

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116028.D
 Acq On : 6 Aug 2019 22:02
 Operator : HP/JU
 Sample : K4135-36
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)

Quant Time: Aug 07 05:23:06 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	123268	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	473085	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	250468	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	441991	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	304131	20.00	ng	-0.03
87) Perylene-d12	15.46	264	354726	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	871477	118.35	ng	0.00
7) Phenol-d6	6.48	99	1007445	108.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	817913	99.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	334631	137.80	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1389106	103.88	ng	-0.02
79) Terphenyl-d14	12.94	244	1540031	106.70	ng	-0.02

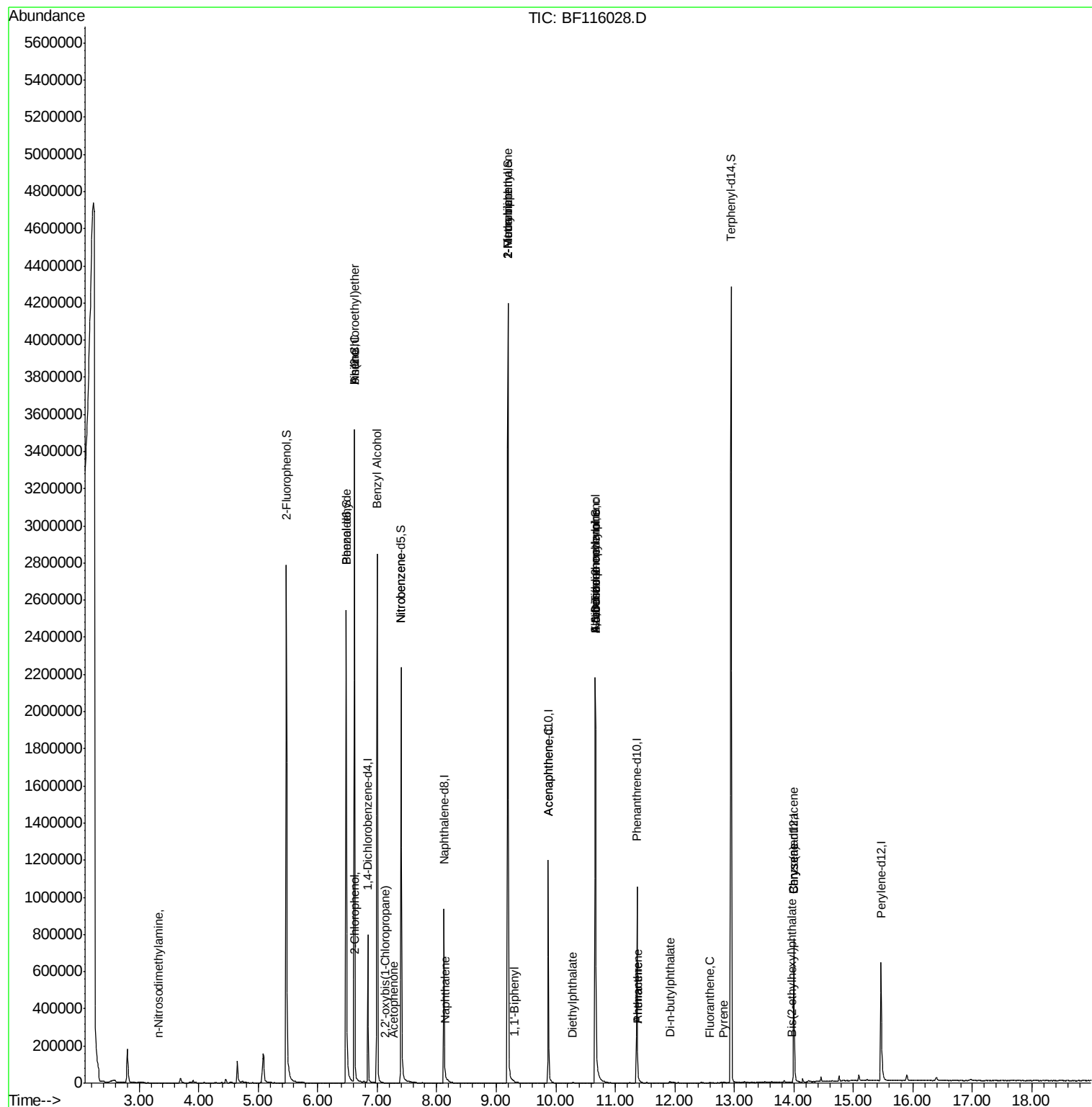
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.33	42	106	0.026	ng	# 1
6) Aniline	6.62	93	1136	0.085	ng	# 1
8) 2-Chlorophenol	6.63	128	114	0.014	ng	# 1
9) Benzaldehyde	6.48	77	1354	0.211	ng	# 1
10) Phenol	6.62	94	1999	0.183	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1136	0.141	ng	# 1
15) Benzyl Alcohol	7.00	79	12802	1.816	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.13	45	480	0.044	ng	# 65
22) Acetophenone	7.27	105	666	0.064	ng	# 52
24) Nitrobenzene	7.40	77	2192	0.248	ng	# 34
31) Naphthalene	8.15	128	310	0.014	ng	# 68
38) 1-Methylnaphthalene	9.20	142	442	0.032	ng	# 45
46) 1,1'-Biphenyl	9.30	154	2345	0.133	ng	# 96
48) 2-Nitroaniline	9.20	65	2237	0.460	ng	# 1
52) Acenaphthene	9.87	154	730	0.055	ng	# 5
58) Fluorene	10.66	166	13682	0.928	ng	# 84
60) Diethylphthalate	10.29	149	1009	0.063	ng	# 58
63) Azobenzene	10.66	77	1657	0.101	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.66	198	616	0.263	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	9503	0.714	ng	# 39
71) Phenanthrene	11.39	178	962	0.043	ng	# 59
72) Anthracene	11.39	178	962	0.042	ng	# 60
74) Di-n-butylphthalate	11.92	149	4997	0.206	ng	# 94
75) Fluoranthene	12.59	202	414	0.018	ng	# 64
78) Pyrene	12.81	202	251	0.011	ng	# 56
81) Benzo(a)anthracene	14.00	228	779	0.040	ng	# 52
83) Chrysene	14.00	228	779	0.041	ng	# 50
84) Bis(2-ethylhexyl)phthalate	13.97	149	911	0.072	ng	# 52

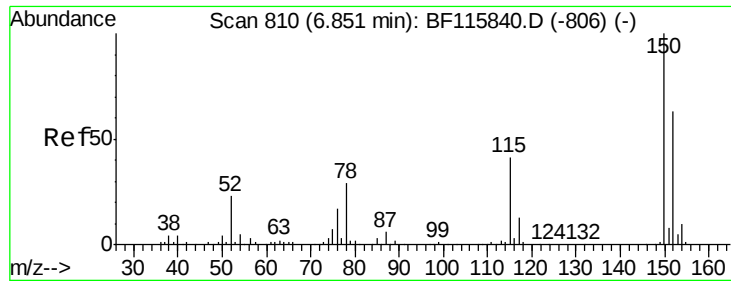
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

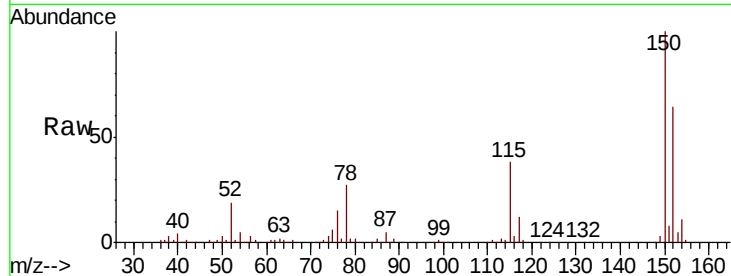
Tot Ion:152 Resp: 123268

Ion Ratio Lower Upper

152 100

150 156.3 127.4 191.0

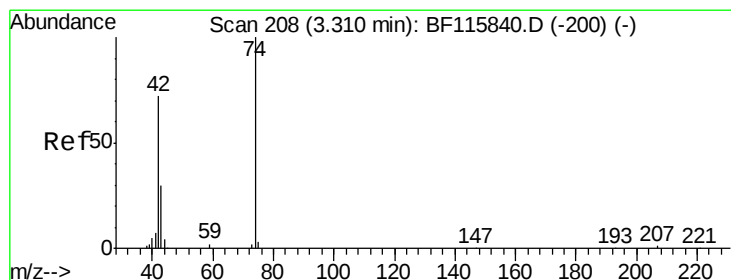
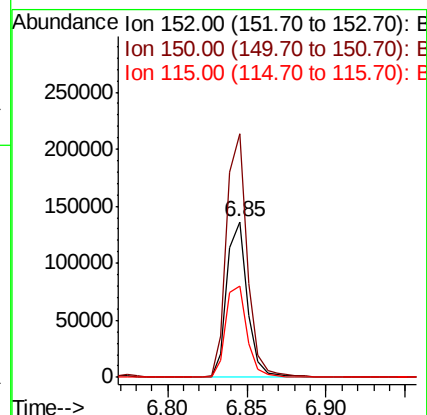
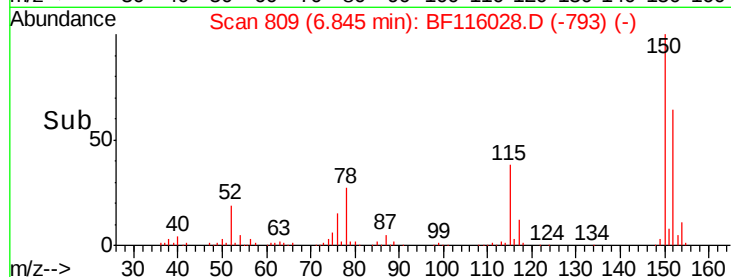
115 58.8 51.8 77.8



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: 0.026 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.02 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

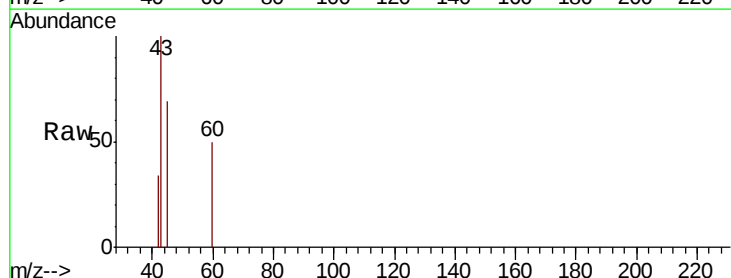
Tgt Ion: 42 Resp: 106

Ion Ratio Lower Upper

42 100

74 0.0 111.0 166.4#

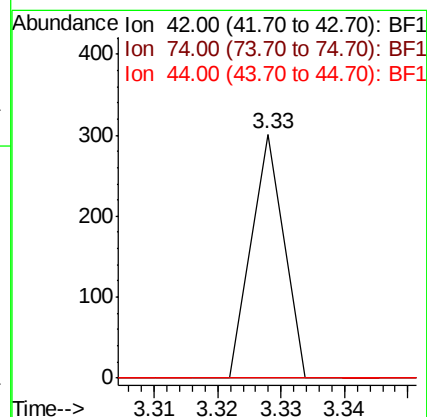
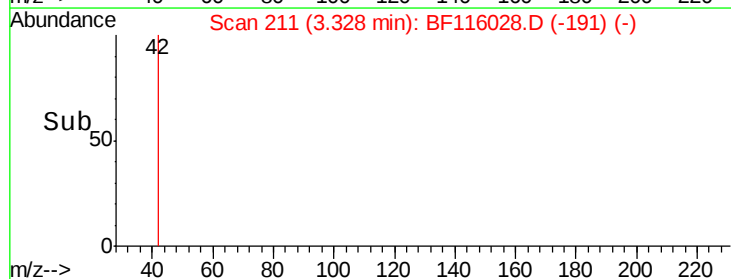
44 0.0 4.7 7.1#

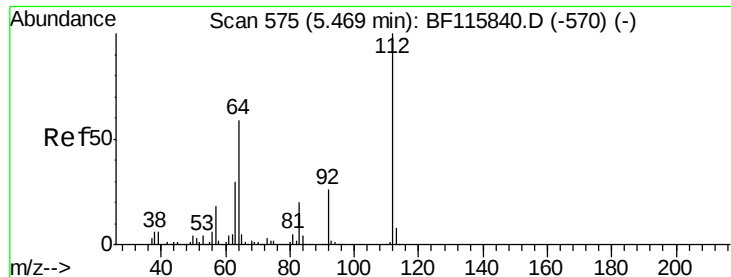


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.352 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116028.D

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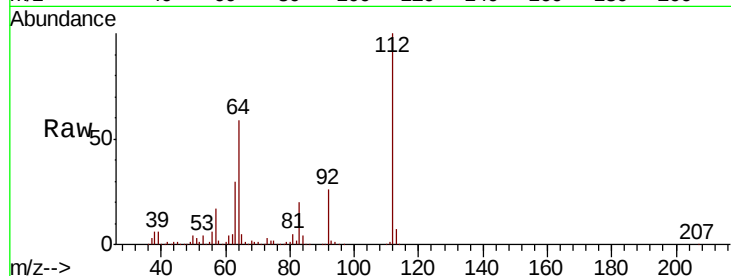
Tot Ion:112 Resp: 871477

Ion Ratio Lower Upper

112 100

64 58.6 46.8 70.2

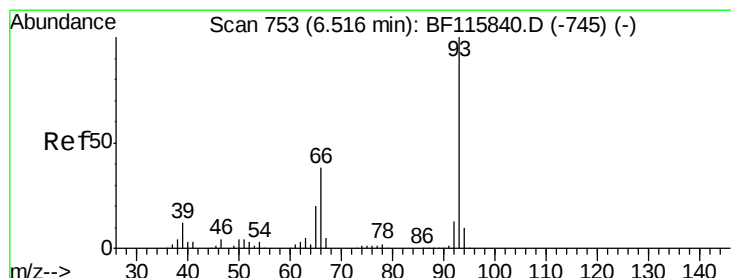
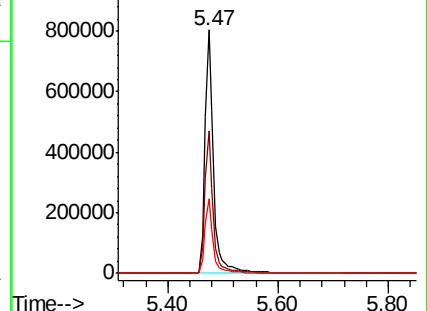
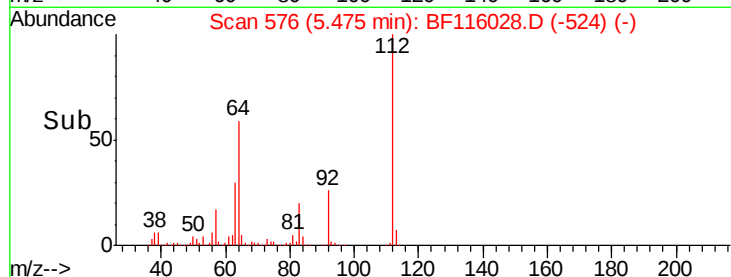
63 30.5 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.085 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

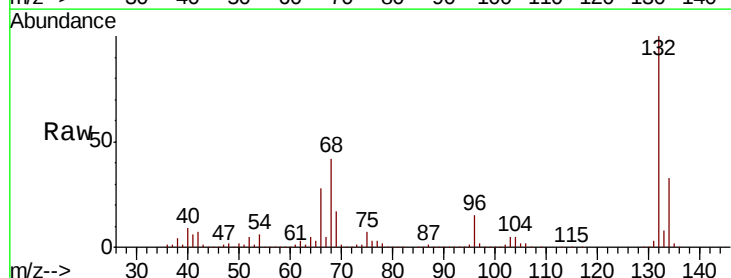
Tgt Ion: 93 Resp: 1136

Ion Ratio Lower Upper

93 100

66 20941.1 31.4 47.0#

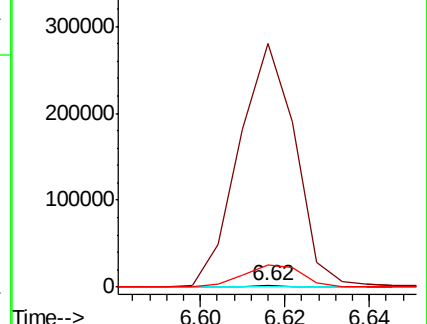
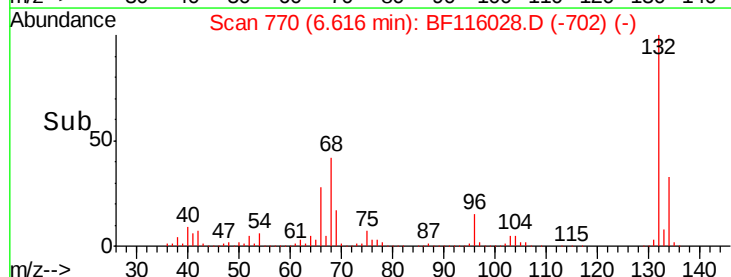
65 1919.9 16.5 24.7#

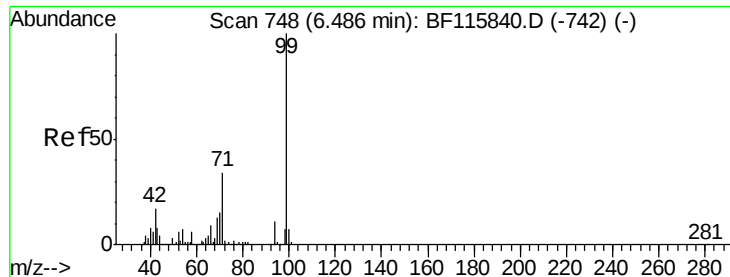


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.441 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

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1S-B1-B4-COMP-(30)

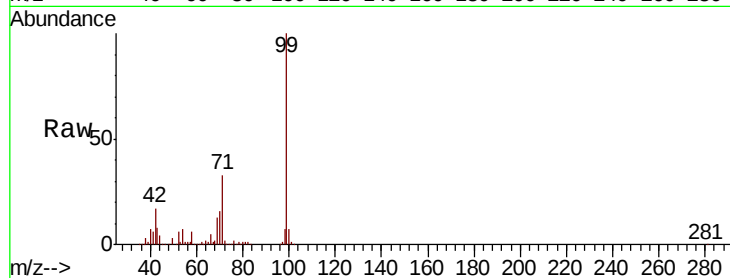
Tot Ion: 99 Resp: 1007445

Ion Ratio Lower Upper

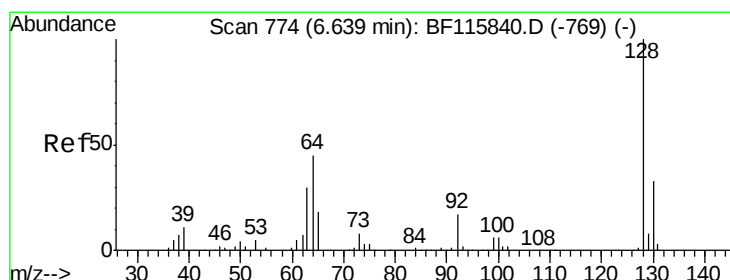
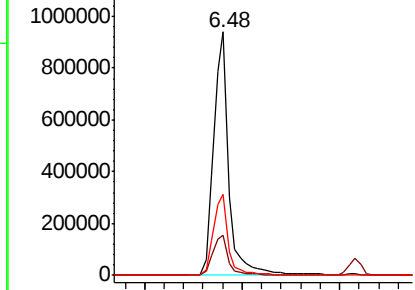
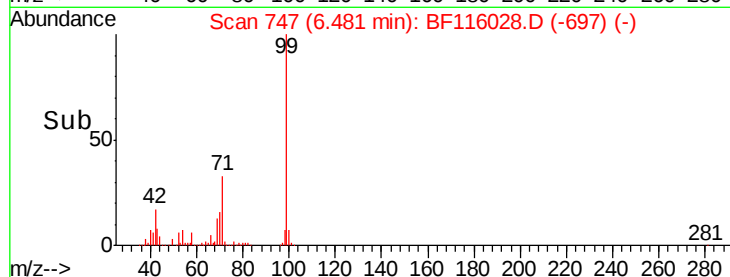
99 100

42 16.6 13.8 20.6

71 33.2 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.014 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

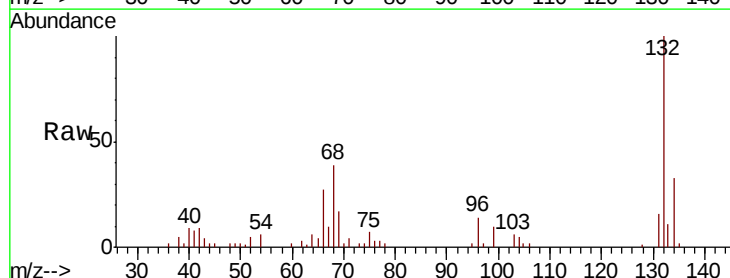
Tgt Ion: 128 Resp: 114

Ion Ratio Lower Upper

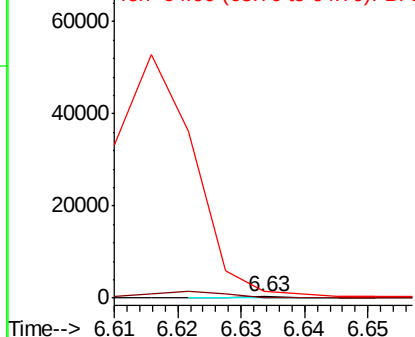
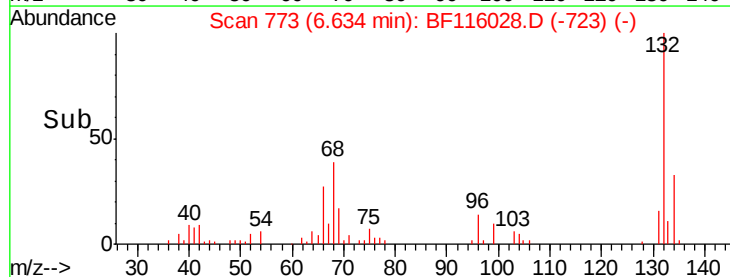
128 100

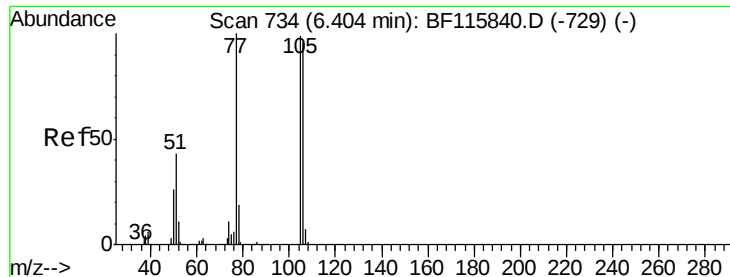
130 0.0 12.9 52.9#

64 429.3 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: 0.211 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

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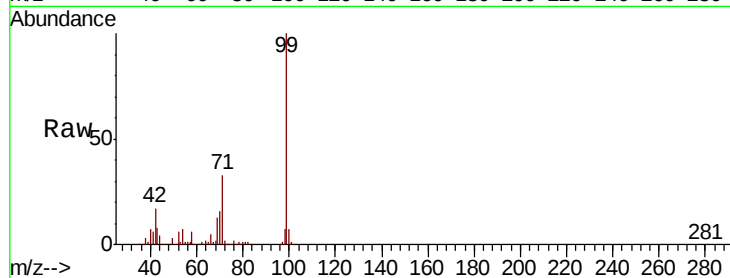
Tot Ion: 77 Resp: 1354

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

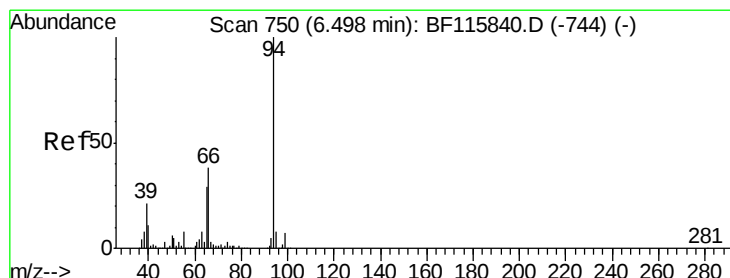
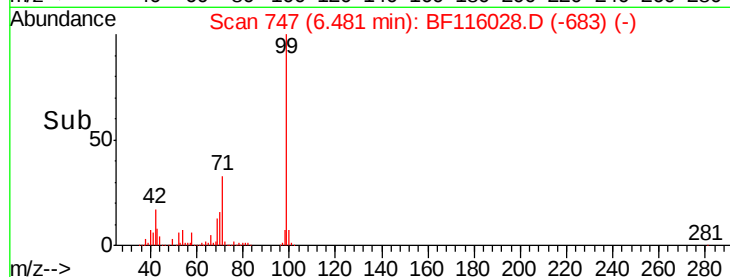
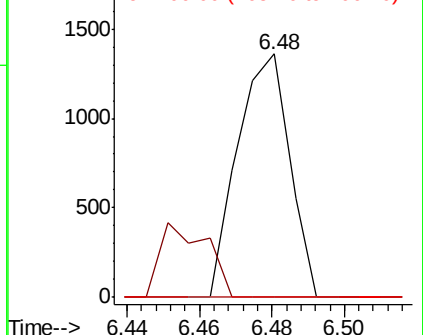
106 0.0 76.2 116.2#



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: 0.183 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.12 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

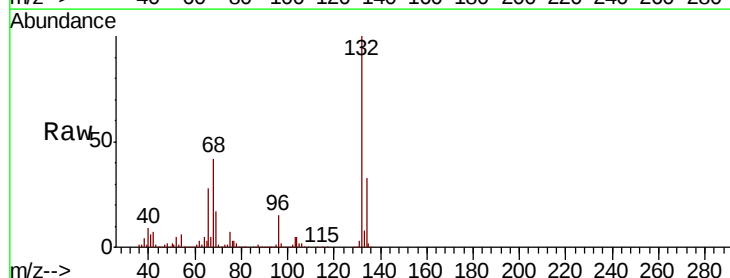
Tgt Ion: 94 Resp: 1999

Ion Ratio Lower Upper

94 100

65 1232.0 8.9 48.9#

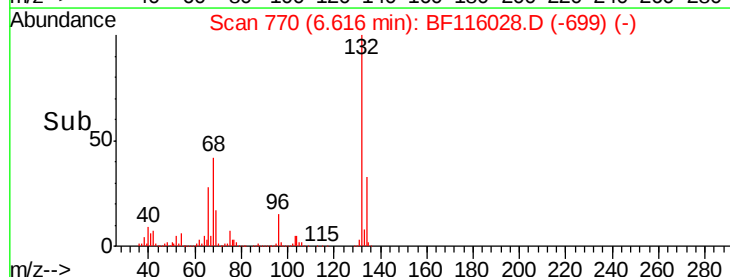
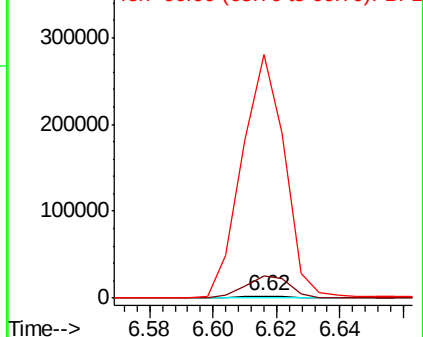
66 13438.5 18.0 58.0#

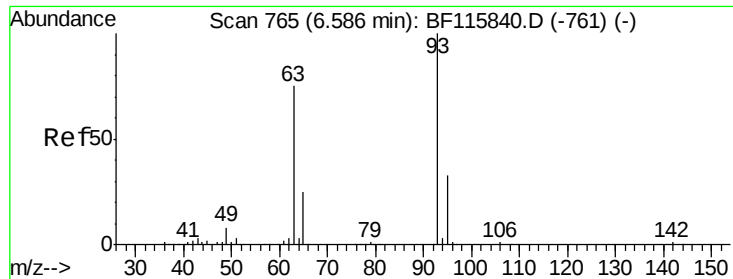


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



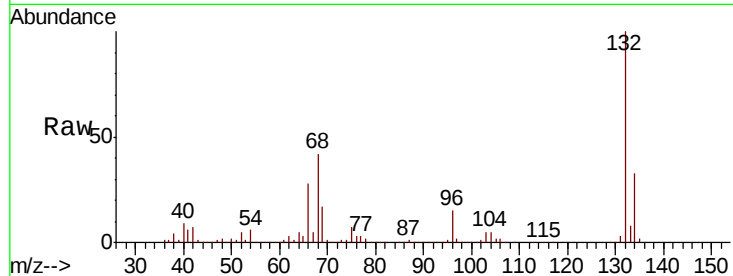


#11

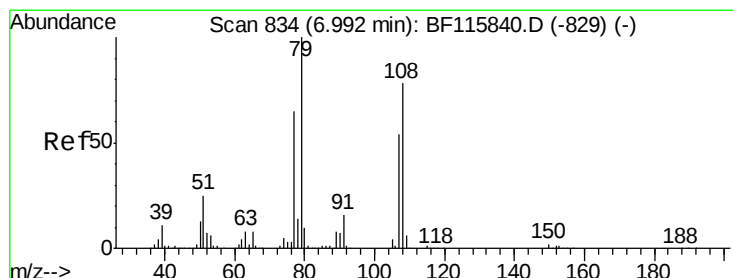
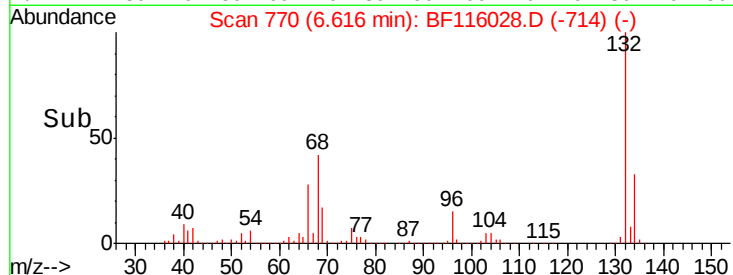
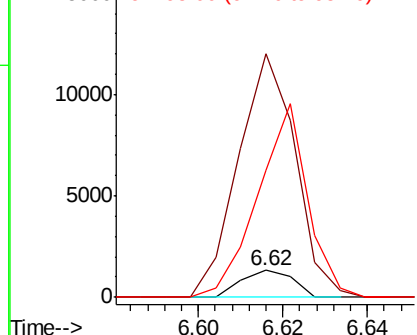
bis(2-Chloroethyl)ether
 Concen: 0.141 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.03 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Instrument :
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 ClientSampleId :
 1S-B1-B4-COMP-(30)

Tot Ion: 93 Resp: 1136
 Ion Ratio Lower Upper
 93 100
 63 897.2 54.9 94.9#
 95 468.2 13.3 53.3#



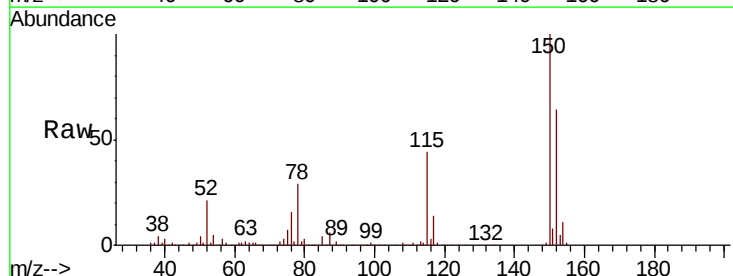
Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1



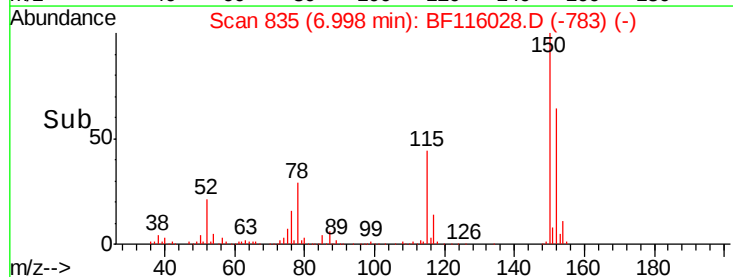
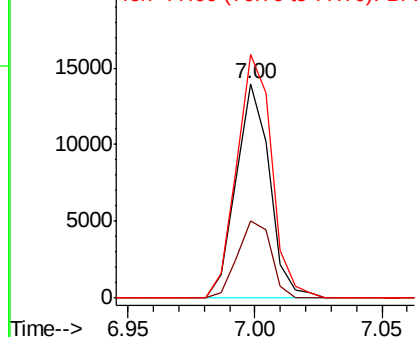
#15

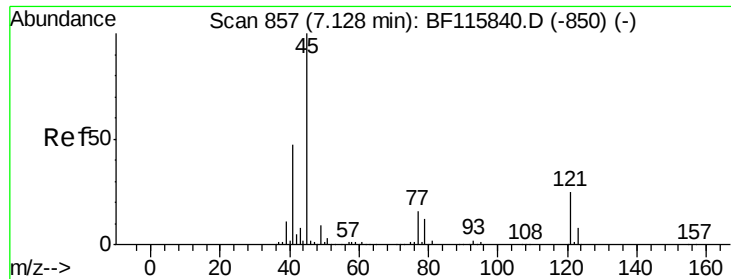
Benzyl Alcohol
 Concen: 1.816 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Tgt Ion: 79 Resp: 12802
 Ion Ratio Lower Upper
 79 100
 108 35.8 62.8 94.2#
 77 113.4 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

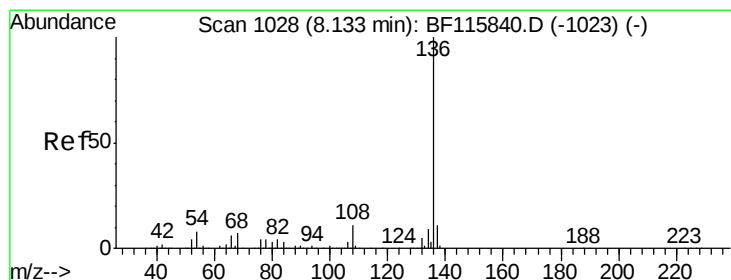
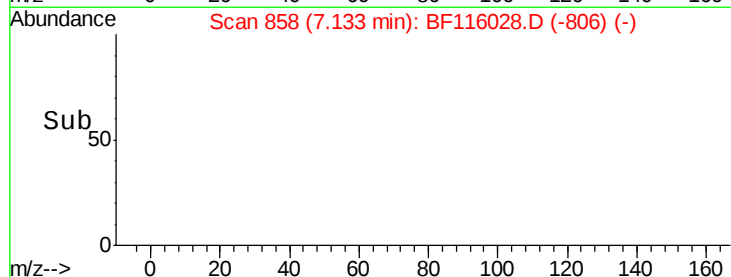
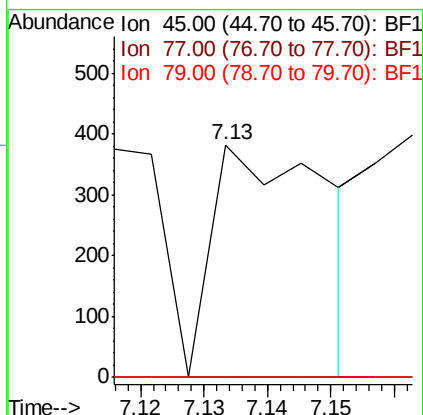
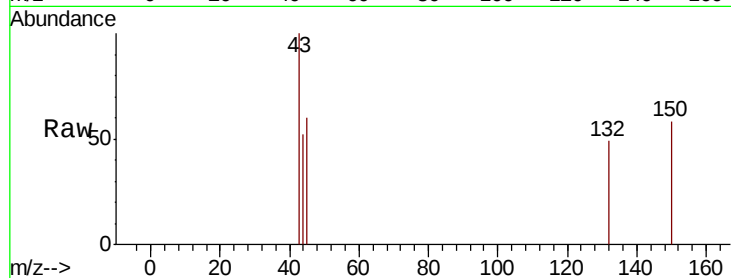




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.044 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

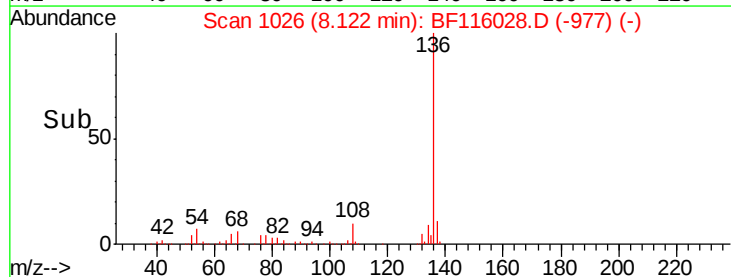
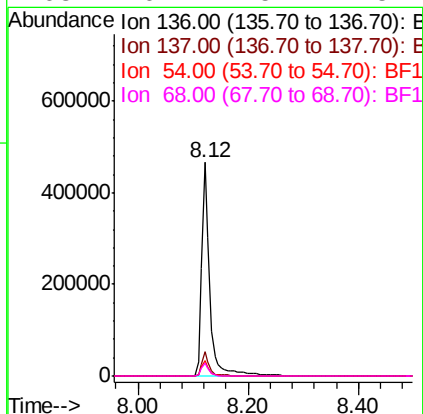
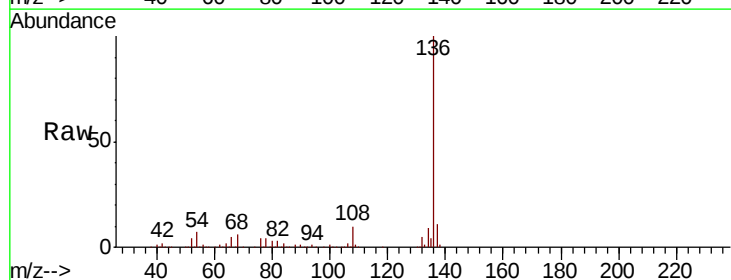
Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)

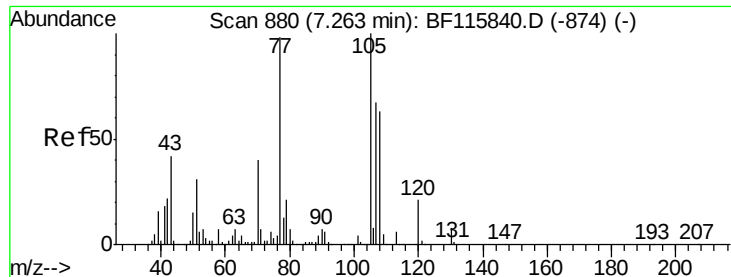
Tot Ion: 45 Resp: 480
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Tgt Ion: 136 Resp: 473085
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.1 6.1 9.1
68 6.2 5.4 8.2





#22

Acetophenone

Concen: 0.064 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

Tot Ion:105 Resp: 666

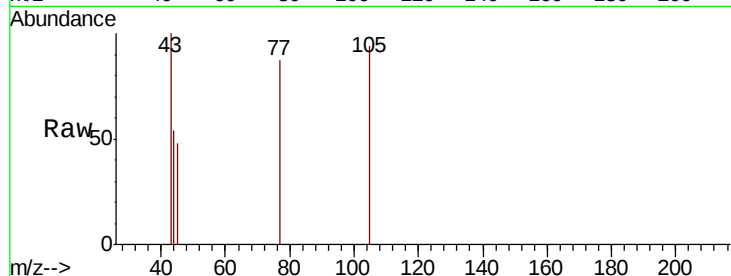
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#

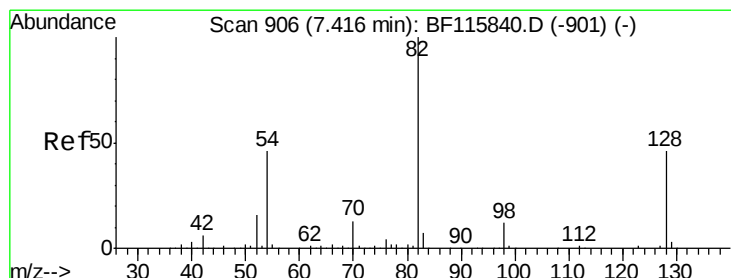
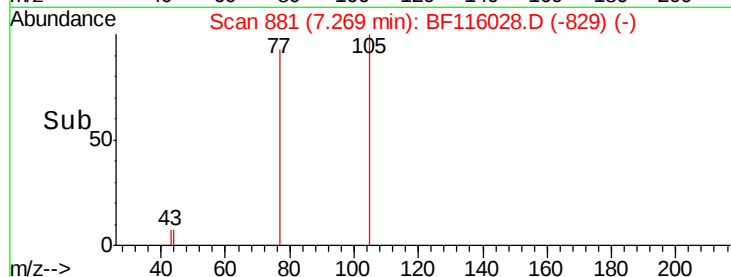
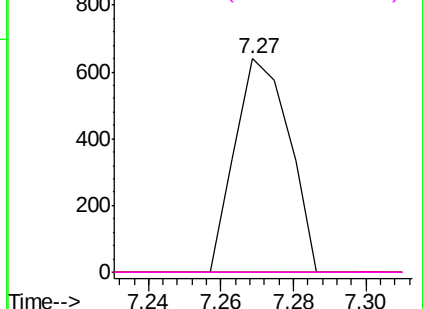


Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.797 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

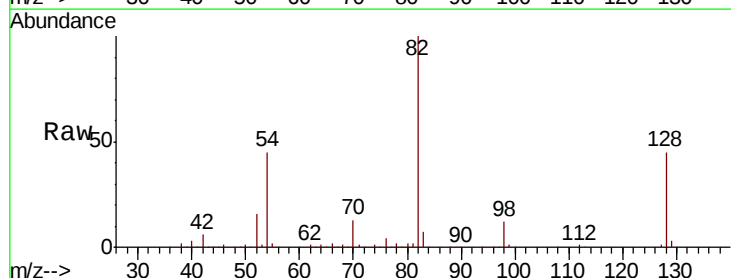
Tgt Ion: 82 Resp: 817913

Ion Ratio Lower Upper

82 100

128 44.5 36.6 55.0

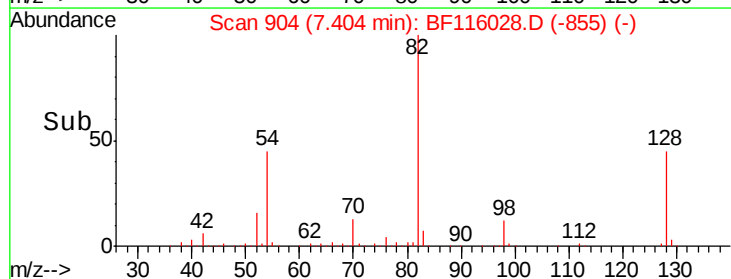
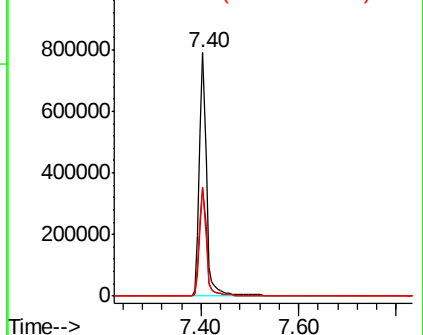
54 45.1 36.6 55.0

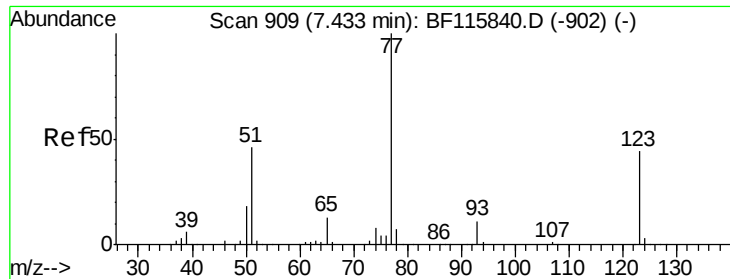


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.248 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

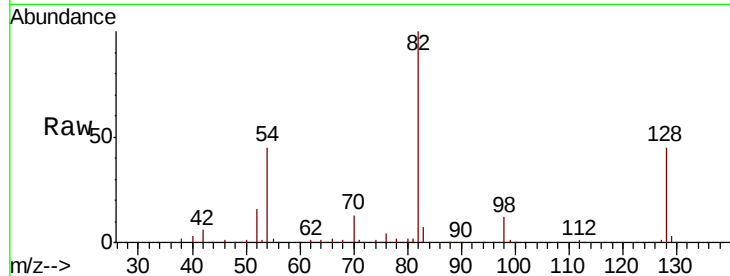
Tot Ion: 77 Resp: 2192

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

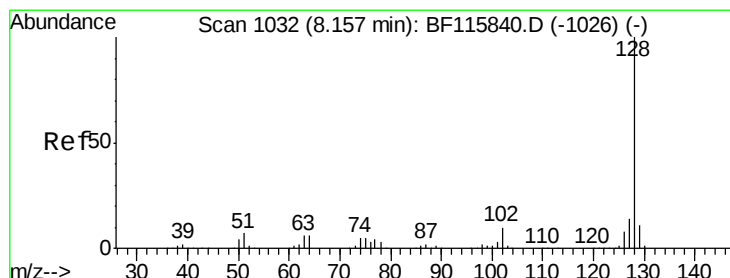
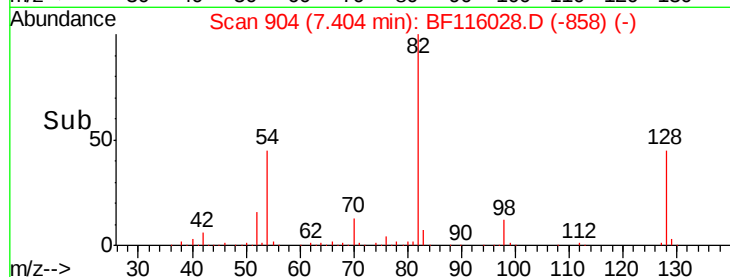
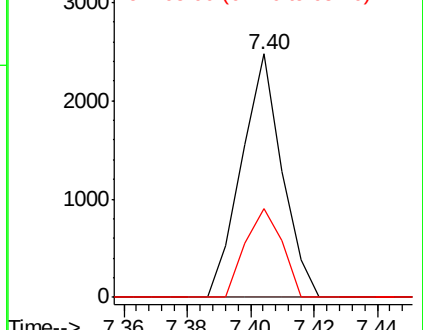
65 36.5 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 0.014 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

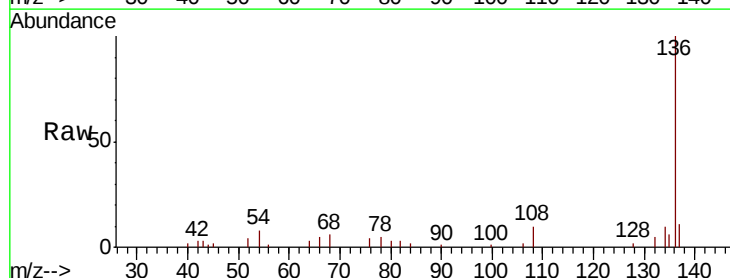
Tgt Ion: 128 Resp: 310

Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

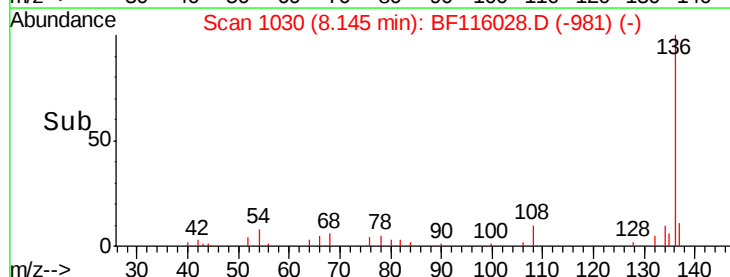
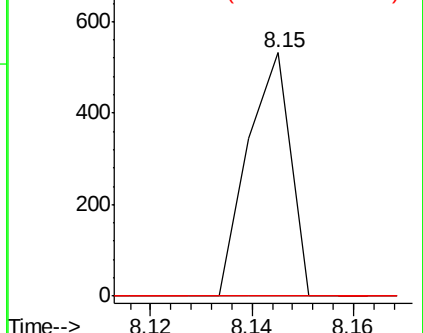
127 0.0 11.0 16.4#

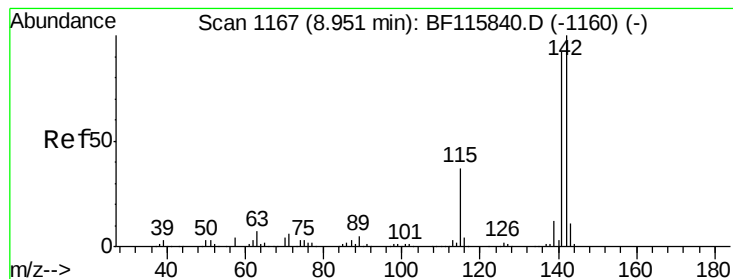


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

1-Methylnaphthalene

Concen: 0.032 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.25 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

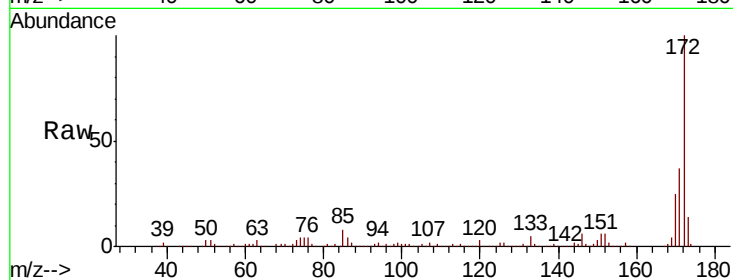
Tot Ion:142 Resp: 442

Ion Ratio Lower Upper

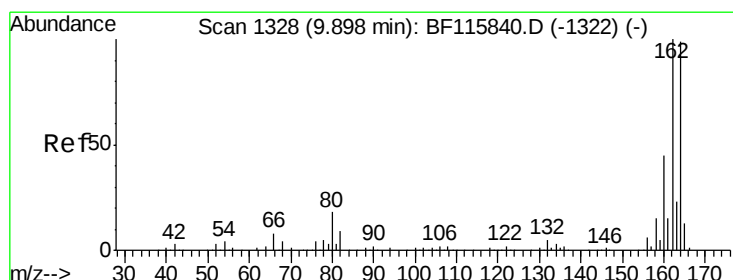
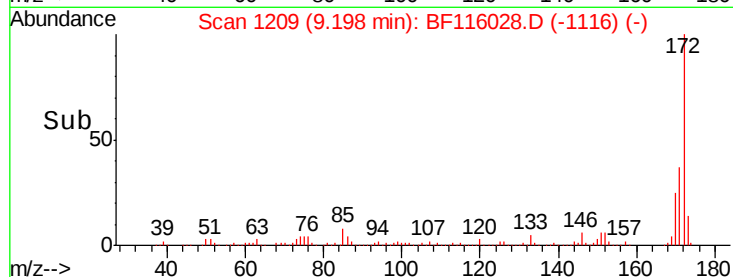
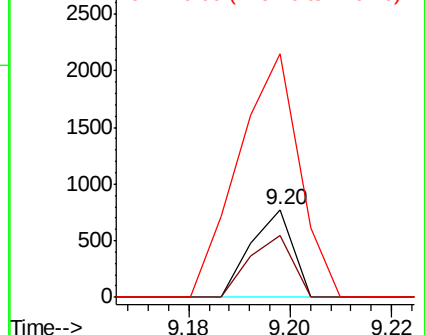
142 100

141 71.1 73.8 110.6#

116 277.9 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: BF116028.D

Acq: 6 Aug 2019 22:02

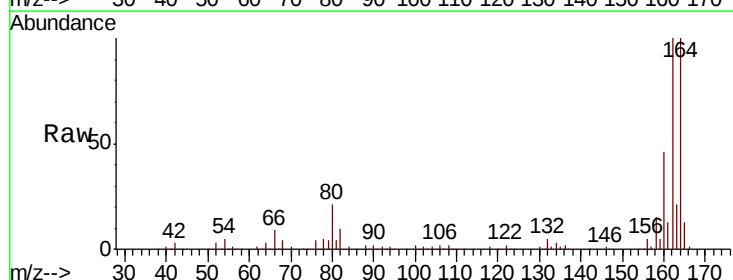
Tgt Ion:164 Resp: 250468

Ion Ratio Lower Upper

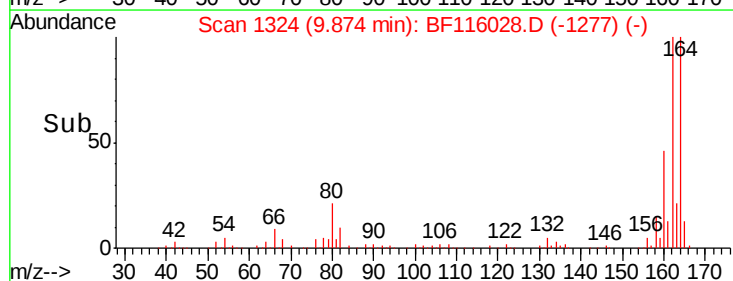
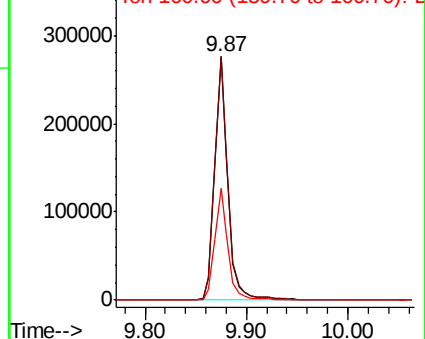
164 100

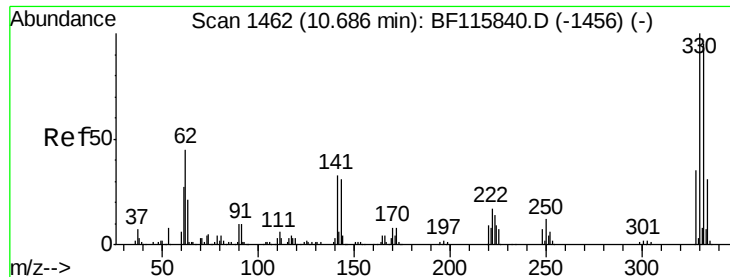
162 100.1 80.8 121.2

160 45.9 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

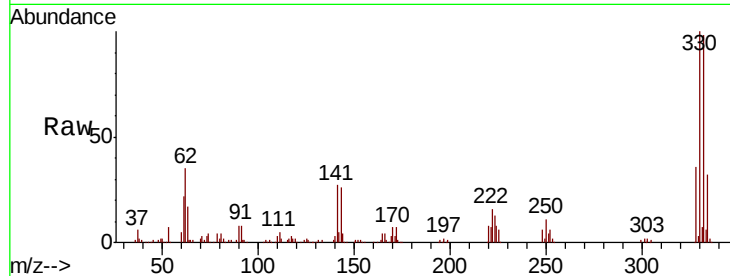




#42
 2,4,6-Tribromophenol
 Concen: 137.801 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	34.6	28.1	42.1

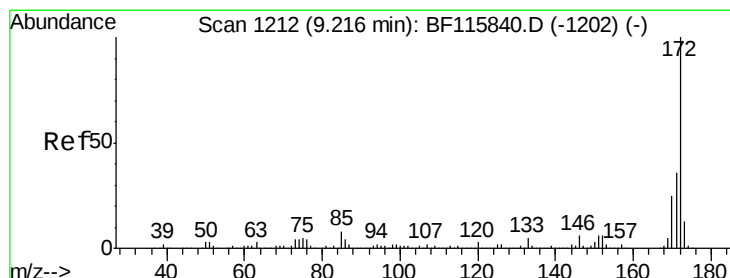
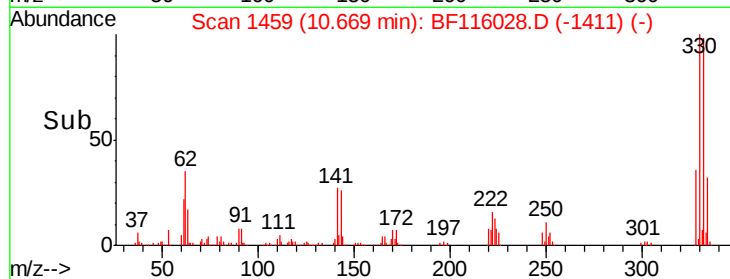
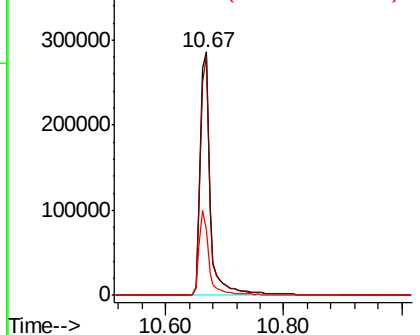


Abundance

Ion 329.80 (329.50 to 330.50): E

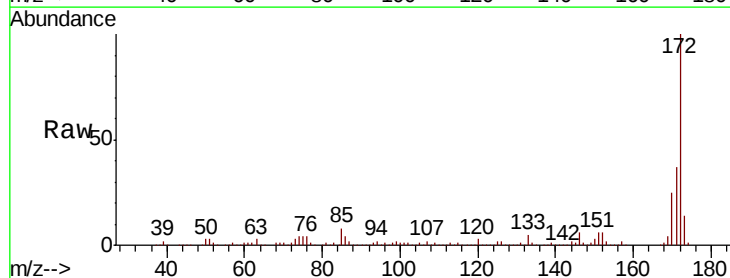
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.881 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.1	43.7
170	25.3	20.1	30.1

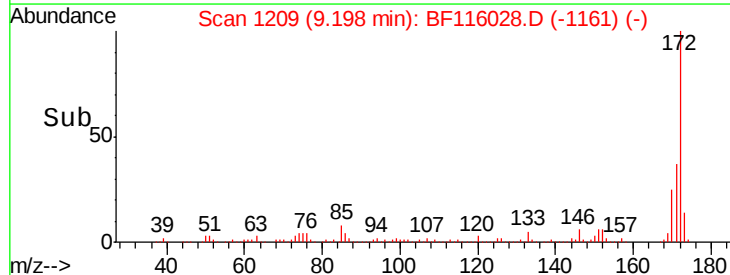
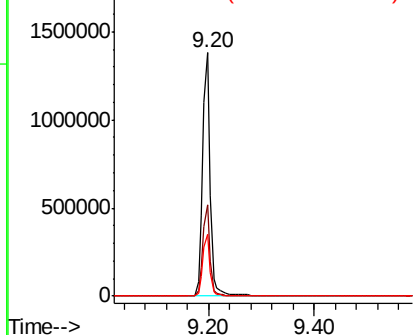


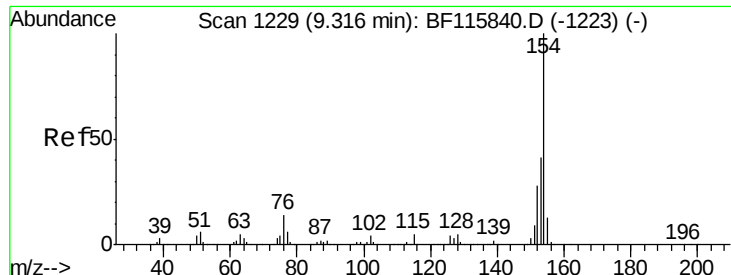
Abundance

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

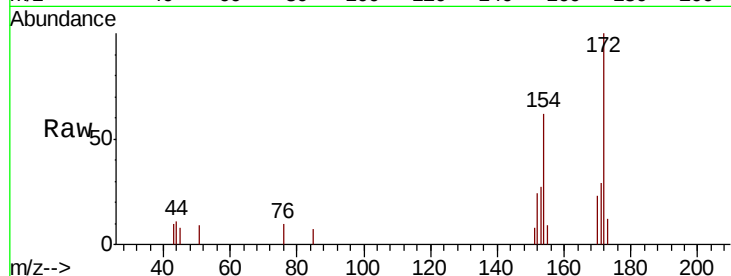




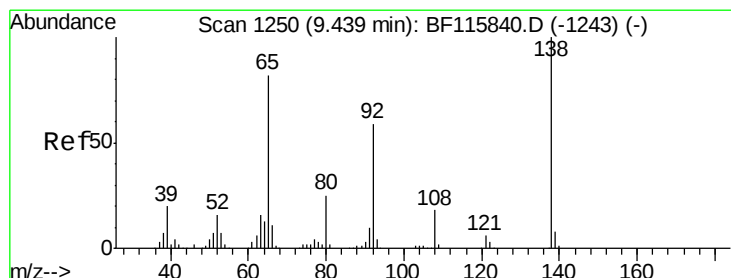
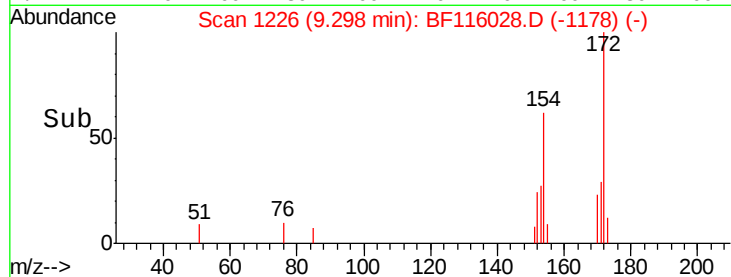
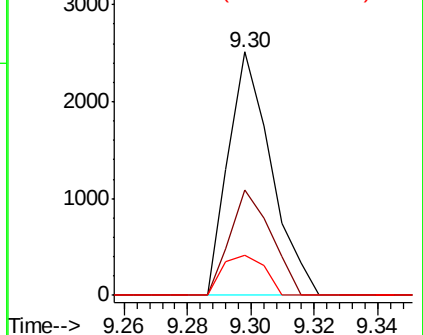
#46
 1,1'-Biphenyl
 Concen: 0.133 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)

Tot Ion:154 Resp: 2345
 Ion Ratio Lower Upper
 154 100
 153 43.2 20.9 60.9
 76 16.4 0.0 34.3

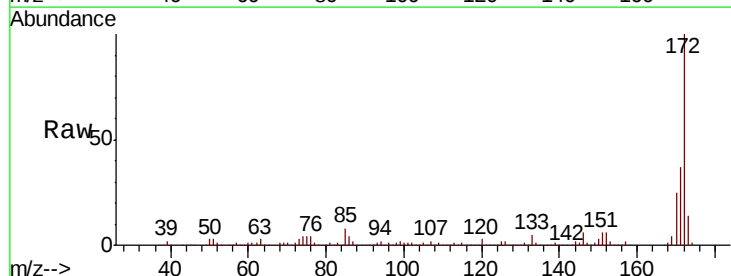


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

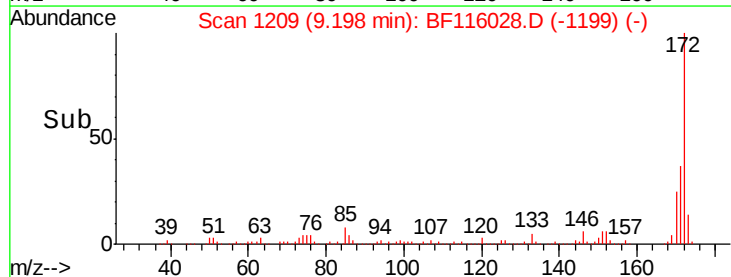
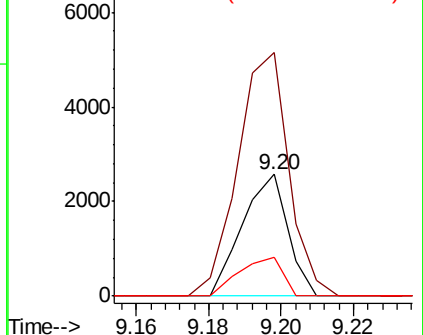


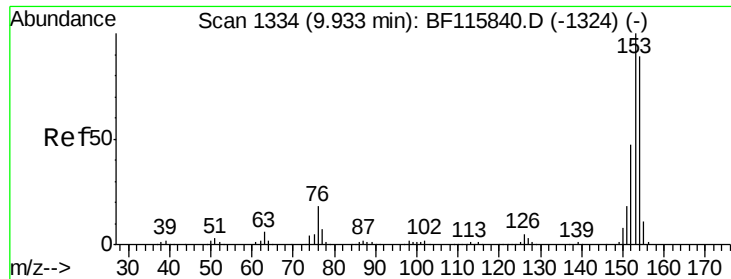
#48
 2-Nitroaniline
 Concen: 0.460 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Tgt Ion: 65 Resp: 2237
 Ion Ratio Lower Upper
 65 100
 92 199.8 57.1 85.7#
 138 32.1 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





#52

Acenaphthene

Concen: 0.055 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.06 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

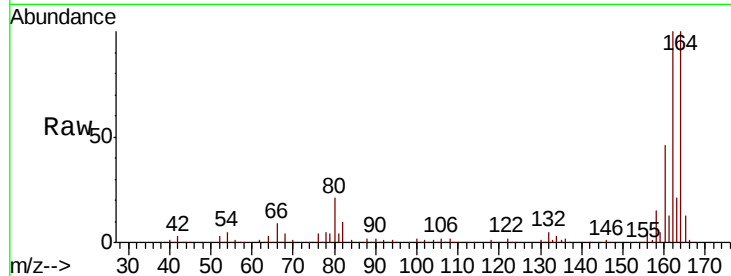
Tot Ion:154 Resp: 730

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

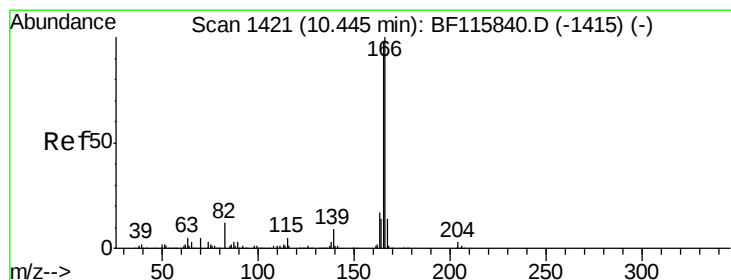
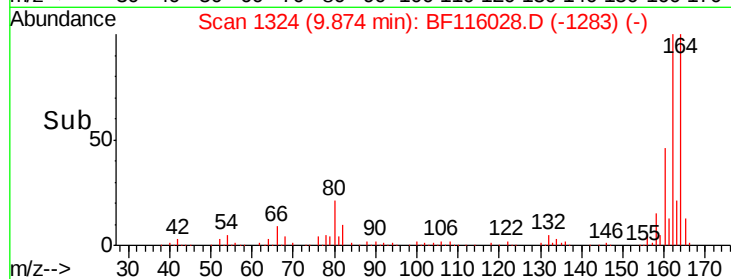
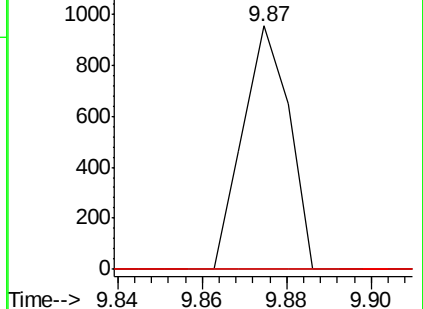
152 0.0 42.6 63.8#



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: 0.928 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.22 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

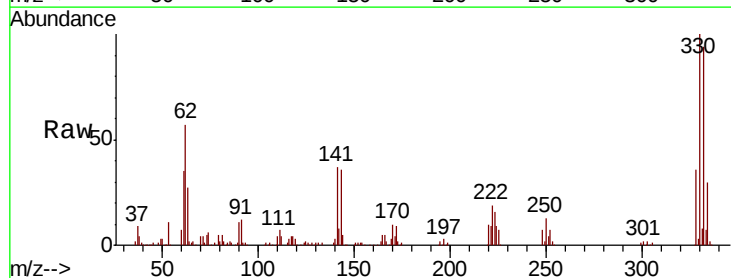
Tgt Ion:166 Resp: 13682

Ion Ratio Lower Upper

166 100

165 106.5 78.6 118.0

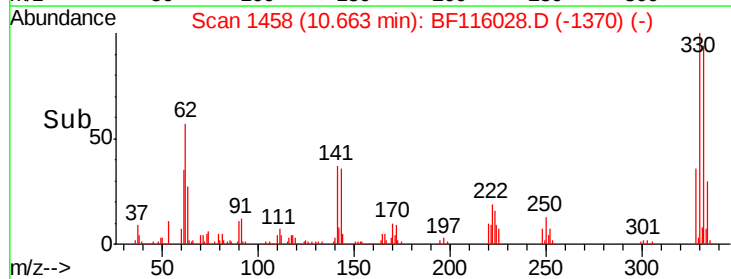
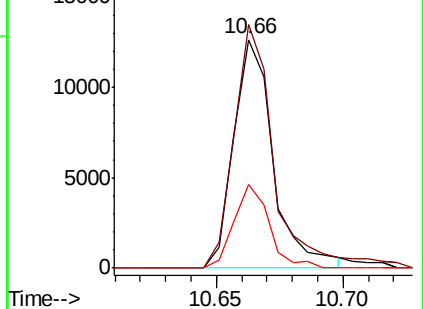
167 42.8 10.9 16.3#

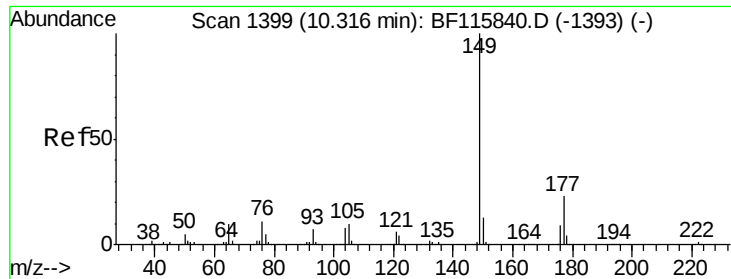


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

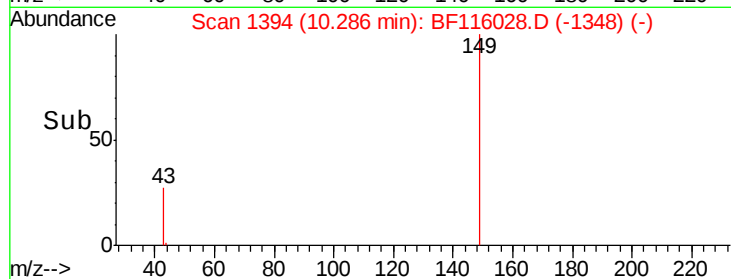
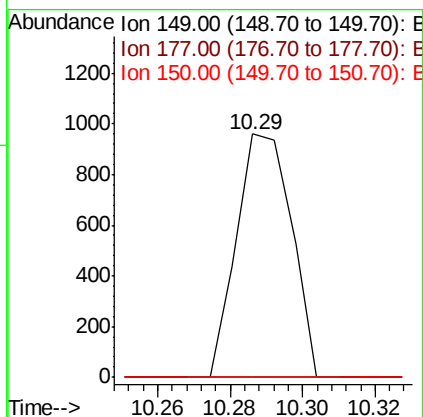
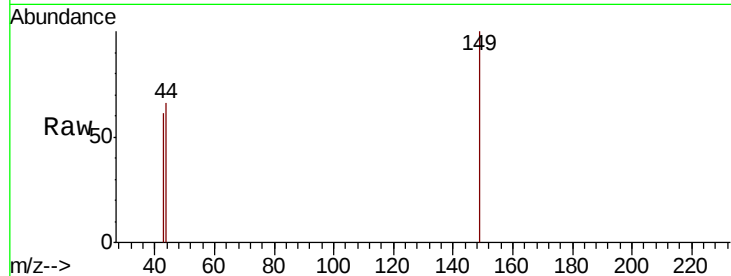




#60
Diethylphthalate
Concen: 0.063 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

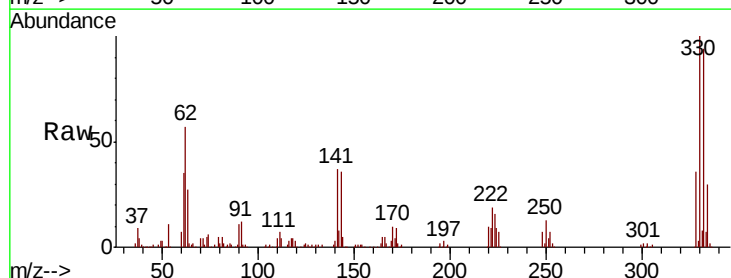
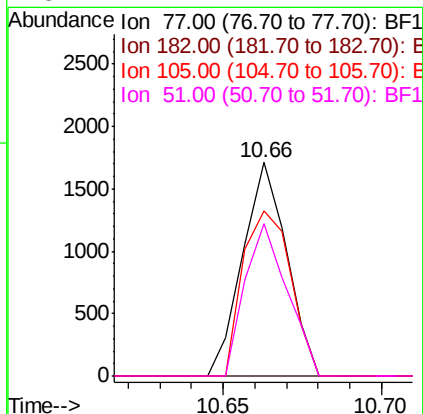
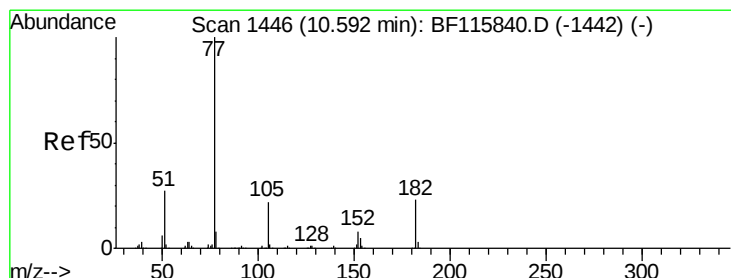
Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)

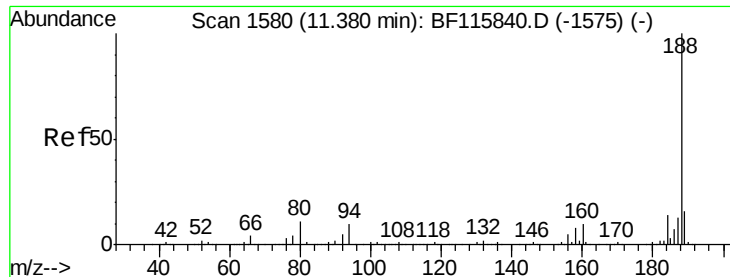
Tot Ion:149 Resp: 1009
Ion Ratio Lower Upper
149 100
177 0.0 18.4 27.6#
150 0.0 10.1 15.1#



#63
Azobenzene
Concen: 0.101 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Tgt Ion: 77 Resp: 1657
Ion Ratio Lower Upper
77 100
182 0.0 2.6 42.6#
105 77.0 1.6 41.6#
51 71.1 7.4 47.4#

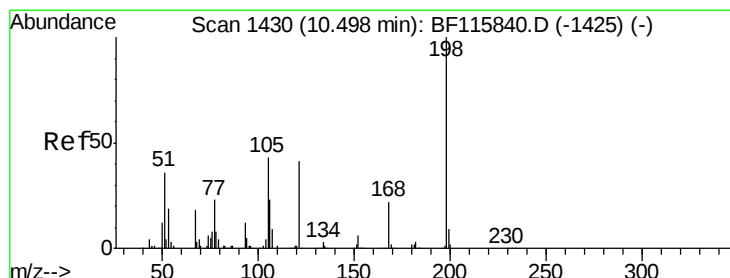
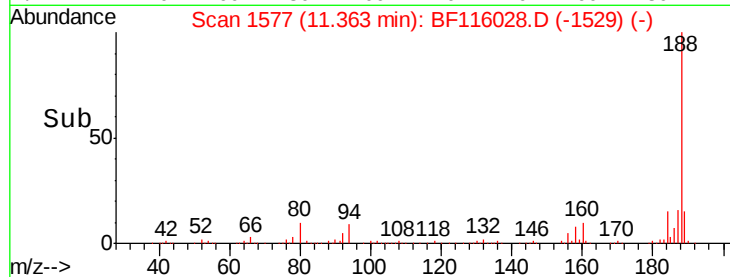
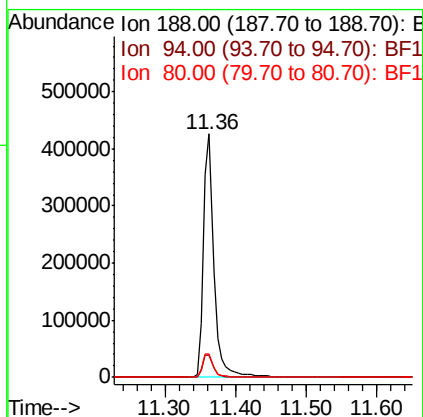
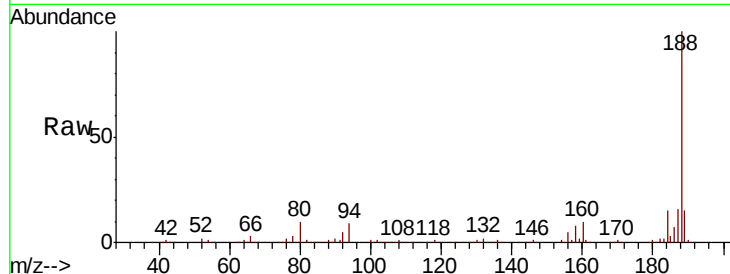




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

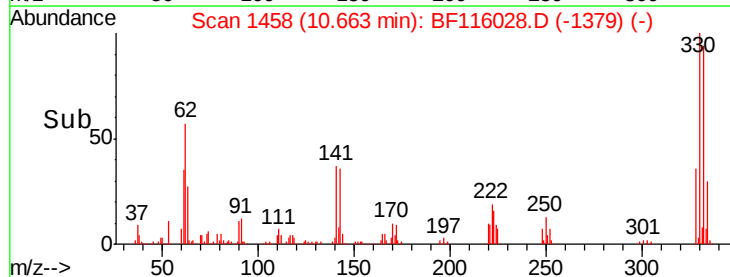
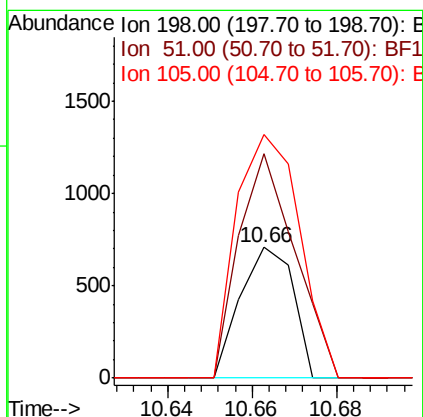
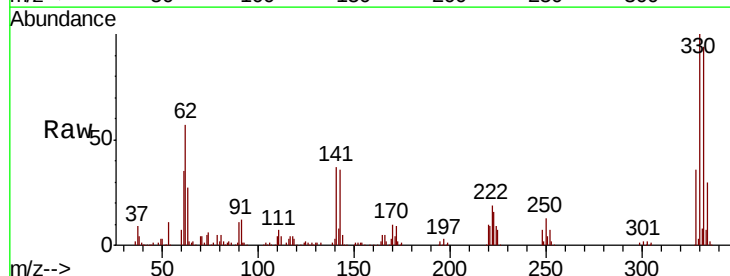
Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)

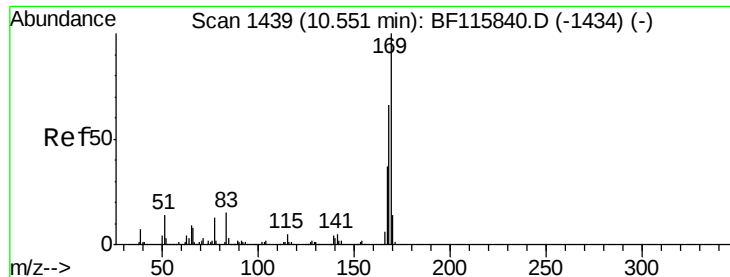
Tot Ion:188 Resp: 441991
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.8 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 0.263 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.16 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Tgt Ion:198 Resp: 616
Ion Ratio Lower Upper
198 100
51 172.5 21.1 61.1#
105 186.8 24.5 64.5#

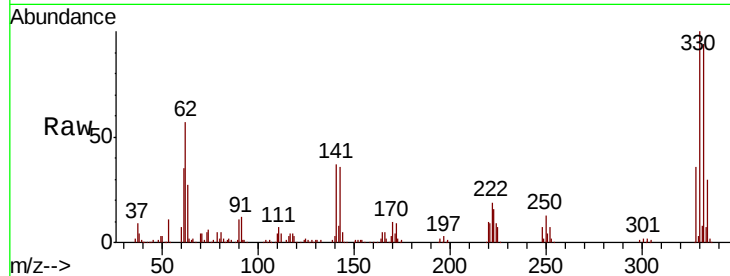




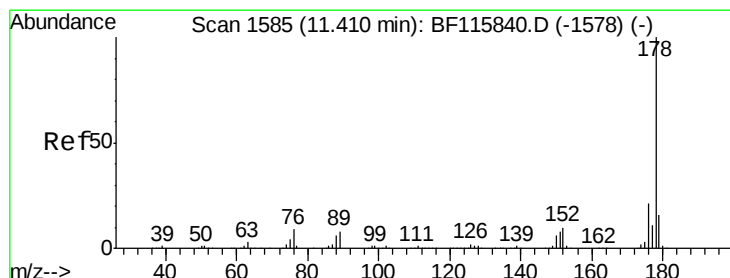
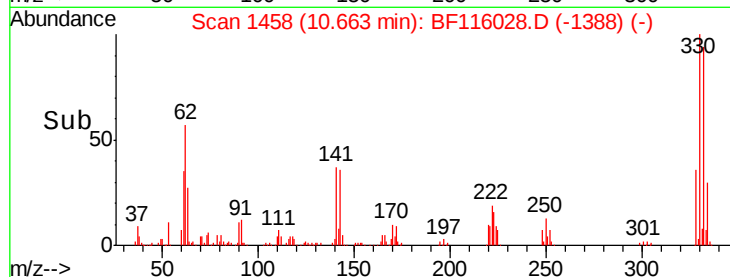
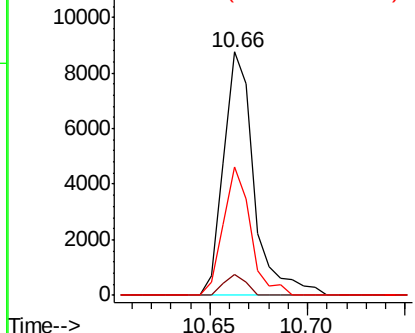
#66
 n-Nitrosodiphenylamine
 Concen: 0.714 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.11 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)

Tot Ion:169 Resp: 9503
 Ion Ratio Lower Upper
 169 100
 168 8.8 53.0 79.6#
 167 61.7 29.9 44.9#

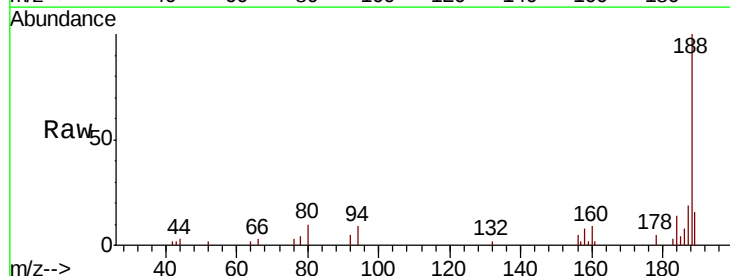


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

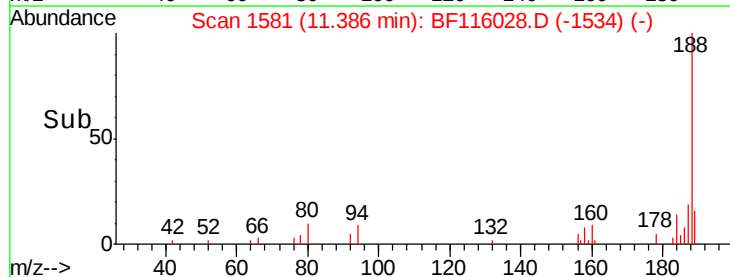
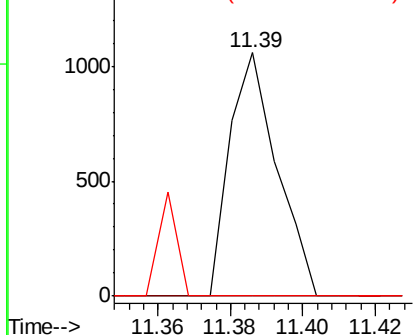


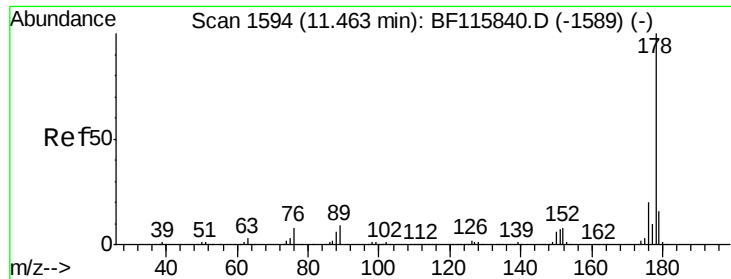
#71
 Phenanthrene
 Concen: 0.043 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116028.D
 Acq: 6 Aug 2019 22:02

Tgt Ion:178 Resp: 962
 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: 0.042 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.08 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

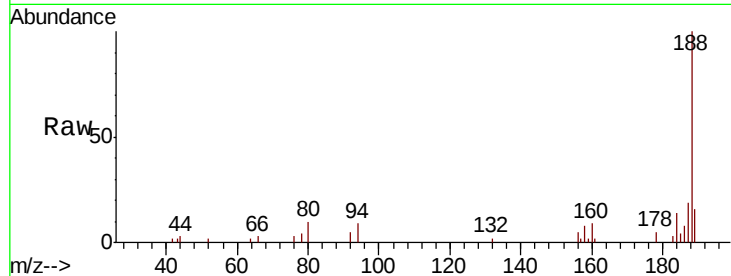
Tot Ion:178 Resp: 962

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

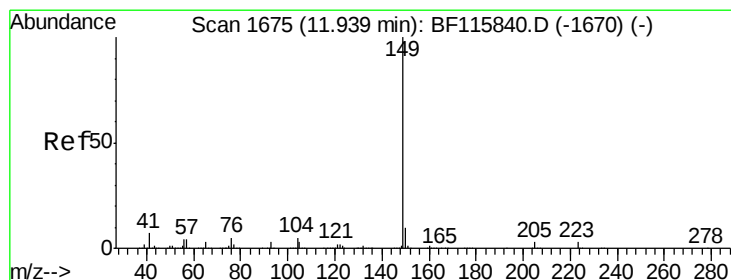
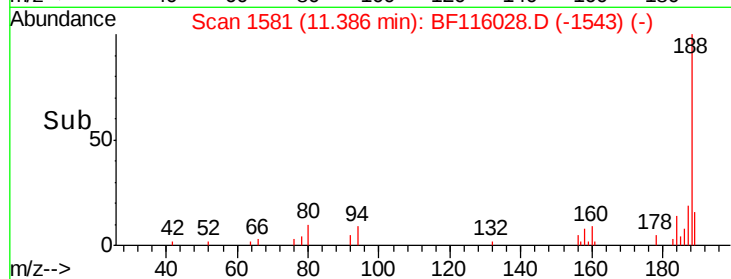
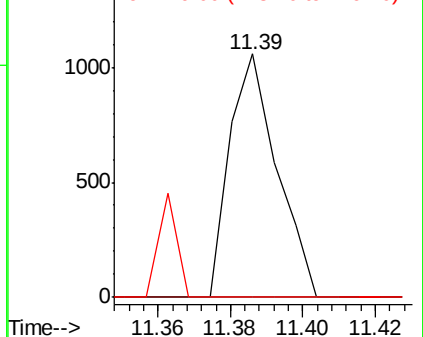
179 0.0 12.4 18.6#



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



#74

Di-n-butylphthalate

Concen: 0.206 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

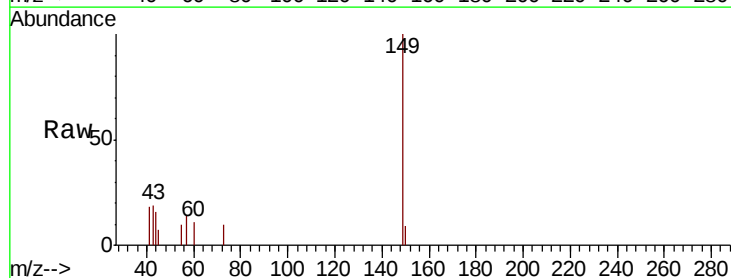
Tgt Ion:149 Resp: 4997

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

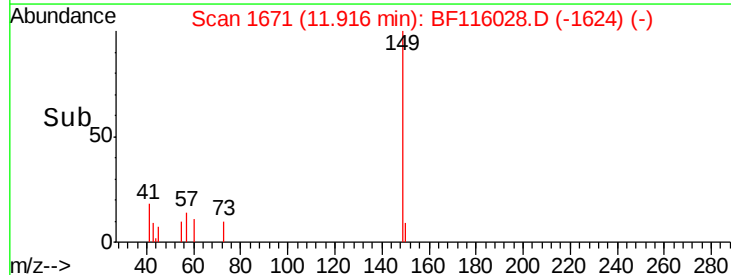
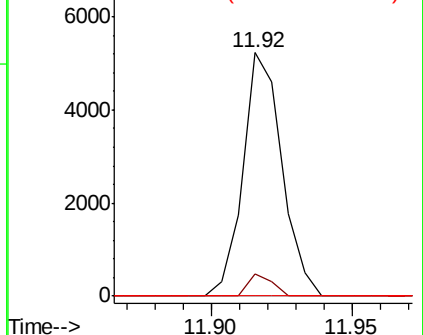
104 0.0 4.3 6.5#

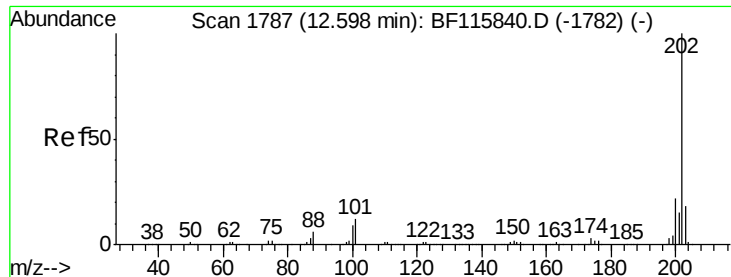


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

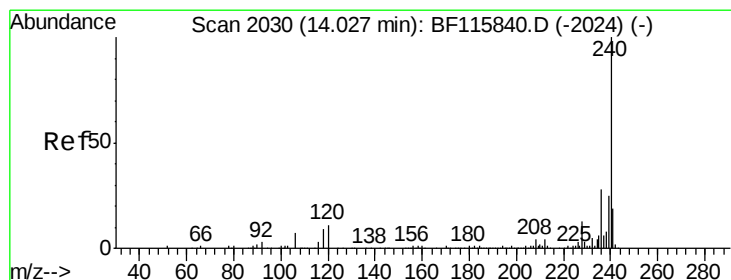
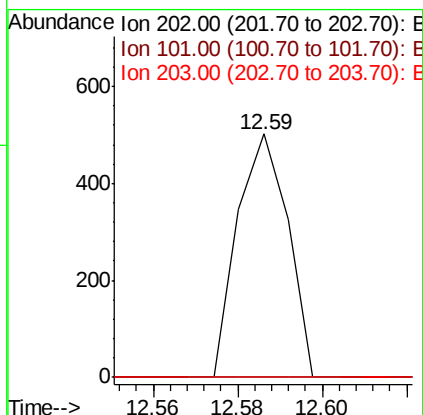
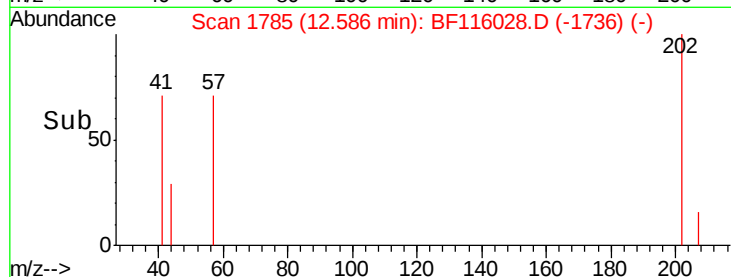
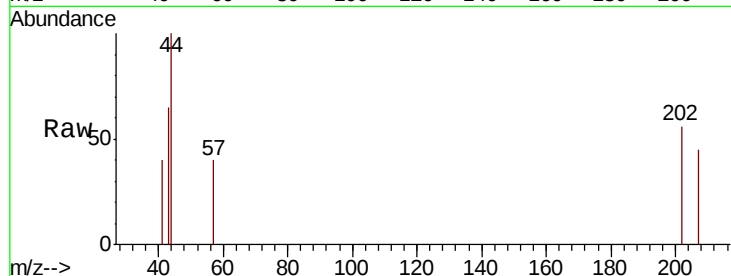




#75
Fluoranthene
Concen: 0.018 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

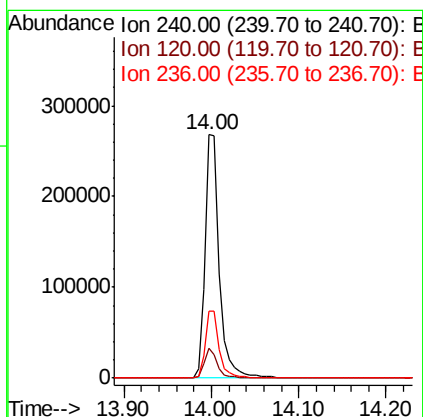
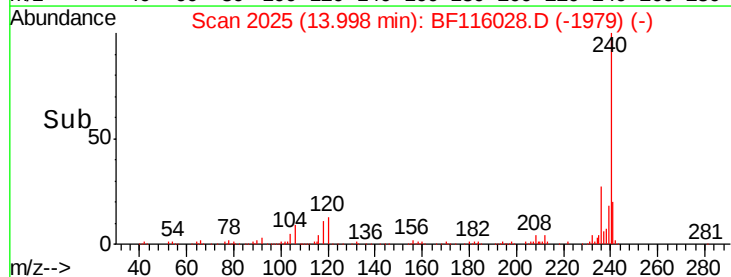
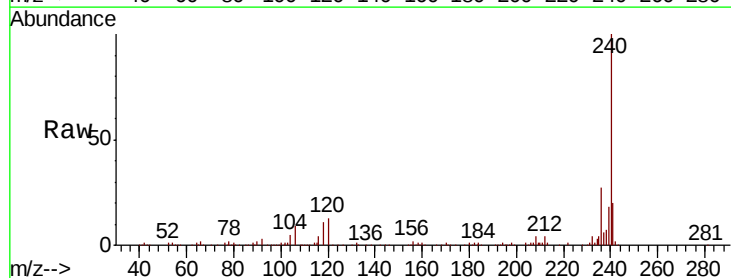
Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)

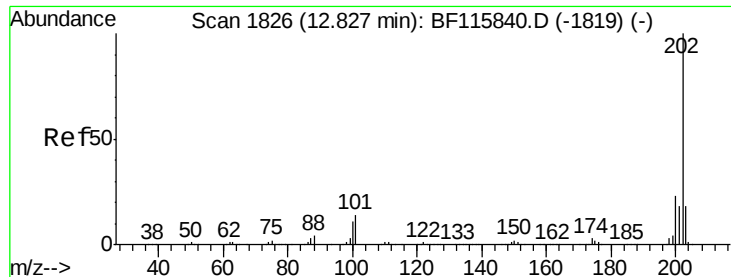
Tot Ion:202 Resp: 414
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Tgt Ion:240 Resp: 304131
Ion Ratio Lower Upper
240 100
120 12.5 8.5 12.7
236 27.3 22.2 33.2

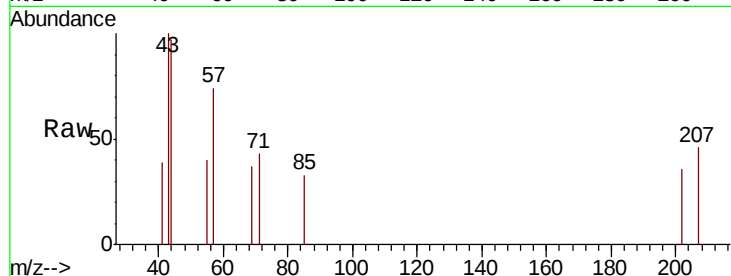




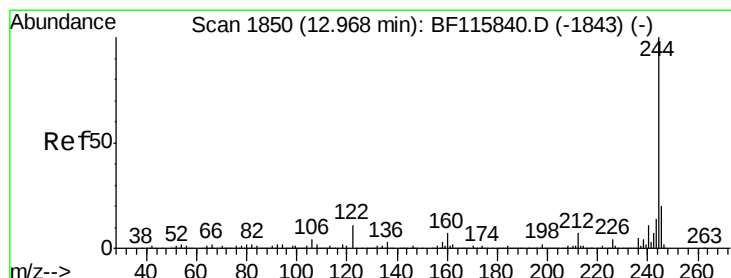
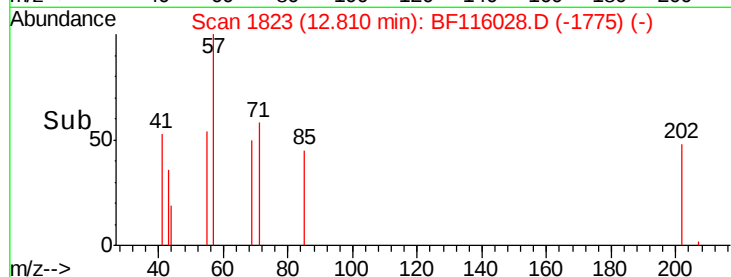
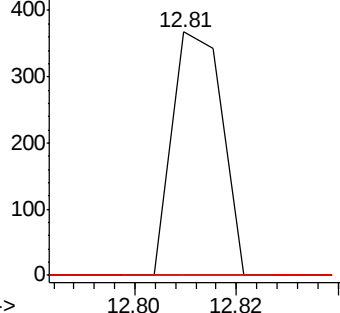
#78
Pvrene
Concen: 0.011 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)

Tot Ion:202 Resp: 251
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#

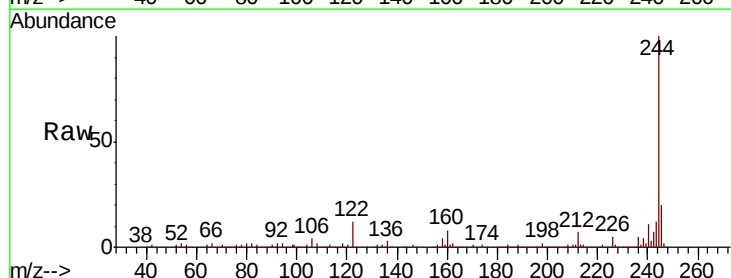


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

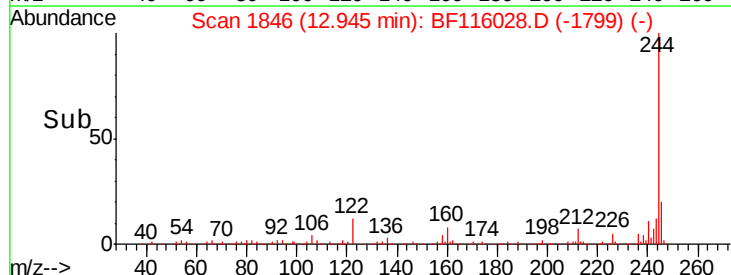
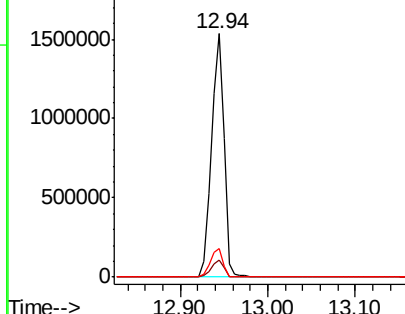


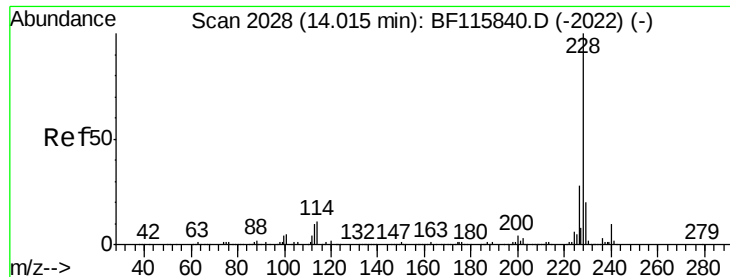
#79
Terphenyl-d14
Concen: 106.701 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116028.D
Acq: 6 Aug 2019 22:02

Tgt Ion:244 Resp: 1540031
Ion Ratio Lower Upper
244 100
212 7.2 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





#81

Benzo(a)anthracene

Concen: 0.040 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

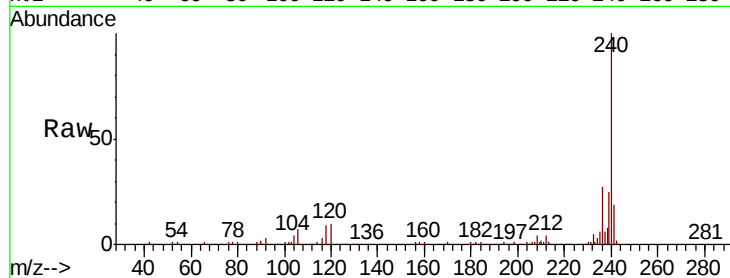
Tot Ion:228 Resp: 779

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

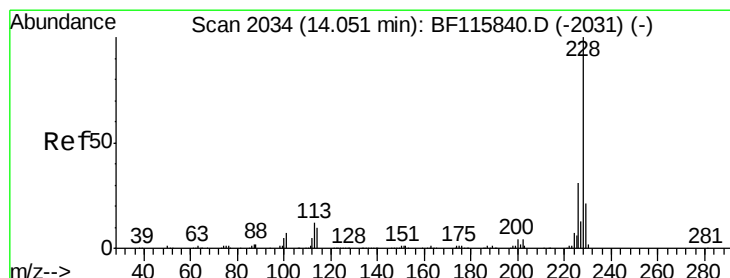
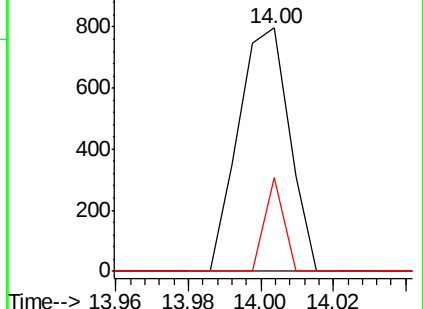
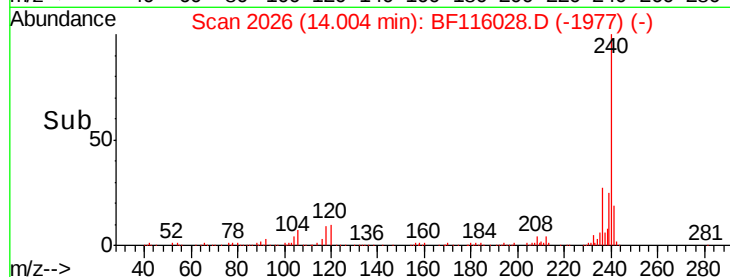
229 38.6 16.1 24.1#



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: 0.041 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

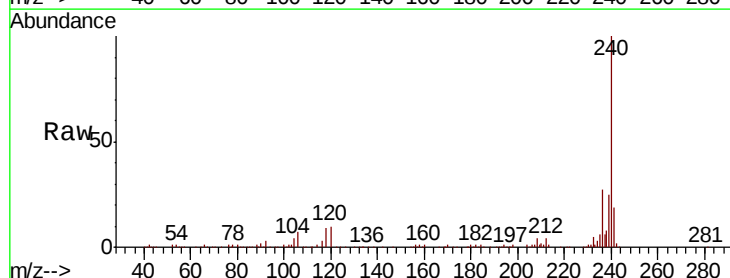
Tgt Ion:228 Resp: 779

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

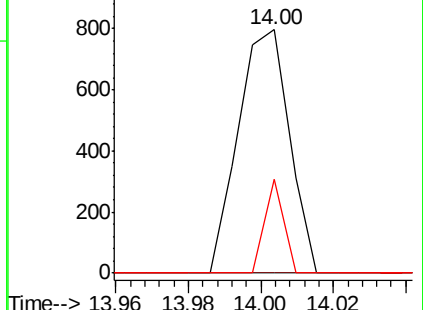
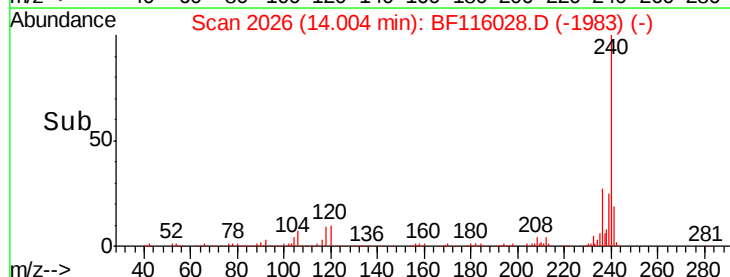
229 38.6 16.4 24.6#

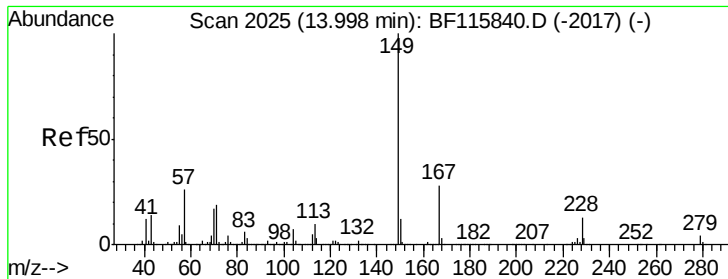


Abundance Ion 228.00 (227.70 to 228.70): E

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: BF116028.D

Acq: 6 Aug 2019 22:02

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)

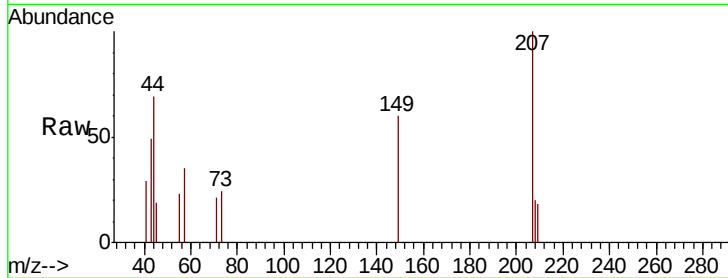
Tot Ion:149 Resp: 911

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

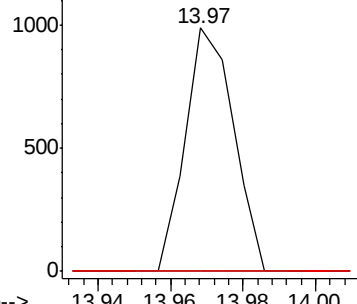
279 0.0 3.3 4.9#



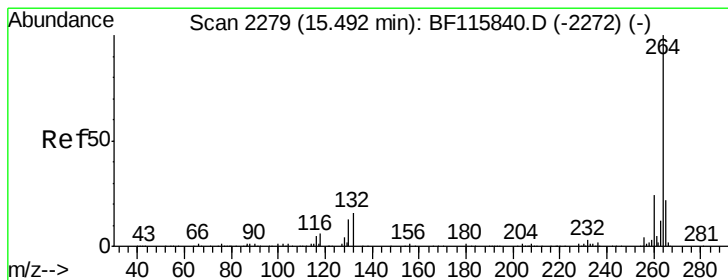
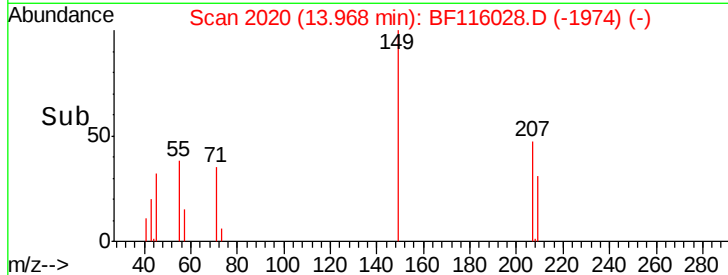
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF116028.D

Acq: 6 Aug 2019 22:02

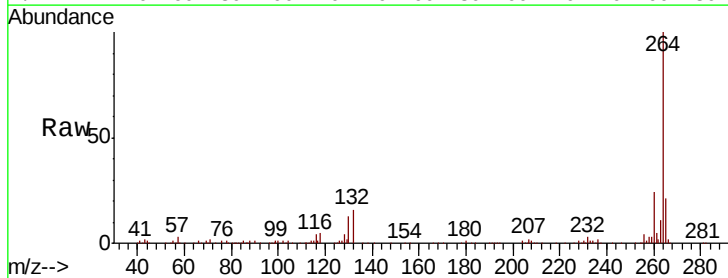
Tgt Ion:264 Resp: 354726

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

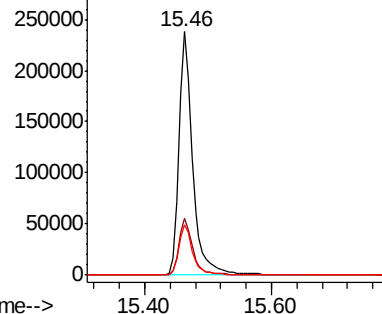
265 20.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

