

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116017.D
 Acq On : 6 Aug 2019 17:08
 Operator : HP/JU
 Sample : K4131-26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(30)

Quant Time: Aug 07 04:14:06 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	130755	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	508062	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271115	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	499356	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	383256	20.00	ng	-0.03
87) Perylene-d12	15.46	264	401351	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	962079	123.18	ng	0.01
7) Phenol-d6	6.48	99	1135898	115.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	886207	100.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	398911	151.76	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1508588	104.23	ng	-0.02
79) Terphenyl-d14	12.94	244	1828419	100.53	ng	-0.02

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.40	42	107	0.025	ng	# 1
6) Aniline	6.62	93	1403	0.099	ng	# 1
8) 2-Chlorophenol	6.63	128	132	0.015	ng	# 1
9) Benzaldehyde	6.48	77	1700	0.250	ng	# 1
10) Phenol	6.62	94	2209	0.190	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1403	0.164	ng	# 1
15) Benzyl Alcohol	7.00	79	14206	1.900	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.10	45	64	0.005	ng	# 65
22) Acetophenone	7.26	105	851	0.076	ng	# 67
24) Nitrobenzene	7.40	77	2635	0.277	ng	# 35
27) 2,4-Dimethylphenol	7.93	122	1265	0.188	ng	# 3
31) Naphthalene	8.15	128	570	0.024	ng	# 29
32) Benzoic acid	7.93	122	1265	0.266	ng	# 91
33) 4-Chloroaniline	8.17	127	3439	0.322	ng	# 59
38) 1-Methylnaphthalene	9.20	142	571	0.038	ng	# 39
46) 1,1'-Biphenyl	9.30	154	3046	0.159	ng	# 95
48) 2-Nitroaniline	9.20	65	2453	0.466	ng	# 1
49) Acenaphthylene	9.90	152	120	0.005	ng	# 1
52) Acenaphthene	9.91	154	306	0.021	ng	# 74
53) 3-Nitroaniline	9.98	138	134	0.027	ng	# 4
58) Fluorene	10.67	166	16581	1.039	ng	# 90
60) Diethylphthalate	10.29	149	2988	0.173	ng	# 94
63) Azobenzene	10.67	77	2039	0.115	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.66	198	755	0.285	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	11120	0.740	ng	# 47
71) Phenanthrene	11.39	178	1845	0.072	ng	# 81
72) Anthracene	11.44	178	418	0.016	ng	# 60
73) Carbazole	11.62	167	379	0.016	ng	# 58
74) Di-n-butylphthalate	11.92	149	7723	0.282	ng	# 100
75) Fluoranthene	12.58	202	820	0.031	ng	# 64
77) Benzidine	12.94	184	24777	1.914	ng	# 95
78) Pyrene	12.81	202	554	0.019	ng	# 56
80) Butylbenzylphthalate	13.42	149	465	0.038	ng	# 62
81) Benzo(a)anthracene	14.00	228	1076	0.044	ng	# 51

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QLast Update : Wed Jul 31 15:31:51 2019
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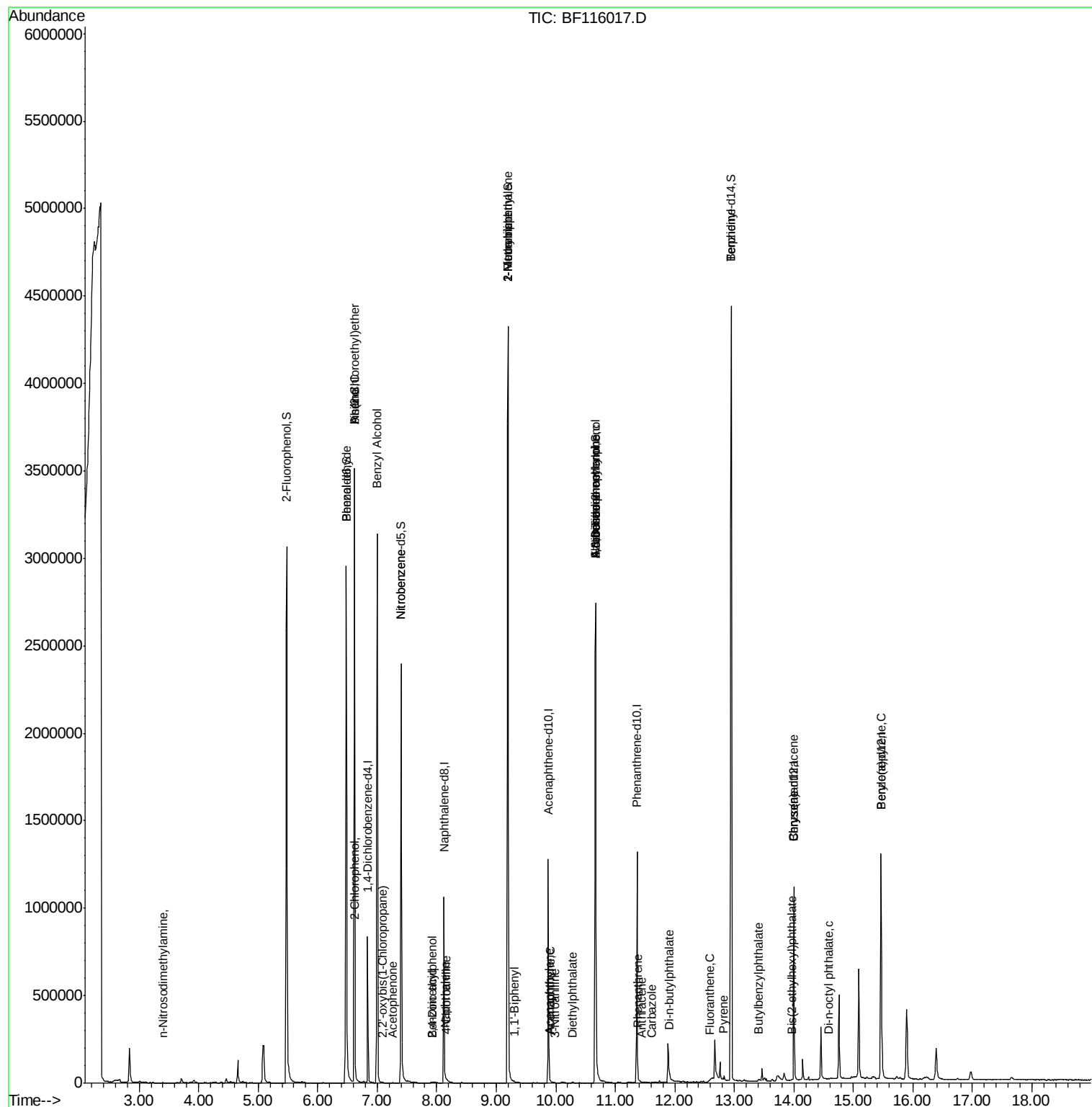
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	14.00	228	1076	0.045	ng	# 50
84) Bis(2-ethylhexyl)phthalate	13.97	149	2258	0.142	ng	# 95
85) Di-n-octyl phthalate	14.57	149	275	0.011	ng	# 78
90) Benzo(a)pyrene	15.46	252	1615	0.078	ng	# 1

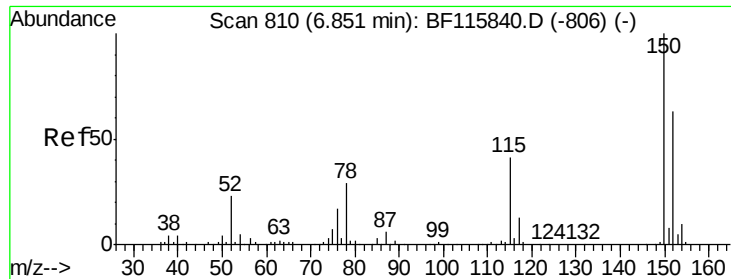
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

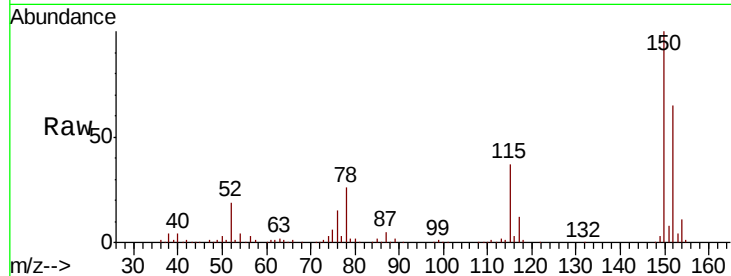
Tot Ion:152 Resp: 130755

Ion Ratio Lower Upper

152 100

150 154.5 127.4 191.0

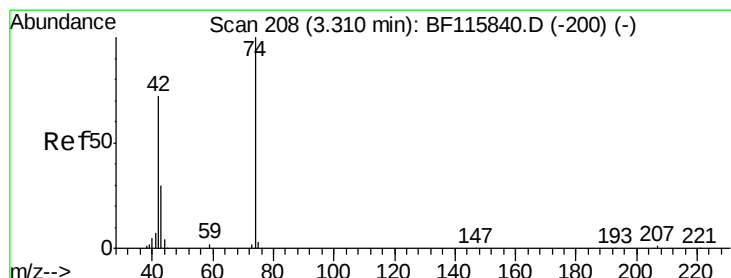
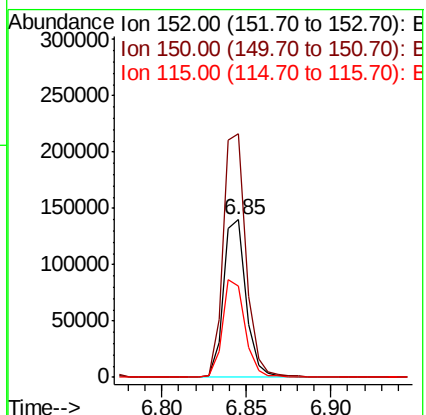
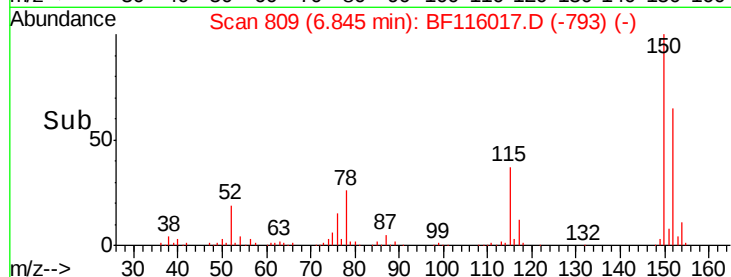
115 57.8 51.8 77.8



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: 0.025 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

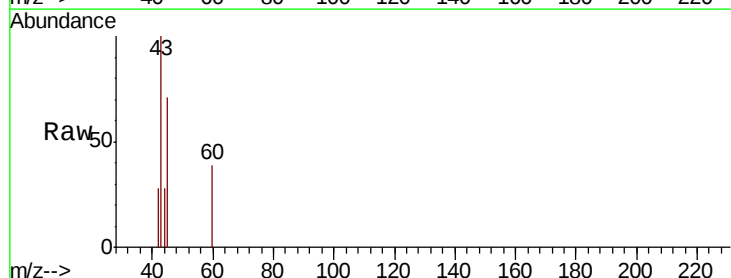
Tgt Ion: 42 Resp: 107

Ion Ratio Lower Upper

42 100

74 0.0 111.0 166.4#

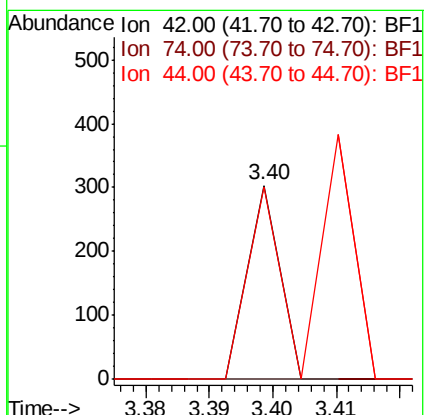
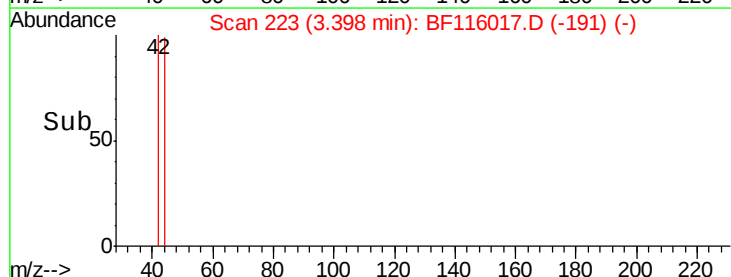
44 99.0 4.7 7.1#

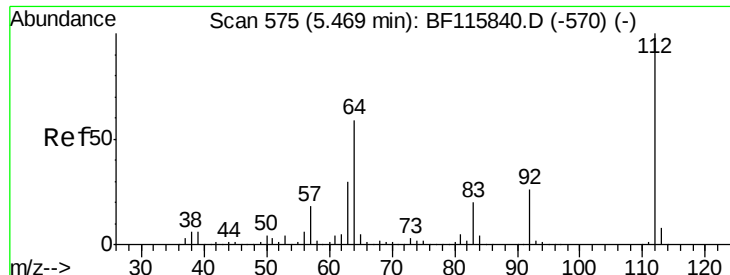


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

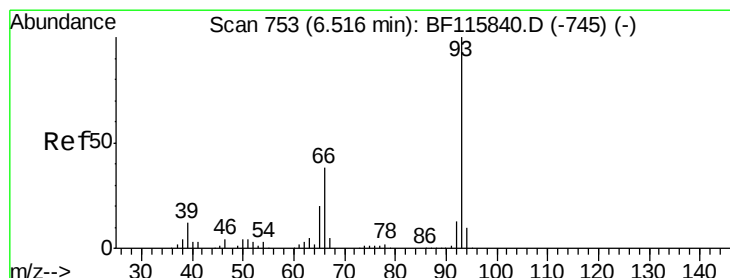
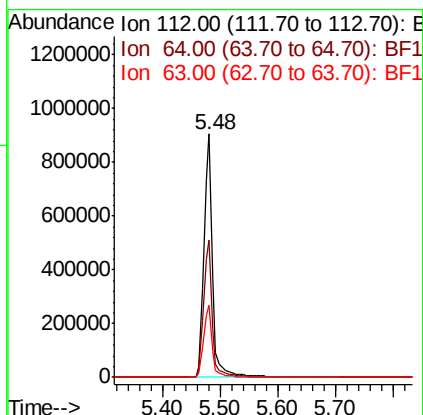
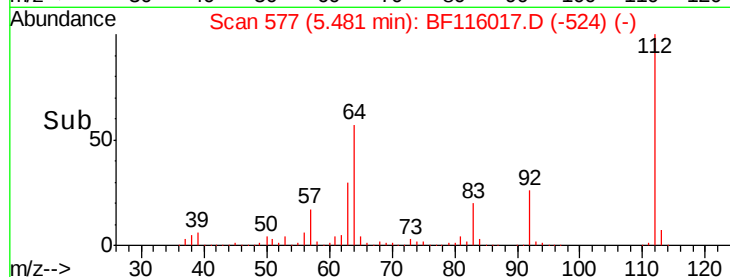
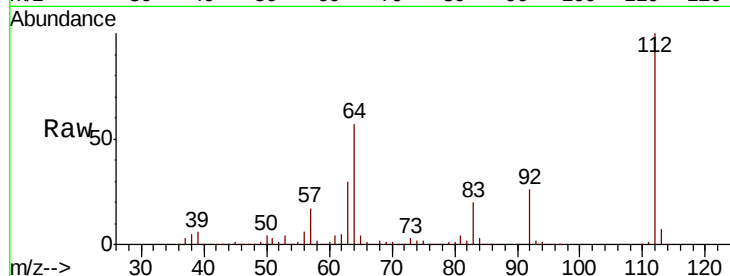




#5
2-Fluorophenol
Concen: 123.175 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

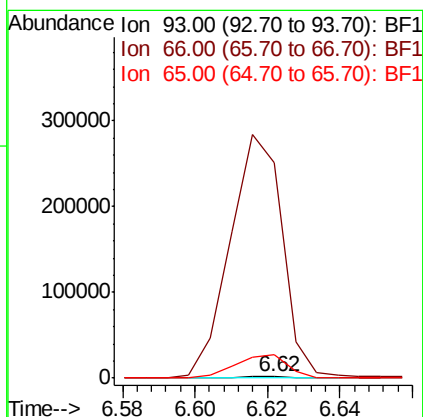
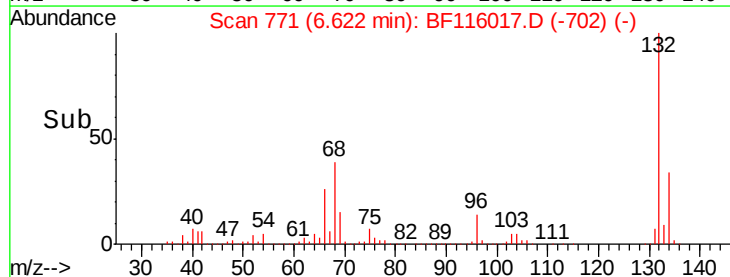
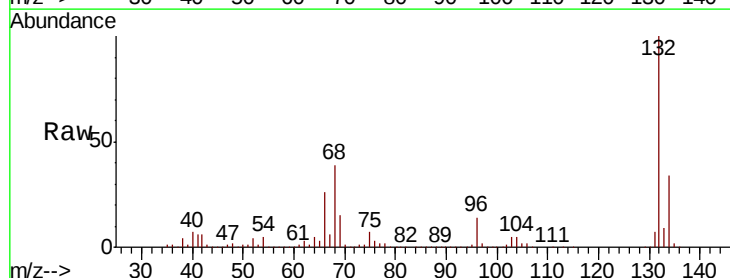
Instrument :
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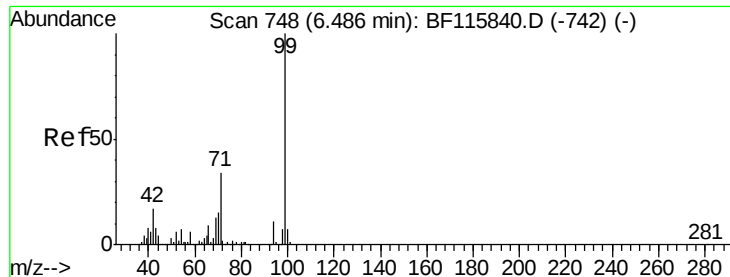
Tot Ion:112 Resp: 962079
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 29.6 24.2 36.2



#6
Aniline
Concen: 0.099 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.11 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion: 93 Resp: 1403
Ion Ratio Lower Upper
93 100
66 16761.1 31.4 47.0#
65 1806.8 16.5 24.7#





#7

Phenol-d6

Concen: 115.267 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

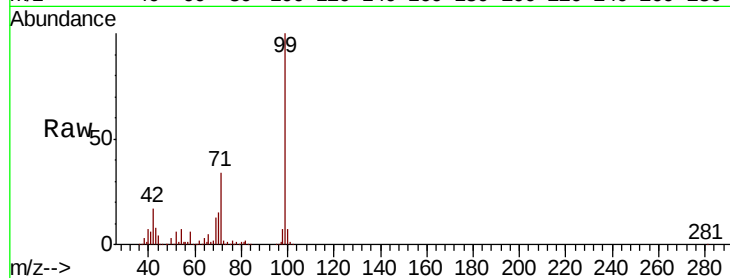
Tot Ion: 99 Resp: 1135898

Ion Ratio Lower Upper

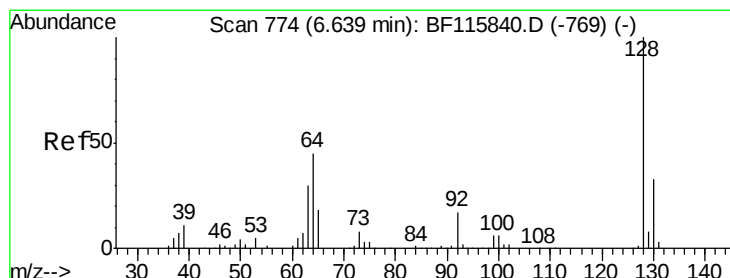
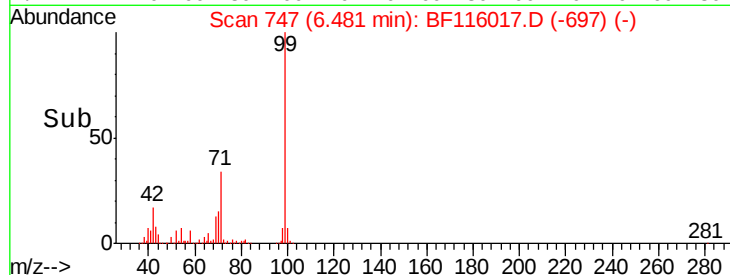
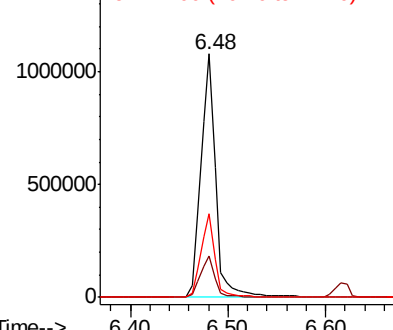
99 100

42 17.0 13.8 20.6

71 34.2 27.1 40.7



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



#8

2-Chlorophenol

Concen: 0.015 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

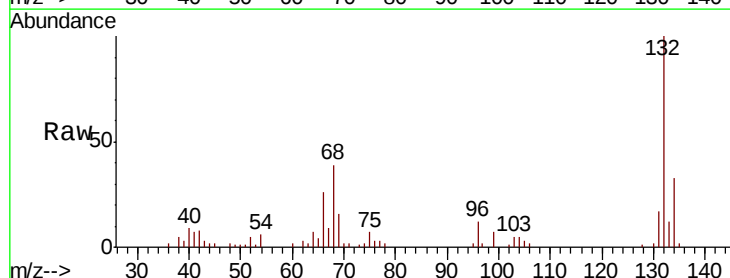
Tgt Ion: 128 Resp: 132

Ion Ratio Lower Upper

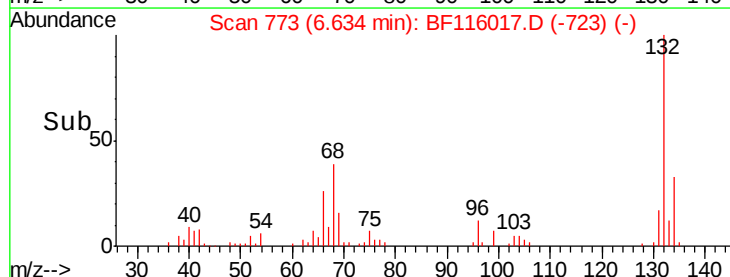
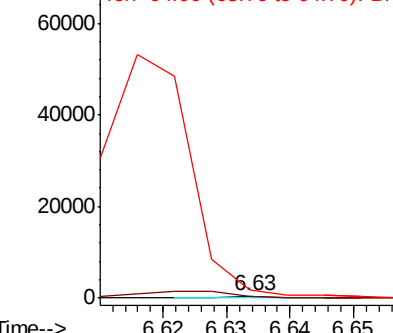
128 100

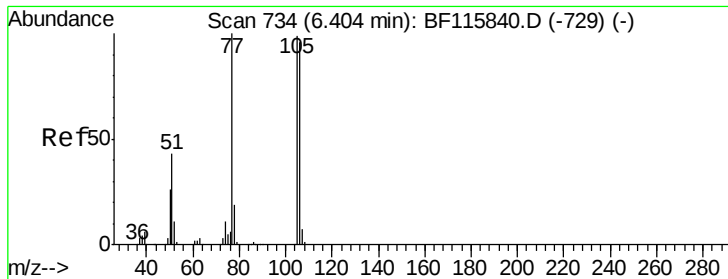
130 106.1 12.9 52.9#

64 448.3 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: 0.250 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

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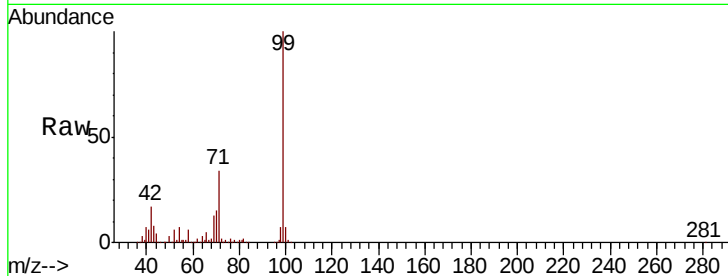
Tot Ion: 77 Resp: 1700

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

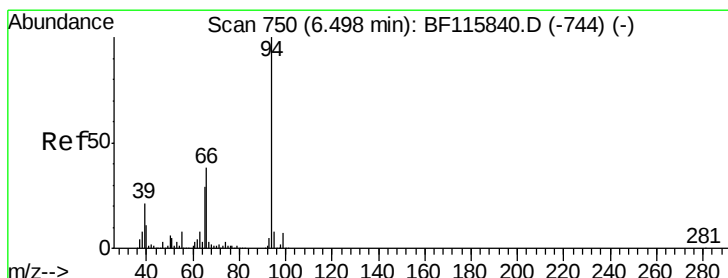
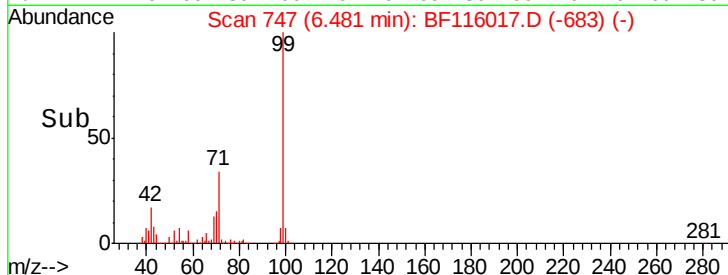
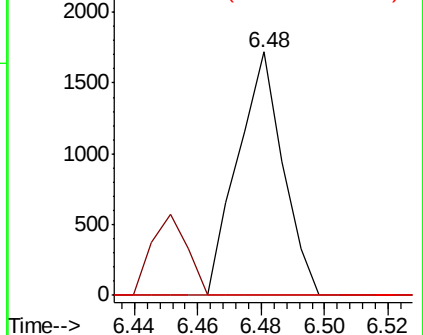
106 0.0 76.2 116.2#



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: 0.190 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.12 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

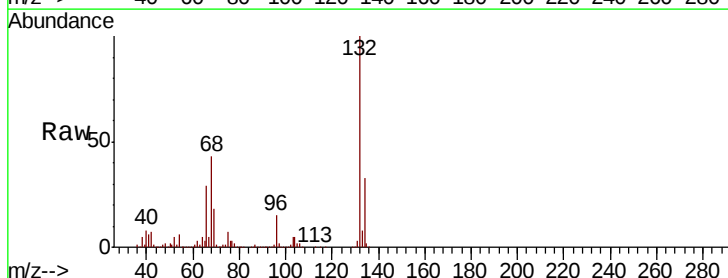
Tgt Ion: 94 Resp: 2209

Ion Ratio Lower Upper

94 100

65 1220.5 8.9 48.9#

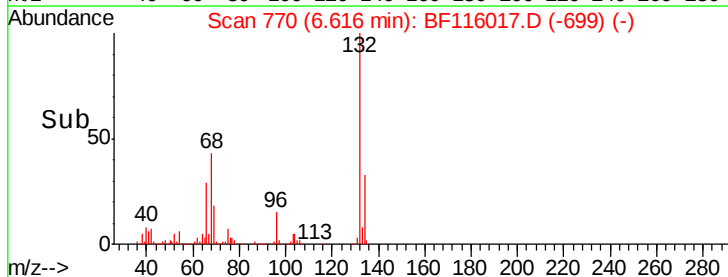
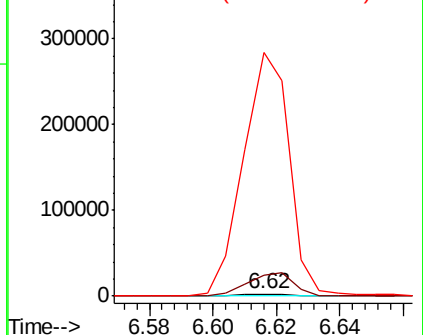
66 13838.1 18.0 58.0#

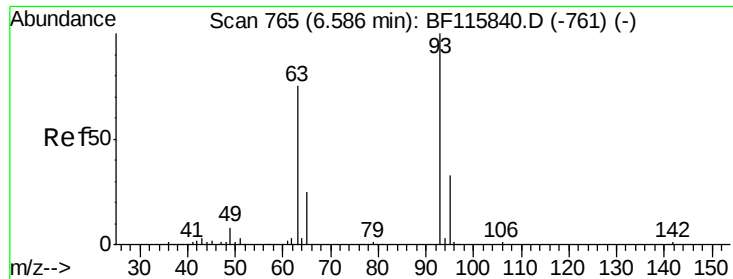


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.164 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.04 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

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ClientSampleId :

1S-D1-D4-COMP-(30)

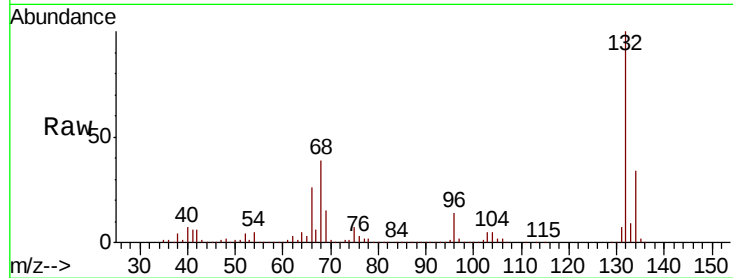
Tot Ion: 93 Resp: 1403

Ion Ratio Lower Upper

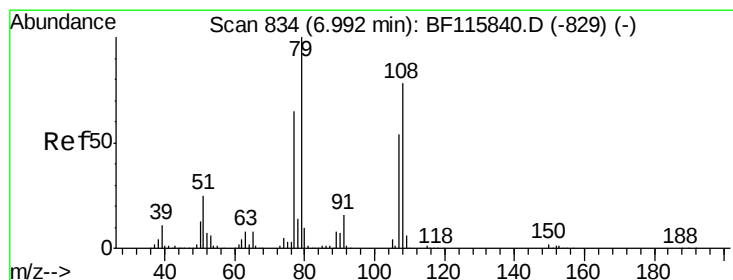
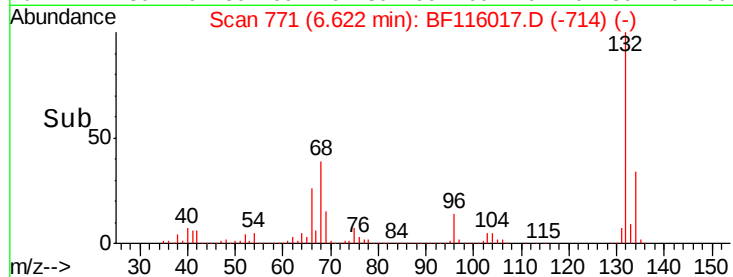
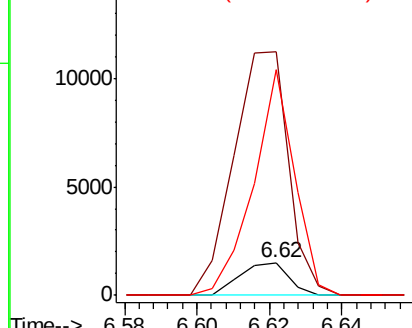
93 100

63 747.6 54.9 94.9#

95 694.8 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: 1.900 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

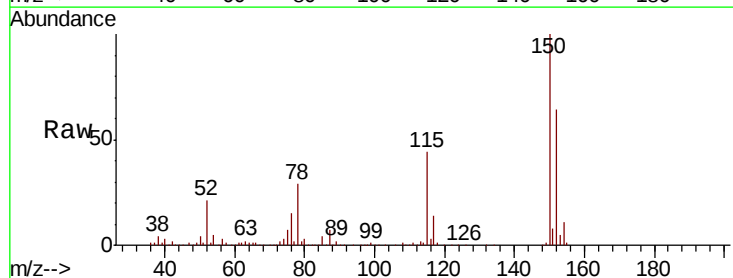
Tgt Ion: 79 Resp: 14206

Ion Ratio Lower Upper

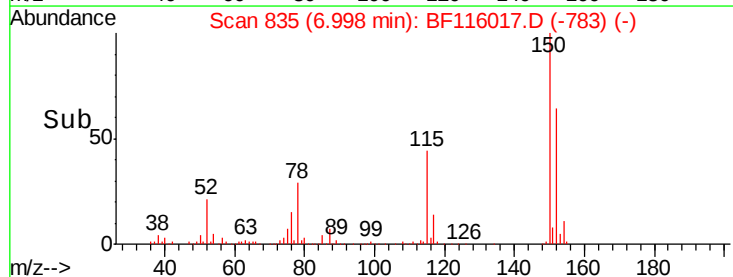
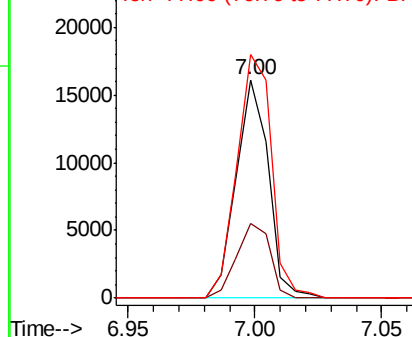
79 100

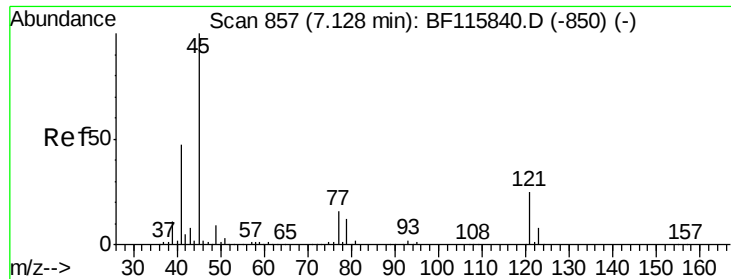
108 34.0 62.8 94.2#

77 111.6 52.0 78.0#



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

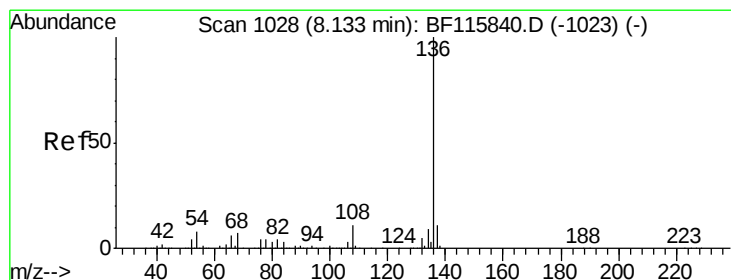
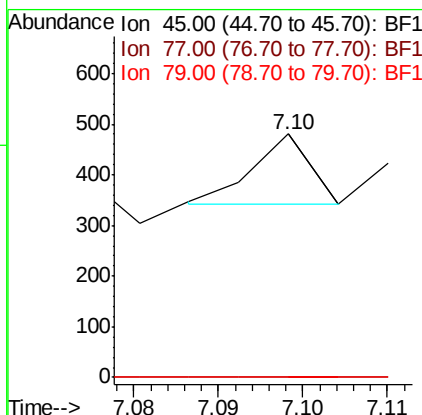
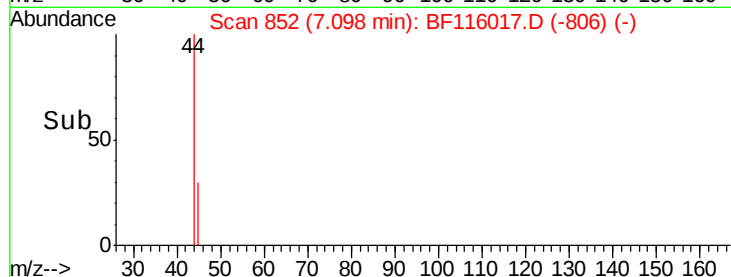
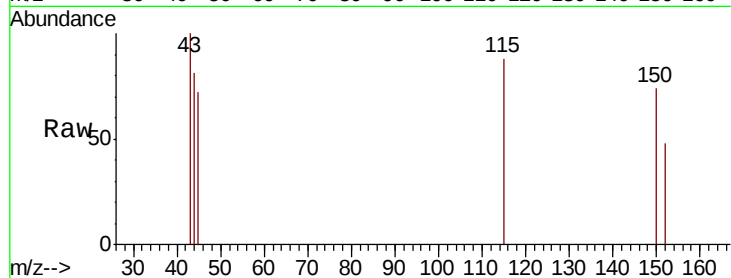




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

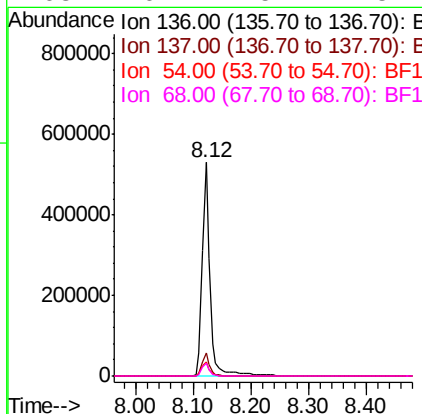
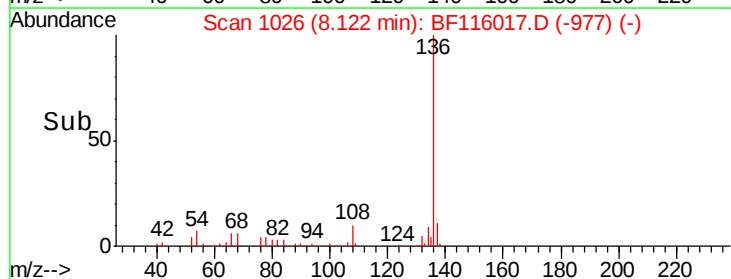
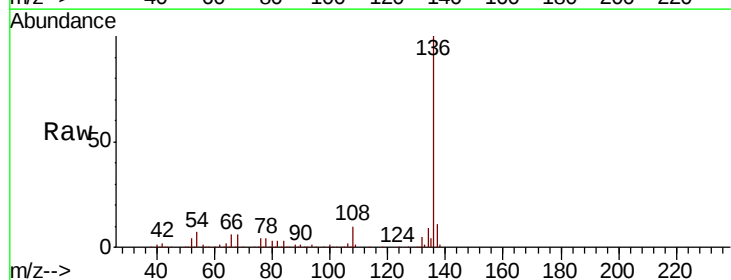
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

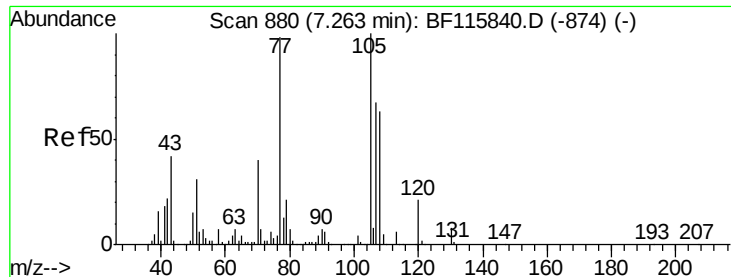
Tot Ion: 45 Resp: 64
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion: 136 Resp: 508062
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.9 6.1 9.1
68 6.2 5.4 8.2





#22

Acetophenone

Concen: 0.076 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

Tot Ion:105 Resp: 851

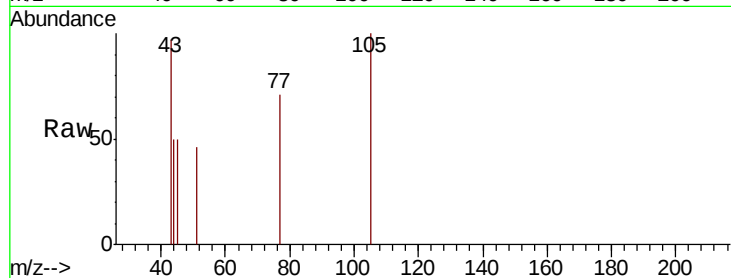
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 45.6 24.6 36.8#

120 0.0 17.0 25.6#

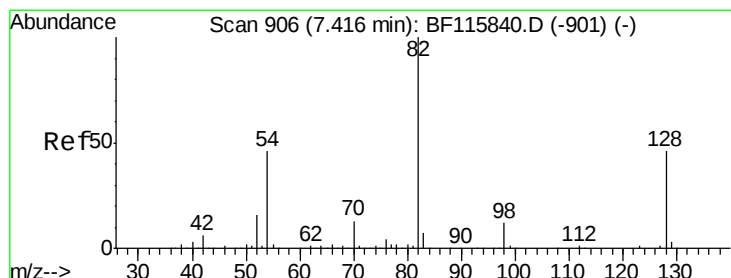
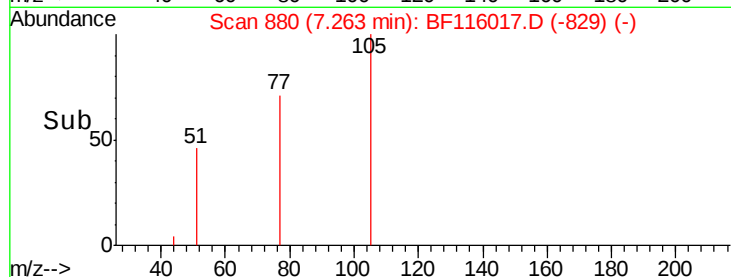
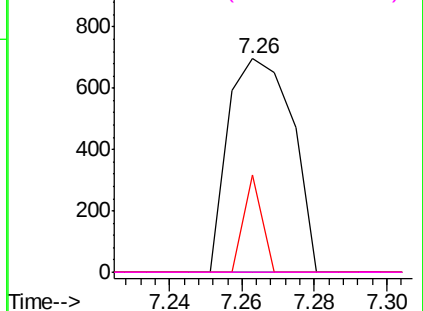


Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.686 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

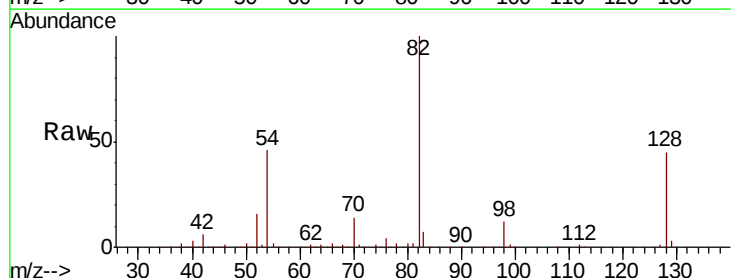
Tgt Ion: 82 Resp: 886207

Ion Ratio Lower Upper

82 100

128 45.4 36.6 55.0

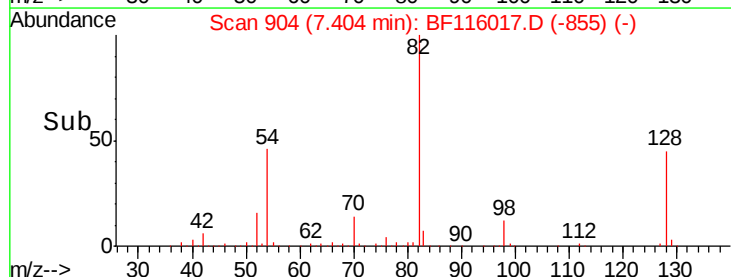
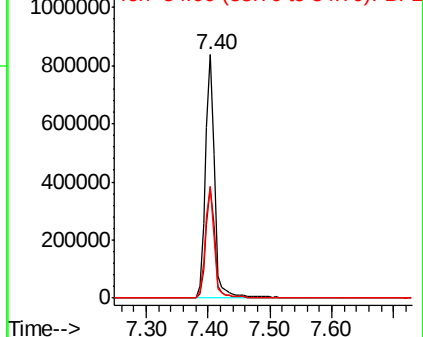
54 45.7 36.6 55.0

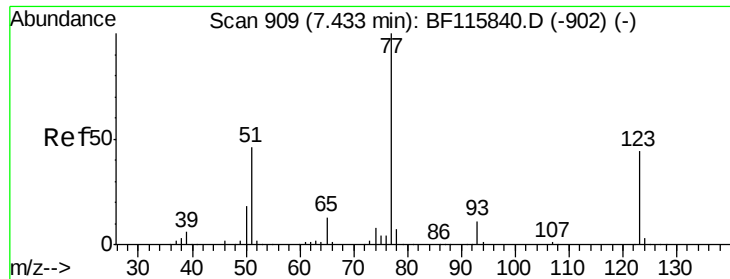


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.277 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

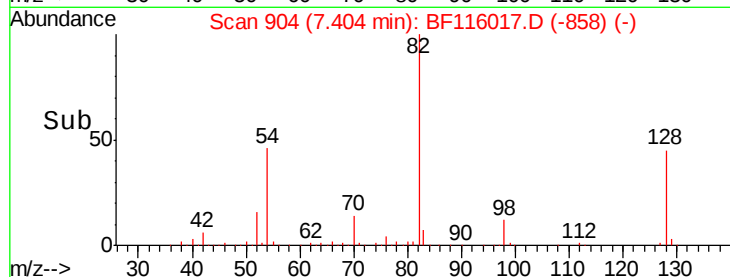
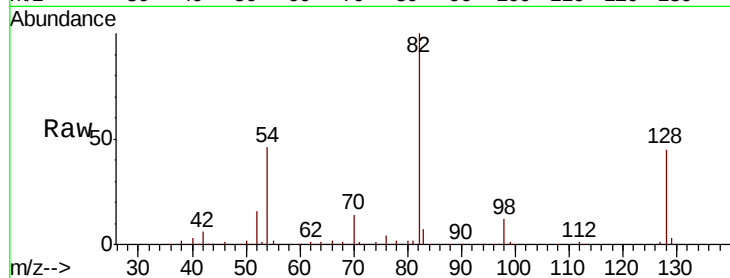
Tot Ion: 77 Resp: 2635

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

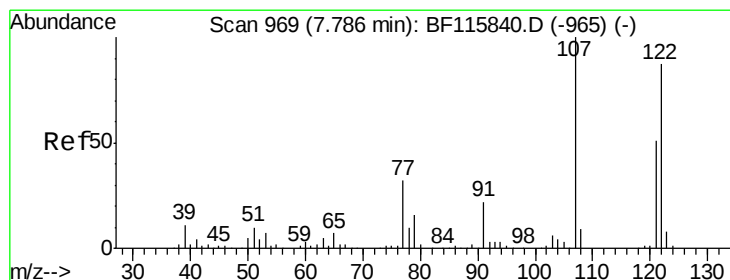
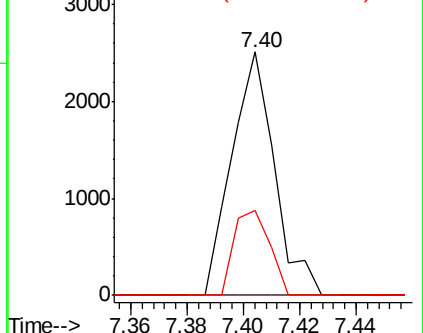
65 34.8 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.188 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.14 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

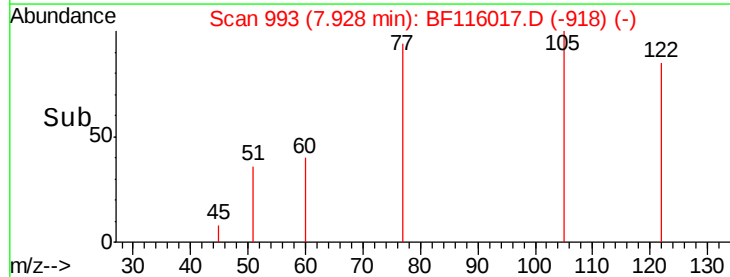
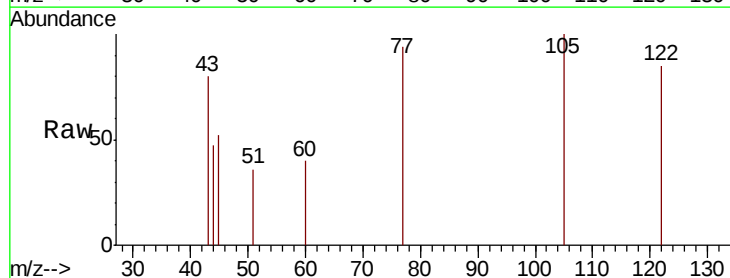
Tgt Ion: 122 Resp: 1265

Ion Ratio Lower Upper

122 100

107 0.0 91.7 137.5#

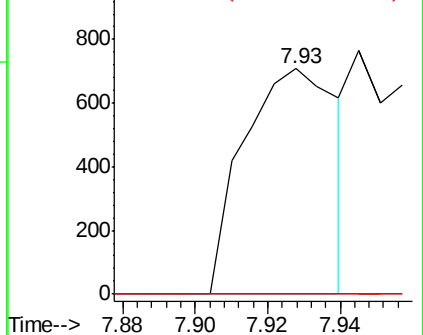
121 0.0 46.6 70.0#

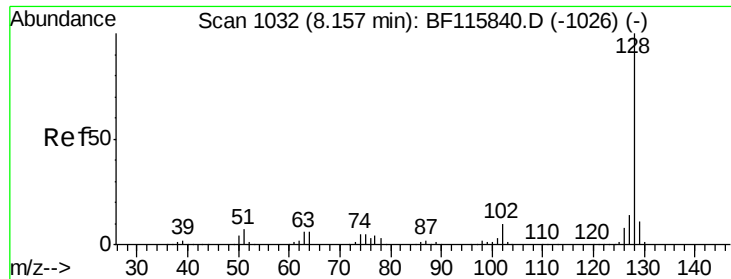


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

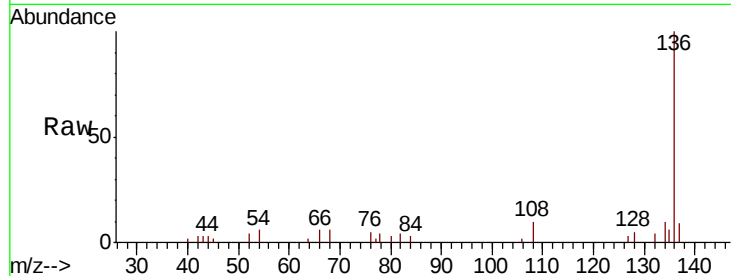




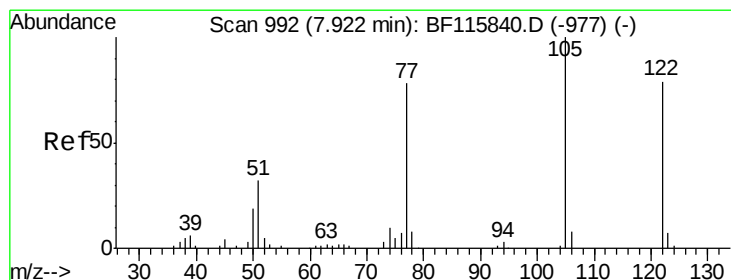
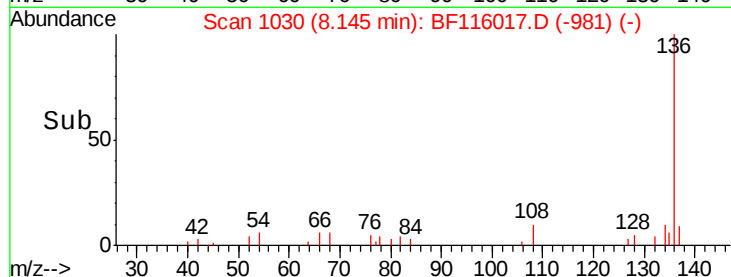
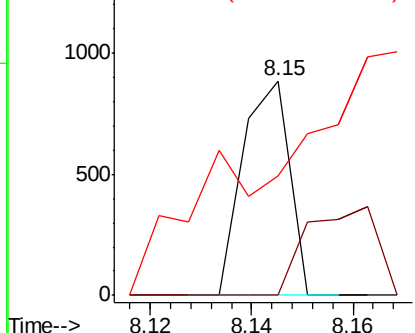
#31
Naphthalene
Concen: 0.024 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

Tot Ion:128 Resp: 570
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 55.9 11.0 16.4#

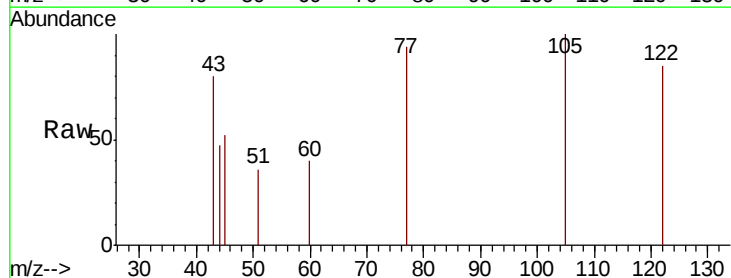


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

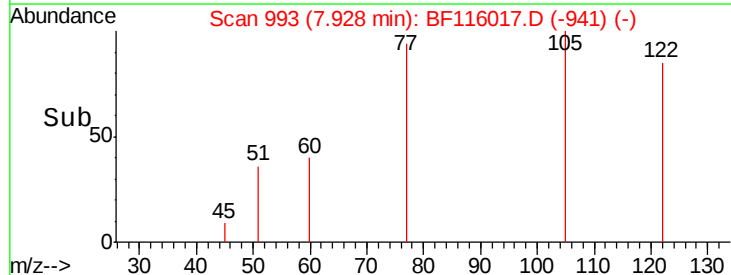
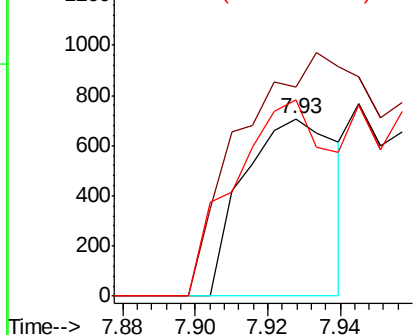


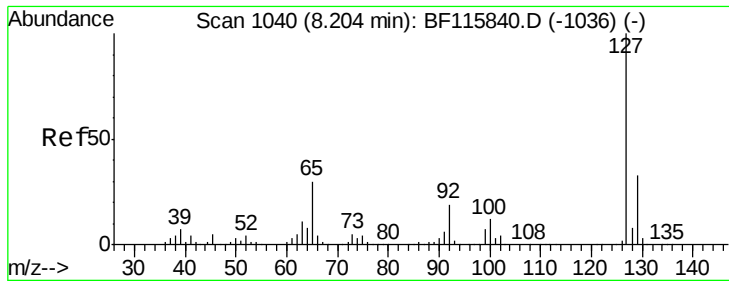
#32
Benzoic acid
Concen: 0.266 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:122 Resp: 1265
Ion Ratio Lower Upper
122 100
105 117.9 103.1 143.1
77 110.3 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

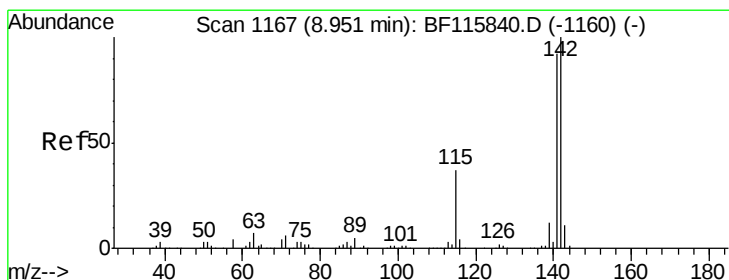
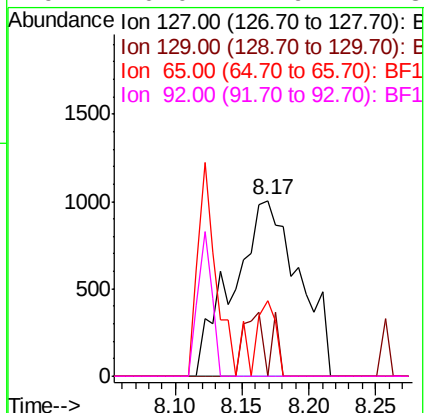
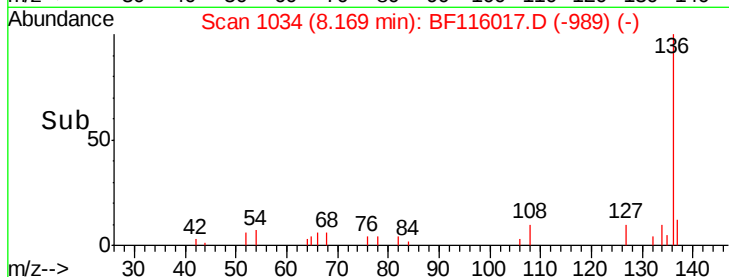
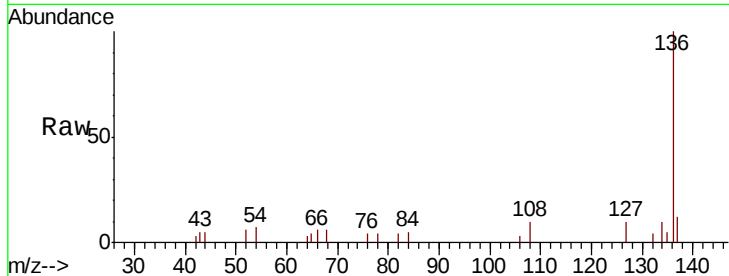




#33
4-Chloroaniline
Concen: 0.322 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

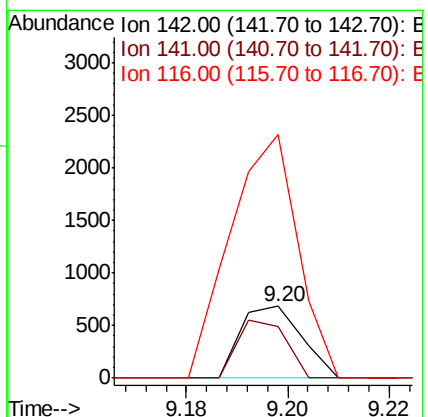
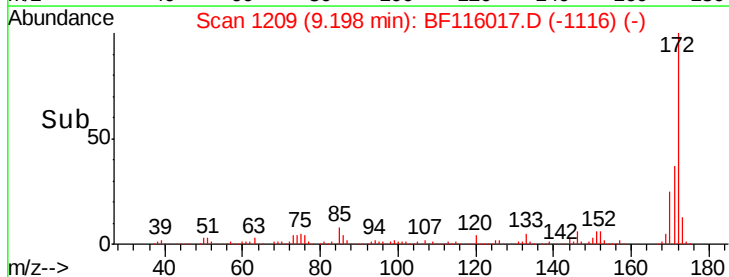
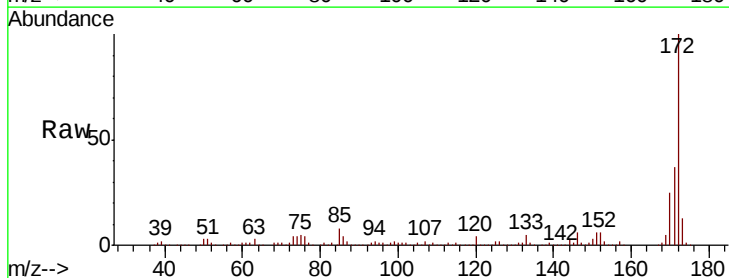
Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

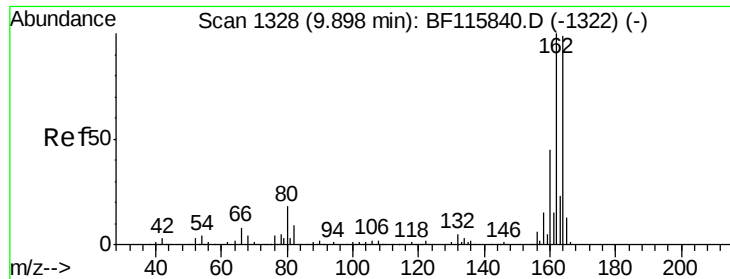
Tot Ion:127	Resp:	3439
Ion Ratio	Lower	Upper
127	100	
129	0.0	26.0 39.0#
65	42.6	23.9 35.9#
92	0.0	14.9 22.3#



#38
1-Methylnaphthalene
Concen: 0.038 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.25 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:142	Resp:	571
Ion Ratio	Lower	Upper
142	100	
141	72.8	73.8 110.6#
116	340.2	3.1 4.7#

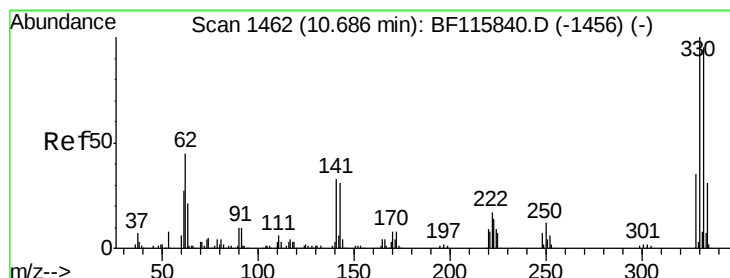
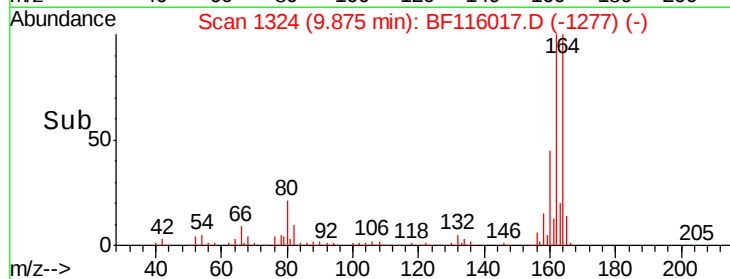
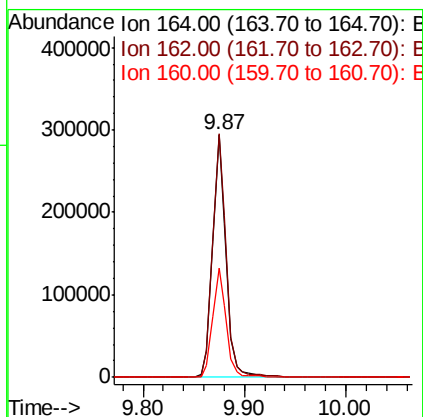
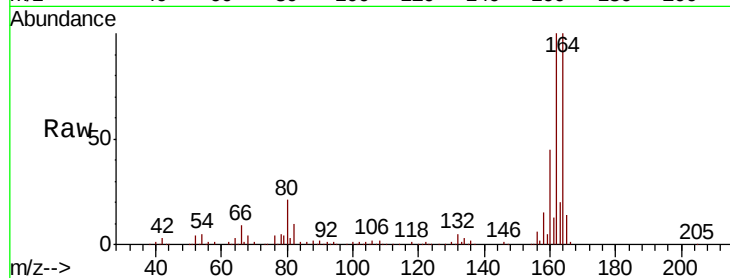




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

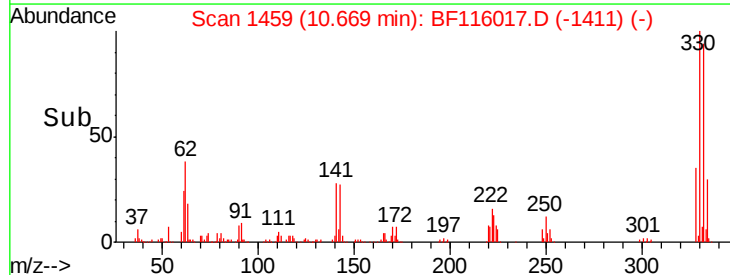
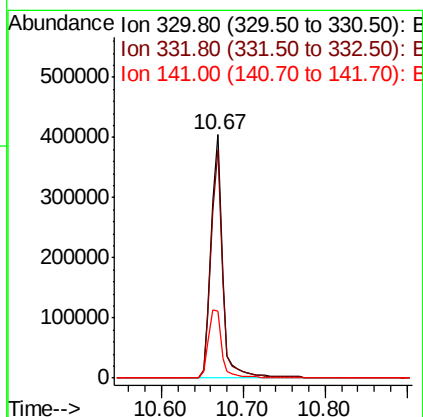
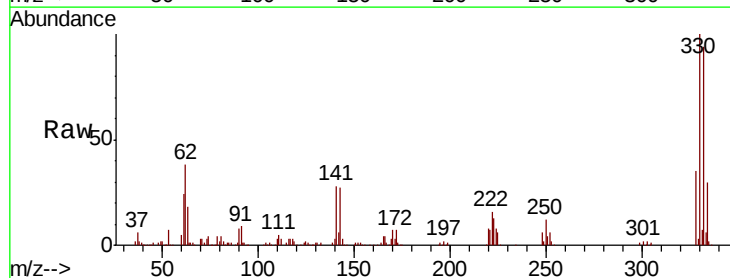
Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(30)

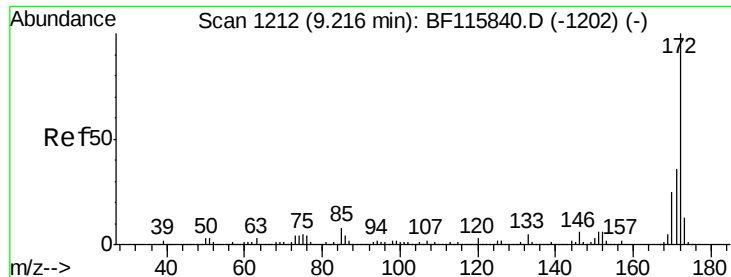
Tot Ion:164 Resp: 271115
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.8 121.2
 160 44.9 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 151.762 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion:330 Resp: 398911
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 33.3 28.1 42.1

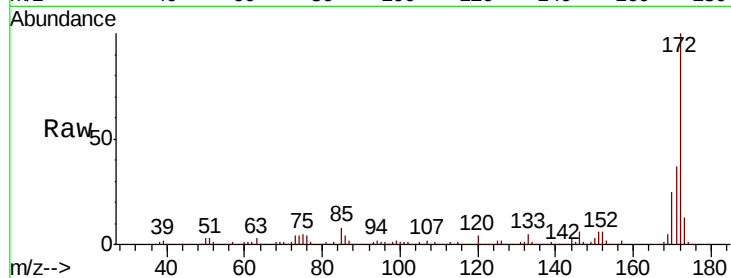




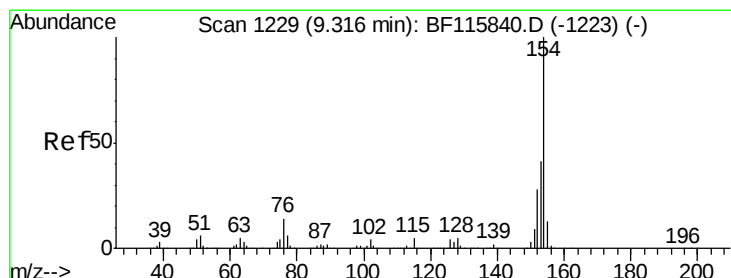
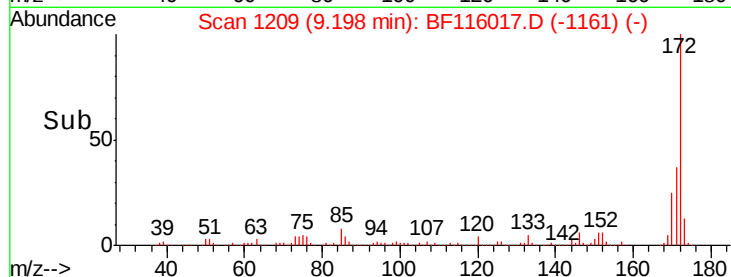
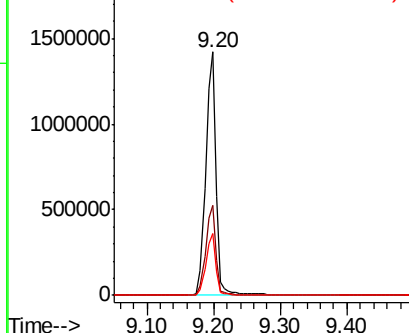
#45
2-Fluorobiphenyl
Concen: 104.225 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

Tot Ion:172 Resp: 1508588
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.4 20.1 30.1

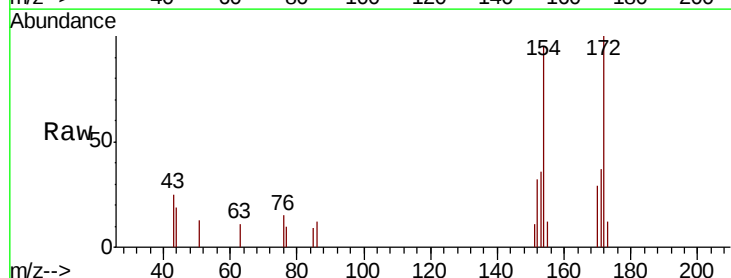


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

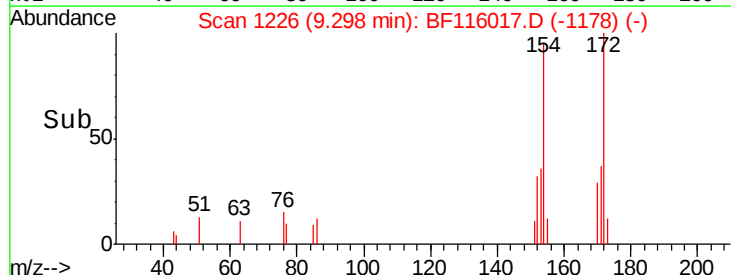
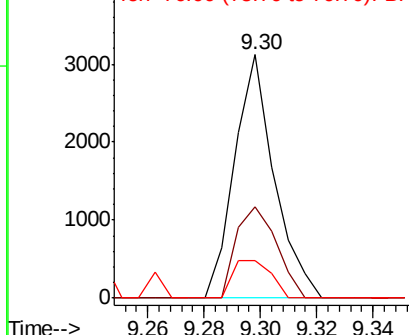


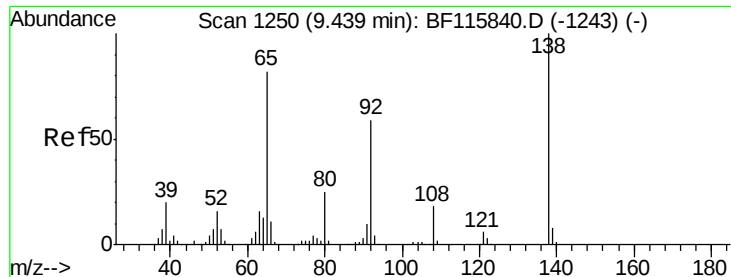
#46
1,1'-Biphenyl
Concen: 0.159 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:154 Resp: 3046
Ion Ratio Lower Upper
154 100
153 37.4 20.9 60.9
76 15.6 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

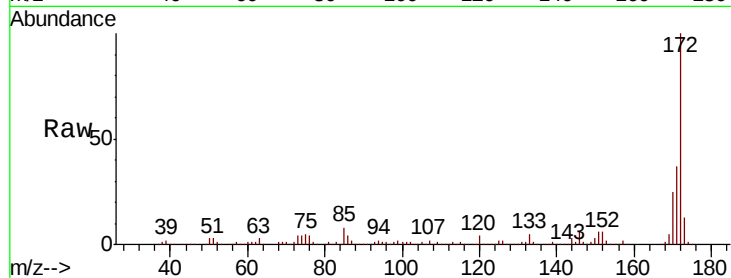




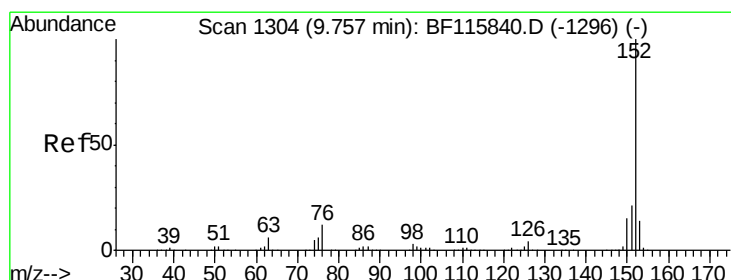
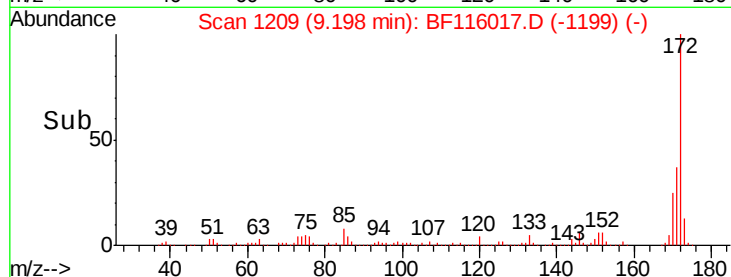
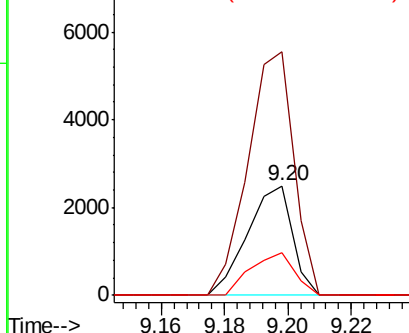
#48
 2-Nitroaniline
 Concen: 0.466 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(30)

Tot Ion: 65 Resp: 2453
 Ion Ratio Lower Upper
 65 100
 92 222.0 57.1 85.7#
 138 38.8 97.1 145.7#

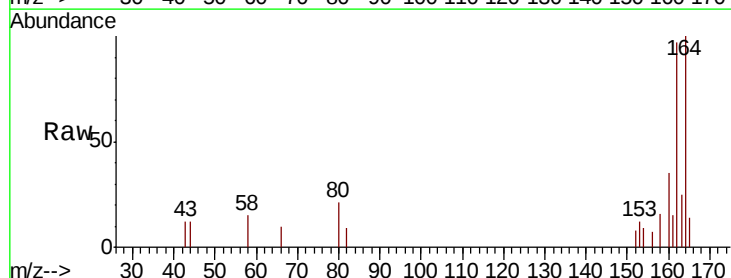


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

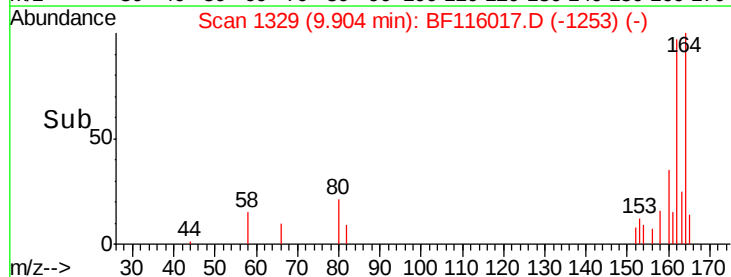
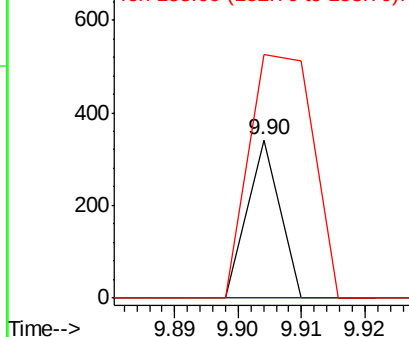


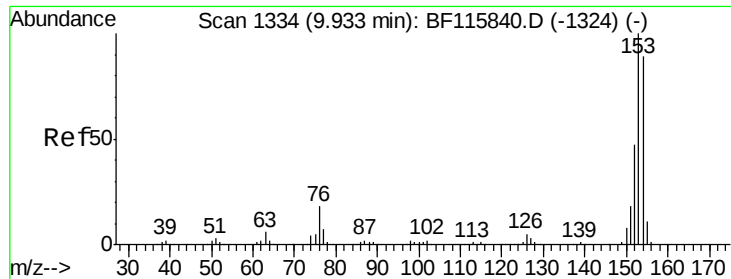
#49
 Acenaphthylene
 Concen: 0.005 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.15 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion: 152 Resp: 120
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 154.3 11.6 17.4#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#52

Acenaphthene

Concen: 0.021 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

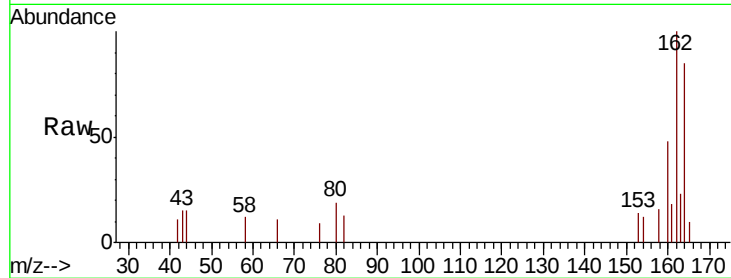
Tot Ion:154 Resp: 306

Ion Ratio Lower Upper

154 100

153 115.3 90.1 135.1

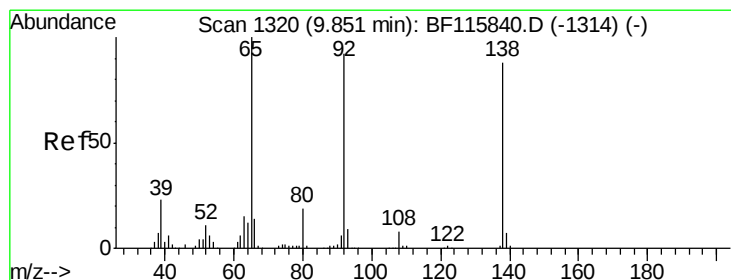
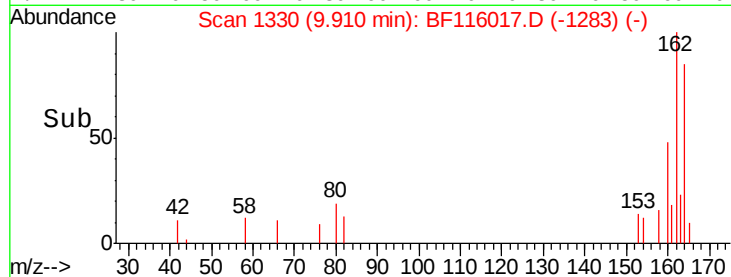
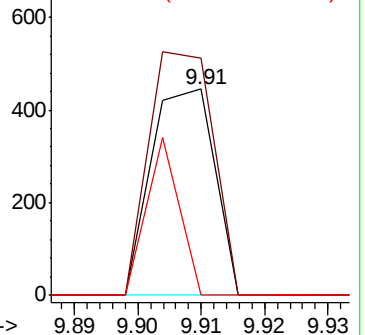
152 0.0 42.6 63.8#



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



#53

3-Nitroaniline

Concen: 0.027 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.13 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

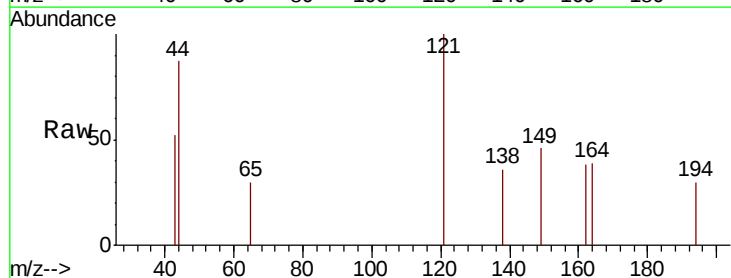
Tgt Ion:138 Resp: 134

Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.2#

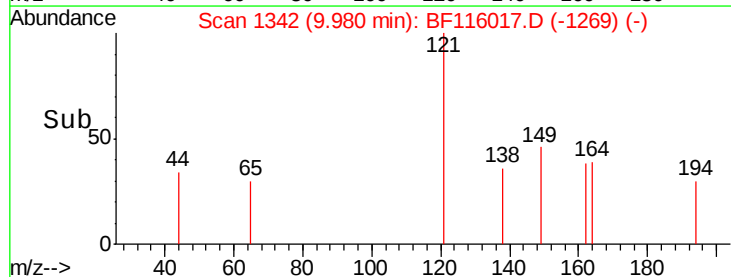
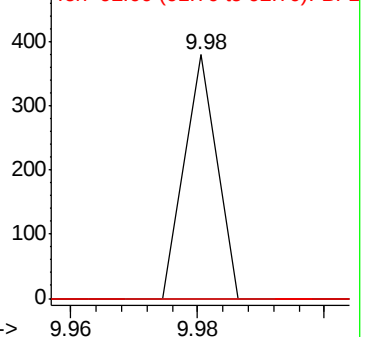
92 0.0 83.9 125.9#

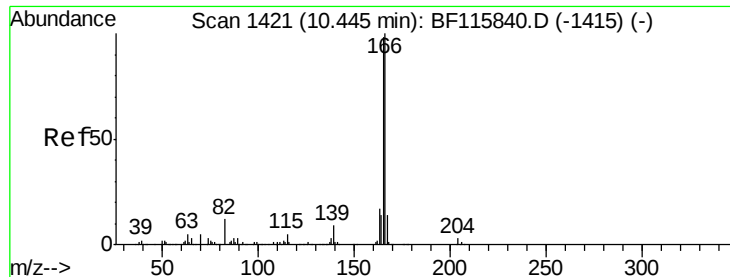


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#58

Fluorene

Concen: 1.039 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.22 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

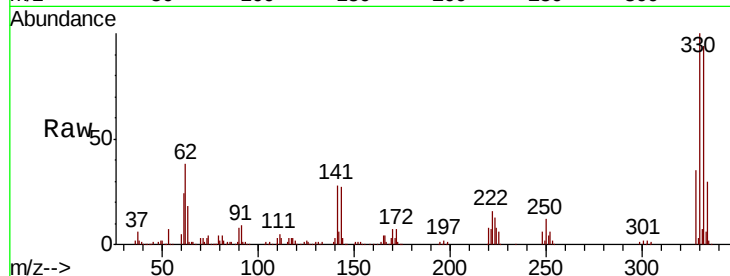
Tot Ion:166 Resp: 16581

Ion Ratio Lower Upper

166 100

165 103.0 78.6 118.0

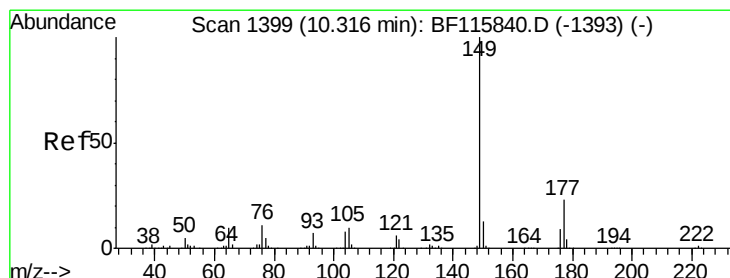
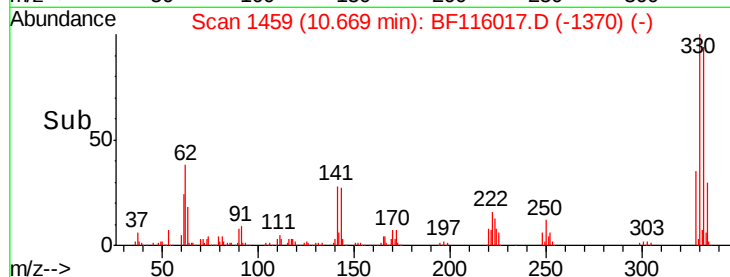
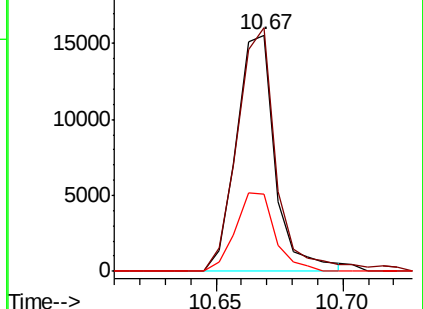
167 32.5 10.9 16.3#



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: 0.173 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

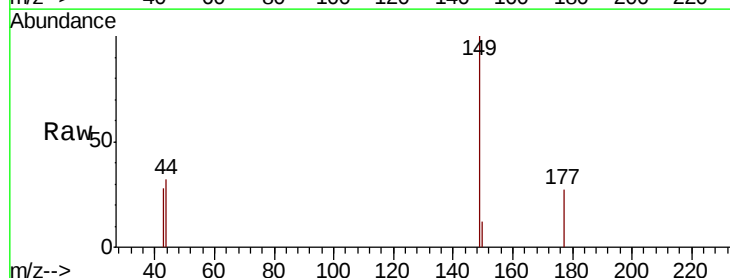
Tgt Ion:149 Resp: 2988

Ion Ratio Lower Upper

149 100

177 27.0 18.4 27.6

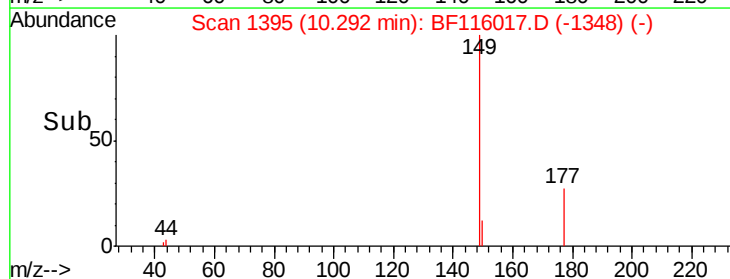
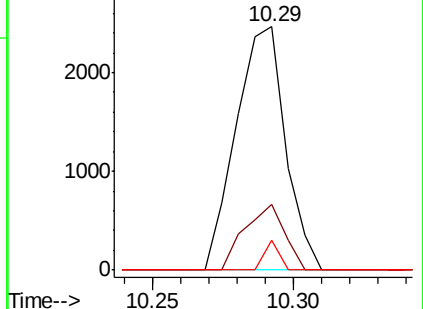
150 12.2 10.1 15.1

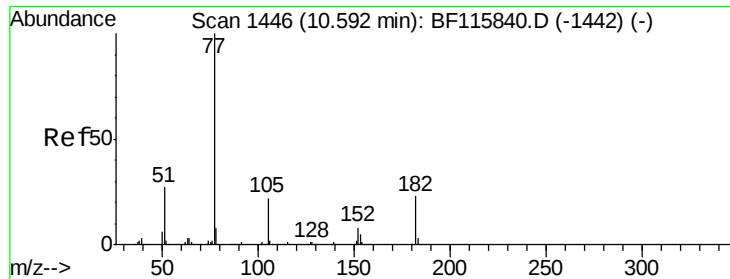


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.115 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.08 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

Tot Ion: 77 Resp: 2039

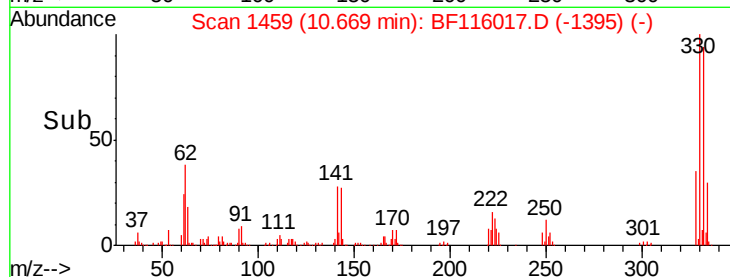
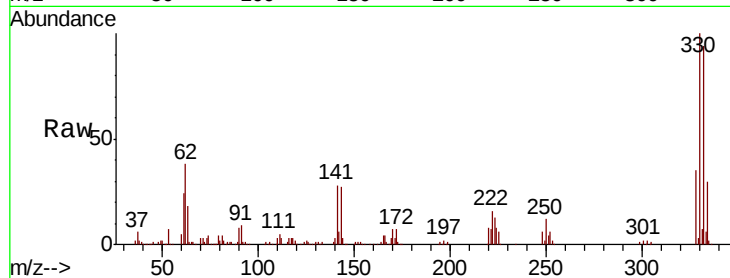
Ion Ratio Lower Upper

77 100

182 0.0 2.6 42.6#

105 84.5 1.6 41.6#

51 63.1 7.4 47.4#

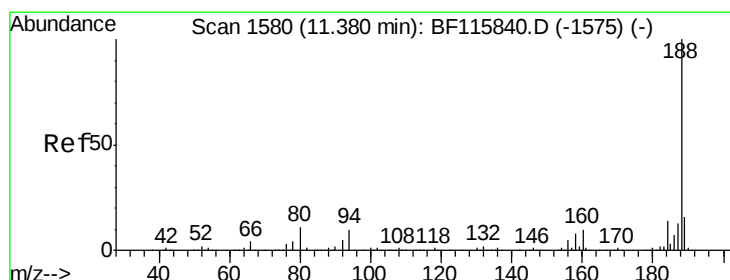
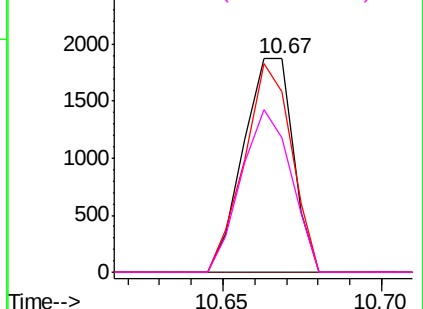


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

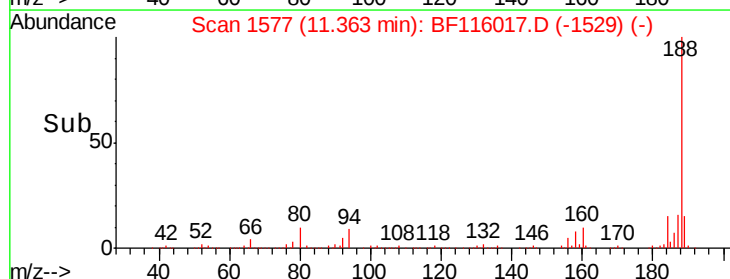
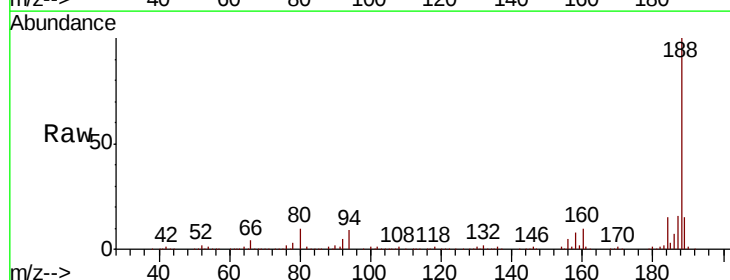
Tgt Ion: 188 Resp: 499356

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

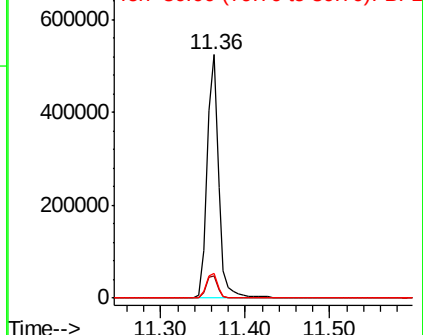
80 10.0 8.6 12.8

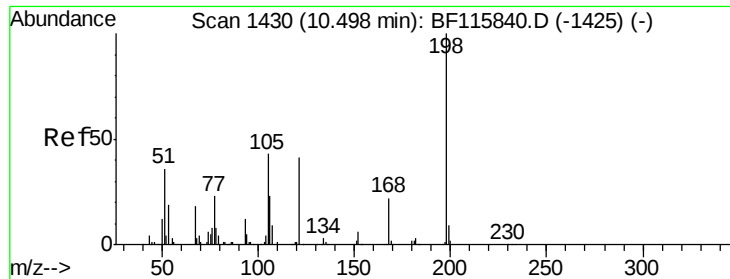


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

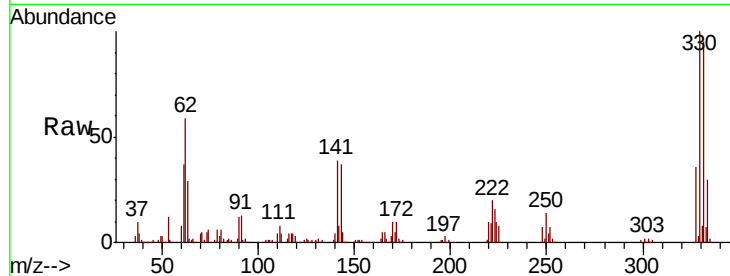




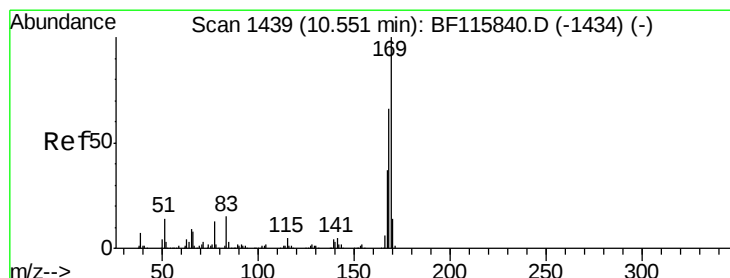
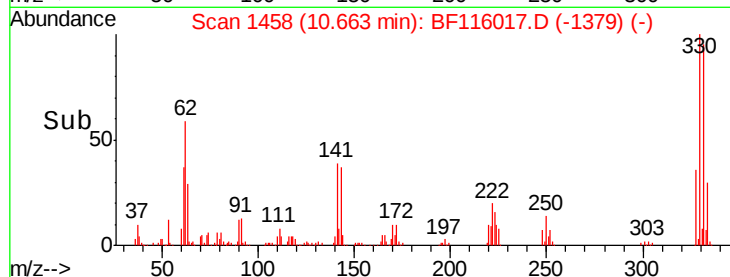
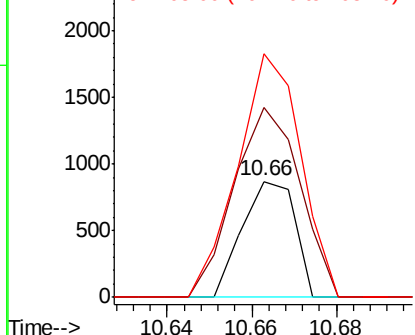
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.285 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.16 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
198	100		
51	163.6	21.1	61.1#
105	210.1	24.5	64.5#

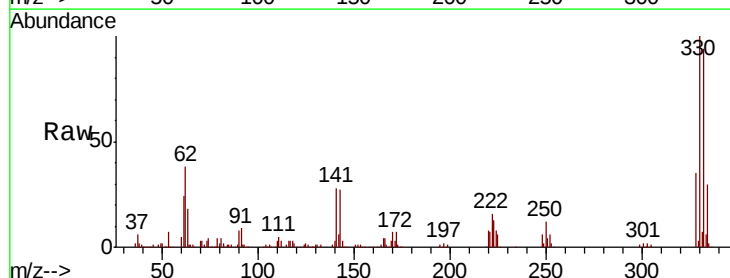


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

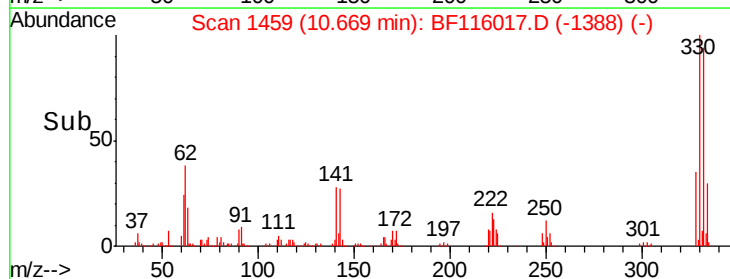
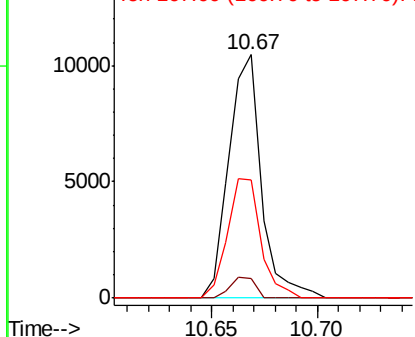


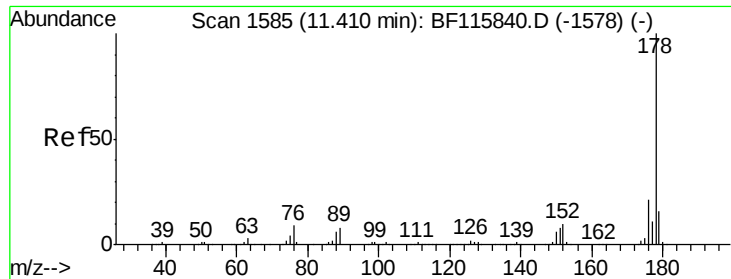
#66
 n-Nitrosodiphenylamine
 Concen: 0.740 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	8.2	53.0	79.6#
167	48.3	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

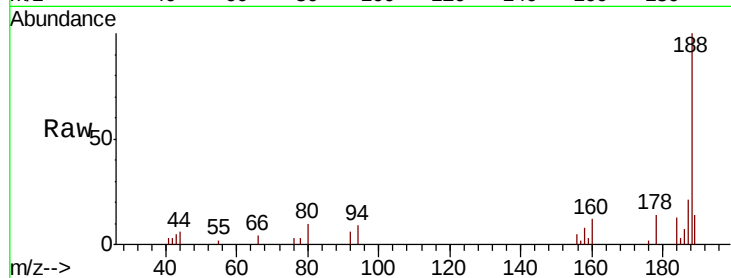




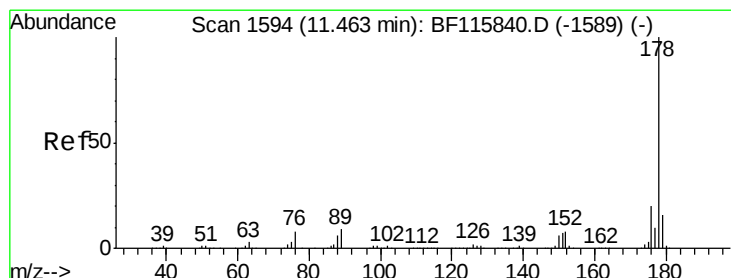
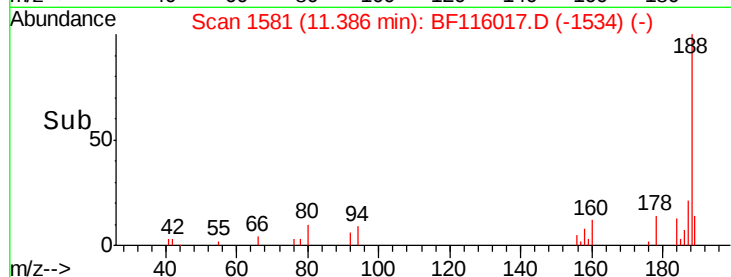
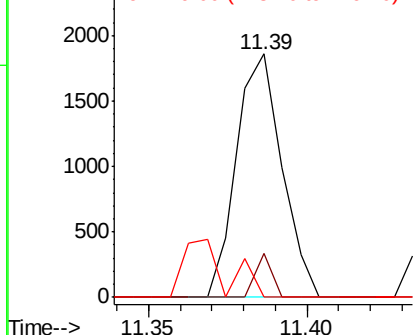
#71
Phenanthrene
Concen: 0.072 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

Tot Ion:178 Resp: 1845
Ion Ratio Lower Upper
178 100
176 18.2 16.5 24.7
179 0.0 12.6 18.8#

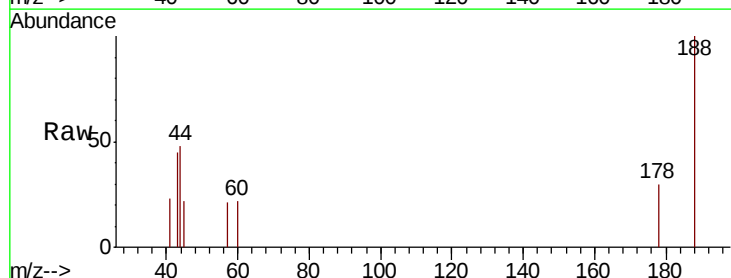


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

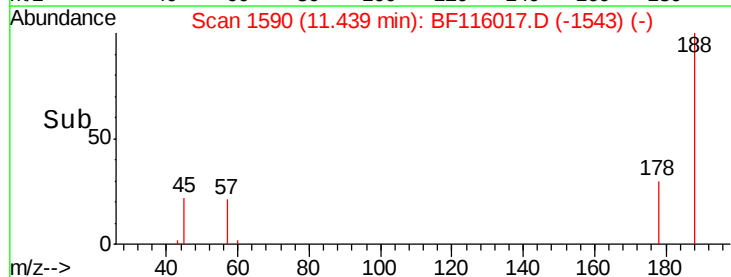
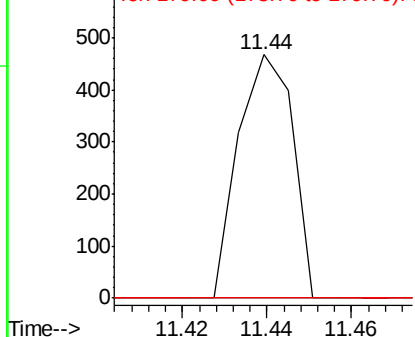


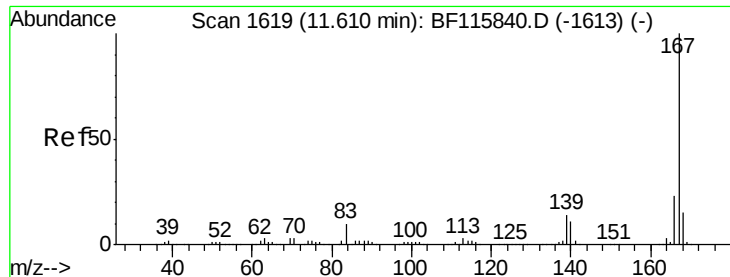
#72
Anthracene
Concen: 0.016 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:178 Resp: 418
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.4 18.6#



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

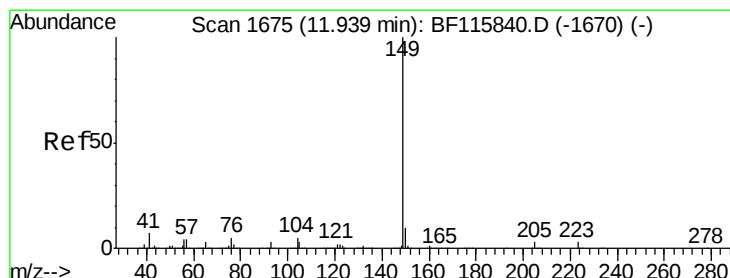
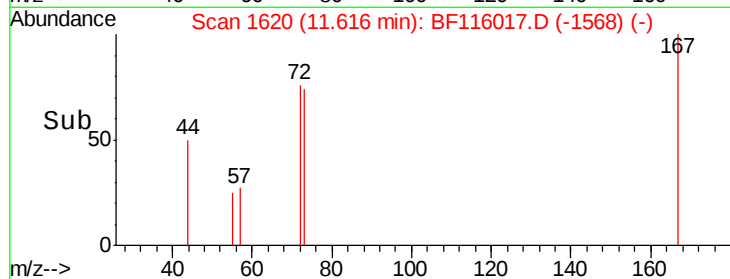
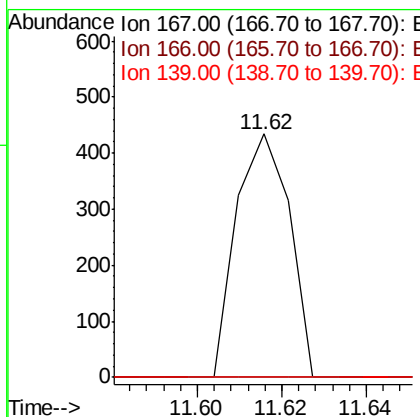
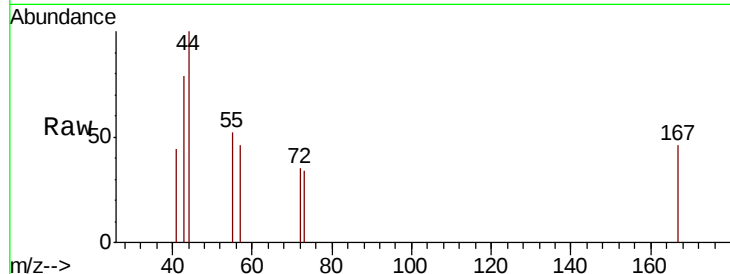




#73
 Carbazole
 Concen: 0.016 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

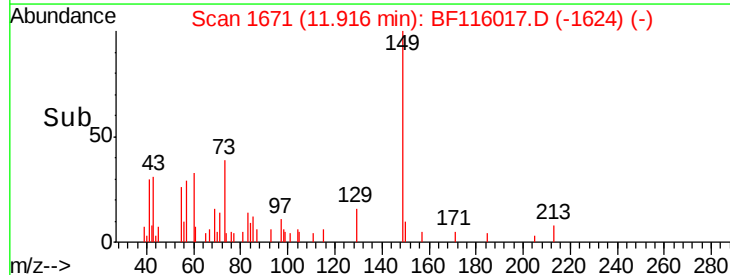
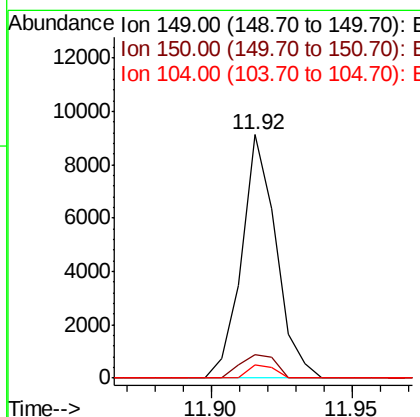
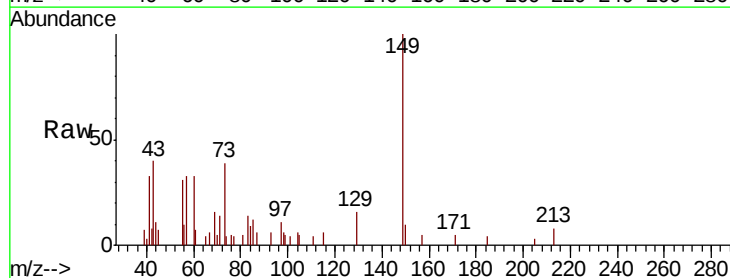
Instrument :
 BNA_F
 ClientSampleId :
 1S-D1-D4-COMP-(30)

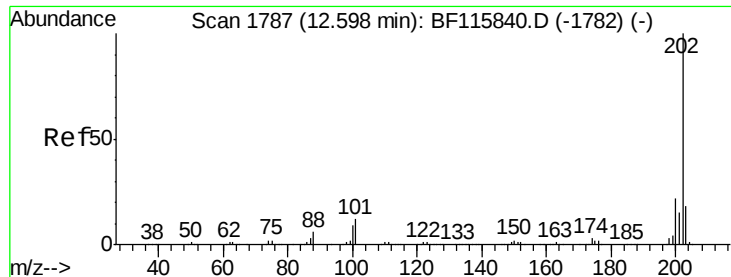
Tot Ion:167 Resp: 379
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 11.4 17.2#



#74
 Di-n-butylphthalate
 Concen: 0.282 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion:149 Resp: 7723
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 0.031 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

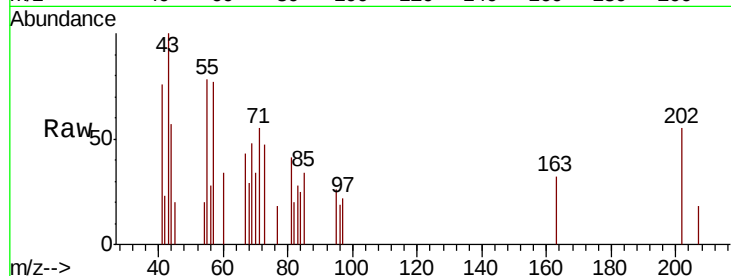
Tot Ion:202 Resp: 820

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

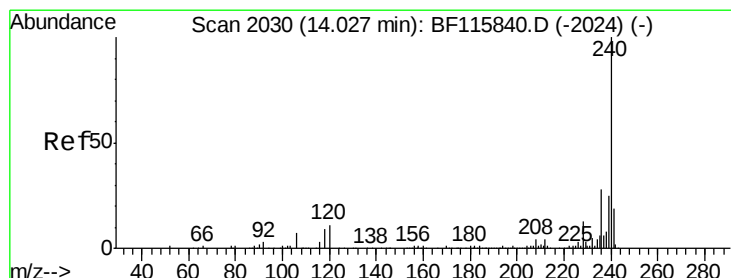
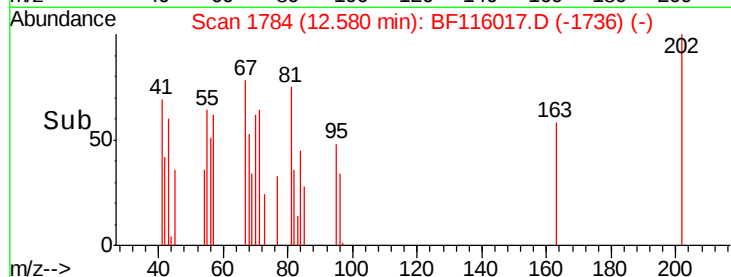
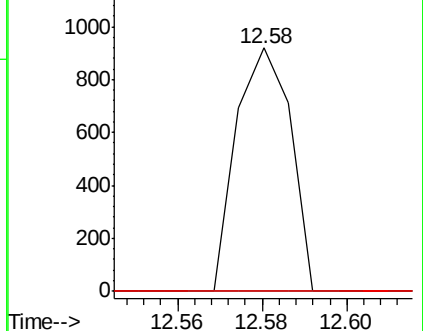
203 0.0 0.0 37.9



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: BF116017.D

Acq: 6 Aug 2019 17:08

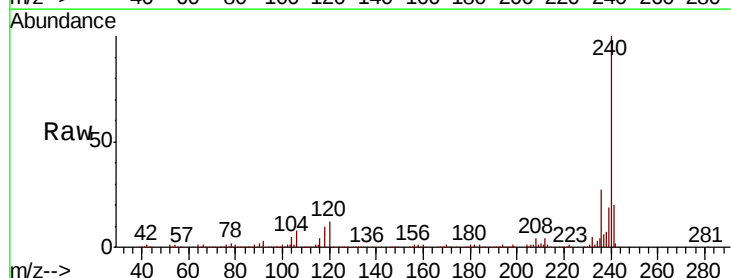
Tgt Ion:240 Resp: 383256

Ion Ratio Lower Upper

240 100

120 11.7 8.5 12.7

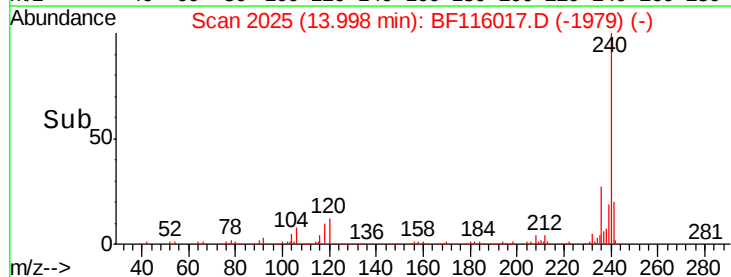
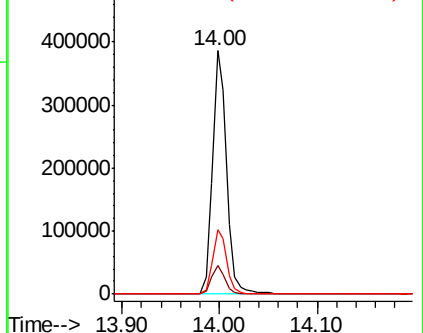
236 26.6 22.2 33.2

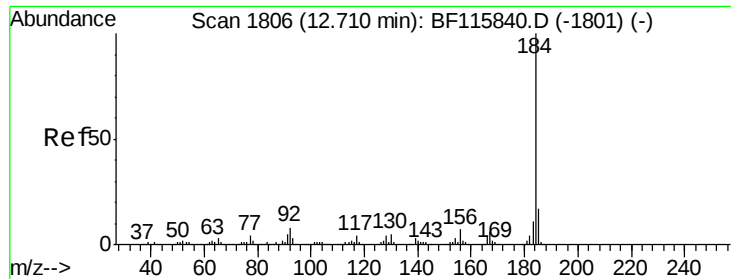


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.914 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.24 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

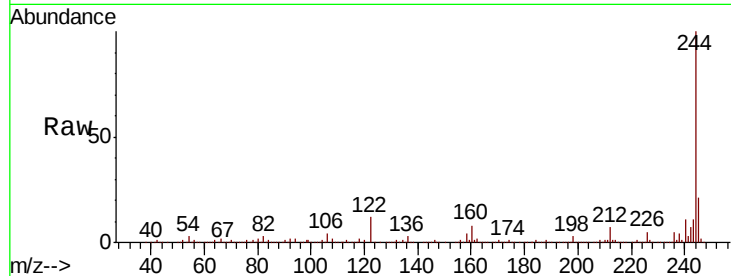
Tot Ion:184 Resp: 24777

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.2

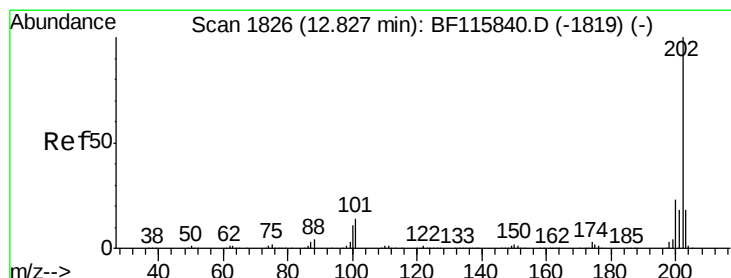
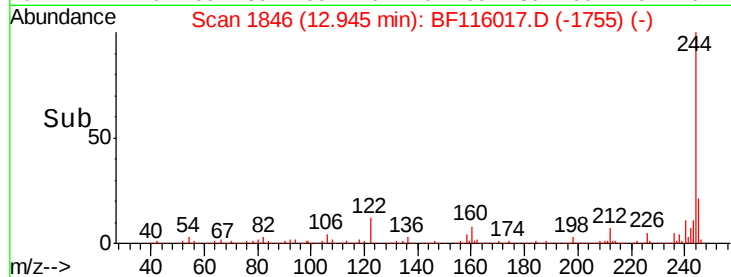
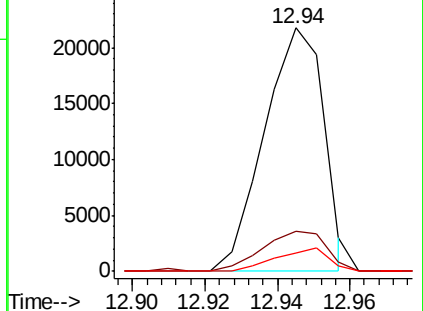
183 7.7 9.1 13.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.019 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

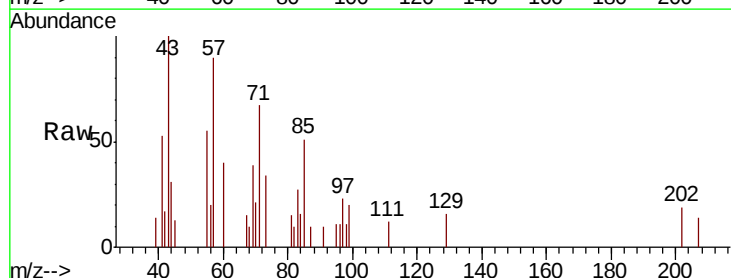
Tgt Ion:202 Resp: 554

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

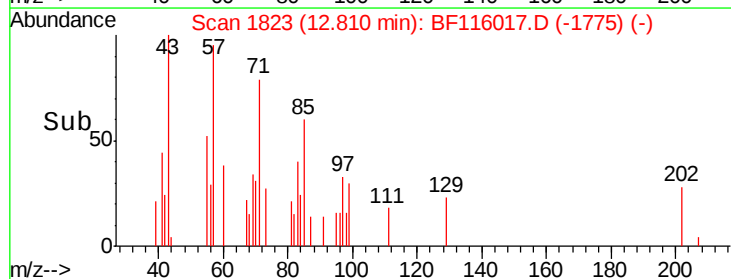
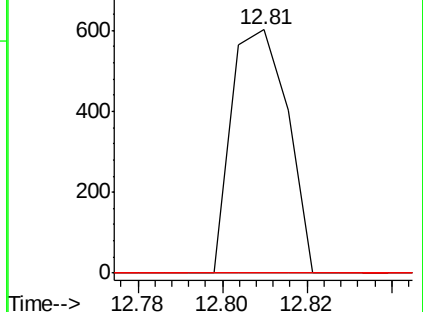
203 0.0 14.3 21.5#

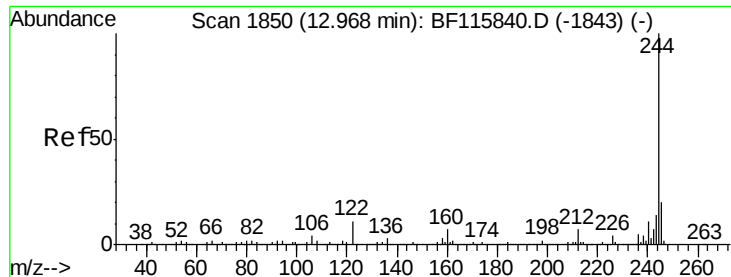


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.528 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

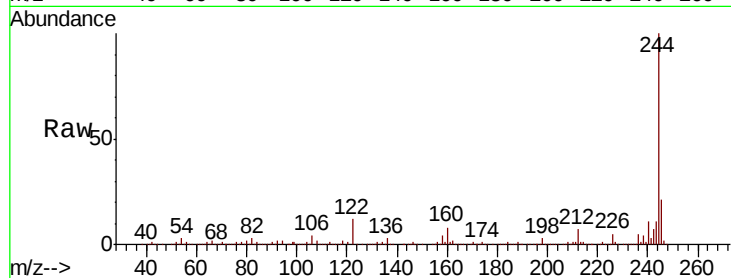
Tot Ion:244 Resp: 1828419

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

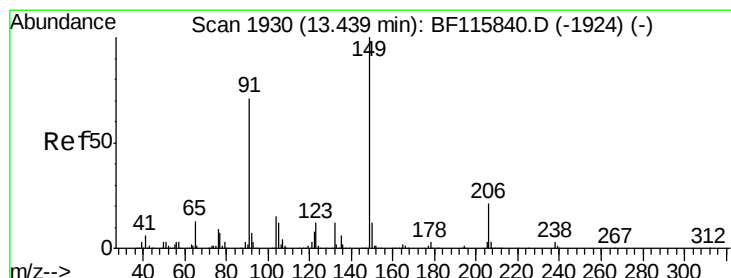
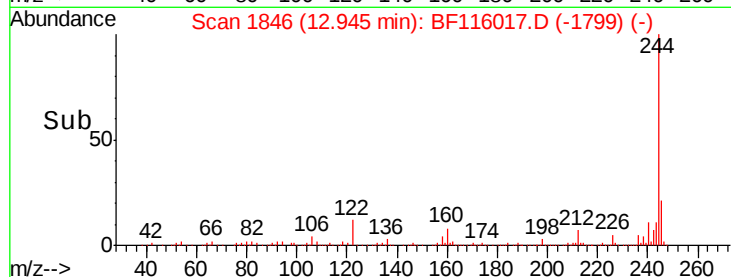
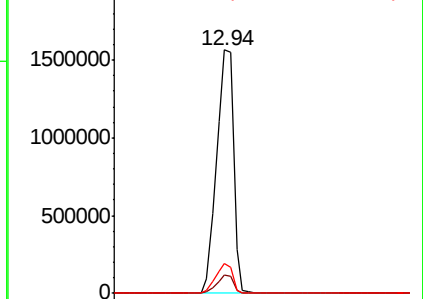
122 12.0 8.6 13.0



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: 0.038 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

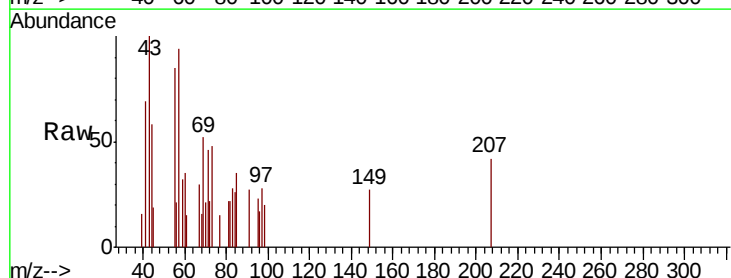
Tgt Ion:149 Resp: 465

Ion Ratio Lower Upper

149 100

91 100.5 57.0 85.6#

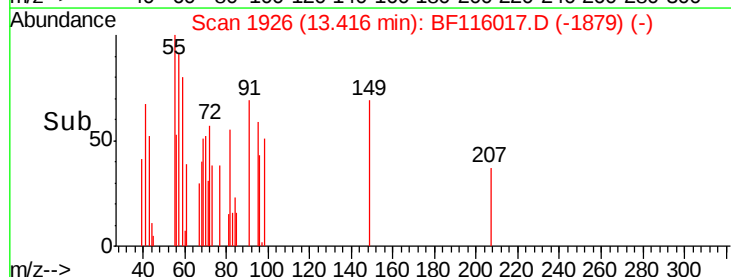
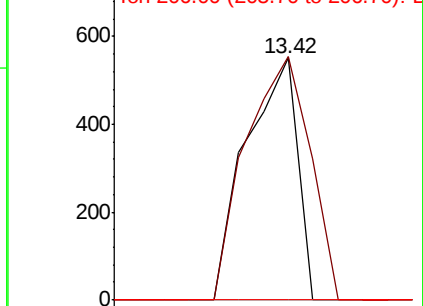
206 0.0 16.9 25.3#

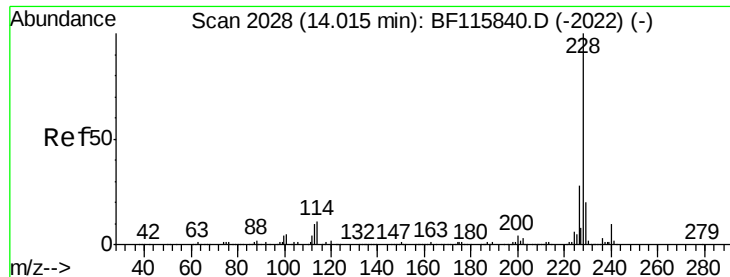


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.044 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

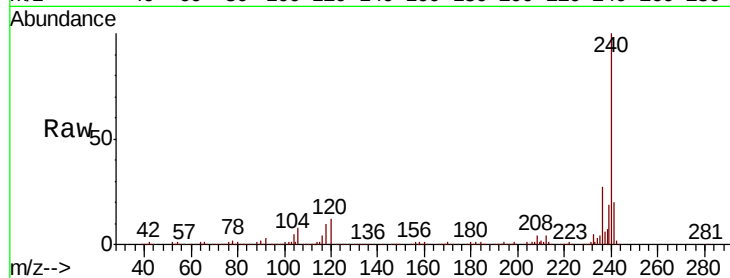
Tot Ion:228 Resp: 1076

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

229 39.7 16.1 24.1#

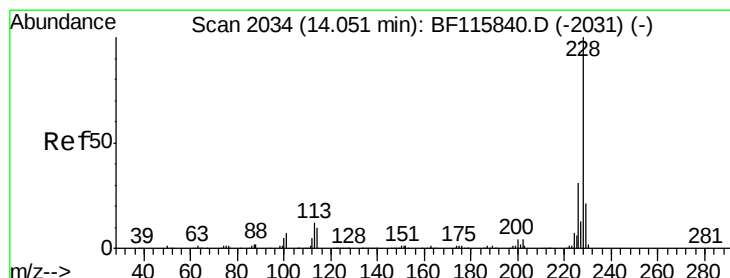
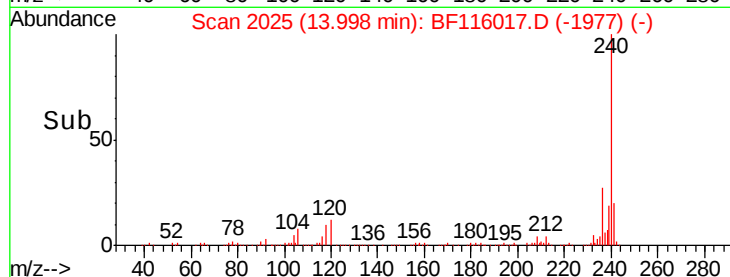
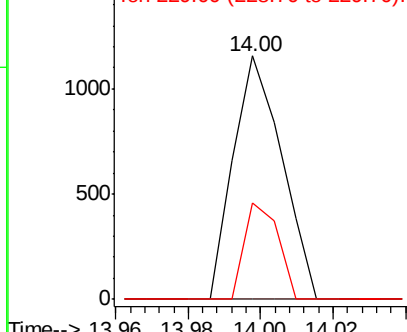


Abundance

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: 0.045 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.05 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

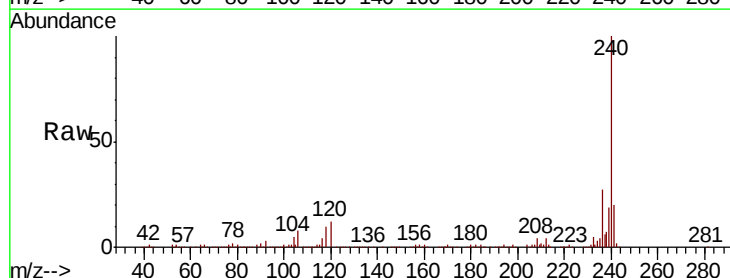
Tgt Ion:228 Resp: 1076

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

229 39.7 16.4 24.6#

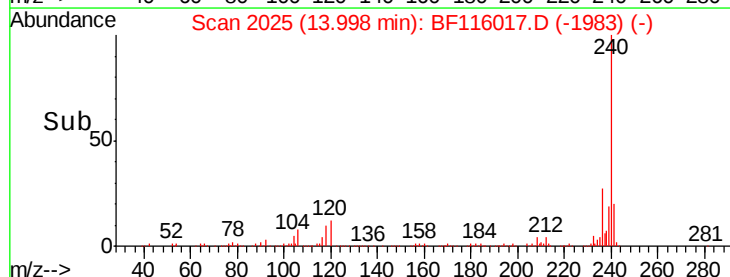
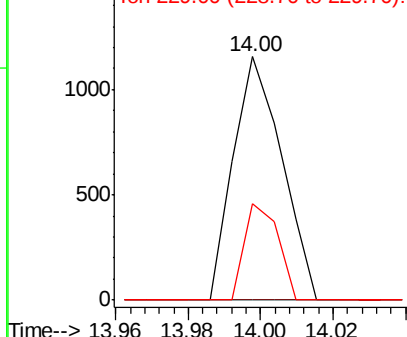


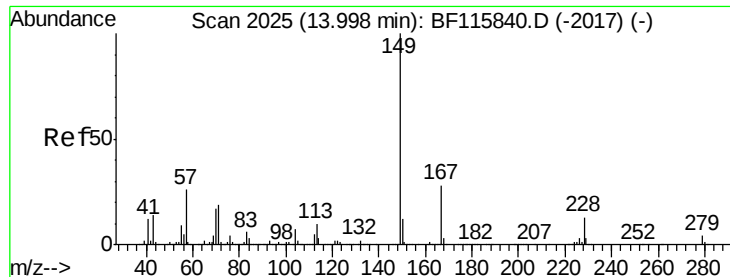
Abundance

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: 0.142 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampleId :

1S-D1-D4-COMP-(30)

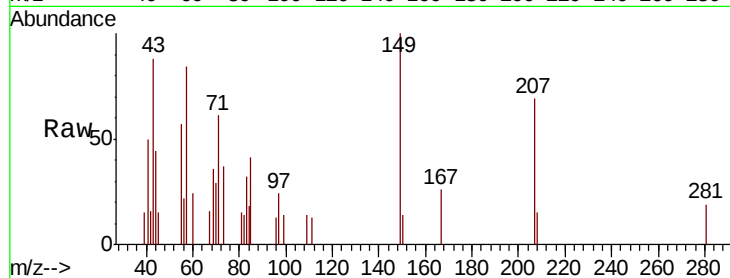
Tot Ion:149 Resp: 2258

Ion Ratio Lower Upper

149 100

167 26.2 22.4 33.6

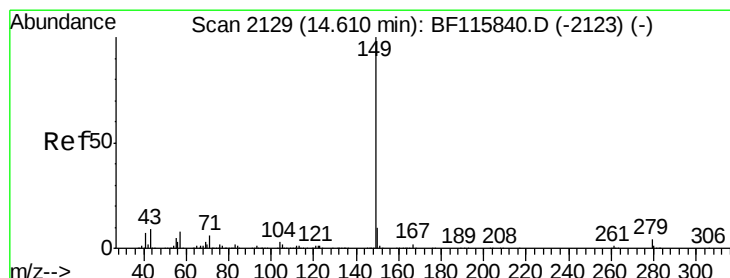
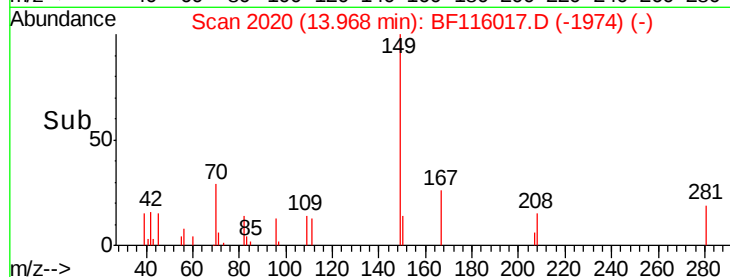
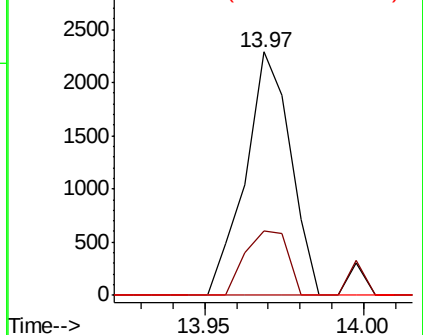
279 0.0 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.011 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.04 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

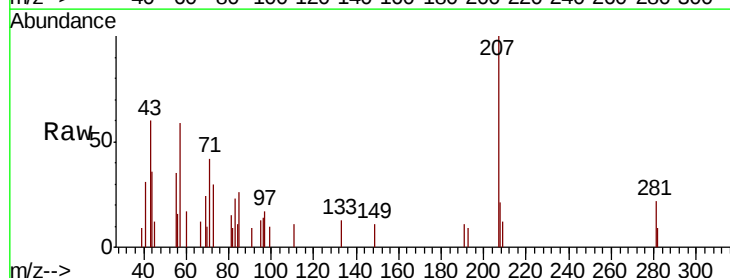
Tgt Ion:149 Resp: 275

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

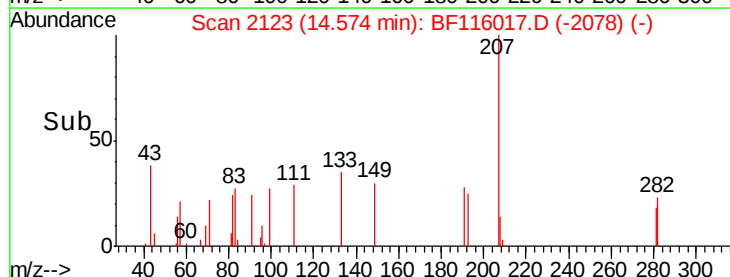
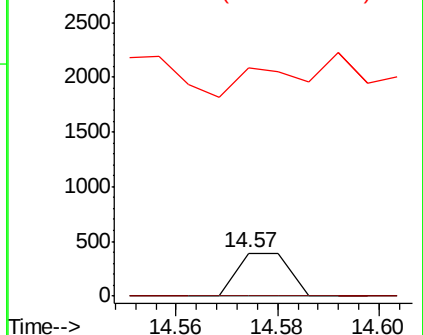
43 0.0 7.4 11.0#

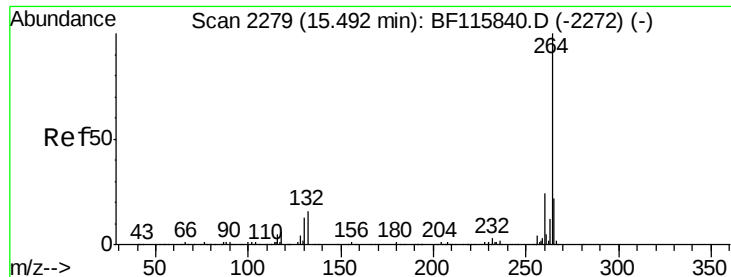


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

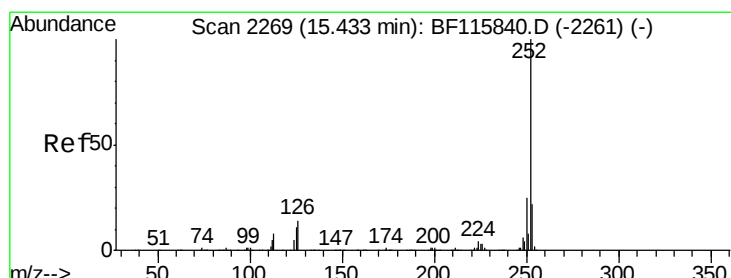
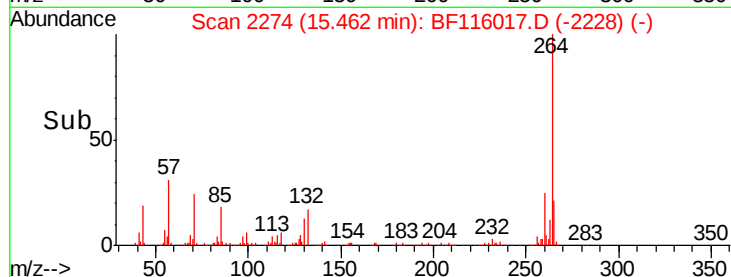
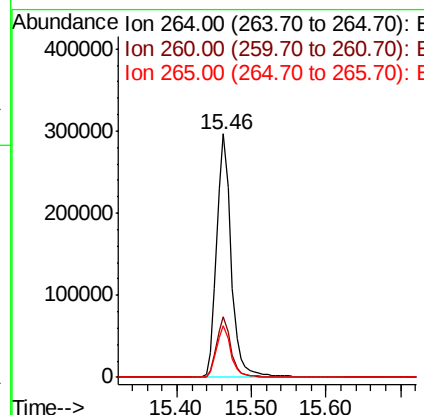
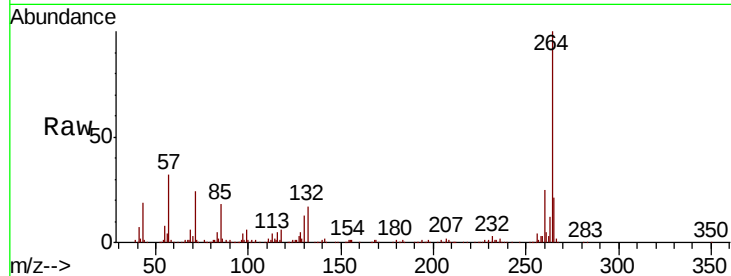




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :
1S-D1-D4-COMP-(30)

Tot Ion:264 Resp: 401351
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.4 17.5 26.3



#90
Benzo(a)pyrene
Concen: 0.078 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:252 Resp: 1615
Ion Ratio Lower Upper
252 100
253 66.9 17.8 26.6#
125 274.9 8.8 13.2#

