

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116029.D
 Acq On : 6 Aug 2019 22:29
 Operator : HP/JU
 Sample : K4136-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Quant Time: Aug 07 05:28:57 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	126736	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	486403	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260353	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	469570	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	329180	20.00	ng	-0.02
87) Perylene-d12	15.46	264	362551	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	897872	118.60	ng	0.00
7) Phenol-d6	6.48	99	1046406	109.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	824583	97.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	345930	137.05	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1424118	102.46	ng	-0.02
79) Terphenyl-d14	12.95	244	1631341	104.43	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1372	0.100	ng	# 1
9) Benzaldehyde	6.48	77	1503	0.228	ng	# 1
10) Phenol	6.49	94	223	0.020	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1372	0.166	ng	# 1
15) Benzyl Alcohol	7.00	79	13297	1.834	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	6.96	45	177	0.016	ng	# 65
18) Hexachloroethane	7.37	117	700	0.196	ng	# 1
22) Acetophenone	7.27	105	689	0.065	ng	# 52
24) Nitrobenzene	7.40	77	2502	0.275	ng	# 35
31) Naphthalene	8.15	128	2223	0.097	ng	# 73
37) 2-Methylnaphthalene	8.85	142	1092	0.072	ng	# 94
38) 1-Methylnaphthalene	8.94	142	1095	0.077	ng	# 87
46) 1,1'-Biphenyl	9.30	154	2693	0.147	ng	# 95
48) 2-Nitroaniline	9.20	65	2144	0.424	ng	# 1
49) Acenaphthylene	9.74	152	461	0.021	ng	# 6
52) Acenaphthene	9.91	154	1729	0.126	ng	# 87
55) Dibenzofuran	10.09	168	1001	0.050	ng	# 83
56) 4-Nitrophenol	10.09	139	297	0.097	ng	# 8
60) Diethylphthalate	10.29	149	980	0.059	ng	# 58
63) Azobenzene	10.66	77	1987	0.117	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	681	0.274	ng	# 1
66) n-Nitrosodiphenylamine	10.54	169	511	0.036	ng	# 74
71) Phenanthrene	11.39	178	7283	0.303	ng	# 97
72) Anthracene	11.39	178	7283	0.300	ng	# 98
73) Carbazole	11.62	167	507	0.023	ng	# 58
74) Di-n-butylphthalate	11.92	149	1981	0.077	ng	# 77
75) Fluoranthene	12.58	202	1285	0.051	ng	# 64
77) Benzidine	12.95	184	21701	1.951	ng	# 96
78) Pyrene	12.81	202	924	0.037	ng	# 56
81) Benzo(a)anthracene	14.00	228	920	0.044	ng	# 51
83) Chrysene	14.00	228	920	0.045	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	576	0.042	ng	# 52
85) Di-n-octyl phthalate	14.62	149	114	0.005	ng	# 78
90) Benzo(a)pyrene	15.46	252	1065	0.057	ng	# 59

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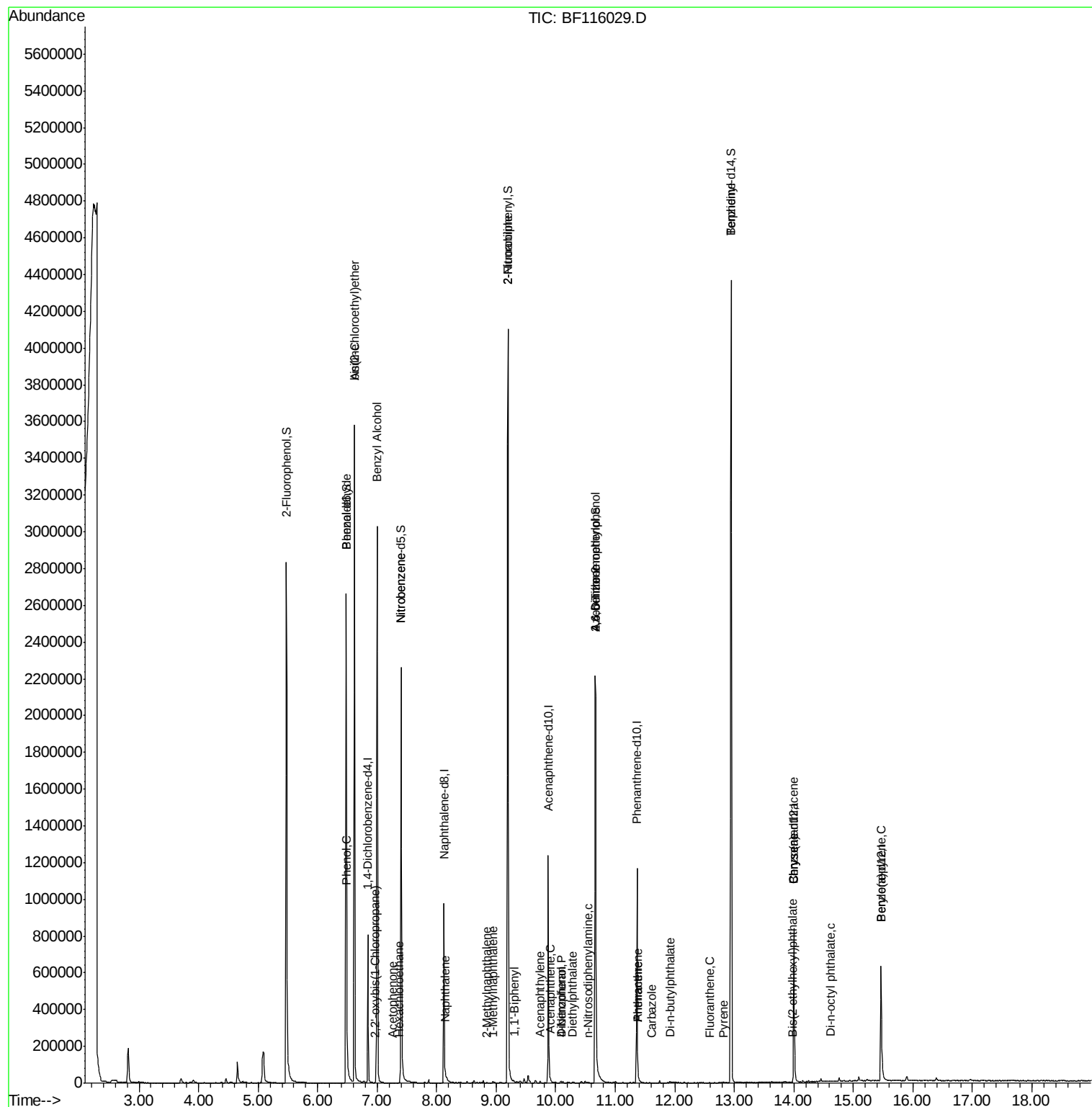
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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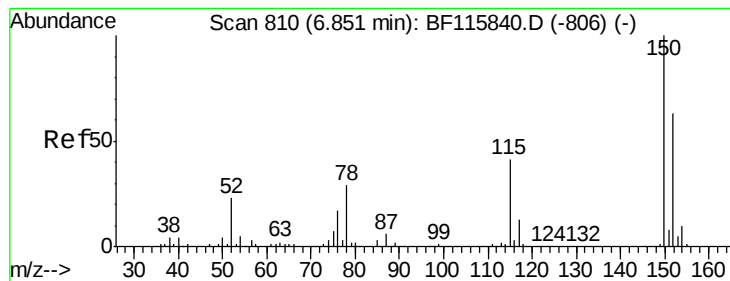
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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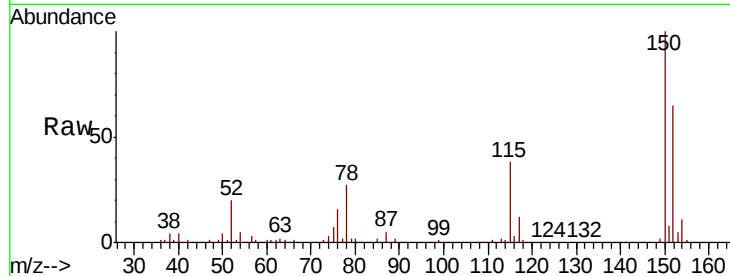


#1

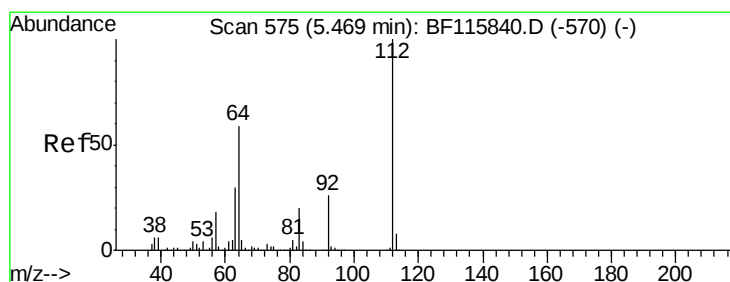
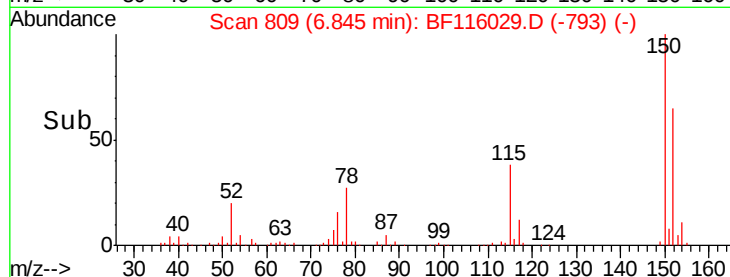
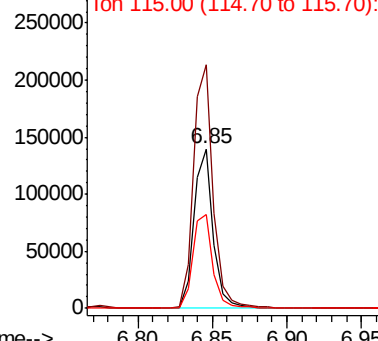
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.4	191.0
115	58.8	51.8	77.8



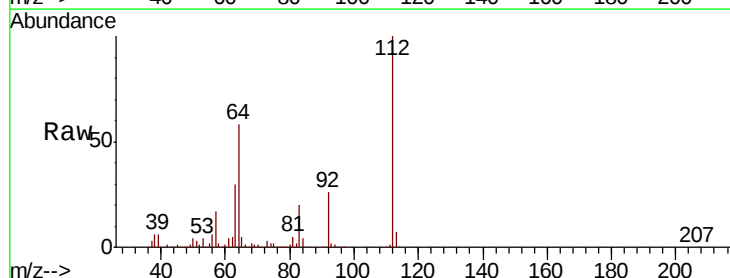
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



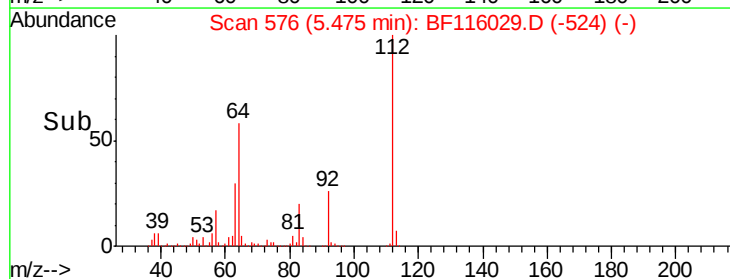
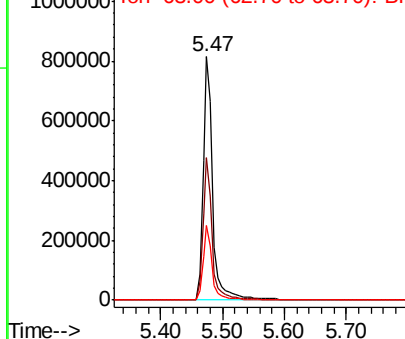
#5

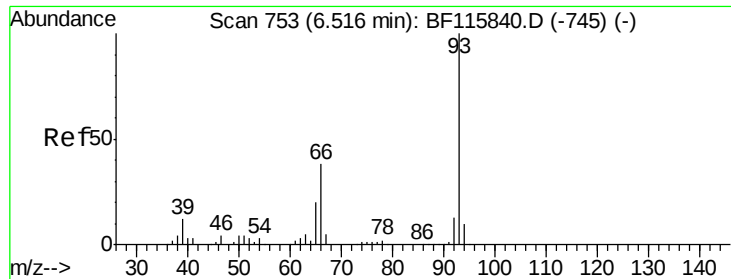
2-Fluorophenol
 Concen: 118.600 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	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: 0.100 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

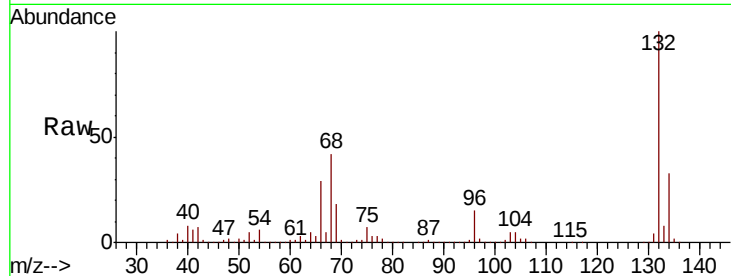
Tot Ion: 93 Resp: 1372

Ion Ratio Lower Upper

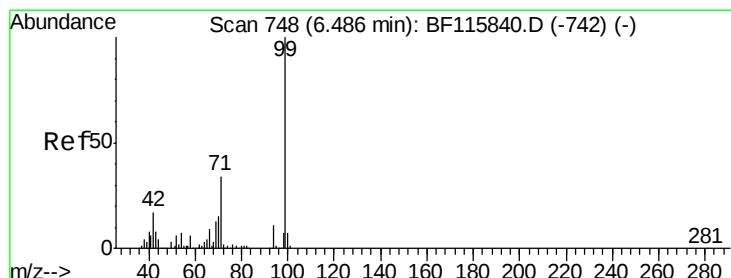
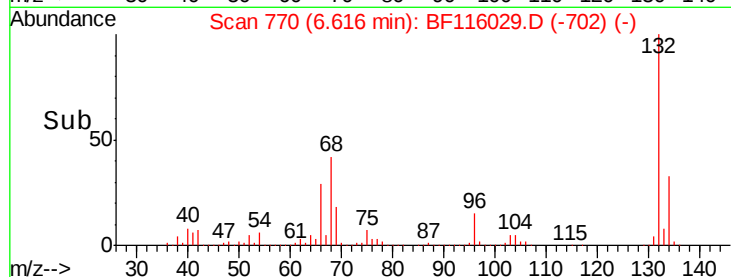
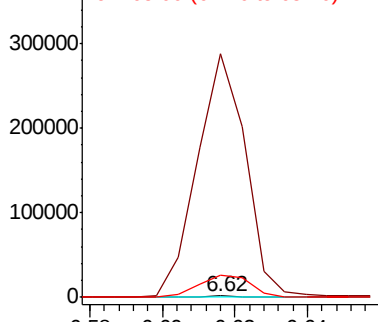
93 100

66 17440.1 31.4 47.0#

65 1587.4 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: 109.553 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

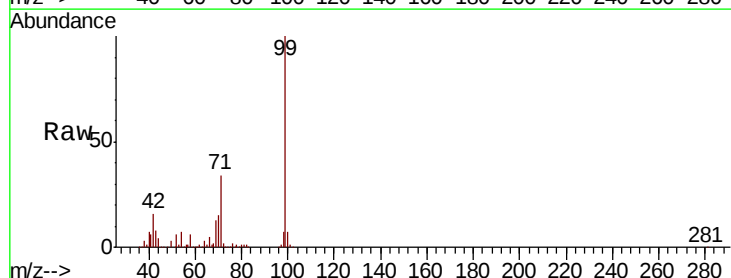
Tgt Ion: 99 Resp: 1046406

Ion Ratio Lower Upper

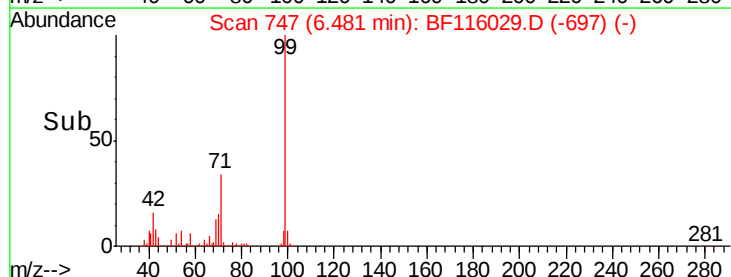
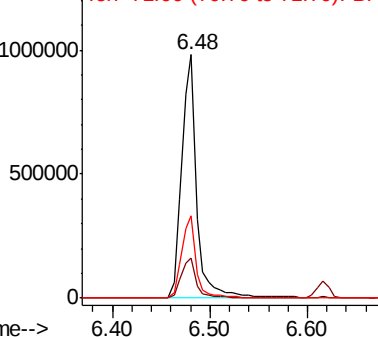
99 100

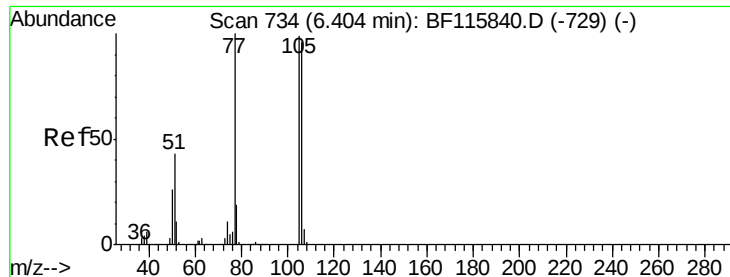
42 16.3 13.8 20.6

71 33.7 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





#9

Benzaldehyde

Concen: 0.228 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

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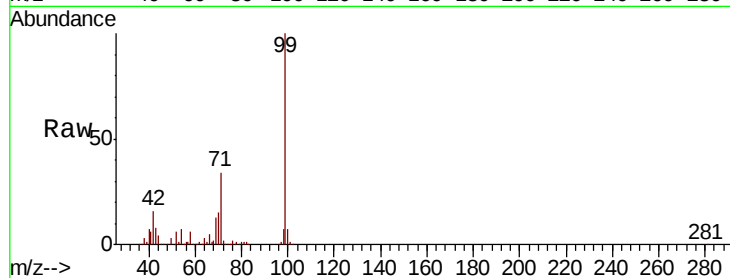
Tot Ion: 77 Resp: 1503

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

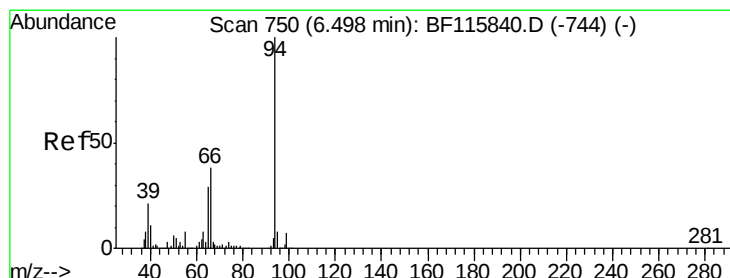
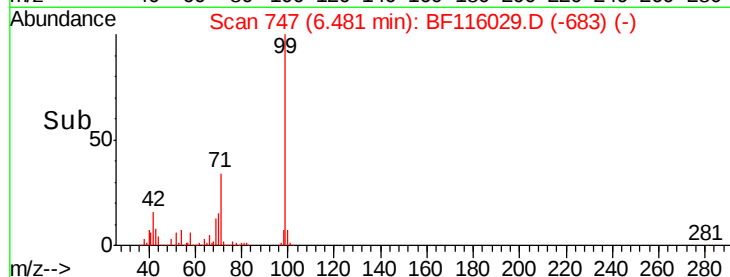
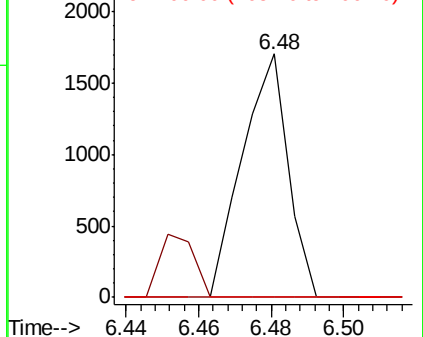
106 0.0 76.2 116.2#



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: 0.020 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

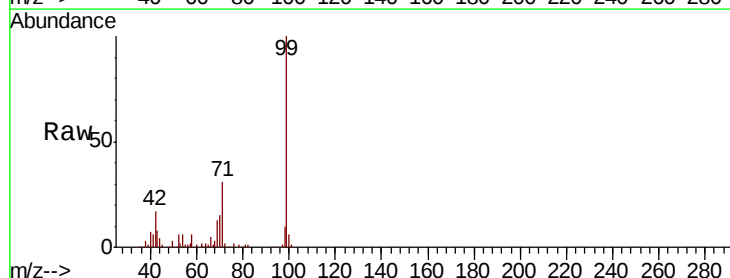
Tgt Ion: 94 Resp: 223

Ion Ratio Lower Upper

94 100

65 358.4 8.9 48.9#

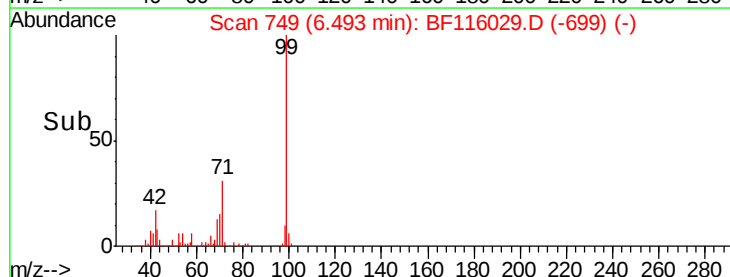
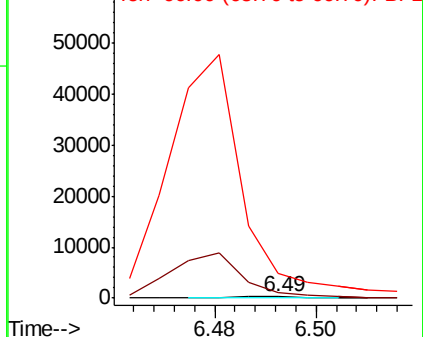
66 1516.5 18.0 58.0#

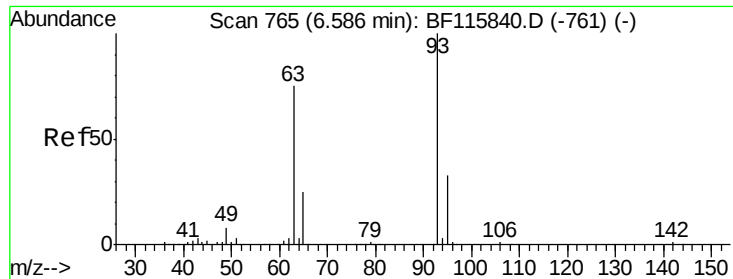


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

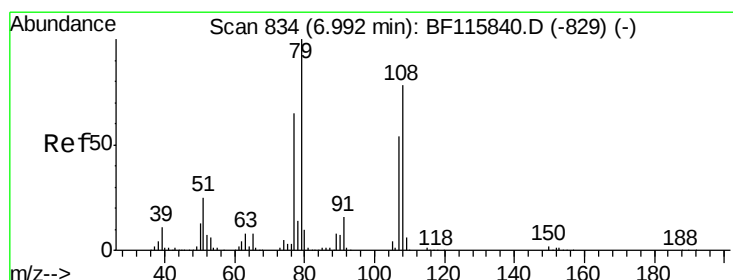
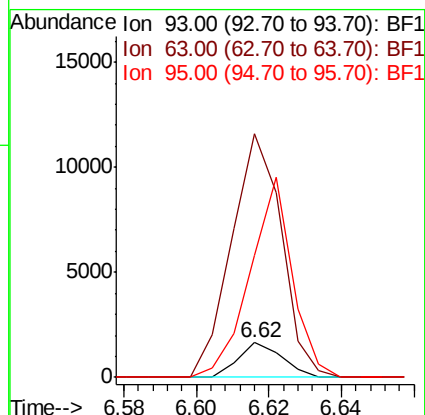
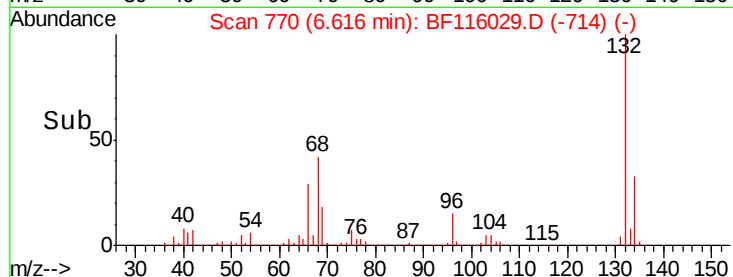
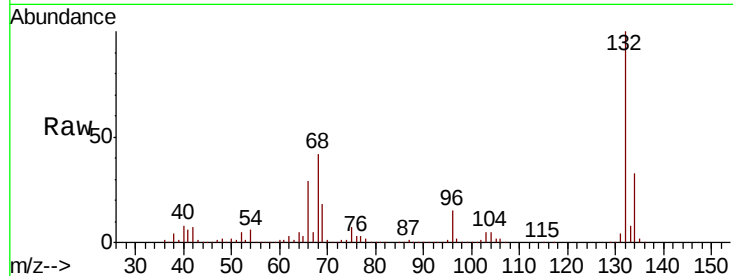




#11
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

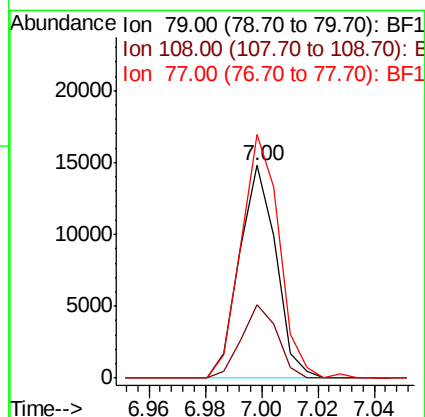
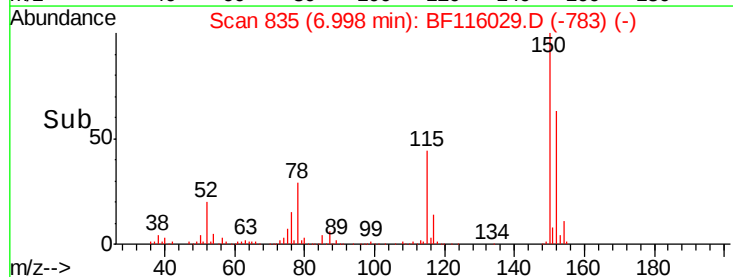
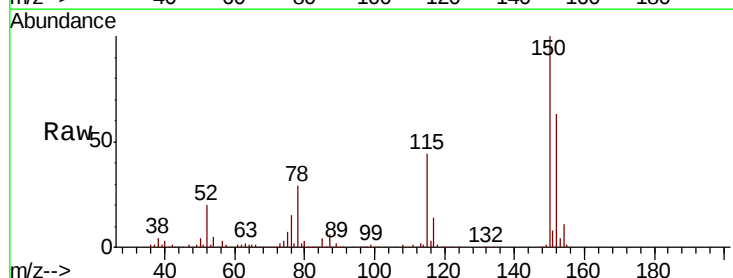
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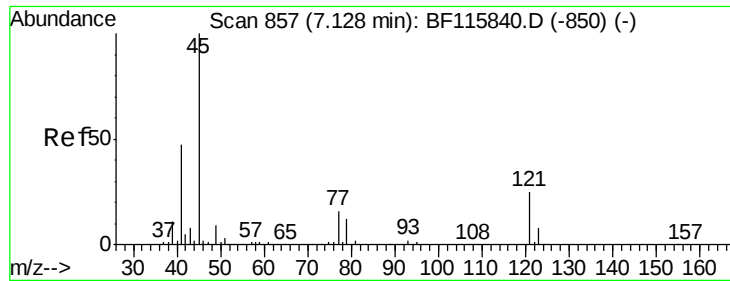
Tot Ion: 93 Resp: 1372
Ion Ratio Lower Upper
93 100
63 702.4 54.9 94.9#
95 351.2 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.834 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion: 79 Resp: 13297
Ion Ratio Lower Upper
79 100
108 34.7 62.8 94.2#
77 114.5 52.0 78.0#

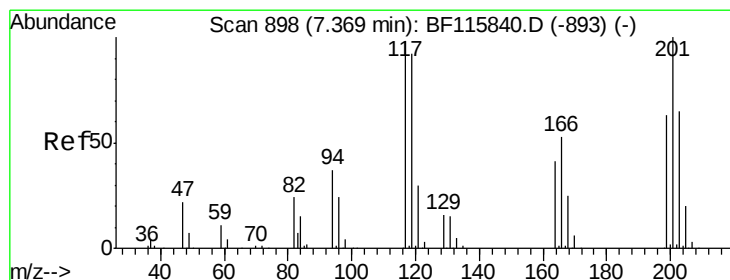
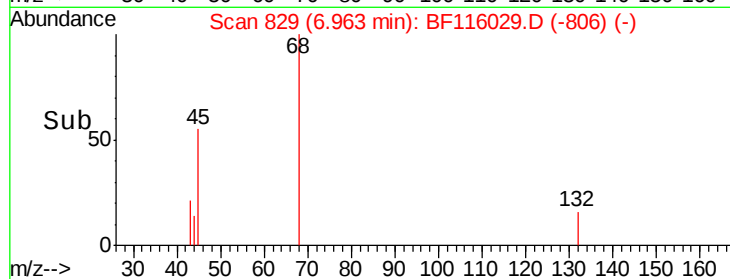
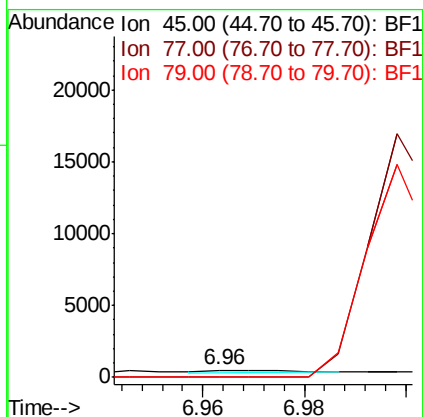
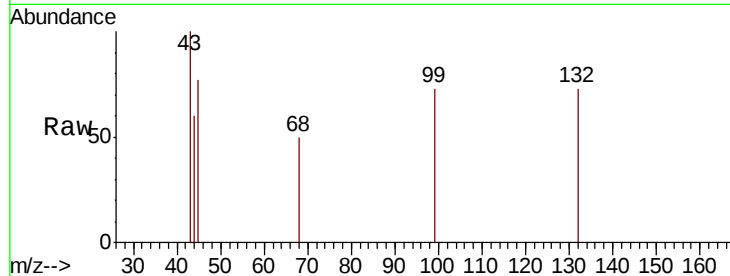




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.016 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.16 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

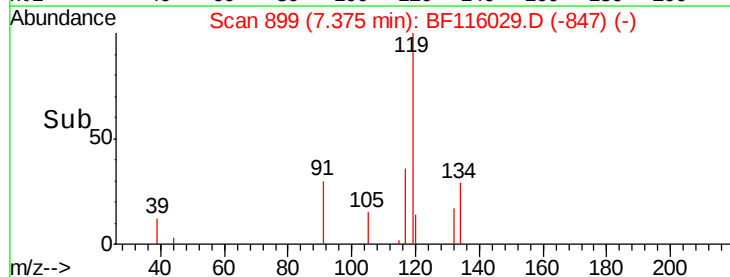
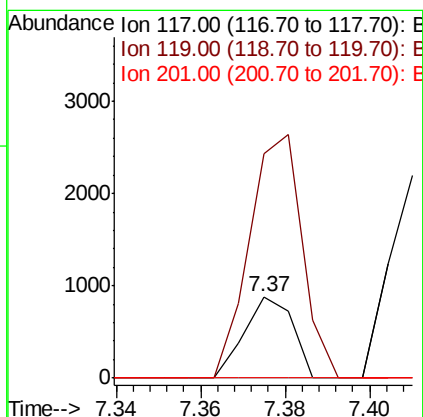
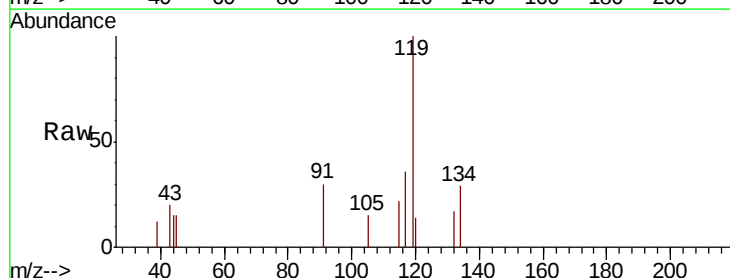
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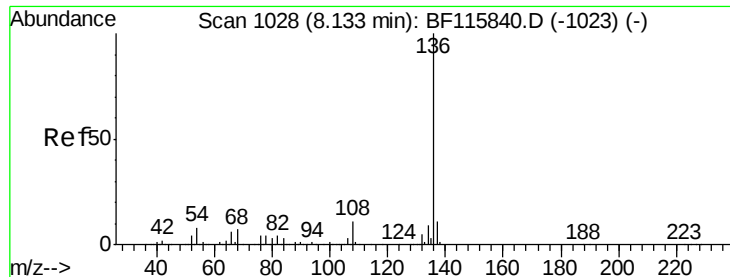
Tot Ion: 45 Resp: 177
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#18
Hexachloroethane
Concen: 0.196 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion: 117 Resp: 700
Ion Ratio Lower Upper
117 100
119 276.3 75.8 113.6#
201 0.0 82.0 123.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

Tot Ion:136 Resp: 486403

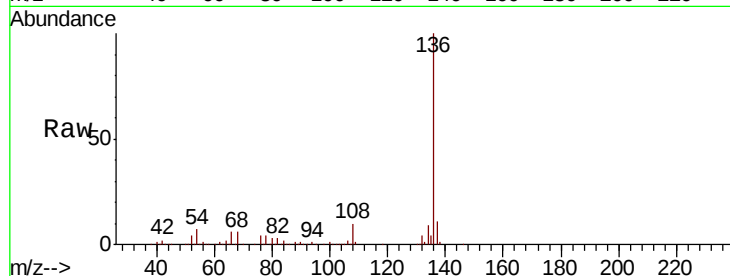
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 6.1 9.1

68 5.9 5.4 8.2

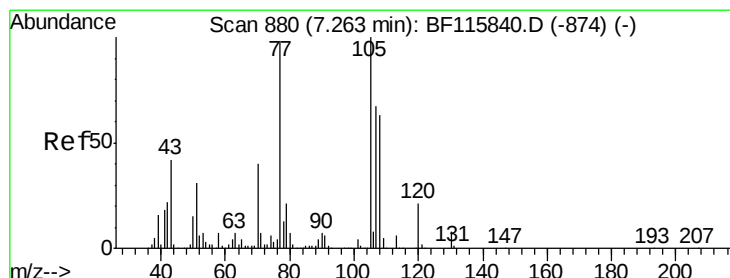
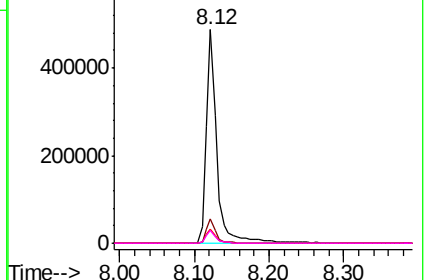
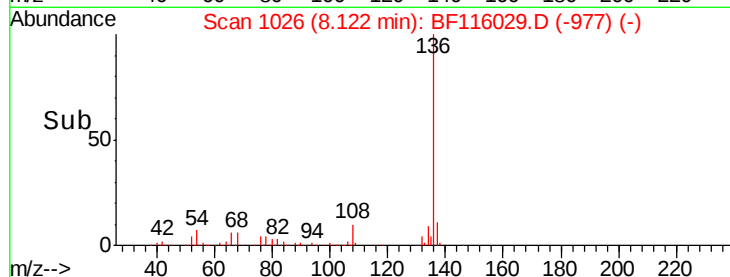


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.065 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Tgt Ion:105 Resp: 689

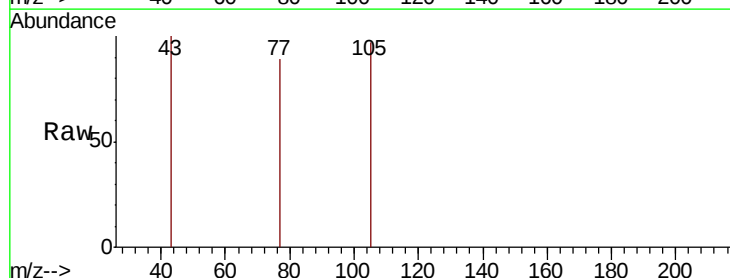
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#

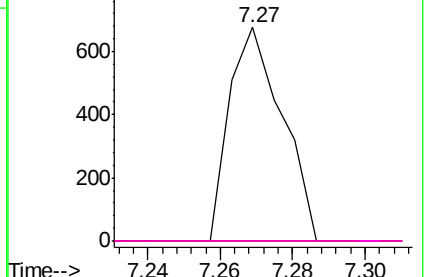
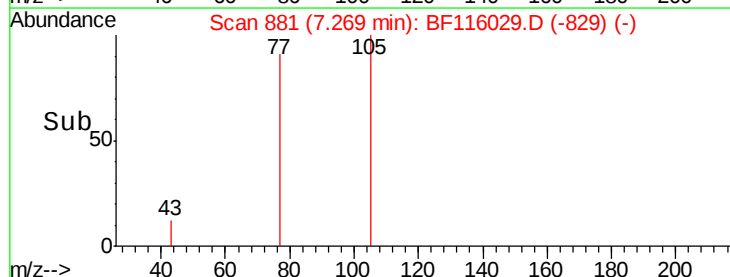


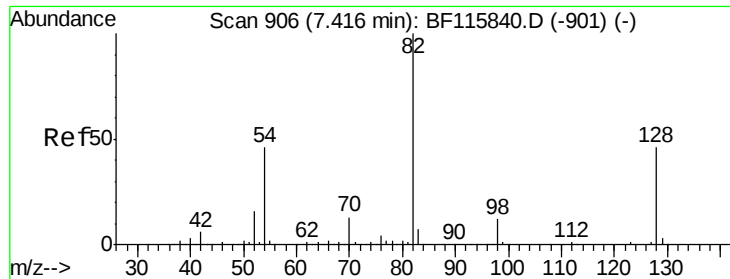
Abundance Ion 105.00 (104.70 to 105.70): E

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

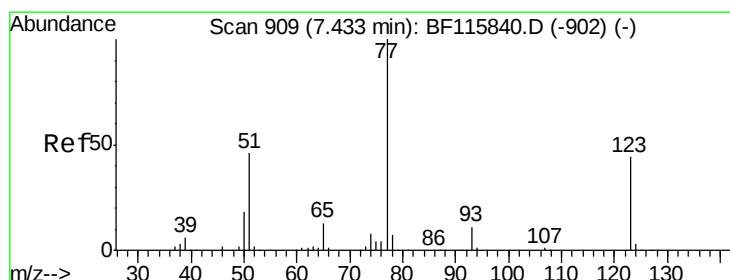
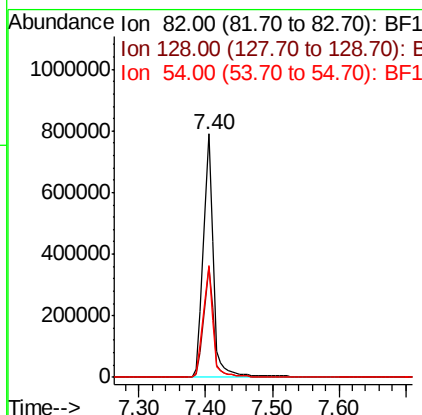
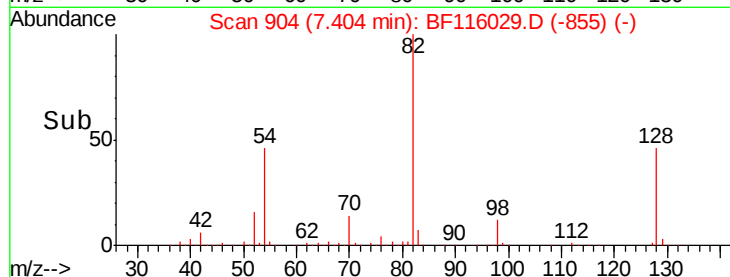
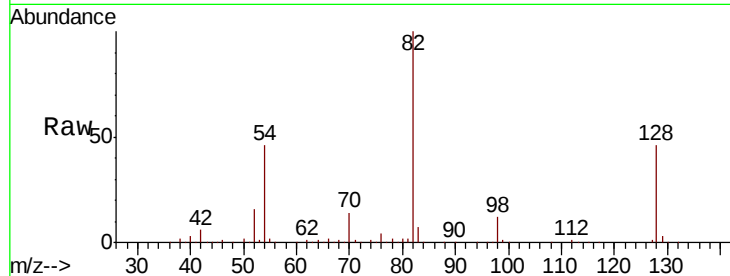




#23
 Nitrobenzene-d5
 Concen: 97.856 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

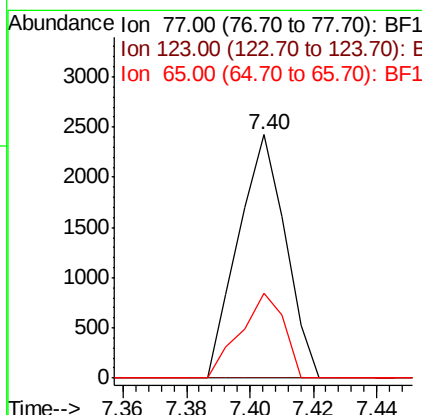
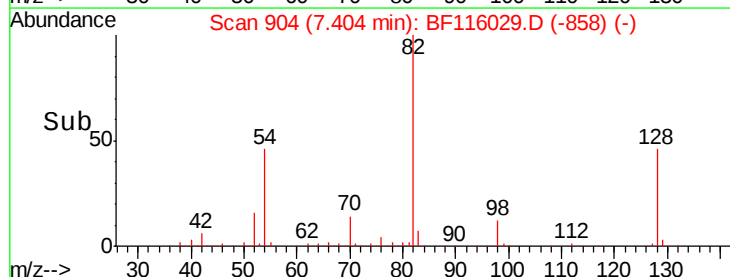
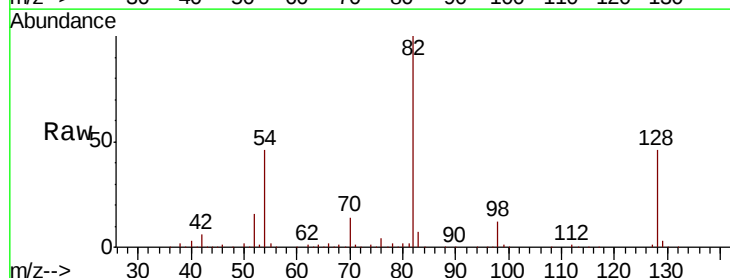
Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

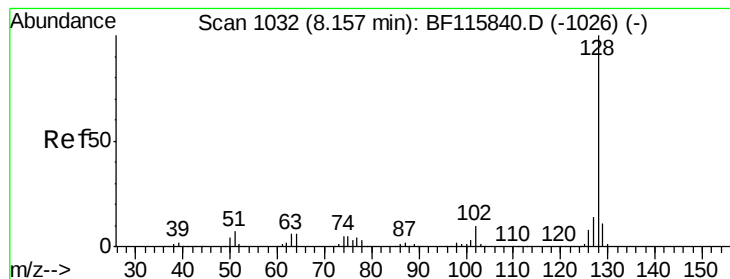
Tot Ion: 82 Resp: 824583
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.6 55.0
 54 45.9 36.6 55.0



#24
 Nitrobenzene
 Concen: 0.275 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Tgt Ion: 77 Resp: 2502
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.5 53.3#
 65 34.9 10.6 15.8#





#31

Naphthalene

Concen: 0.097 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

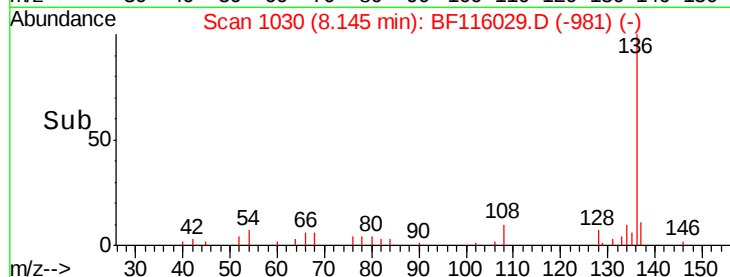
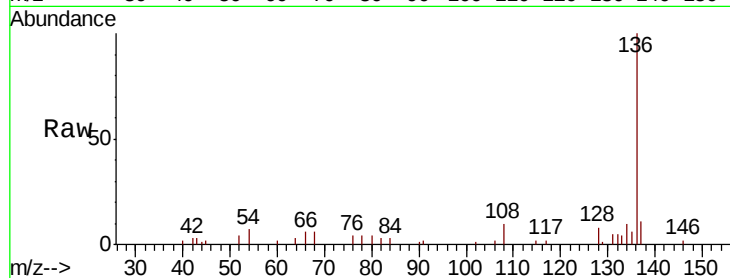
Tot Ion:128 Resp: 2223

Ion Ratio Lower Upper

128 100

129 18.5 9.2 13.8#

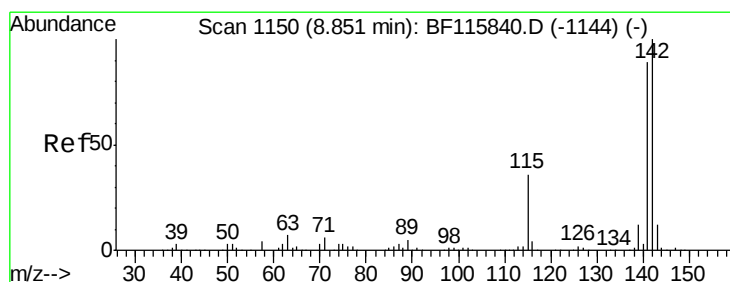
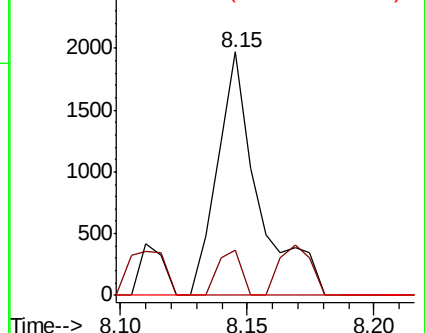
127 0.0 11.0 16.4#



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



#37

2-Methylnaphthalene

Concen: 0.072 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

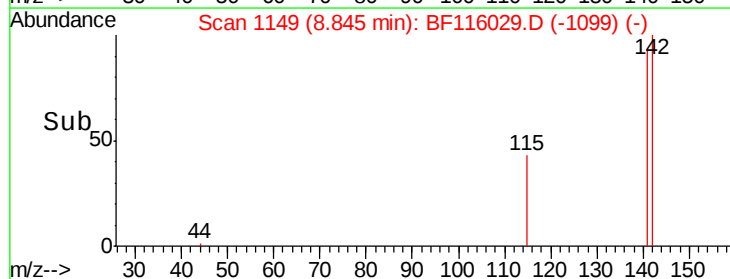
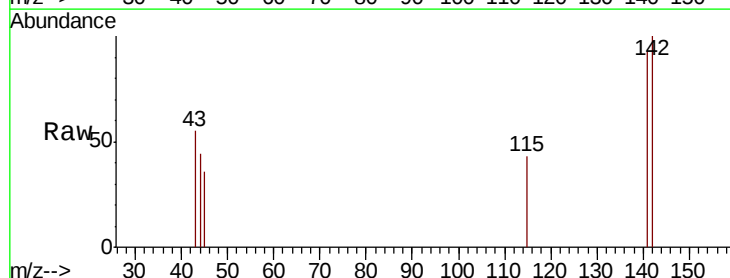
Tgt Ion:142 Resp: 1092

Ion Ratio Lower Upper

142 100

141 92.7 71.4 107.2

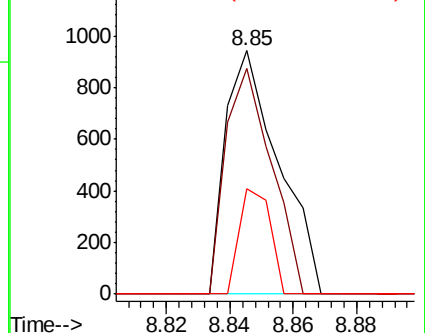
115 43.3 28.9 43.3

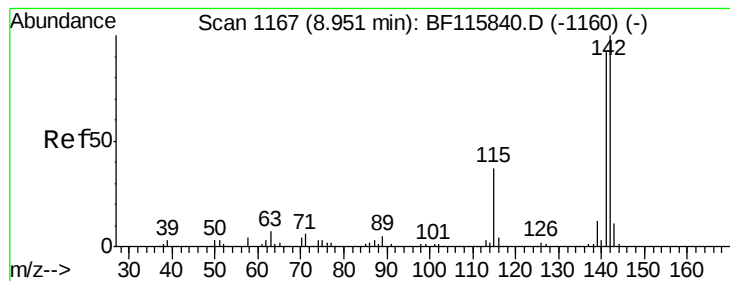


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 0.077 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

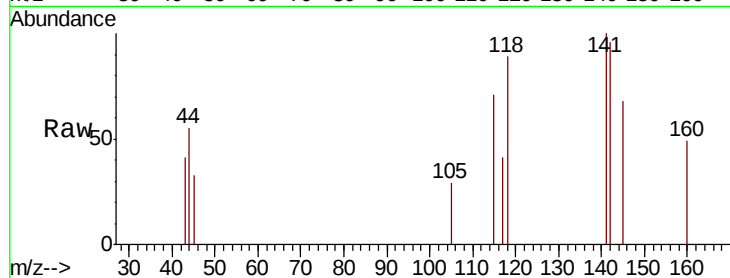
Tot Ion:142 Resp: 1095

Ion Ratio Lower Upper

142 100

141 104.2 73.8 110.6

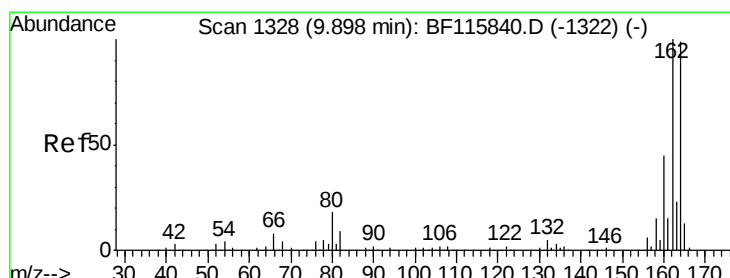
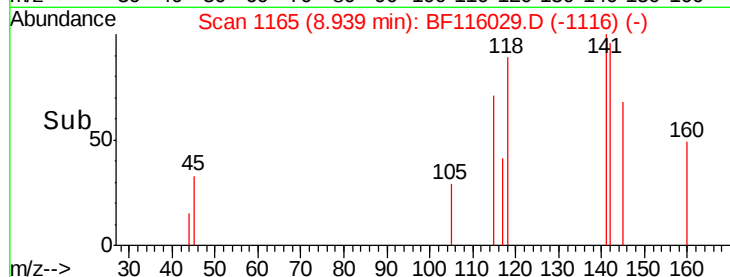
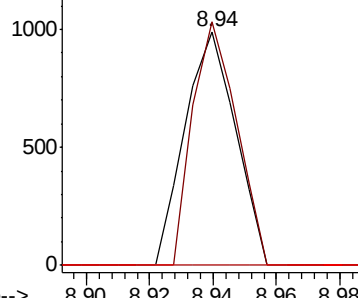
116 0.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

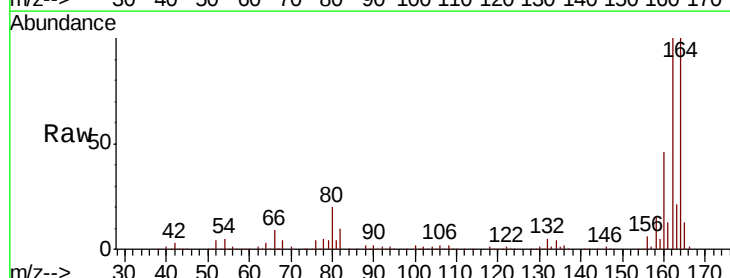
Tgt Ion:164 Resp: 260353

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

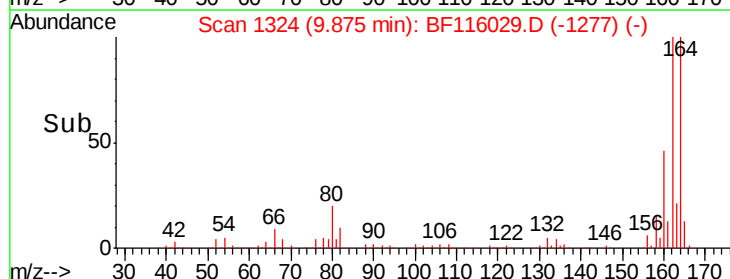
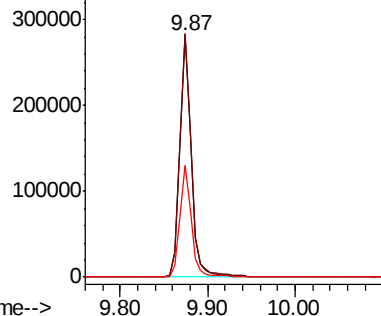
160 45.9 36.2 54.4

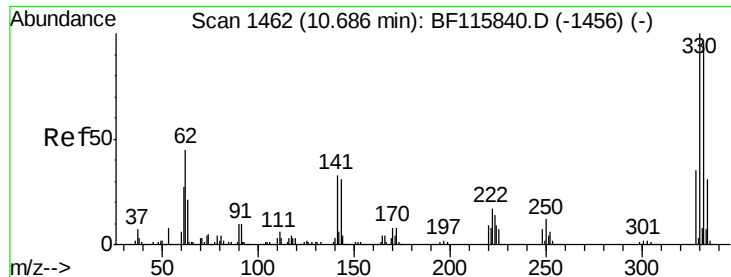


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

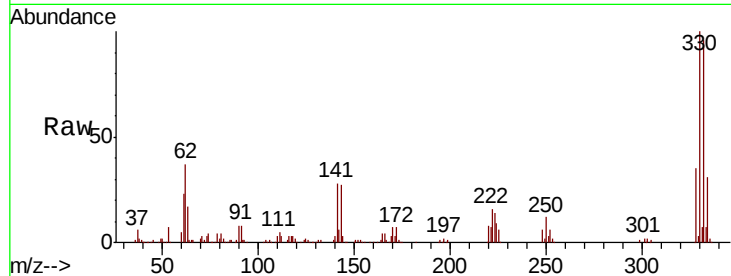




#42
 2,4,6-Tribromophenol
 Concen: 137.046 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion	330	Resp	345930
Ion Ratio	100		
Lower	77.7		
Upper	116.5		
332	97.3		
141	35.1		
	28.1		
	42.1		

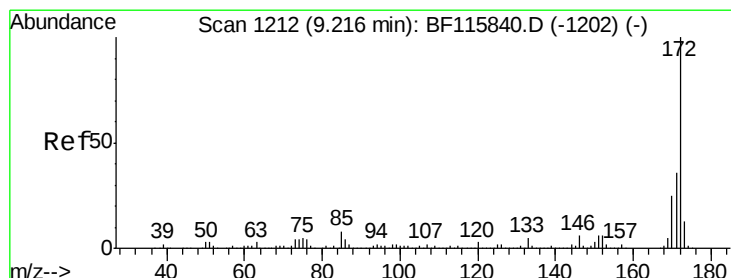
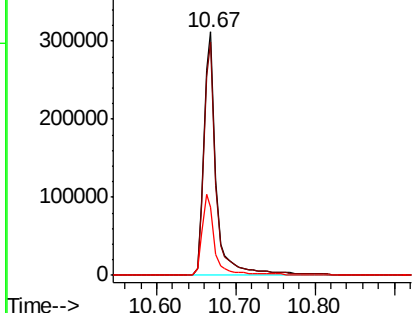
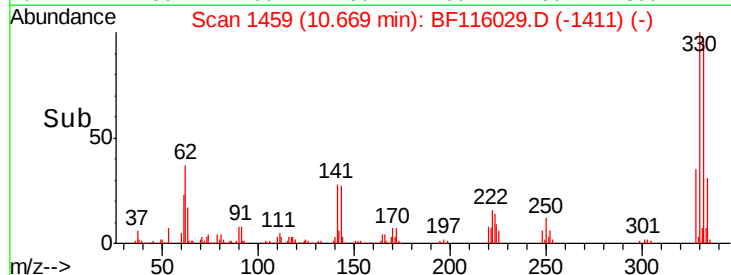


Abundance

Ion 329.80 (329.50 to 330.50): E

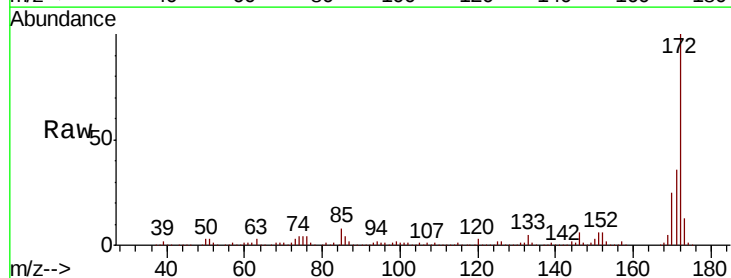
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.456 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Tgt Ion	172	Resp	1424118
Ion Ratio	100		
Lower	29.1		
Upper	43.7		
171	36.4		
170	24.9		
	20.1		
	30.1		

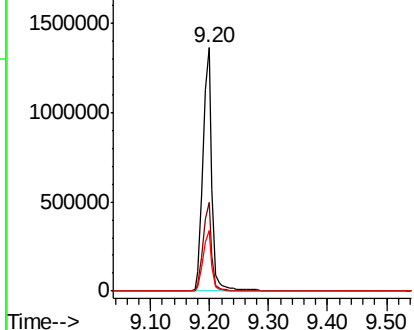
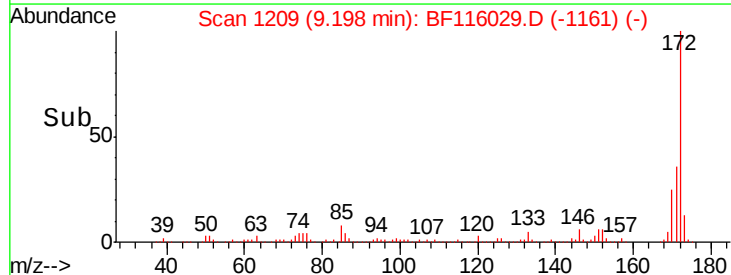


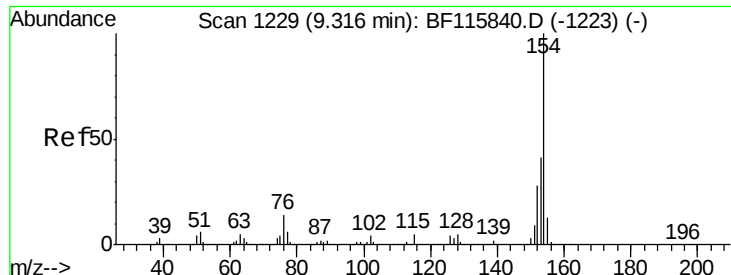
Abundance

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

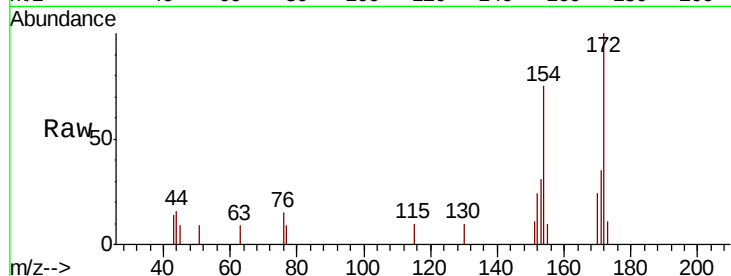




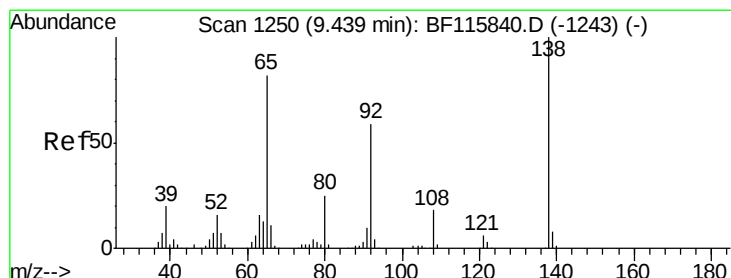
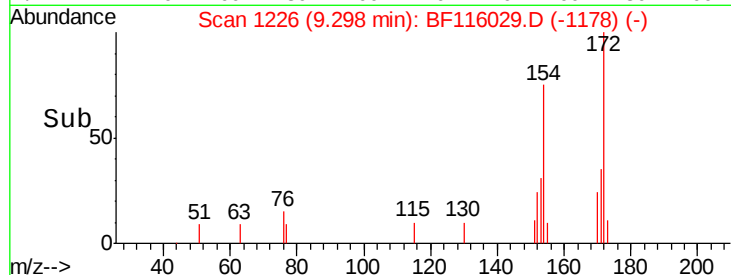
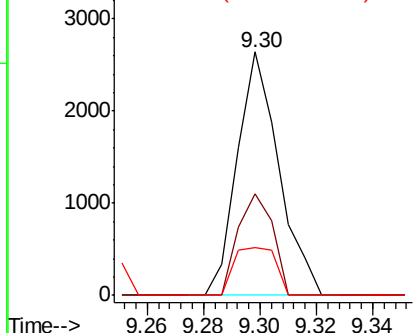
#46
 1,1'-Biphenyl
 Concen: 0.147 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Tot Ion:154 Resp: 2693
 Ion Ratio Lower Upper
 154 100
 153 41.9 20.9 60.9
 76 19.6 0.0 34.3

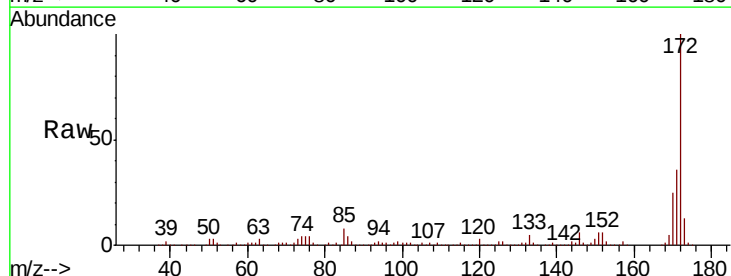


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

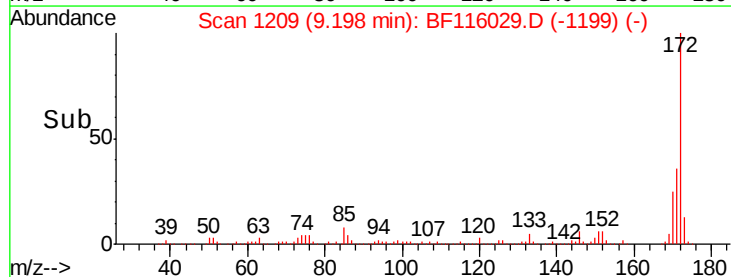
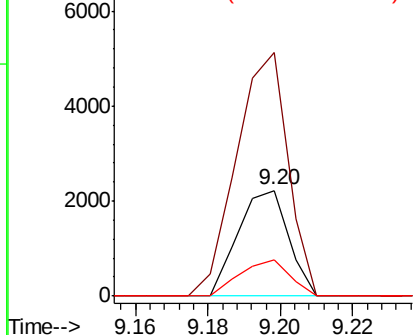


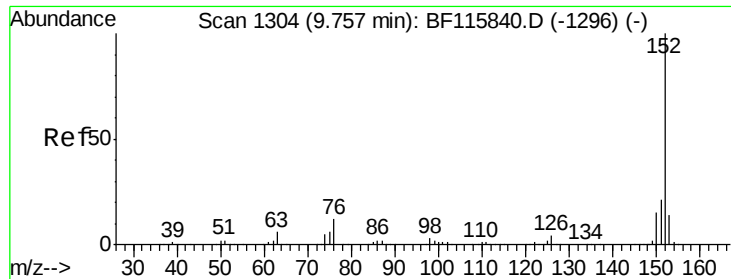
#48
 2-Nitroaniline
 Concen: 0.424 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Tgt Ion: 65 Resp: 2144
 Ion Ratio Lower Upper
 65 100
 92 230.9 57.1 85.7#
 138 34.1 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





#49

Acenaphthylene

Concen: 0.021 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

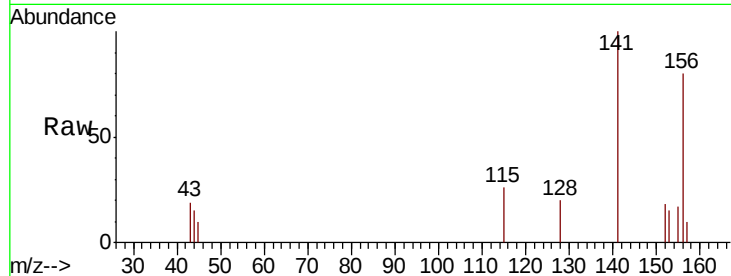
Tot Ion:152 Resp: 461

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

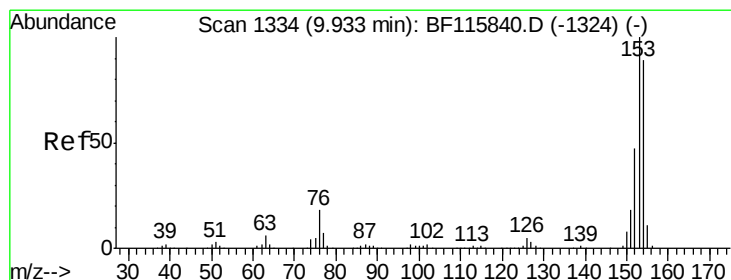
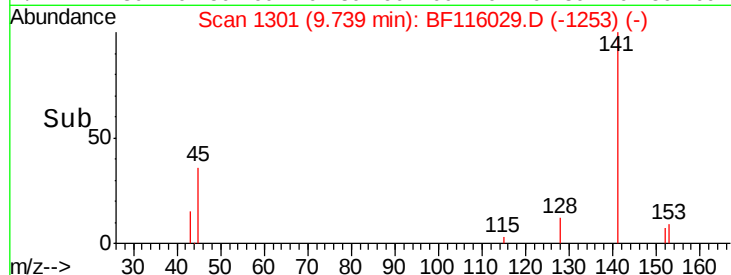
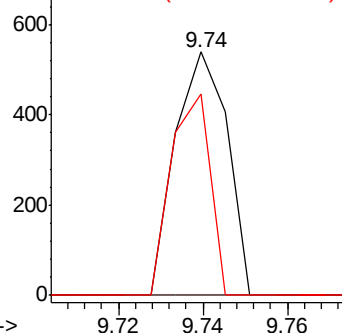
153 82.6 11.6 17.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 0.126 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

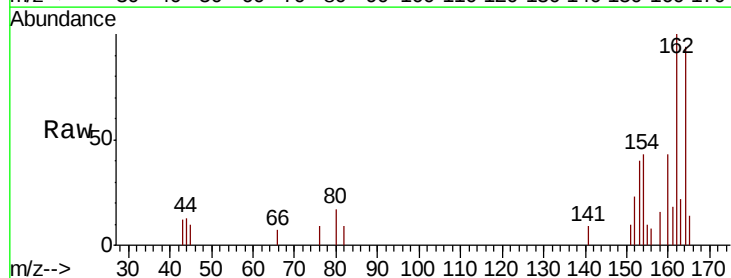
Tgt Ion:154 Resp: 1729

Ion Ratio Lower Upper

154 100

153 92.8 90.1 135.1

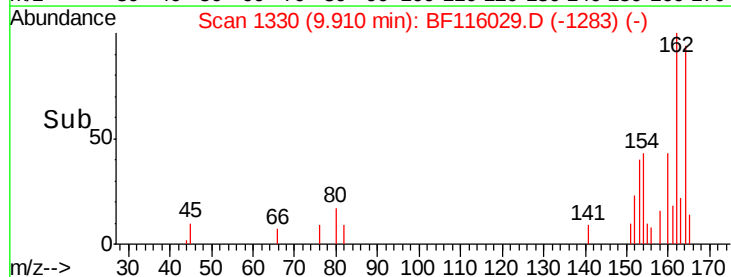
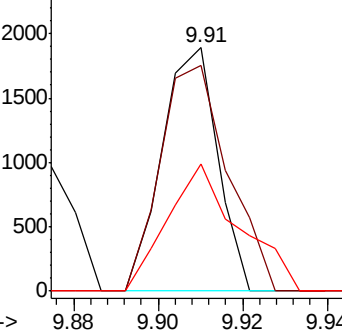
152 52.4 42.6 63.8

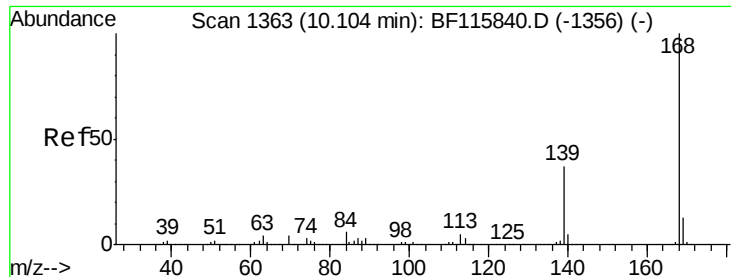


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

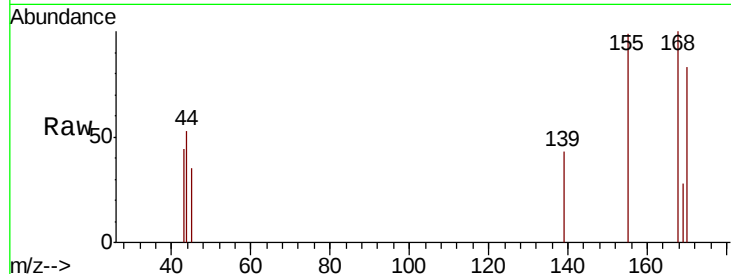




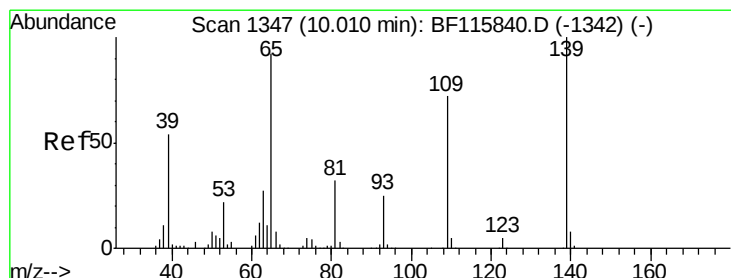
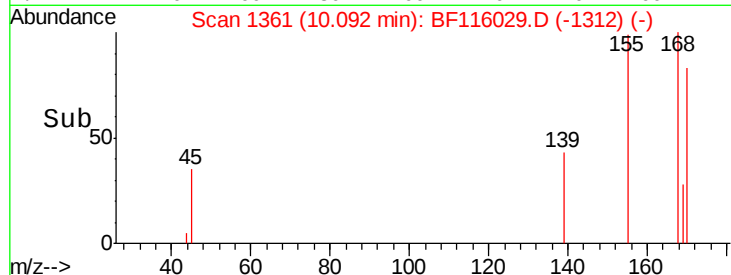
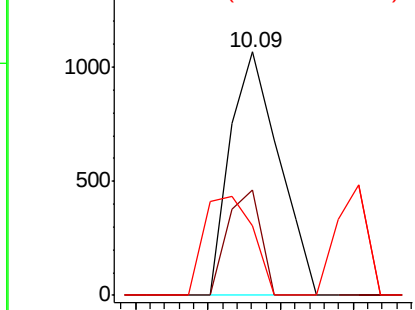
#55
Dibenzenofuran
Concen: 0.050 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion:168 Resp: 1001
Ion Ratio Lower Upper
168 100
139 43.4 30.2 45.2
169 28.5 10.8 16.2#

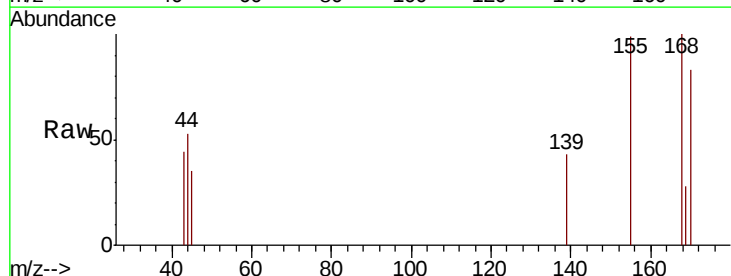


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

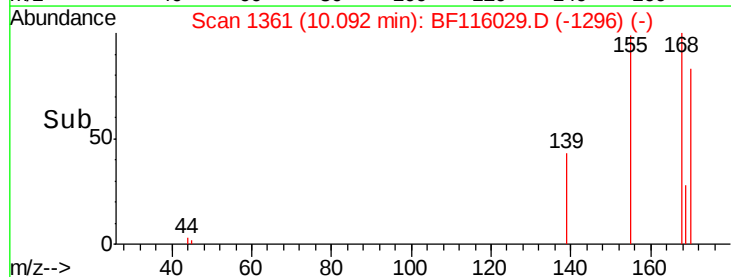
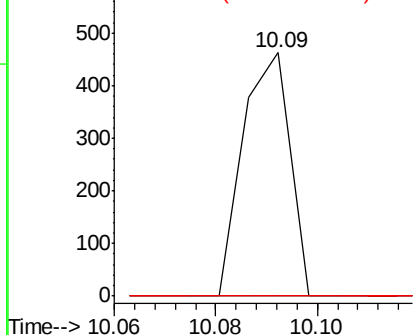


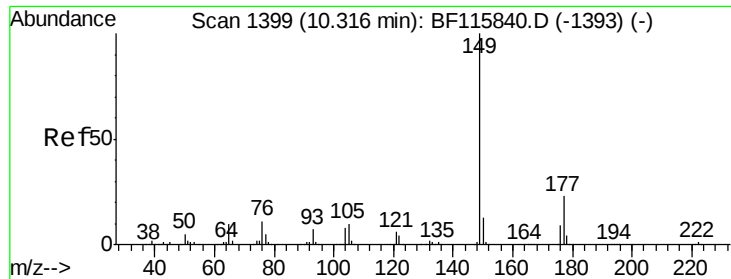
#56
4-Nitrophenol
Concen: 0.097 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion:139 Resp: 297
Ion Ratio Lower Upper
139 100
109 0.0 52.0 92.0#
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#60

Diethylphthalate

Concen: 0.059 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

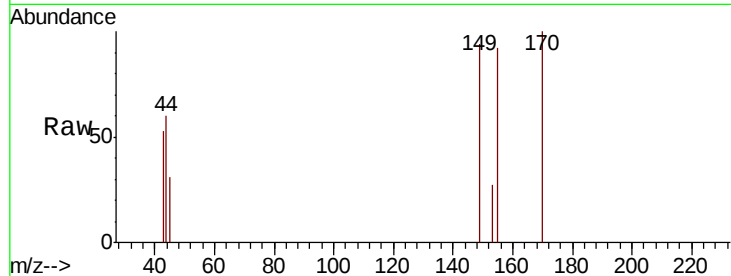
Tot Ion:149 Resp: 980

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

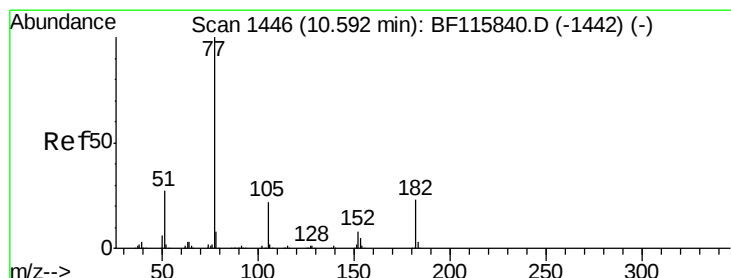
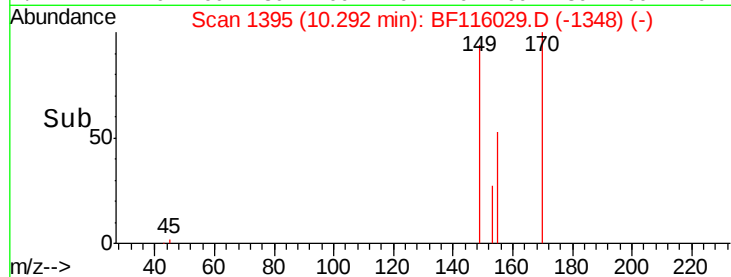
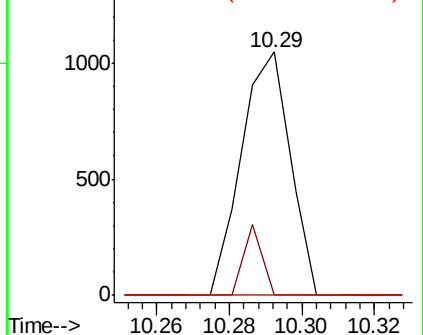
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Azobenzene

Concen: 0.117 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.07 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Tgt Ion: 77 Resp: 1987

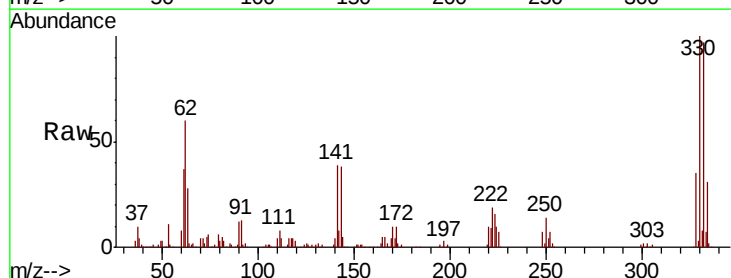
Ion Ratio Lower Upper

77 100

182 18.6 2.6 42.6

105 95.7 1.6 41.6#

51 75.4 7.4 47.4#

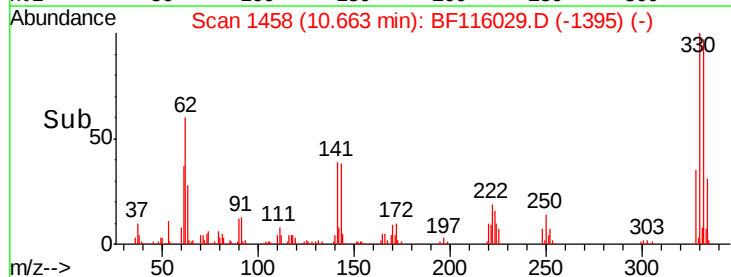
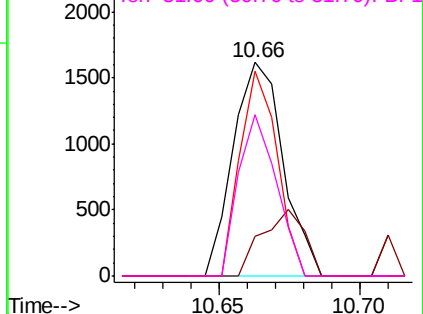


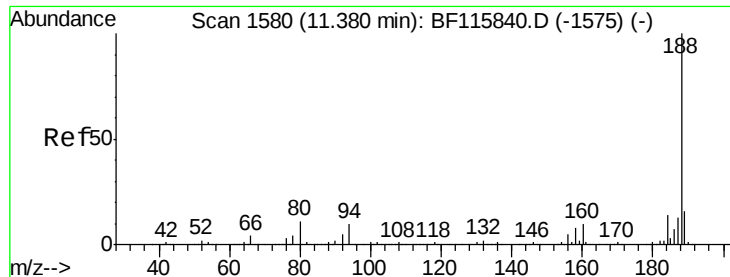
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

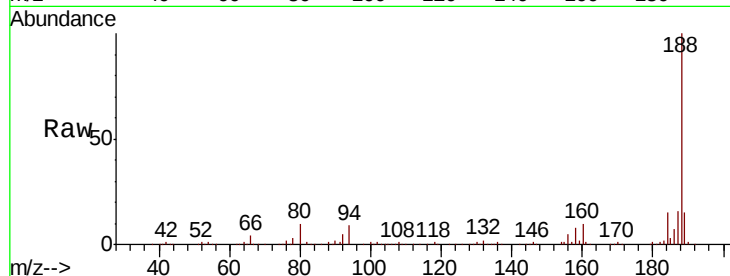
Tot Ion:188 Resp: 469570

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8

188 100

94 9.2 8.0 12.0

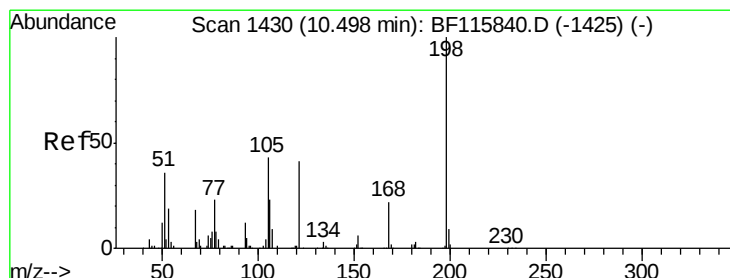
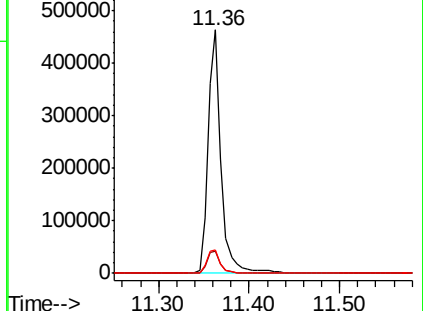
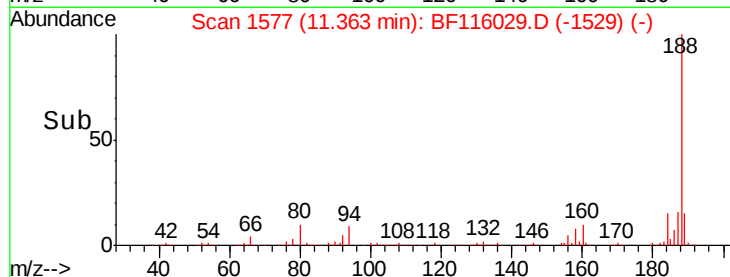
80 9.8 8.6 12.8



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: 0.274 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.17 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

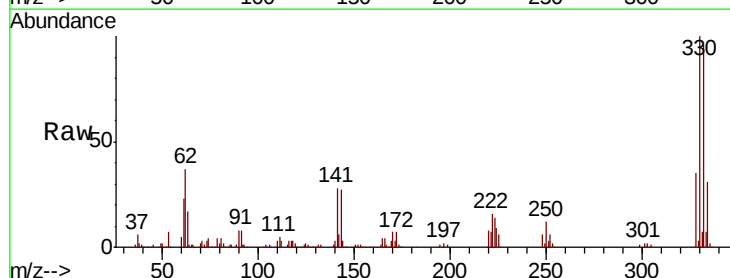
Tgt Ion:198 Resp: 681

Ion	Ratio	Lower	Upper
198	100		
51	105.7	21.1	61.1#
105	148.6	24.5	64.5#

198 100

51 105.7 21.1 61.1#

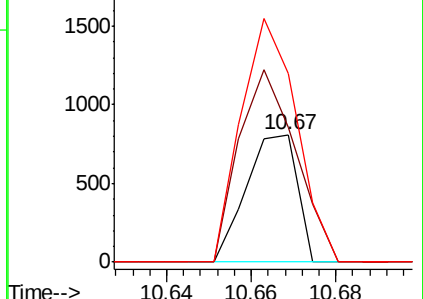
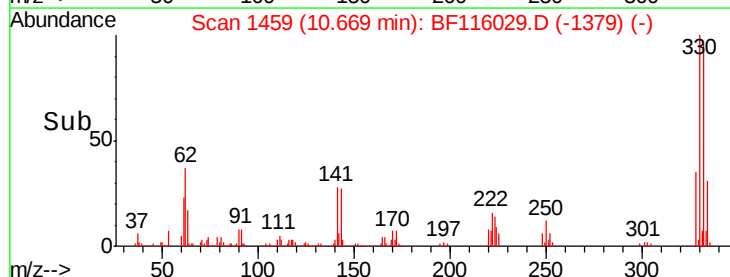
105 148.6 24.5 64.5#

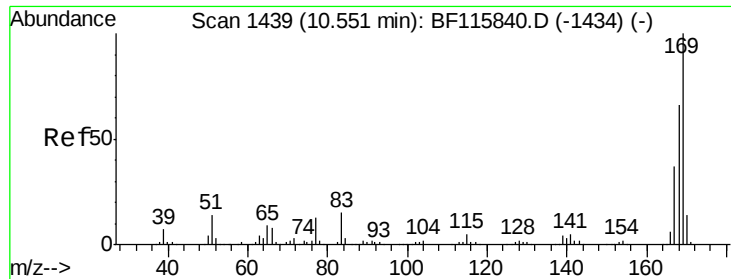


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

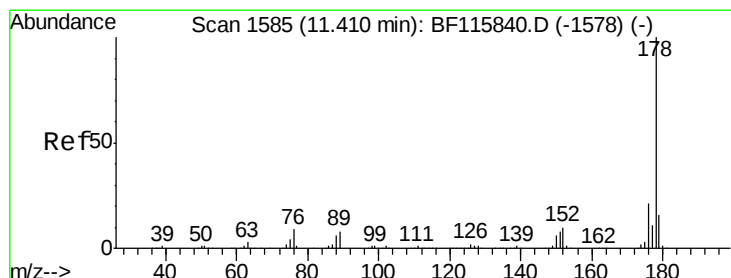
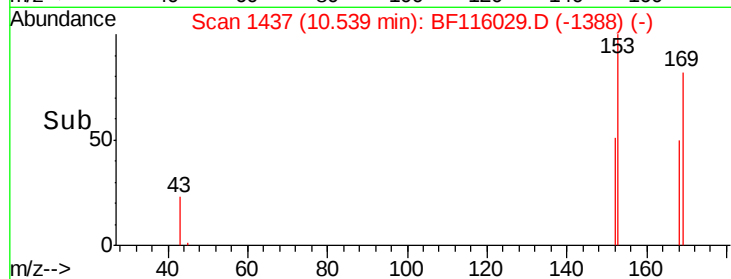
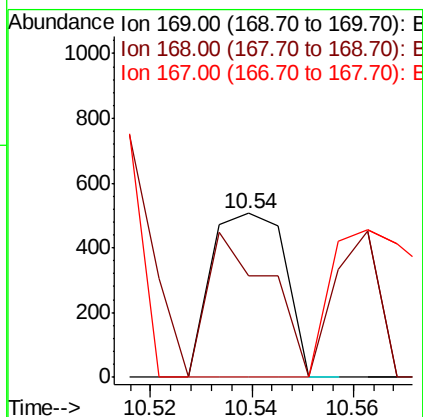
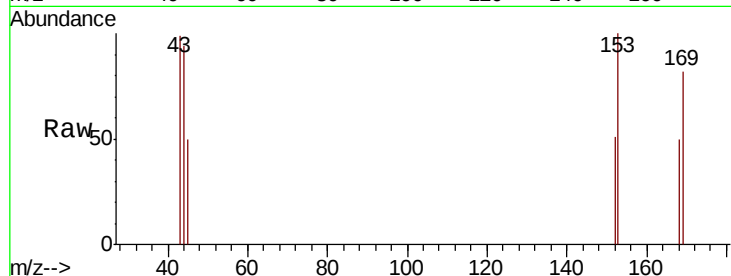




#66
 n-Nitrosodiphenylamine
 Concen: 0.036 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

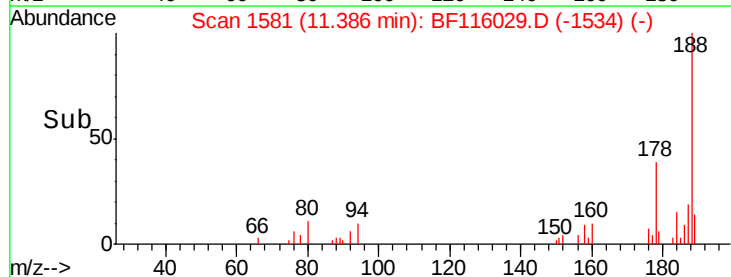
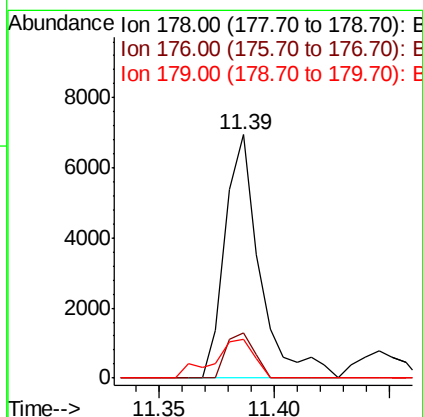
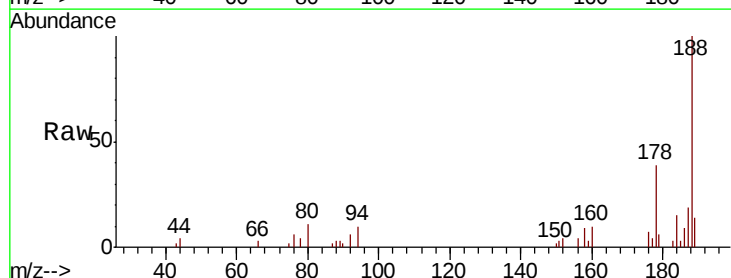
Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

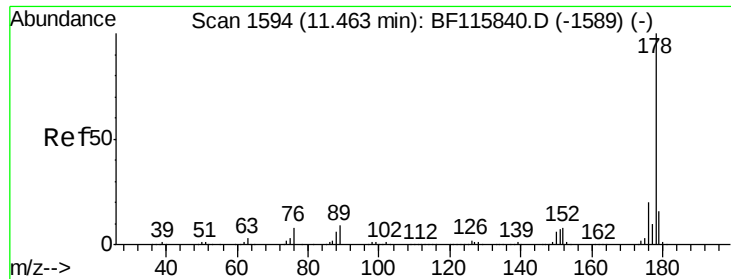
Tot Ion:169 Resp: 511
 Ion Ratio Lower Upper
 169 100
 168 61.7 53.0 79.6
 167 0.0 29.9 44.9#



#71
 Phenanthrene
 Concen: 0.303 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116029.D
 Acq: 6 Aug 2019 22:29

Tgt Ion:178 Resp: 7283
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.5 24.7
 179 15.9 12.6 18.8





#72

Anthracene

Concen: 0.300 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.08 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

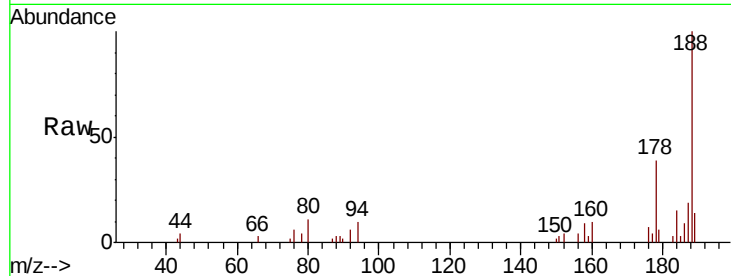
Tot Ion:178 Resp: 7283

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

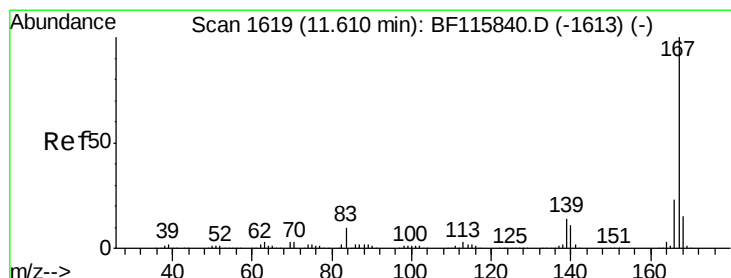
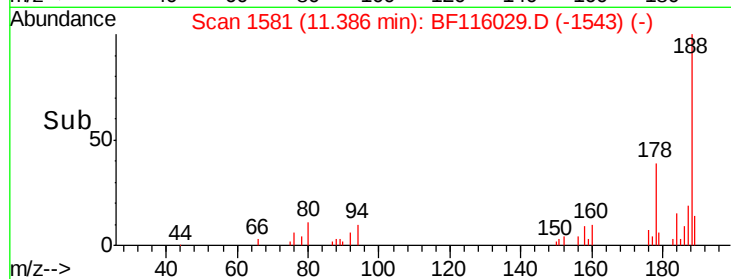
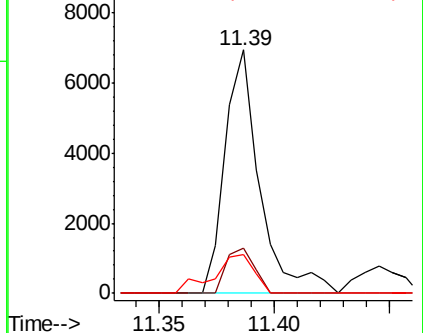
179 15.9 12.4 18.6



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: 0.023 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

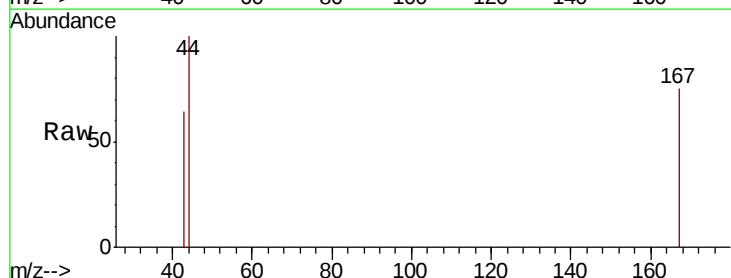
Tgt Ion:167 Resp: 507

Ion Ratio Lower Upper

167 100

166 0.0 18.0 27.0#

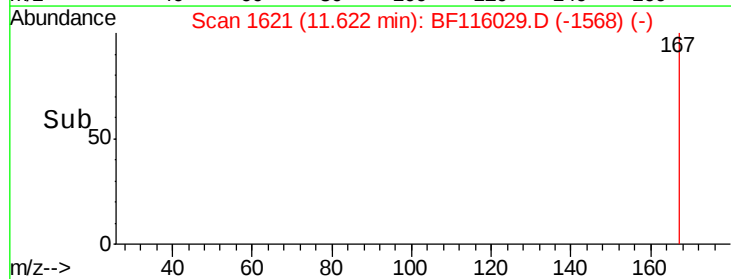
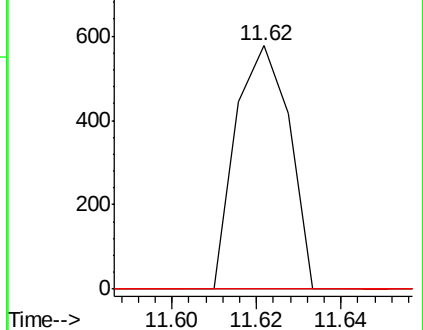
139 0.0 11.4 17.2#

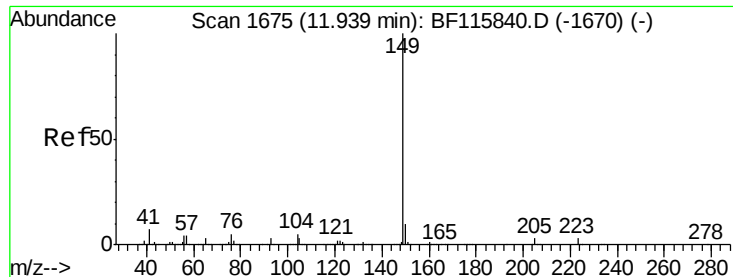


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.077 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

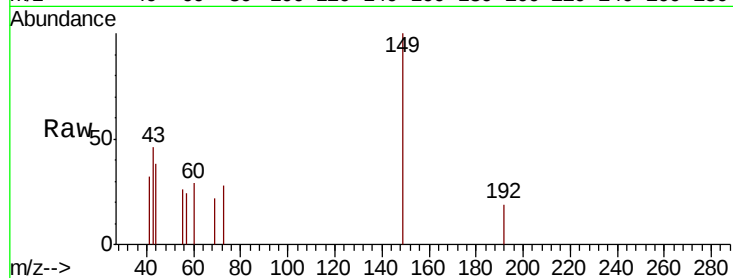
Tot Ion:149 Resp: 1981

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

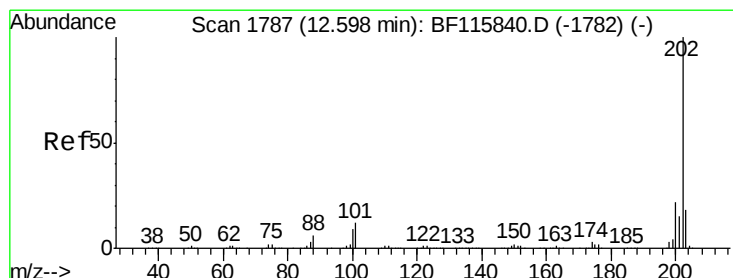
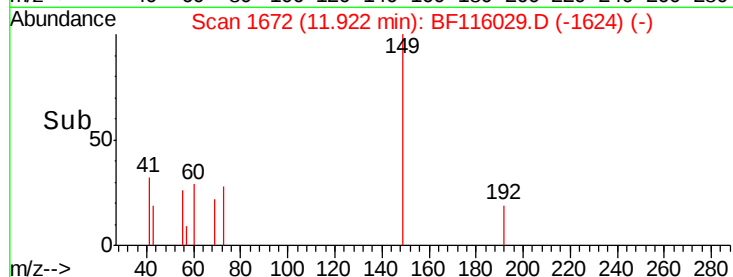
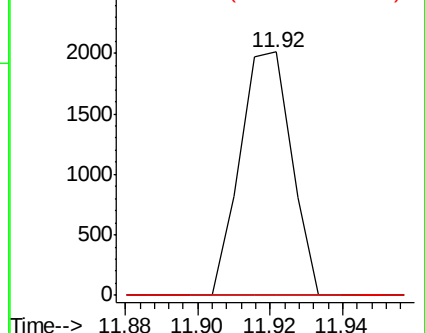
104 0.0 4.3 6.5#



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: 0.051 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

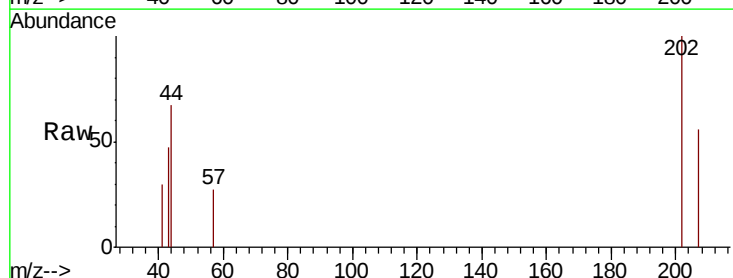
Tgt Ion:202 Resp: 1285

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

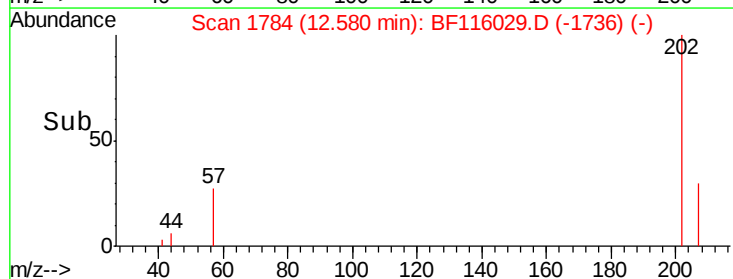
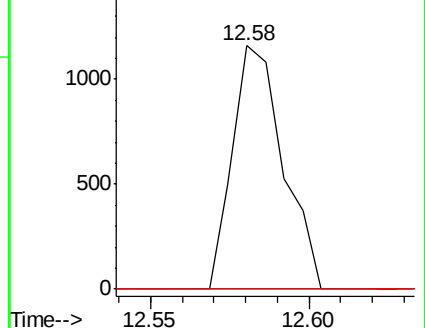
203 0.0 0.0 37.9

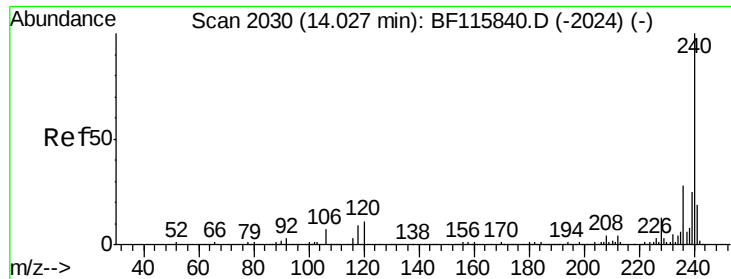


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

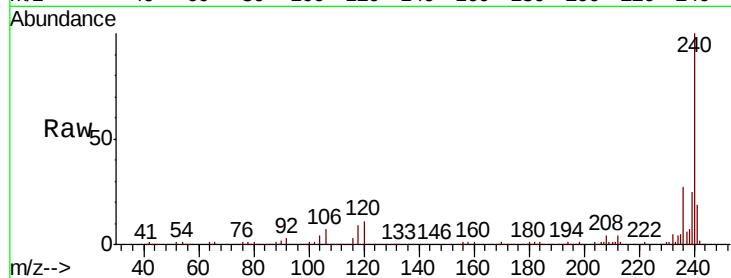




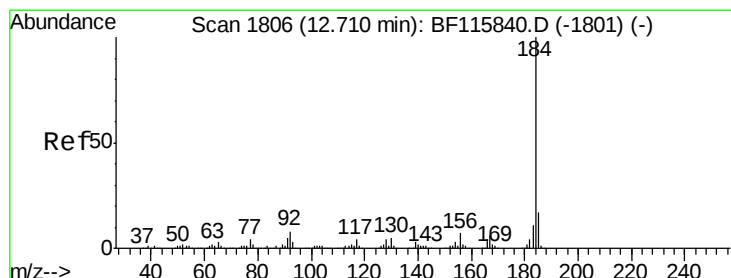
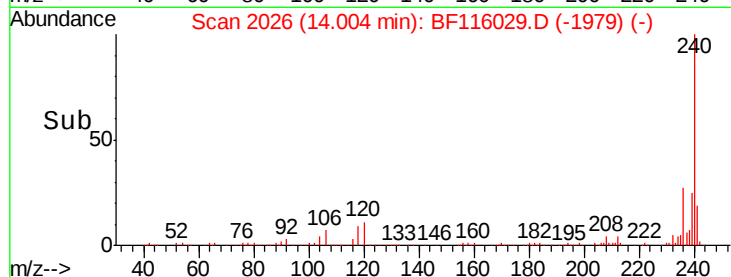
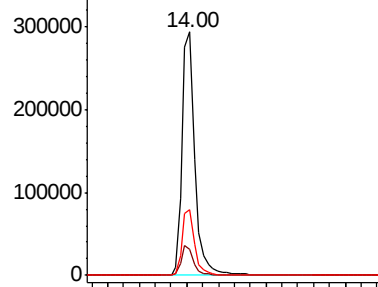
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion:240 Resp: 329180
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 27.2 22.2 33.2

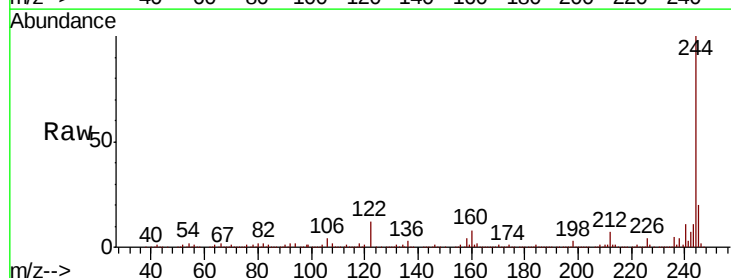


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

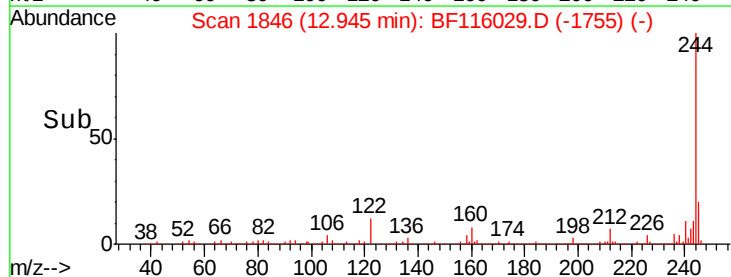
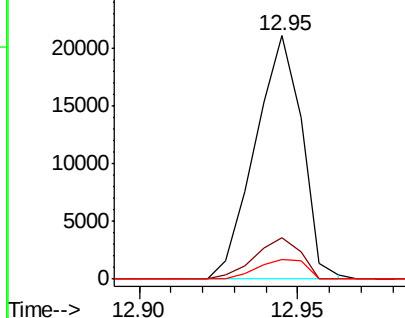


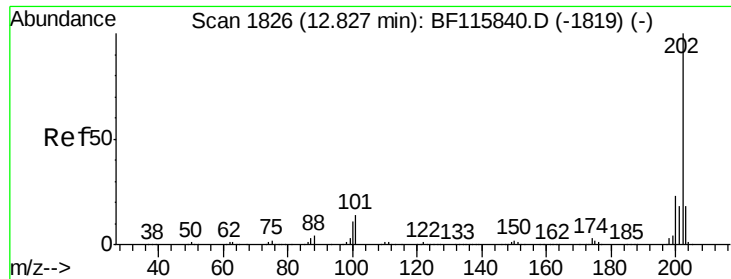
#77
Benzidine
Concen: 1.951 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.24 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion:184 Resp: 21701
Ion Ratio Lower Upper
184 100
185 17.0 13.4 20.2
183 8.3 9.1 13.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

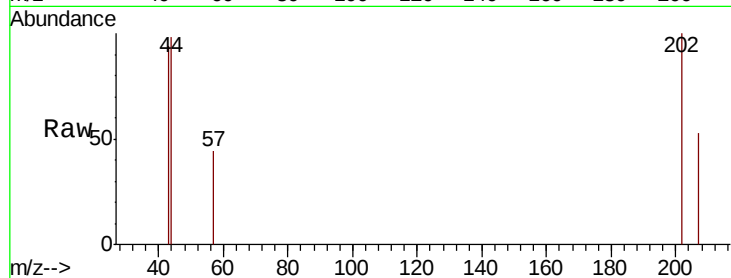




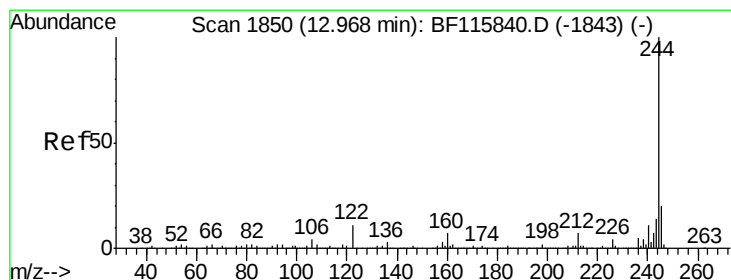
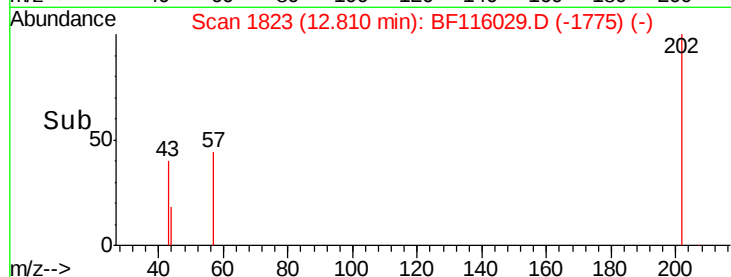
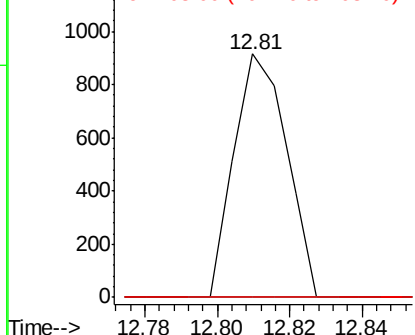
#78
Pvrene
Concen: 0.037 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion:202 Resp: 924
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#

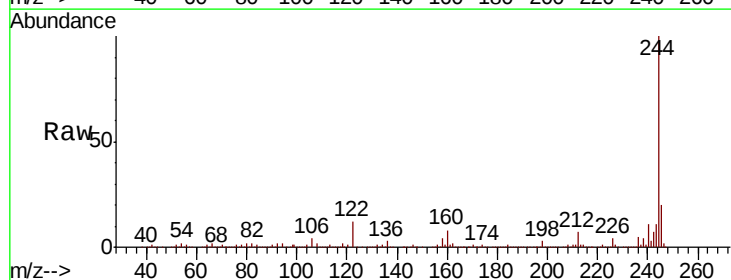


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

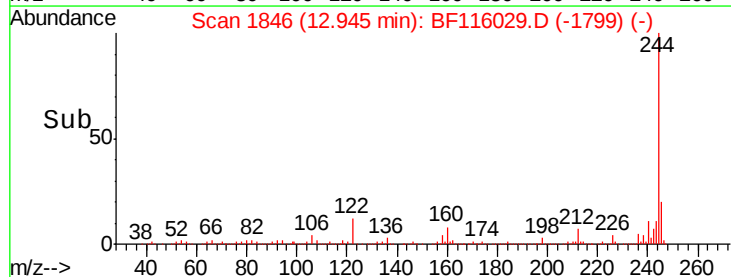
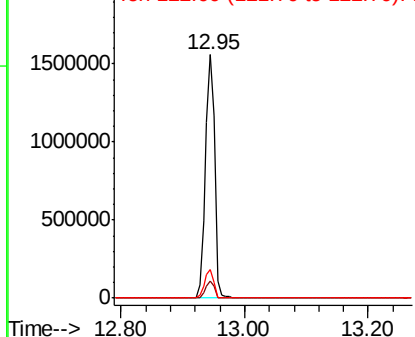


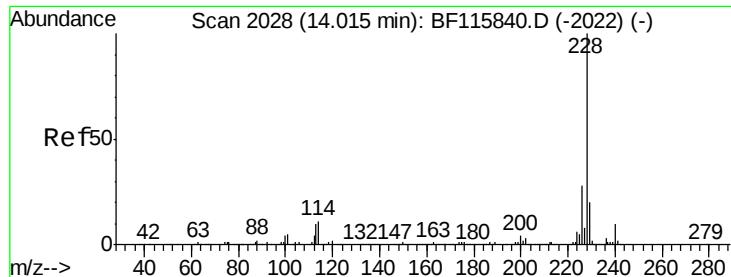
#79
Terphenyl-d14
Concen: 104.426 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion:244 Resp: 1631341
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.9 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: 0.044 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

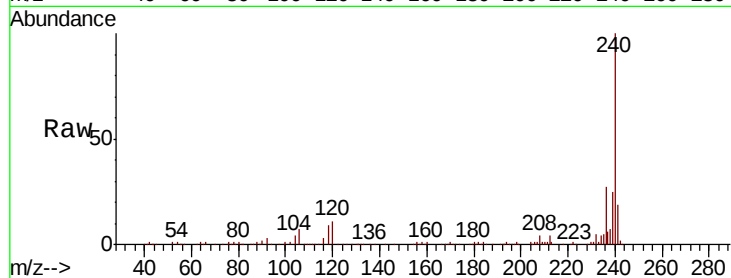
Tot Ion:228 Resp: 920

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

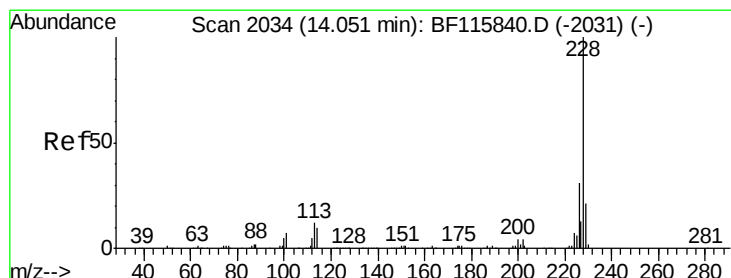
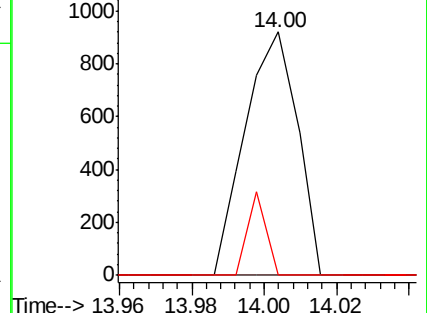
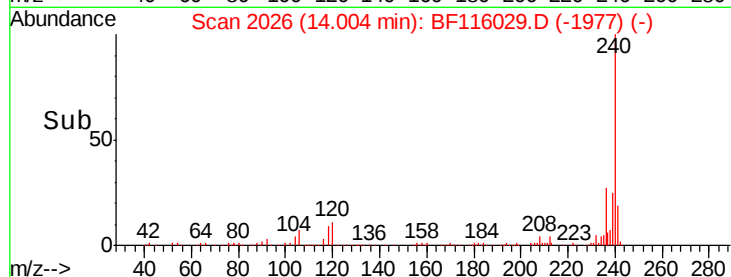
229 0.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.045 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

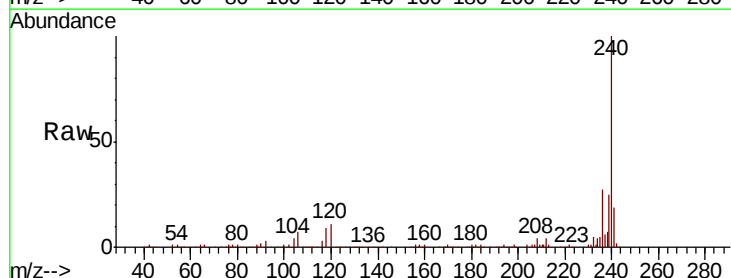
Tgt Ion:228 Resp: 920

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

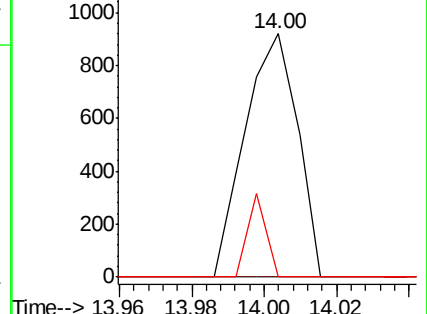
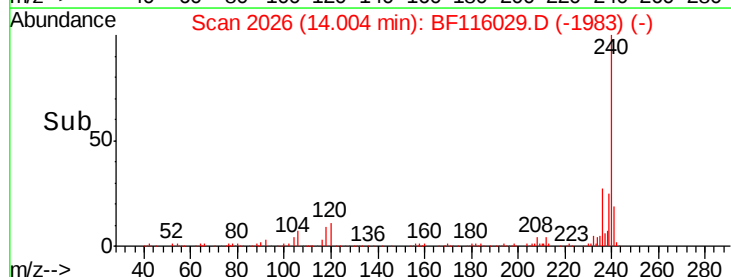
229 0.0 16.4 24.6#

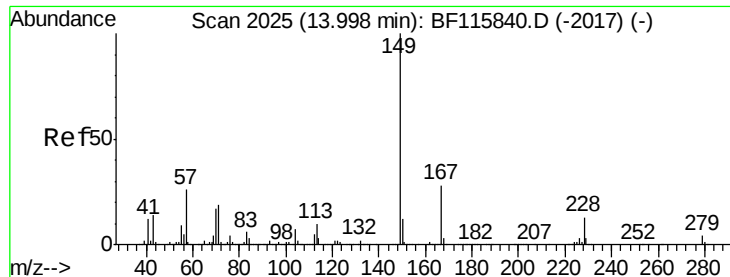


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

Instrument :

BNA_F

ClientSampleId :

1S-C1-C4-COMP-(0-1)

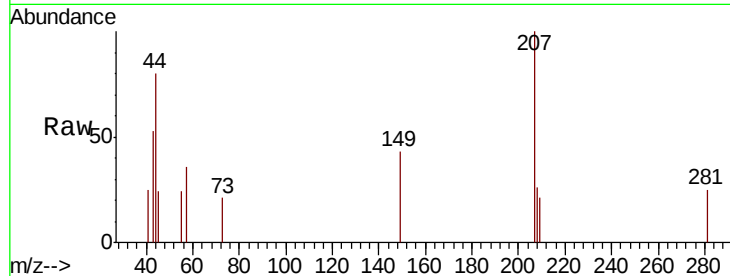
Tot Ion:149 Resp: 576

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

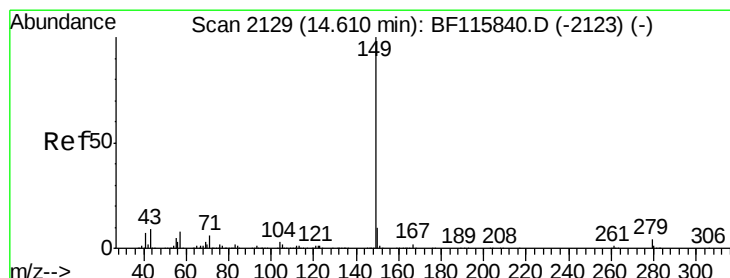
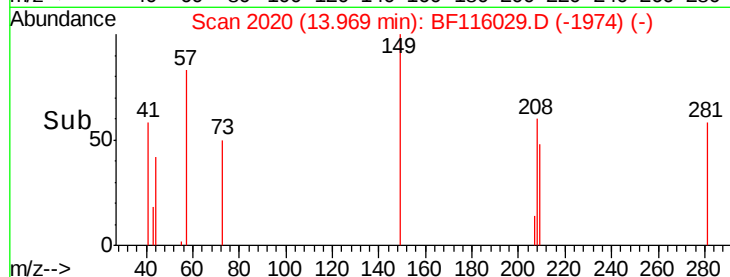
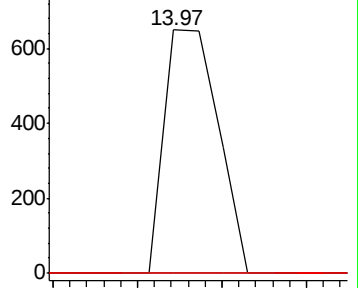
279 0.0 3.3 4.9#



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



#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF116029.D

Acq: 6 Aug 2019 22:29

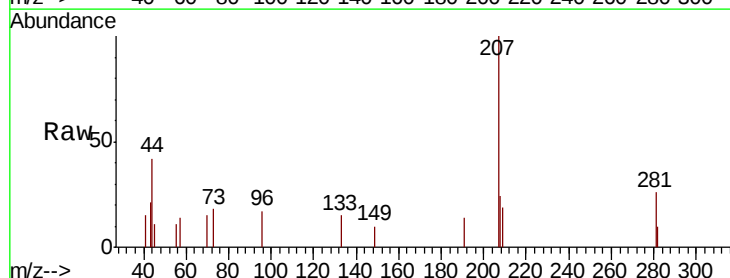
Tgt Ion:149 Resp: 114

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

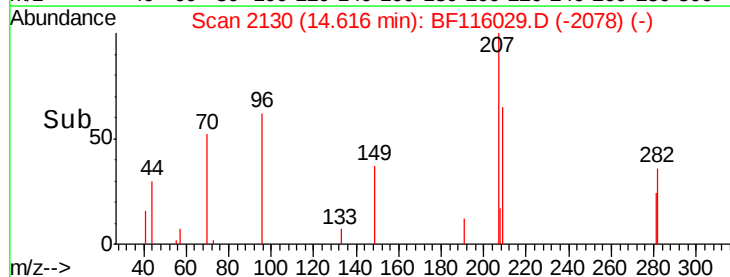
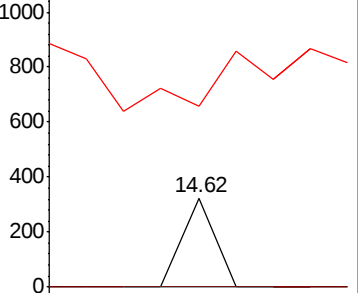
43 0.0 7.4 11.0#

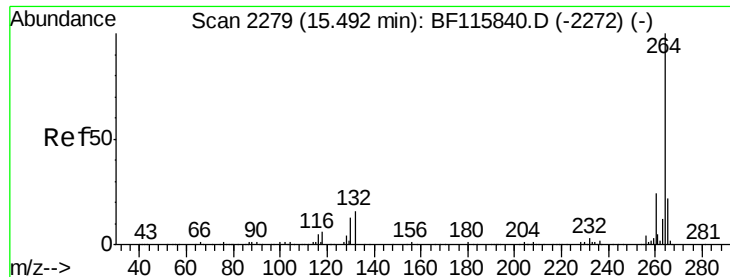


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

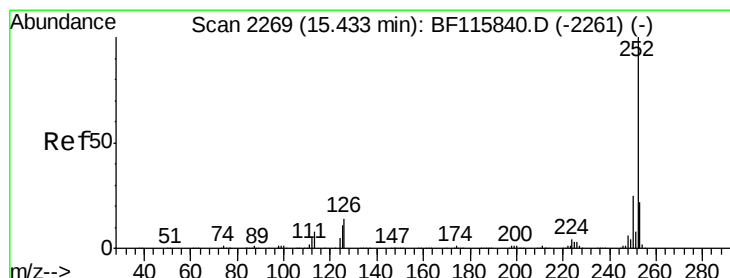
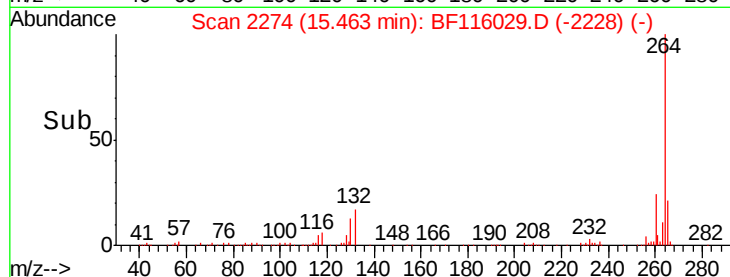
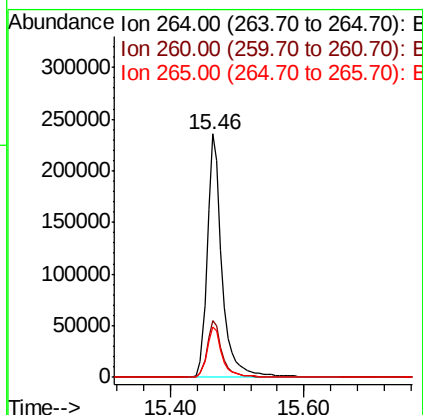
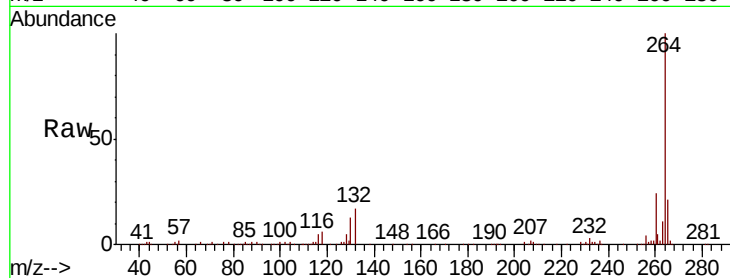




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Tot Ion:264 Resp: 362551
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 20.9 17.5 26.3



#90
Benzo(a)pyrene
Concen: 0.057 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF116029.D
Acq: 6 Aug 2019 22:29

Tgt Ion:252 Resp: 1065
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 0.0 8.8 13.2#

