

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116022.D
 Acq On : 6 Aug 2019 19:22
 Operator : HP/JU
 Sample : K4131-36
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Quant Time: Aug 07 04:39:50 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	131097	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503035	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	275631	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	522679	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	470883	20.00	ng	-0.02
87) Perylene-d12	15.46	264	496768	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	917714	117.19	ng	0.00
7) Phenol-d6	6.48	99	1067492	108.04	ng	0.00
23) Nitrobenzene-d5	7.40	82	865438	99.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	407047	152.32	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1488764	101.17	ng	-0.02
79) Terphenyl-d14	12.95	244	1970247	88.17	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	1204	0.085	ng	# 1
8) 2-Chlorophenol	6.63	128	273	0.032	ng	# 1
9) Benzaldehyde	6.48	77	1492	0.219	ng	# 1
10) Phenol	6.62	94	1938	0.167	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1204	0.141	ng	# 1
15) Benzyl Alcohol	7.00	79	13608	1.815	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.14	45	719	0.062	ng	# 65
18) Hexachloroethane	7.37	117	539	0.146	ng	# 1
22) Acetophenone	7.24	105	108	0.010	ng	# 52
24) Nitrobenzene	7.40	77	2849	0.303	ng	# 36
31) Naphthalene	8.15	128	20195	0.853	ng	# 98
33) 4-Chloroaniline	8.15	127	2520	0.238	ng	# 25
35) Caprolactam	8.84	113	503	0.221	ng	# 1
38) 1-Methylnaphthalene	8.93	142	20349	1.380	ng	# 100
46) 1,1'-Biphenyl	9.30	154	3504	0.180	ng	# 98
47) 2-Chloronaphthalene	9.46	162	411	0.025	ng	# 29
48) 2-Nitroaniline	9.20	65	2527	0.472	ng	# 1
49) Acenaphthylene	9.74	152	958	0.041	ng	# 52
52) Acenaphthene	9.91	154	3468	0.239	ng	# 96
55) Dibenzofuran	10.09	168	2958	0.140	ng	# 85
56) 4-Nitrophenol	10.09	139	1215	0.376	ng	# 8
58) Fluorene	10.43	166	4522	0.279	ng	# 98
60) Diethylphthalate	10.29	149	1445	0.082	ng	# 76
63) Azobenzene	10.66	77	1758	0.098	ng	# 16
65) 4,6-Dinitro-2-methylphenol	10.66	198	944	0.341	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	12048	0.766	ng	# 45
71) Phenanthrene	11.39	178	11872	0.444	ng	# 97
73) Carbazole	11.62	167	127	0.005	ng	# 58
74) Di-n-butylphthalate	11.92	149	6348	0.222	ng	# 95
75) Fluoranthene	12.58	202	1951	0.070	ng	# 64
77) Benzdine	12.95	184	26842	1.687	ng	# 96
78) Pvrene	12.81	202	1446	0.041	ng	# 56
80) Butylbenzylphthalate	13.42	149	686	0.046	ng	# 79
81) Benzo(a)anthracene	14.00	228	1291	0.043	ng	# 52

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116022.D
Acq On : 6 Aug 2019 19:22
Operator : HP/JU
Sample : K4131-36
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Quant Time: Aug 07 04:39:50 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

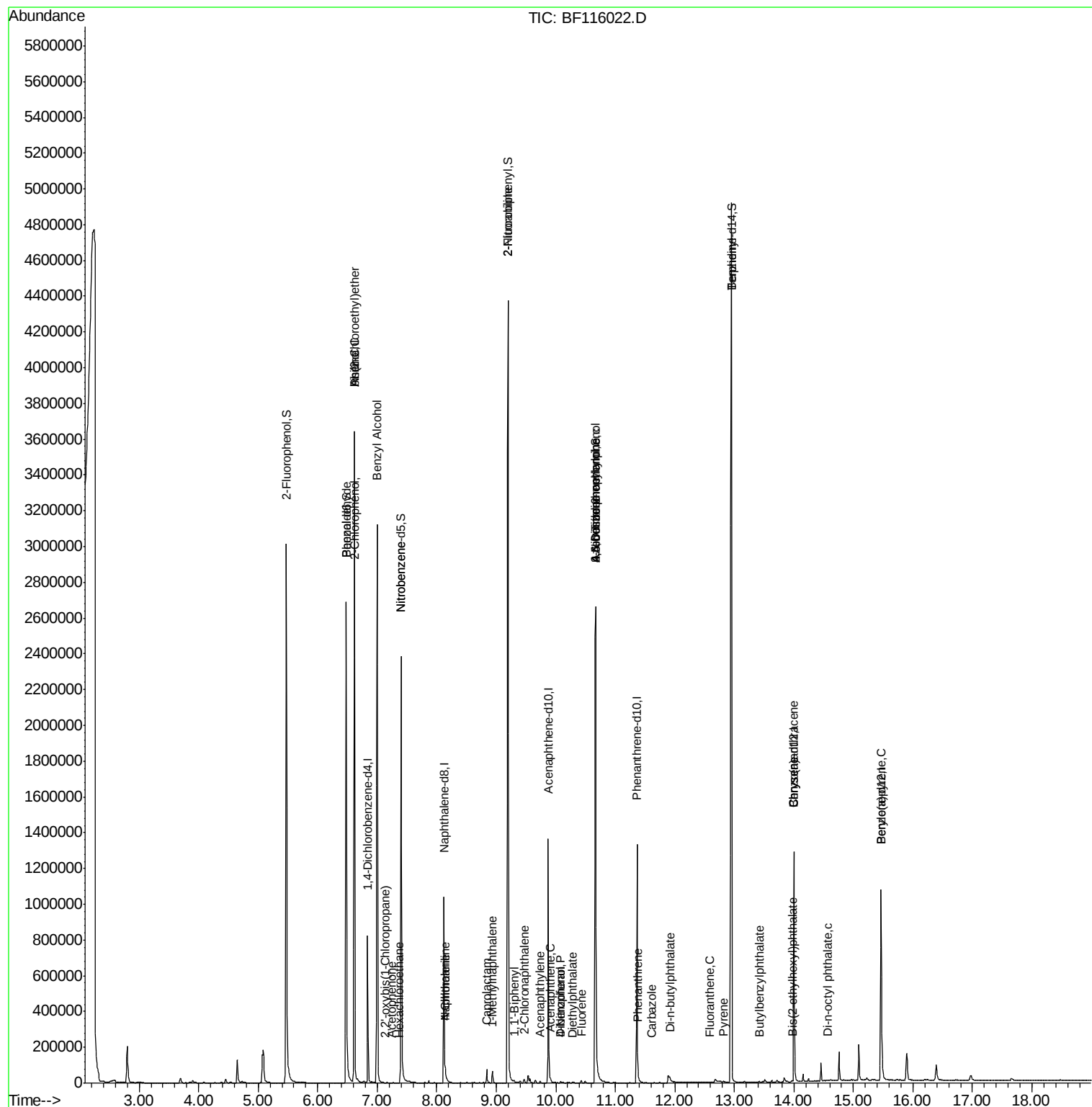
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	14.00	228	1291	0.044	ng	# 50
84) Bis(2-ethylhexyl)phthalate	13.97	149	3005	0.154	ng	# 94
85) Di-n-octyl phthalate	14.57	149	118	0.004	ng	# 78
90) Benzo(a)pyrene	15.47	252	1670	0.065	ng	# 1

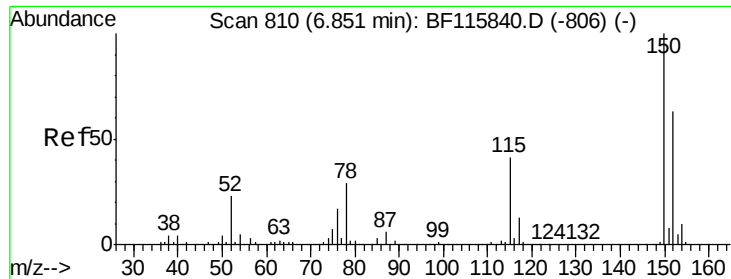
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116022.D
Acq On : 6 Aug 2019 19:22
Operator : HP/JU
Sample : K4131-36
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Quant Time: Aug 07 04:39:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

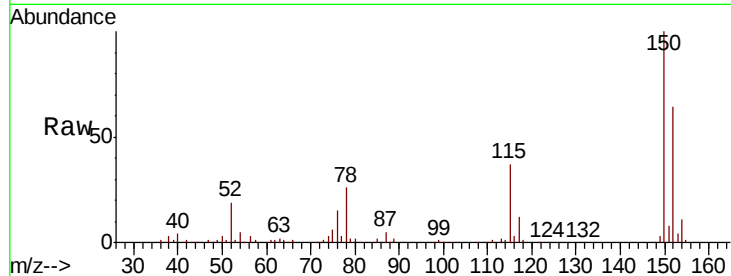
Tot Ion:152 Resp: 131097

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.0

115 58.2 51.8 77.8

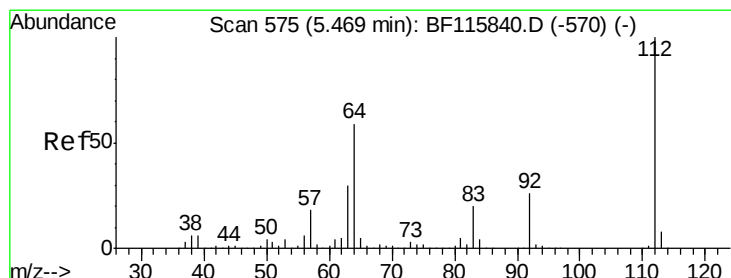
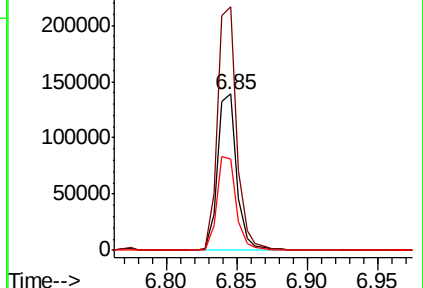
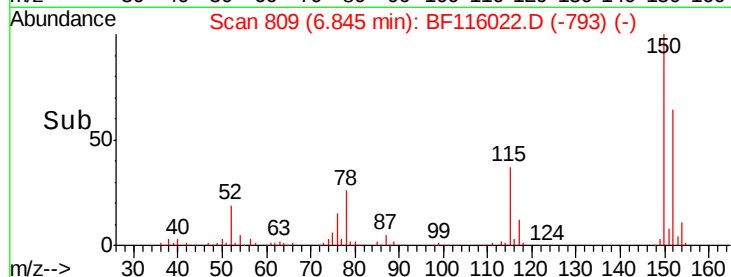


Abundance

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: 117.189 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

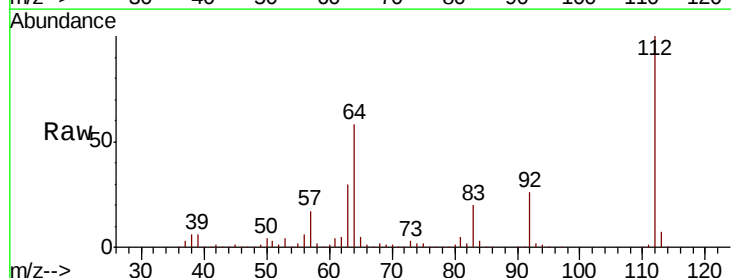
Tgt Ion:112 Resp: 917714

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

63 30.0 24.2 36.2

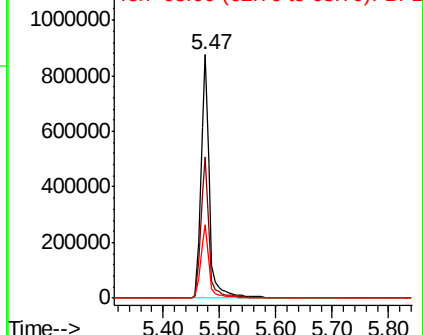
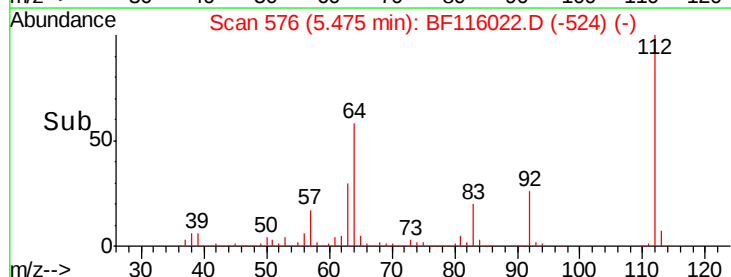


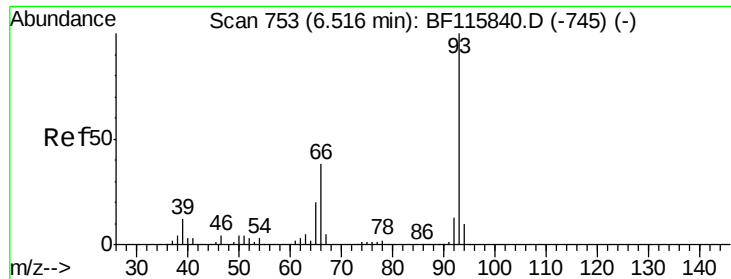
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.085 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

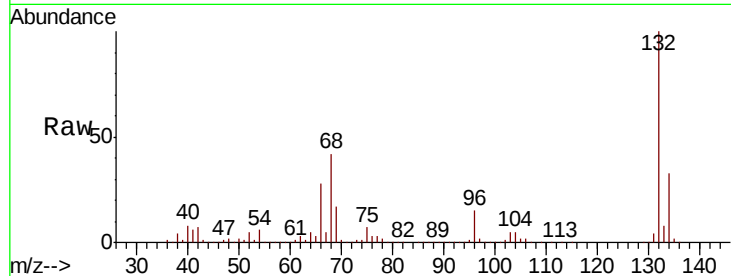
Tot Ion: 93 Resp: 1204

Ion Ratio Lower Upper

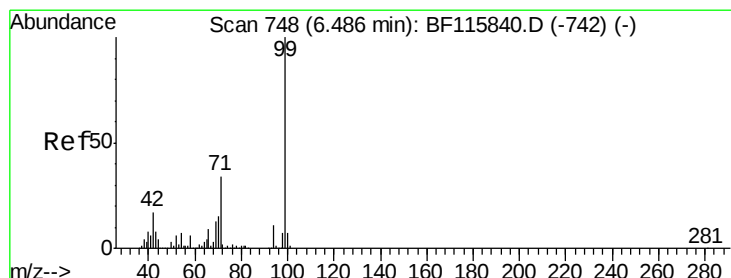
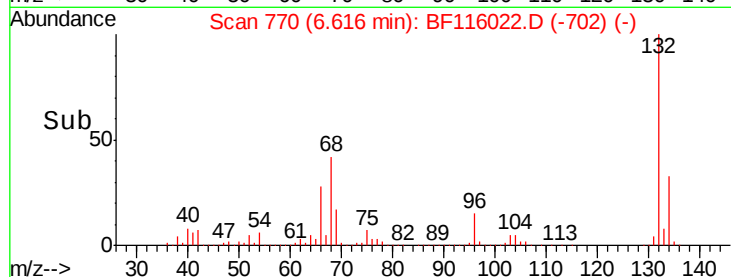
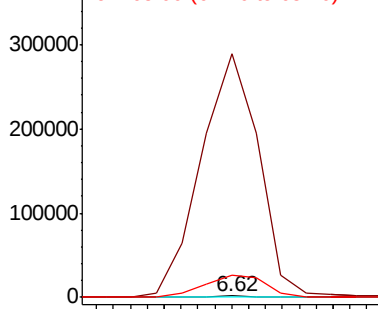
93 100

66 20107.9 31.4 47.0#

65 1846.5 16.5 24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 108.043 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

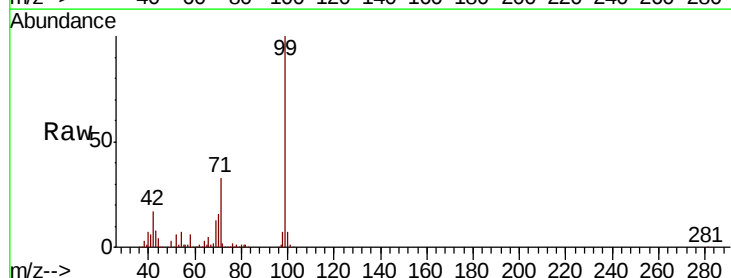
Tgt Ion: 99 Resp: 1067492

Ion Ratio Lower Upper

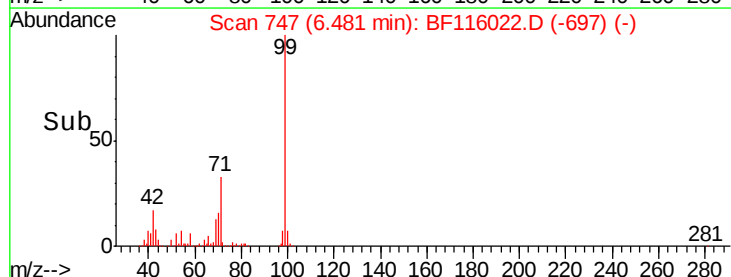
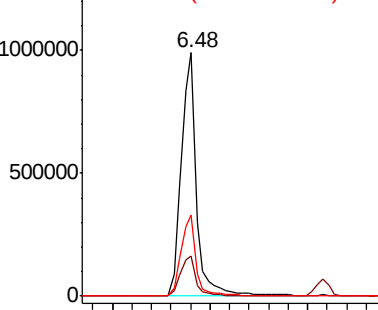
99 100

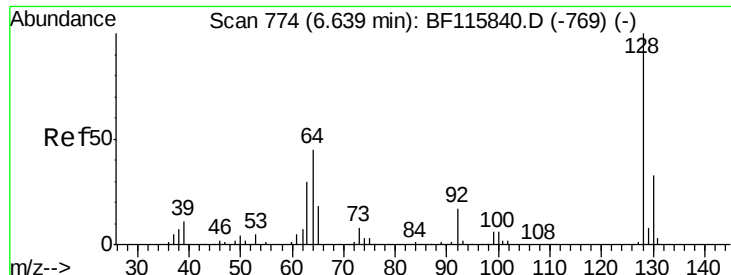
42 16.7 13.8 20.6

71 33.5 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: 0.032 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

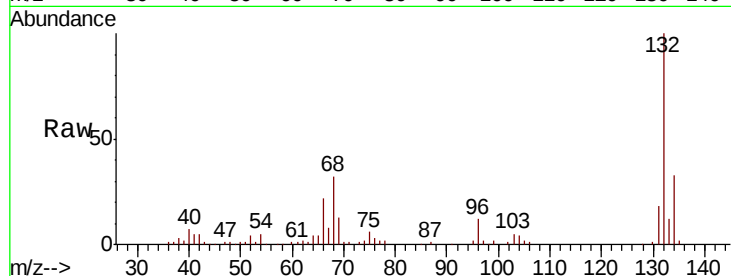
Tot Ion:128 Resp: 273

Ion Ratio Lower Upper

128 100

130 219.3 12.9 52.9#

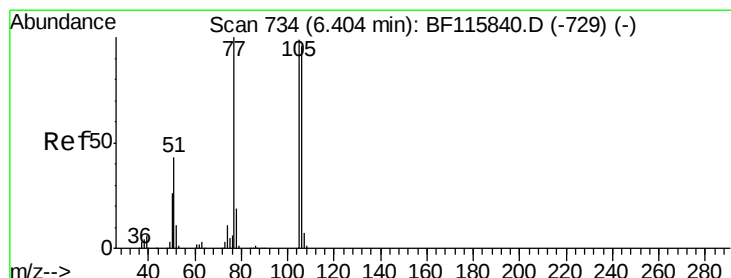
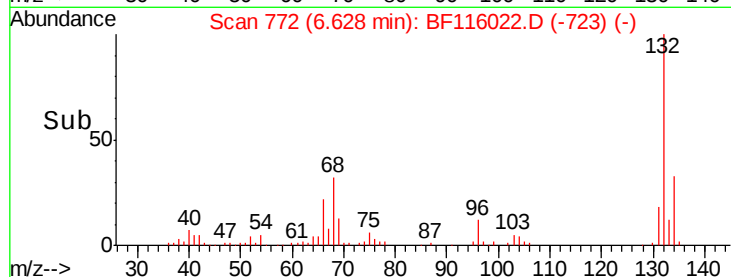
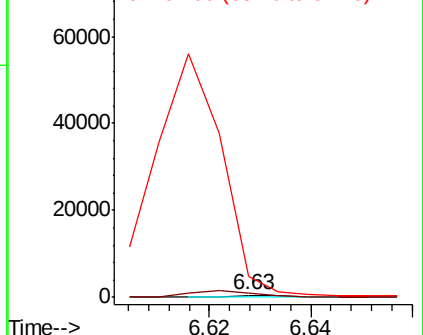
64 1097.8 26.1 66.1#



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: 0.219 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

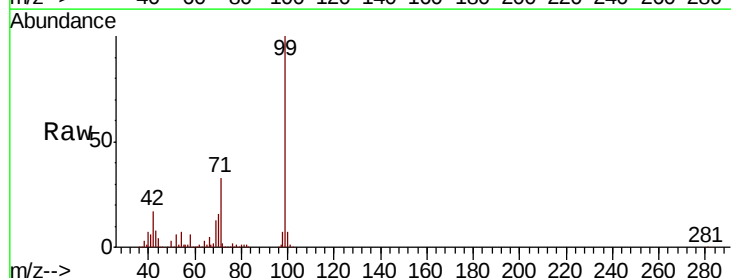
Tgt Ion: 77 Resp: 1492

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

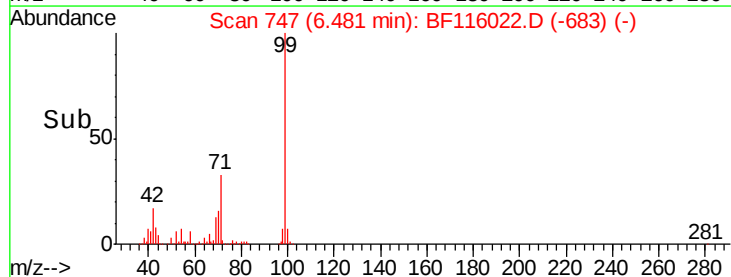
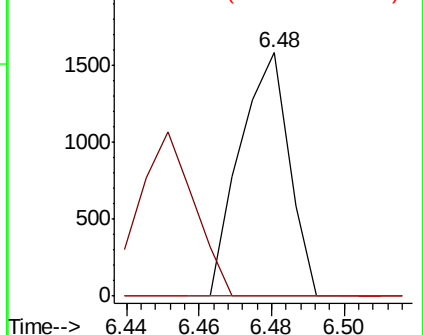
106 0.0 76.2 116.2#

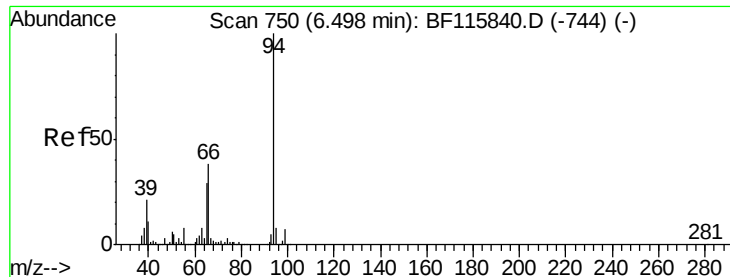


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.167 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.12 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

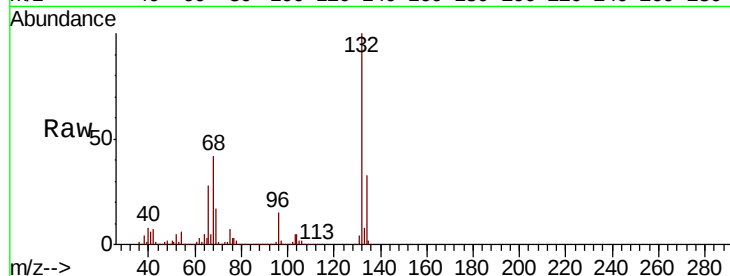
Tot Ion: 94 Resp: 1938

Ion Ratio Lower Upper

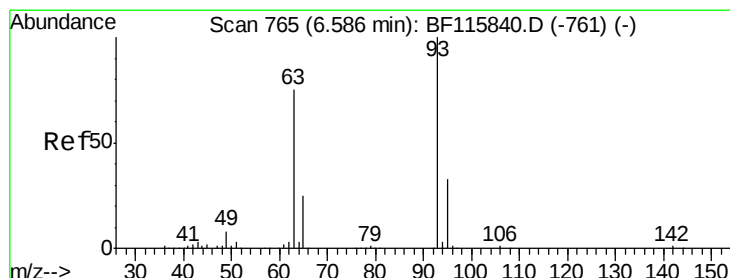
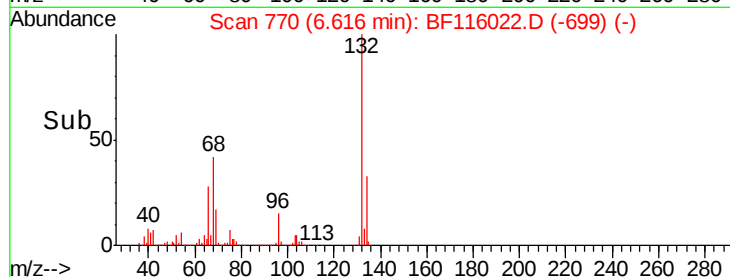
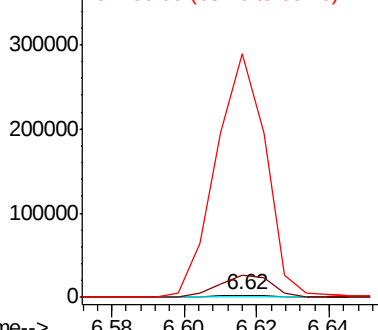
94 100

65 1313.2 8.9 48.9#

66 14300.3 18.0 58.0#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.141 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

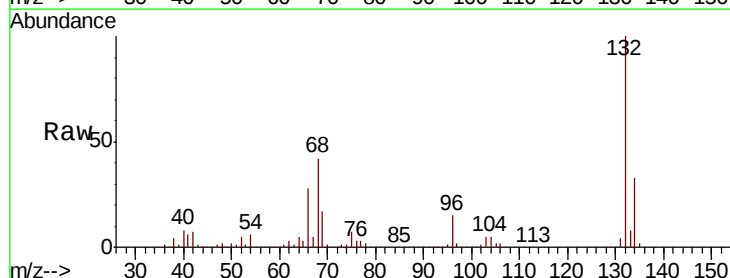
Tgt Ion: 93 Resp: 1204

Ion Ratio Lower Upper

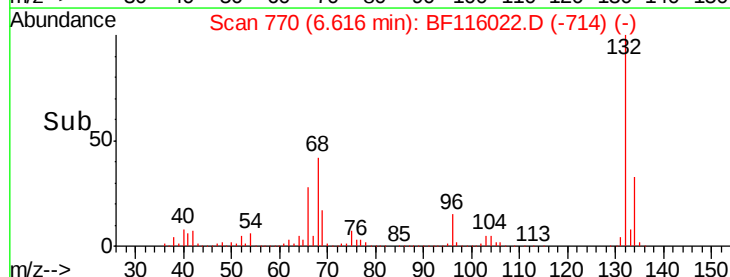
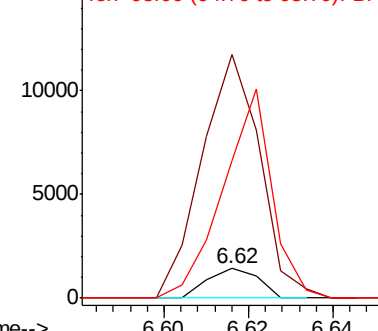
93 100

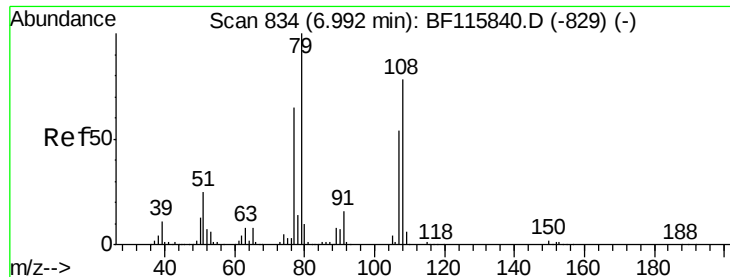
63 816.6 54.9 94.9#

95 461.9 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: 1.815 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

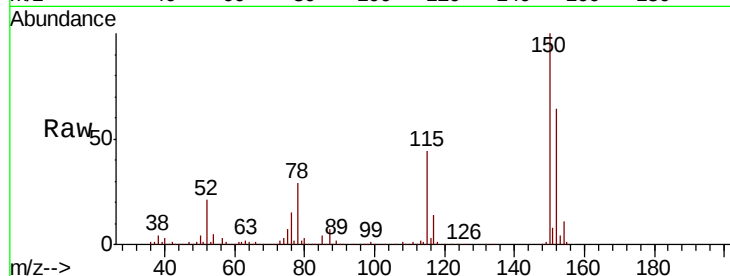
Tot Ion: 79 Resp: 13608

Ion Ratio Lower Upper

79 100

108 35.0 62.8 94.2#

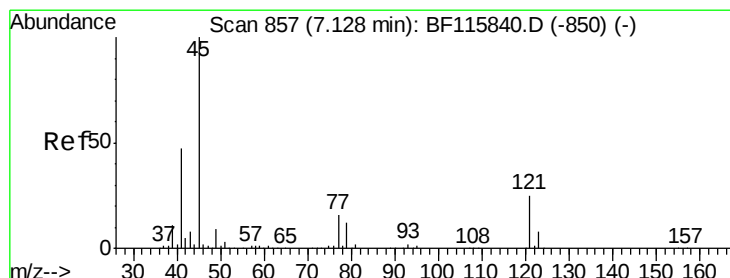
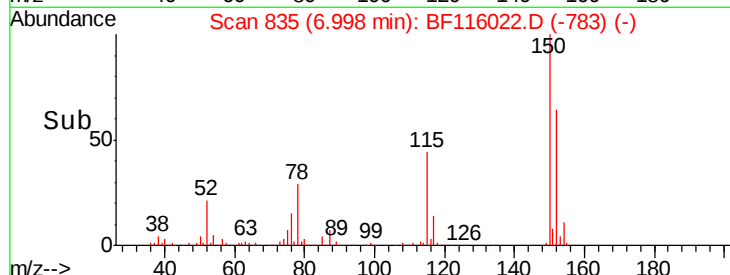
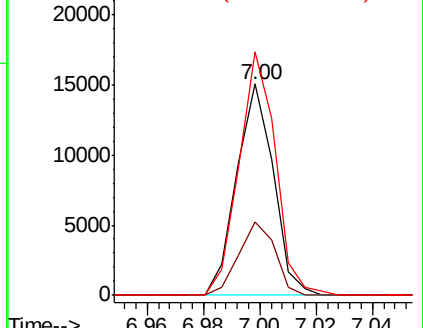
77 115.4 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.062 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

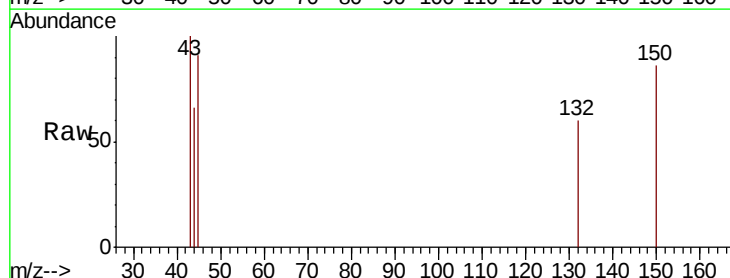
Tgt Ion: 45 Resp: 719

Ion Ratio Lower Upper

45 100

77 0.0 0.0 36.3

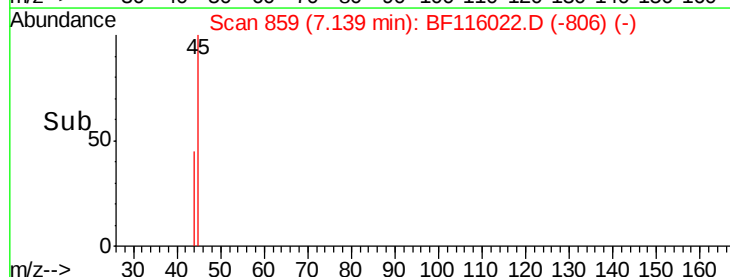
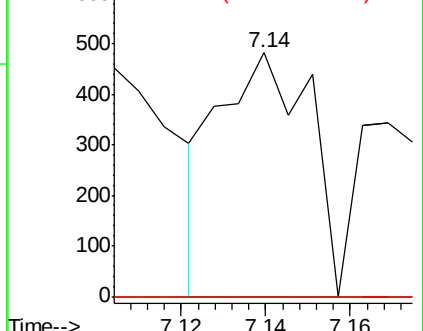
79 0.0 0.0 32.5

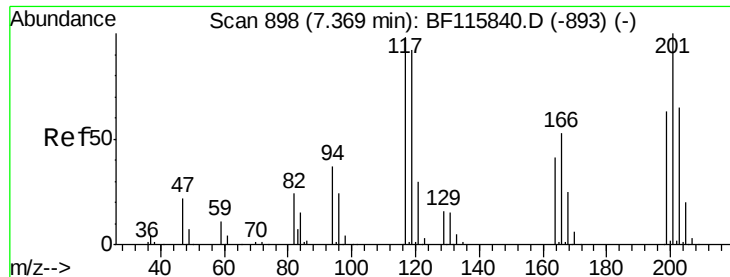


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

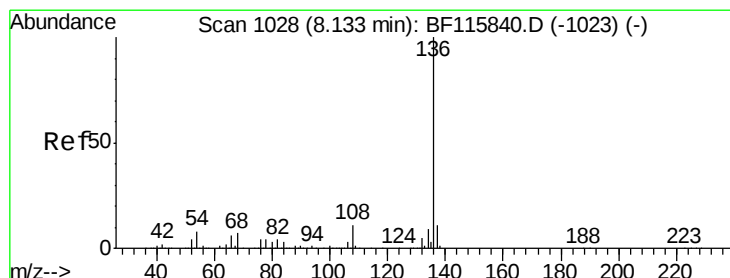
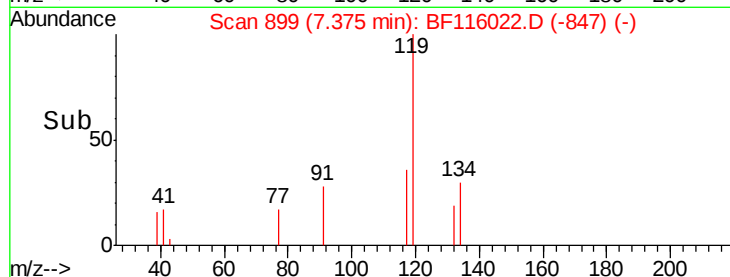
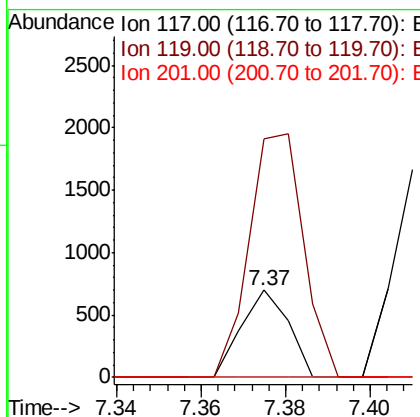
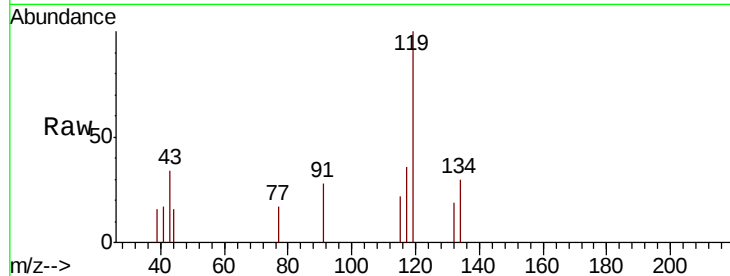




#18
Hexachloroethane
Concen: 0.146 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

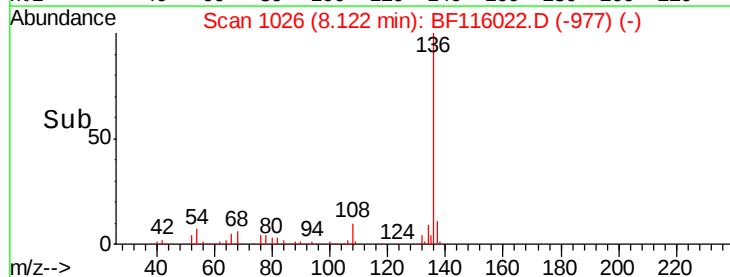
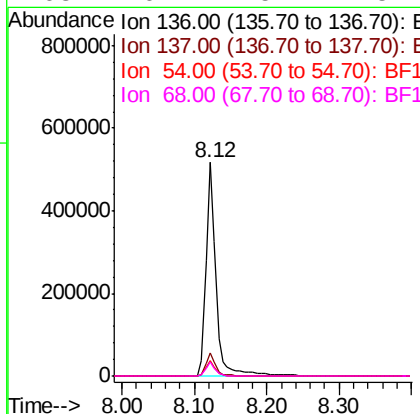
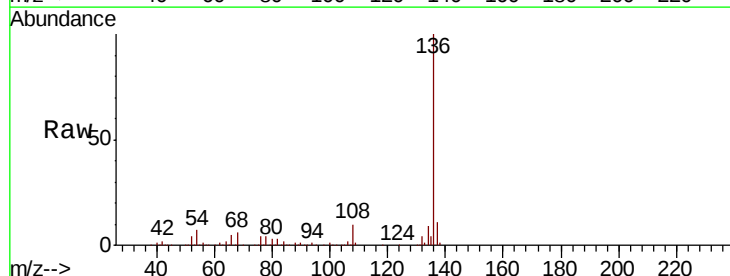
Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

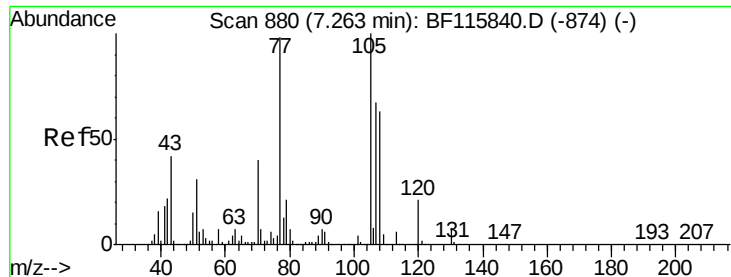
Tot Ion:117 Resp: 539
Ion Ratio Lower Upper
117 100
119 274.3 75.8 113.6#
201 0.0 82.0 123.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion:136 Resp: 503035
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.1 6.1 9.1
68 6.4 5.4 8.2





#22

Acetophenone

Concen: 0.010 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion:105 Resp: 108

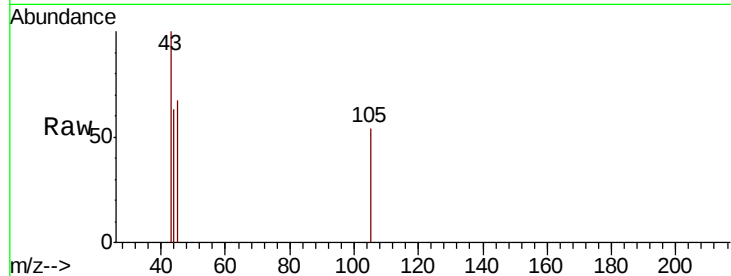
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#

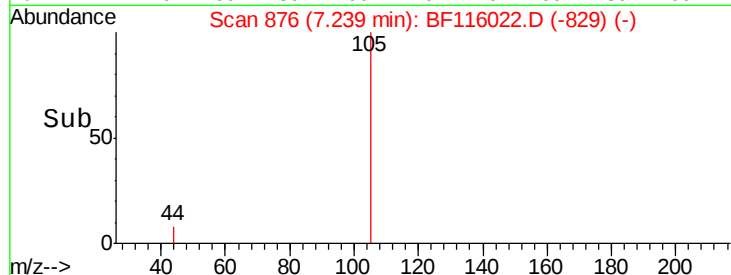
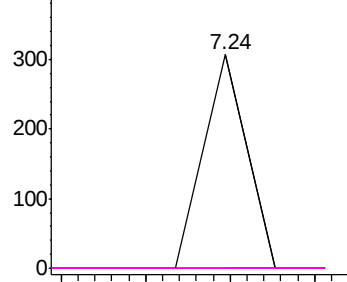


Abundance Ion 105.00 (104.70 to 105.70): E

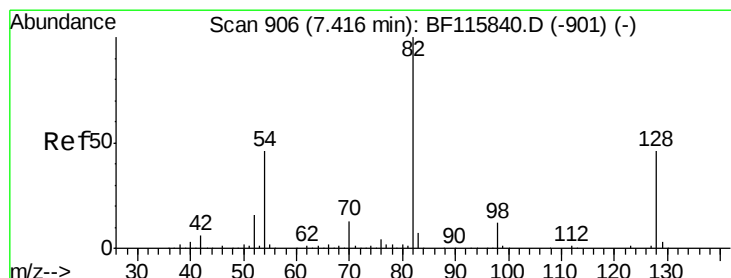
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 99.309 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

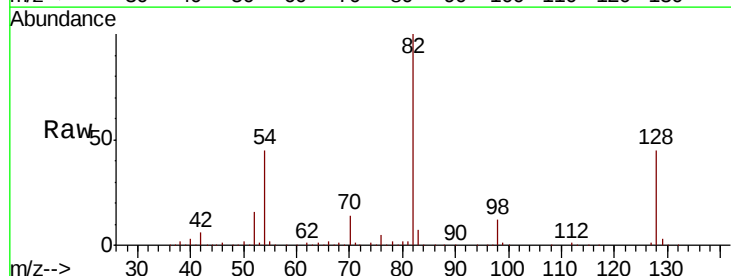
Tgt Ion: 82 Resp: 865438

Ion Ratio Lower Upper

82 100

128 45.1 36.6 55.0

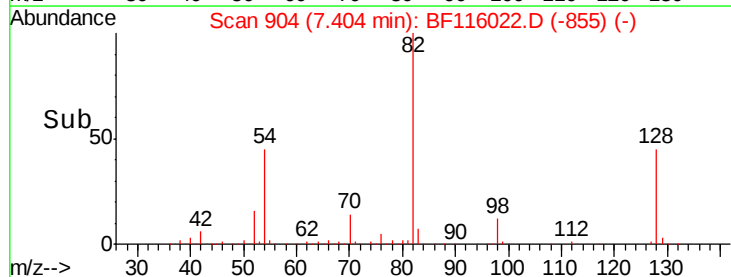
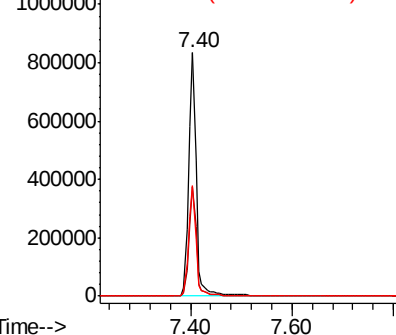
54 45.4 36.6 55.0

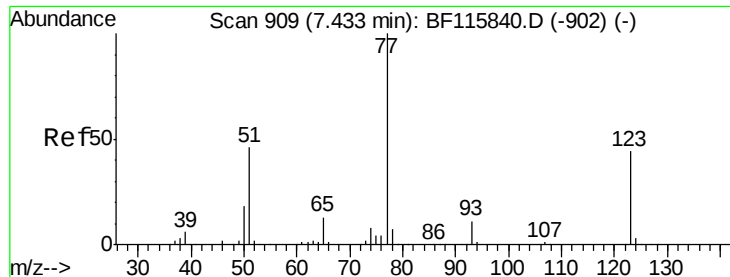


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.303 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

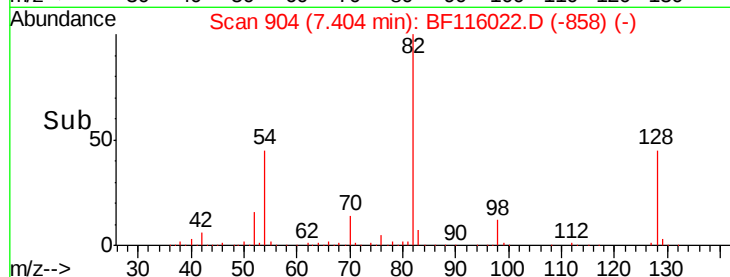
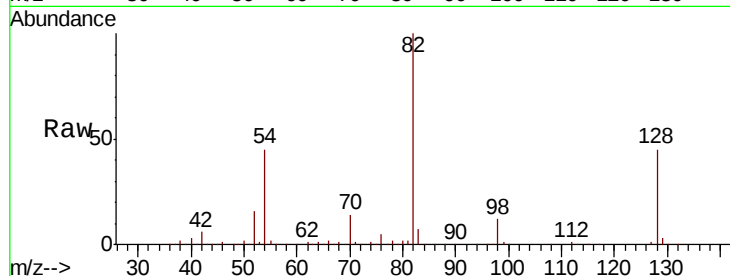
Tot Ion: 77 Resp: 2849

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

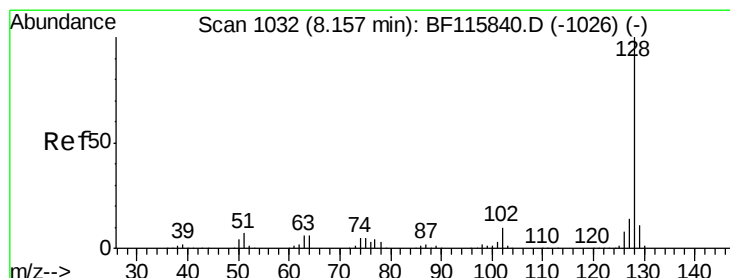
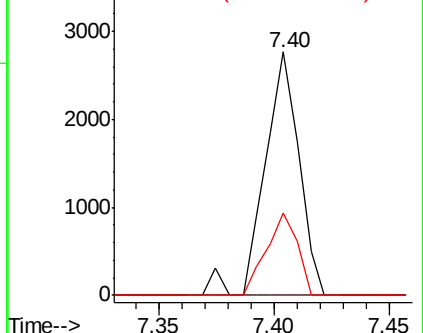
65 33.6 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 0.853 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

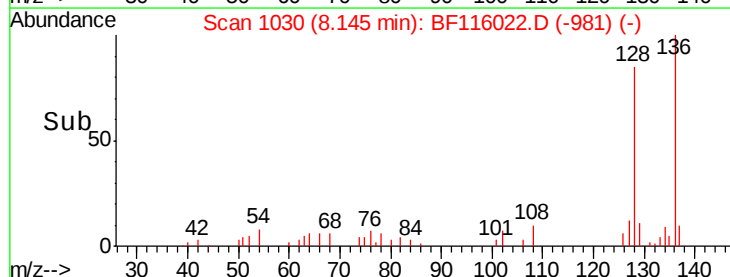
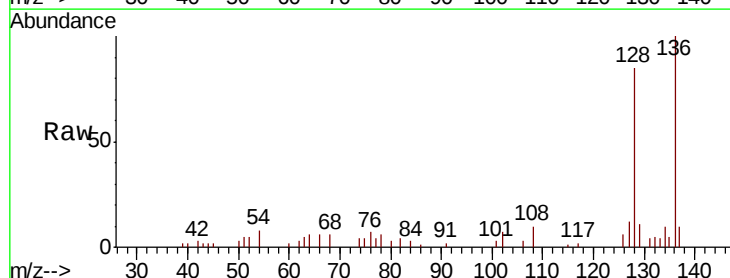
Tgt Ion: 128 Resp: 20195

Ion Ratio Lower Upper

128 100

129 13.1 9.2 13.8

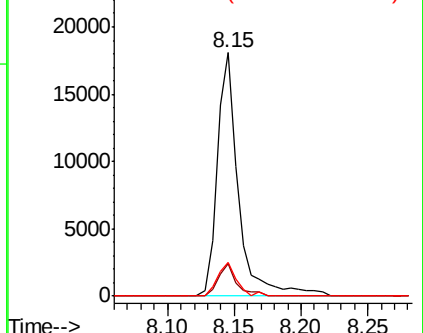
127 13.7 11.0 16.4

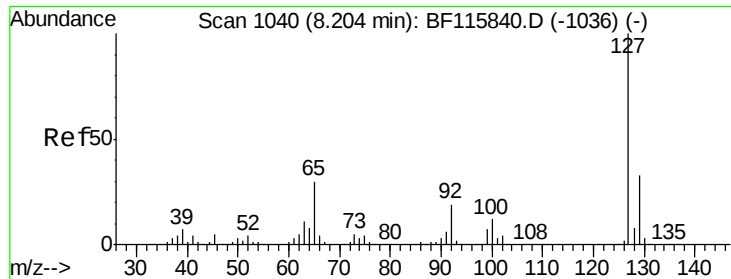


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

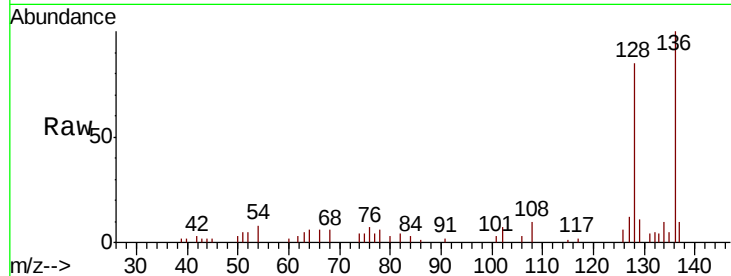




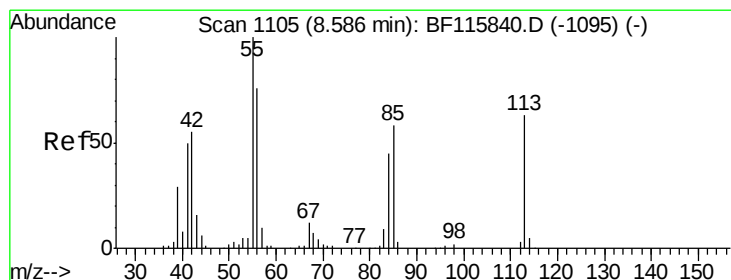
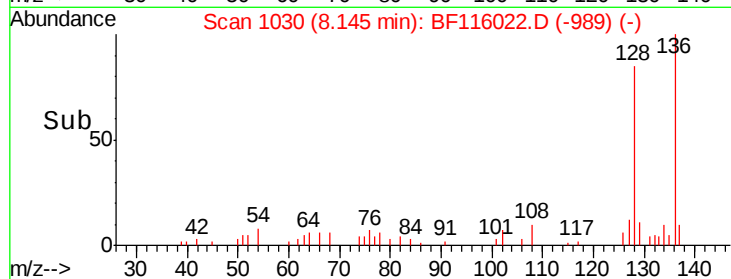
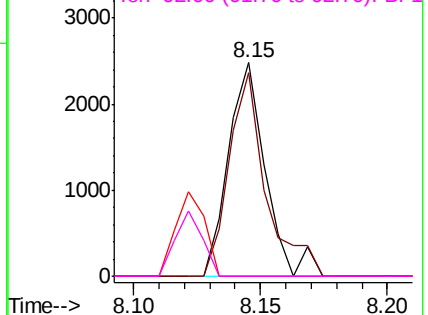
#33
4-Chloroaniline
Concen: 0.238 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion:127	Resp:	2520
Ion Ratio	Lower	Upper
127	100	
129	95.5	26.0 39.0#
65	0.0	23.9 35.9#
92	0.0	14.9 22.3#

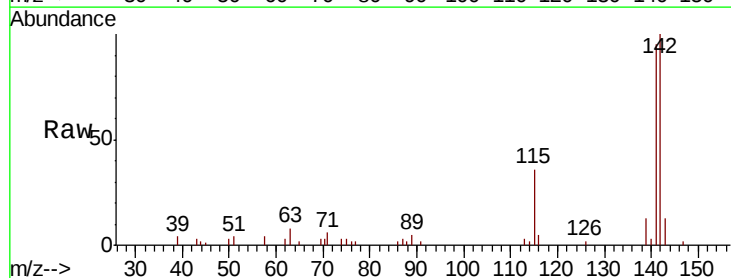


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

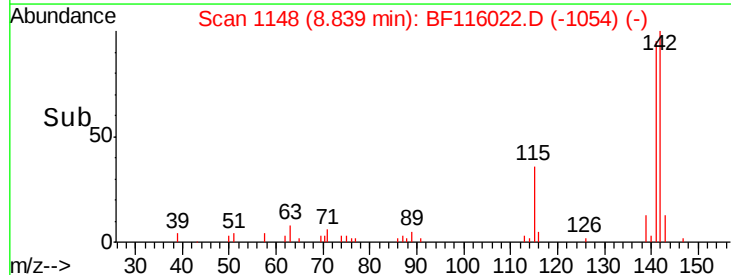
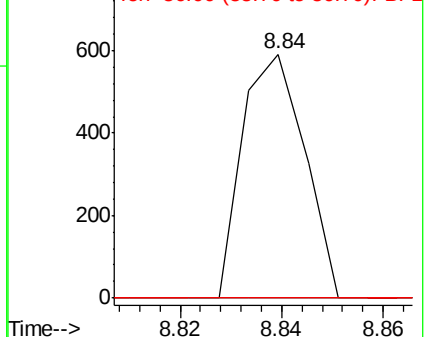


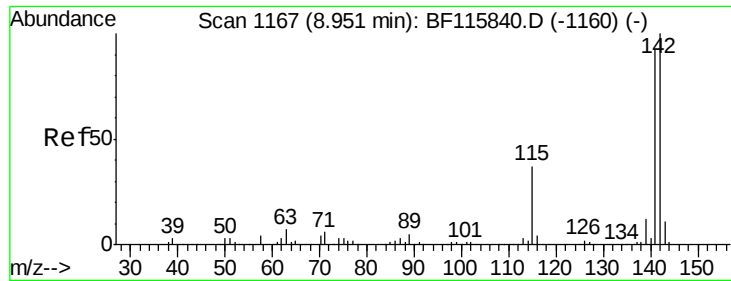
#35
Caprolactam
Concen: 0.221 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.25 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion:113	Resp:	503
Ion Ratio	Lower	Upper
113	100	
55	0.0	138.1 178.1#
56	0.0	100.6 140.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

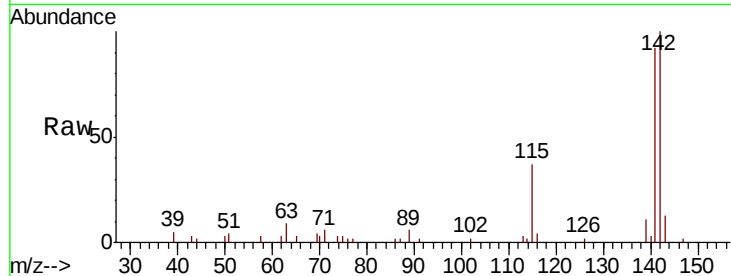




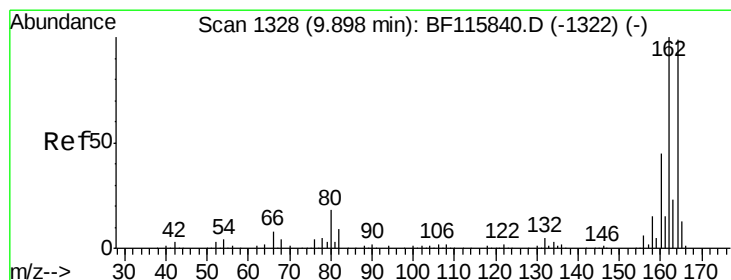
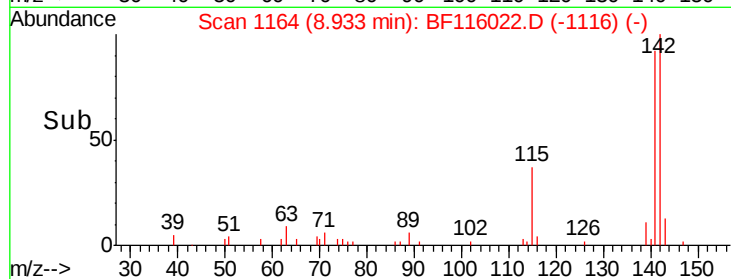
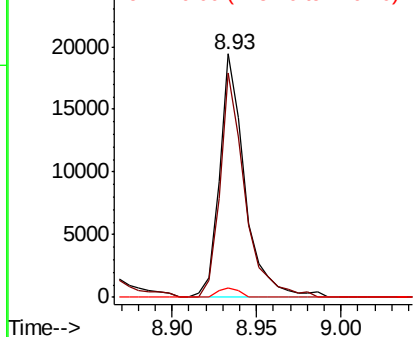
#38
1-Methylnaphthalene
Concen: 1.380 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion:142 Resp: 20349
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.8 3.1 4.7

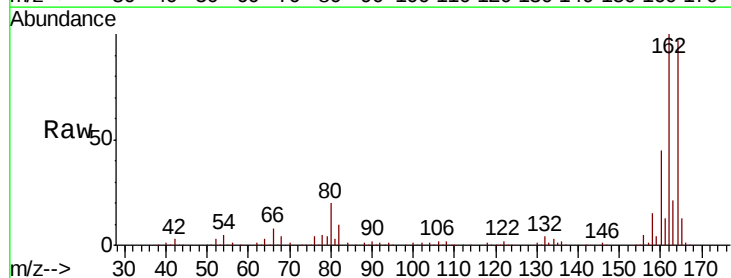


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

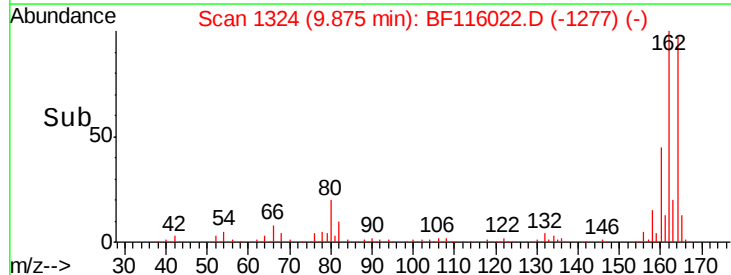
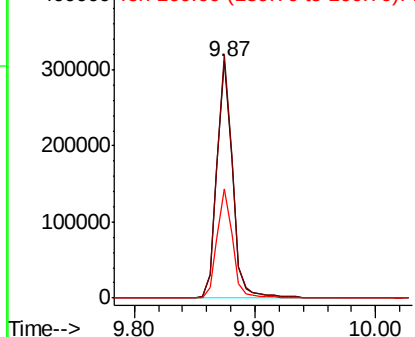


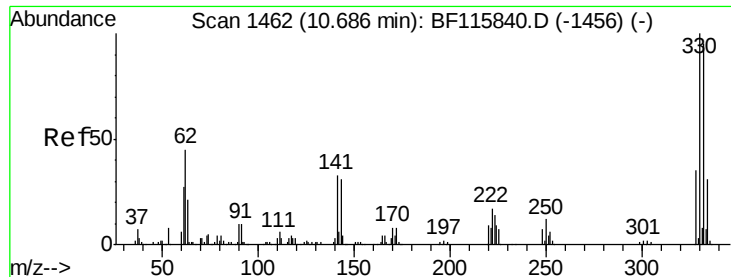
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion:164 Resp: 275631
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 46.2 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

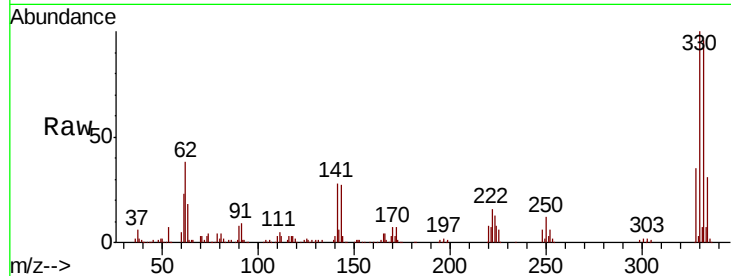




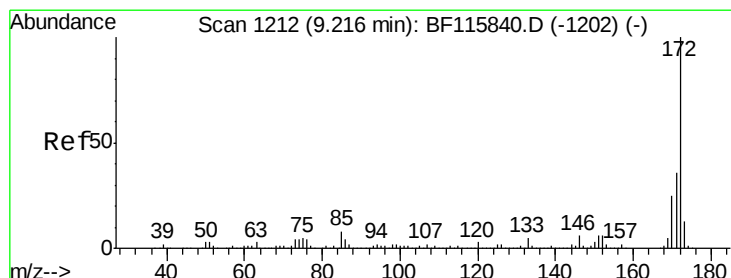
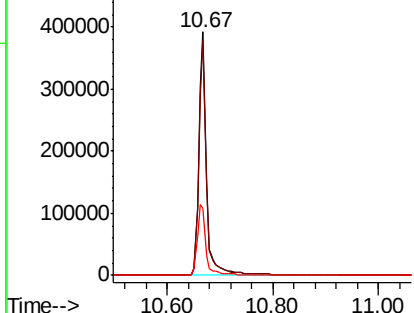
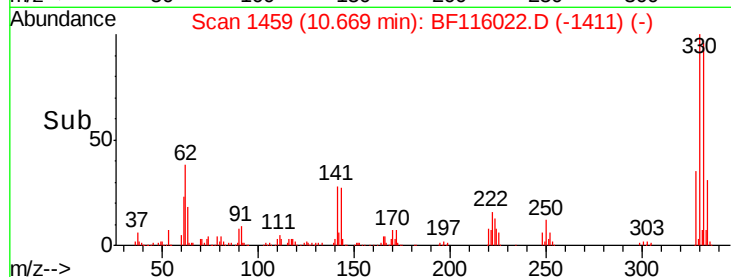
#42
 2,4,6-Tribromophenol
 Concen: 152.320 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Tot Ion:330 Resp: 407047
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 33.4 28.1 42.1

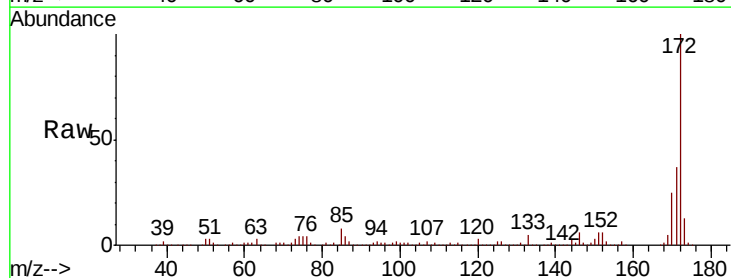


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

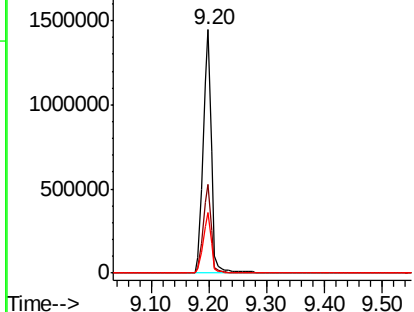
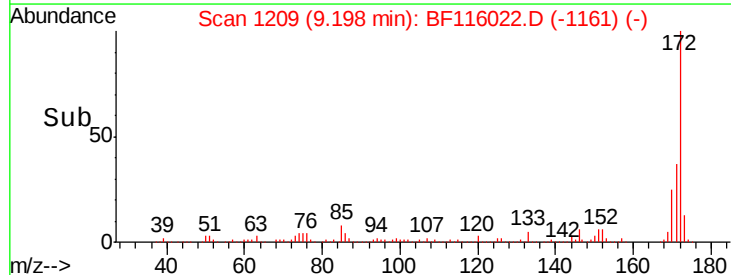


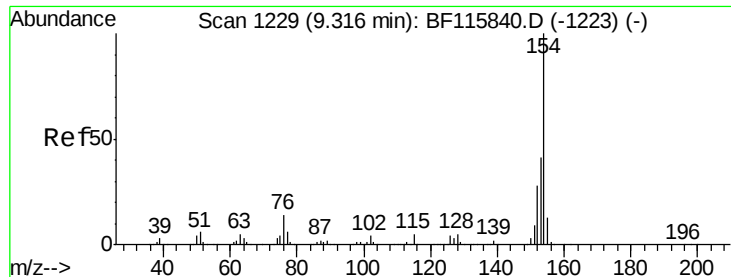
#45
 2-Fluorobiphenyl
 Concen: 101.170 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Tgt Ion:172 Resp: 1488764
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 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

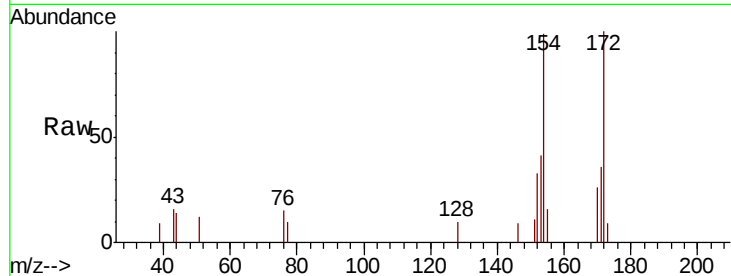




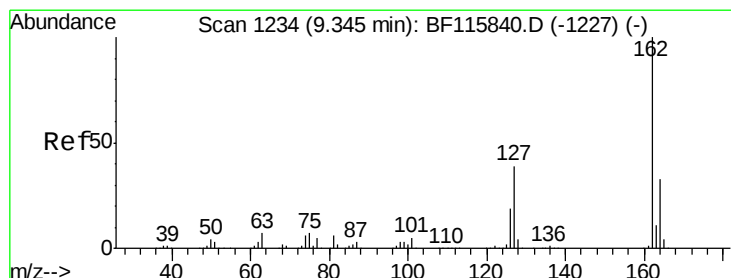
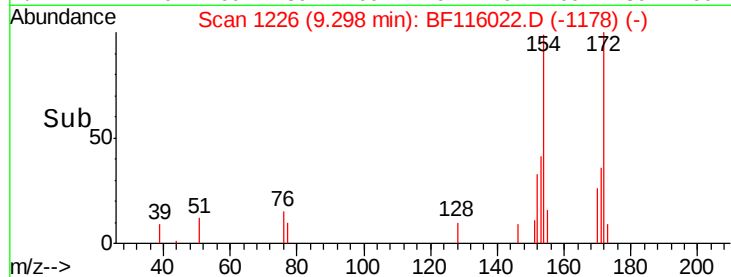
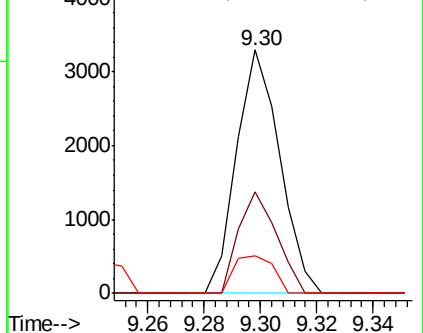
#46
 1,1'-Biphenyl
 Concen: 0.180 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	15.6	0.0	34.3

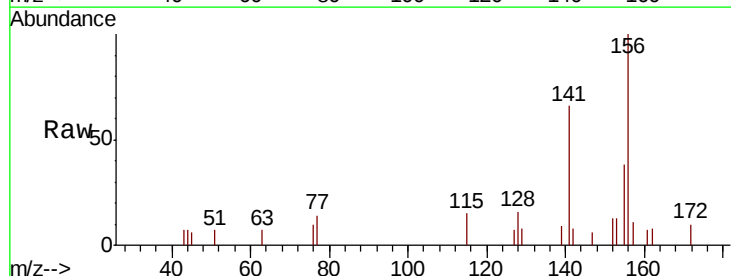


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

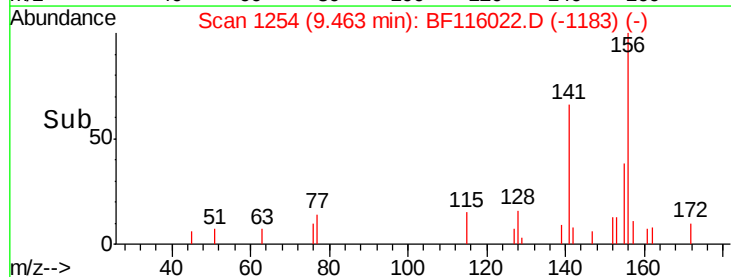
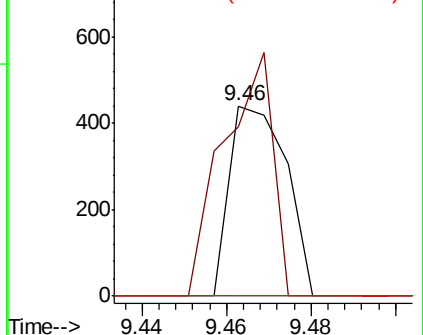


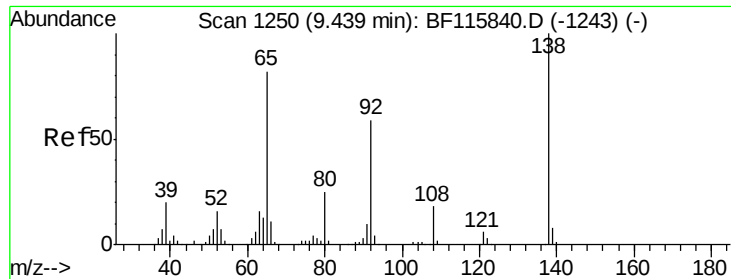
#47
 2-Chloronaphthalene
 Concen: 0.025 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.12 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	88.9	31.3	46.9#
164	0.0	26.6	40.0#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 0.472 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.24 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

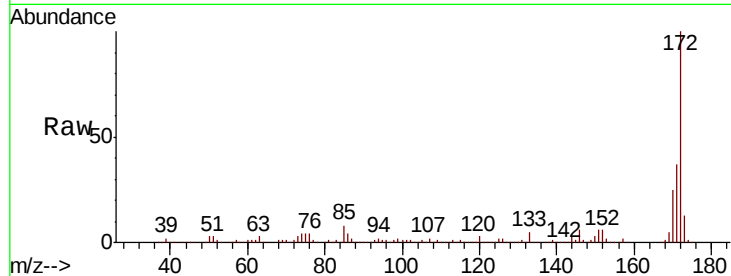
Tot Ion: 65 Resp: 2527

Ion Ratio Lower Upper

65 100

92 225.7 57.1 85.7#

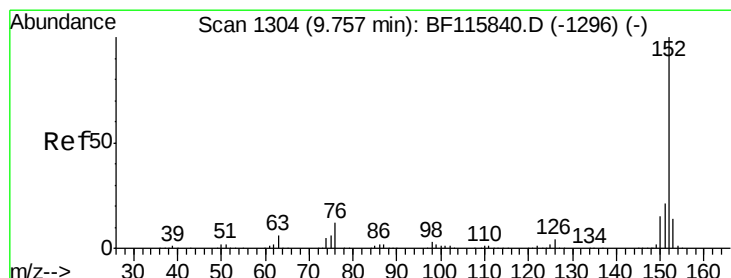
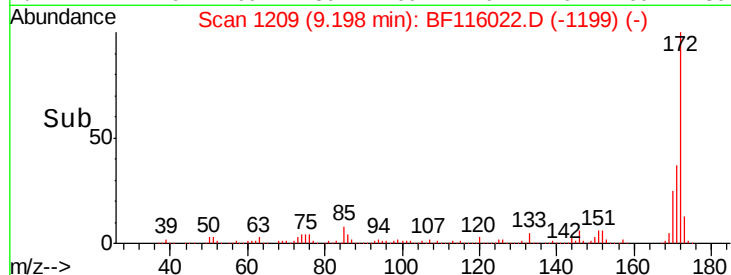
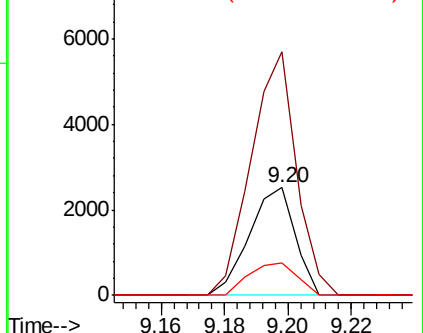
138 30.0 97.1 145.7#



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: 0.041 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

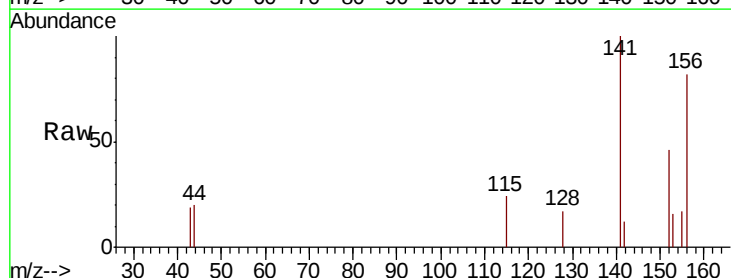
Tgt Ion: 152 Resp: 958

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

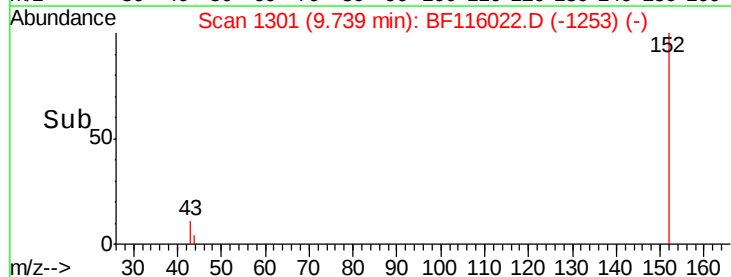
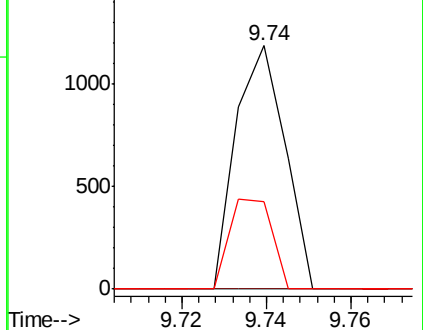
153 35.7 11.6 17.4#

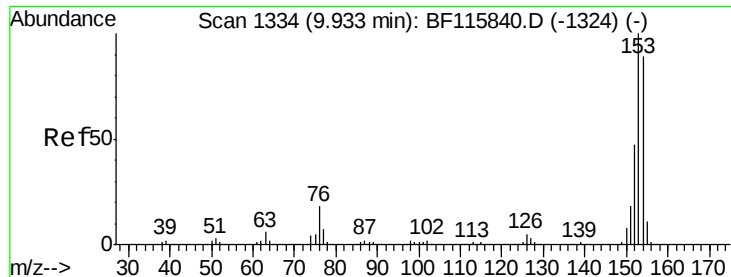


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#52

Acenaphthene

Concen: 0.239 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

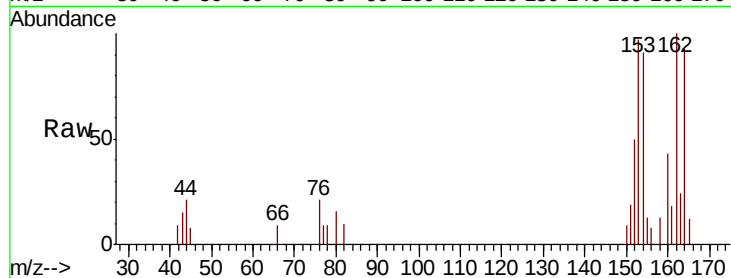
Tot Ion:154 Resp: 3468

Ion Ratio Lower Upper

154 100

153 107.1 90.1 135.1

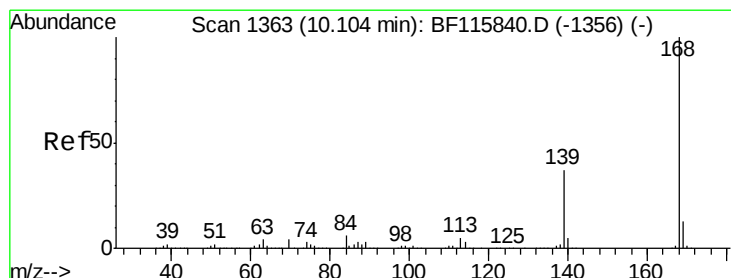
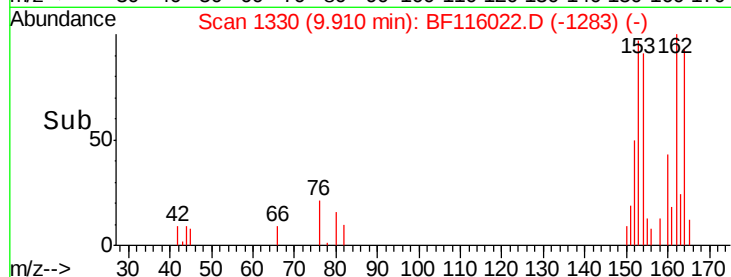
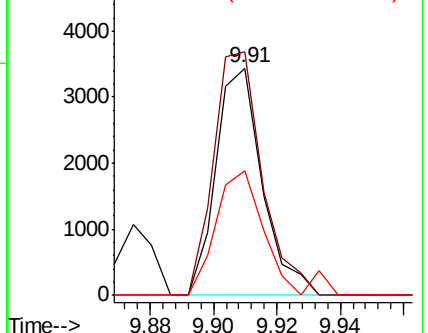
152 54.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.140 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

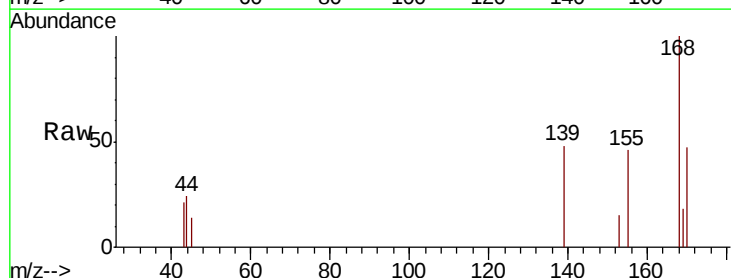
Tgt Ion:168 Resp: 2958

Ion Ratio Lower Upper

168 100

139 47.5 30.2 45.2#

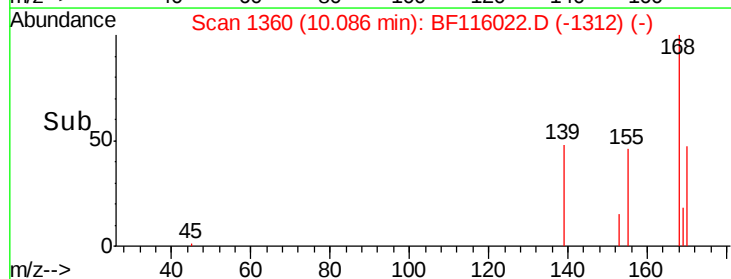
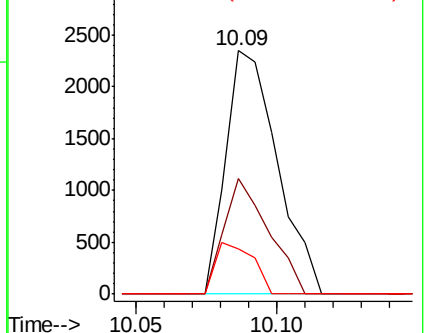
169 18.5 10.8 16.2#

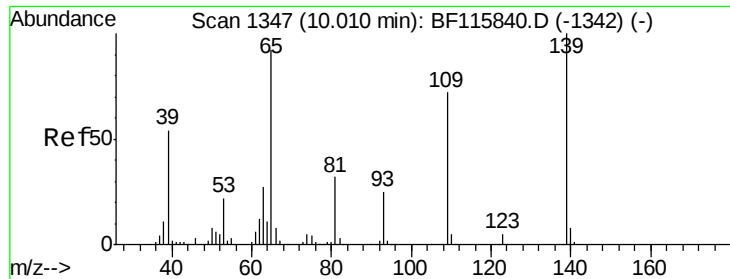


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

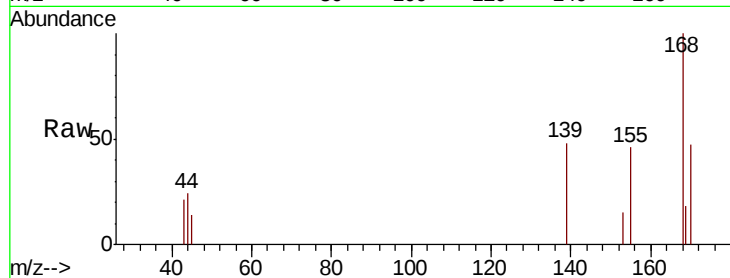




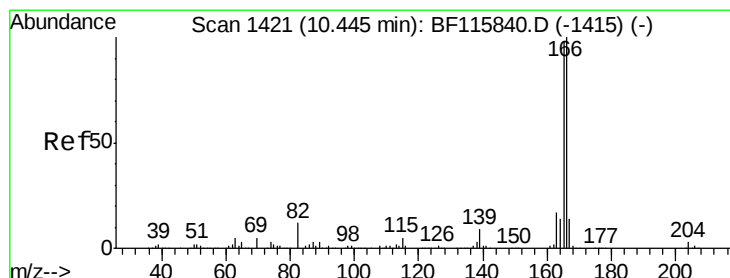
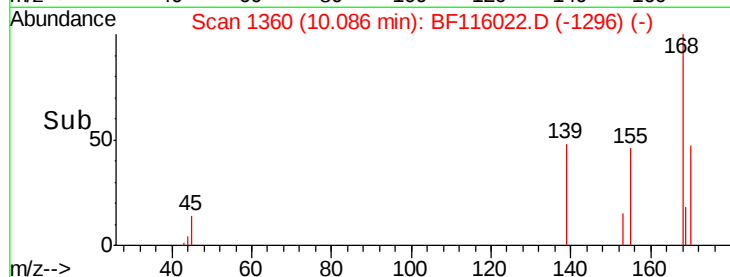
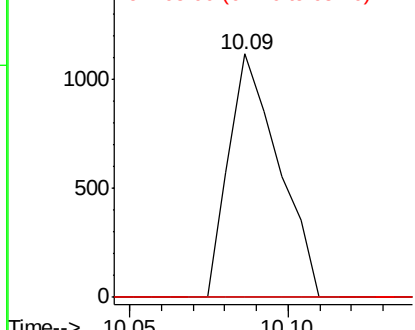
#56
4-Nitrophenol
Concen: 0.376 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.0	92.0#
65	0.0	72.6	112.6#

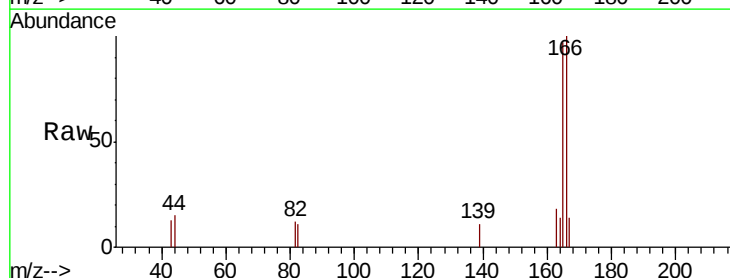


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

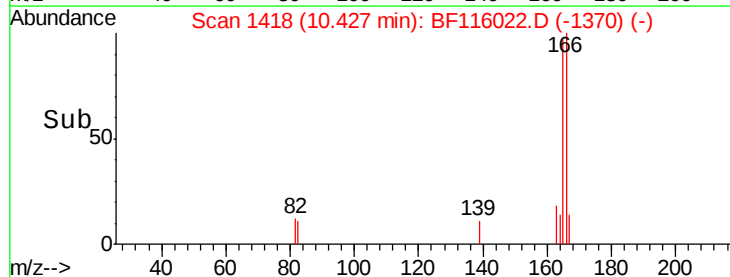
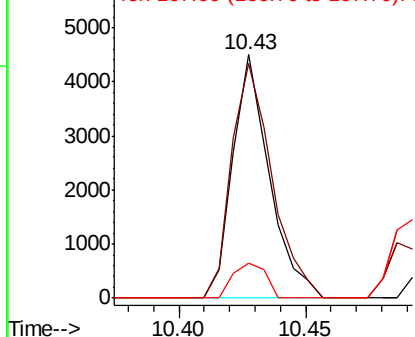


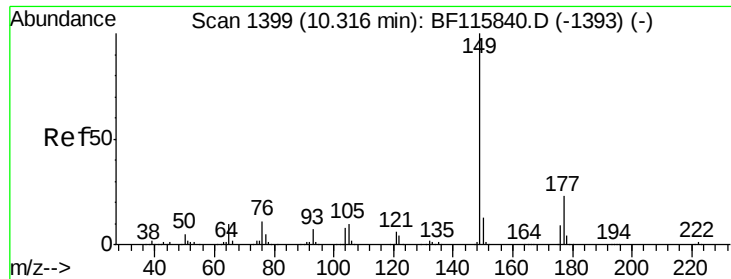
#58
Fluorene
Concen: 0.279 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	118.0
167	14.1	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

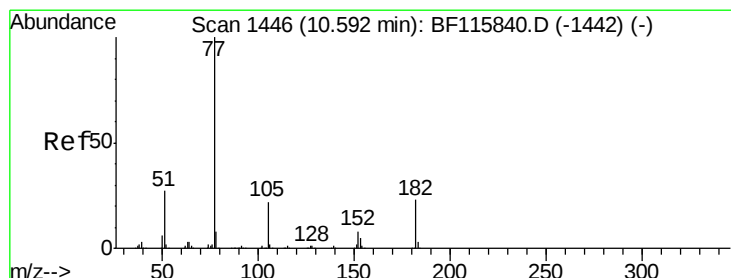
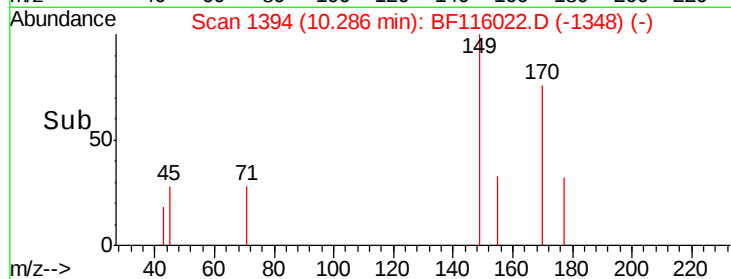
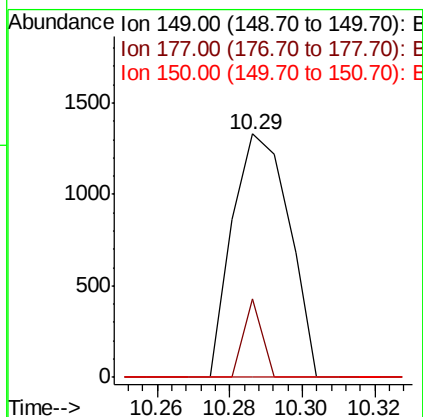
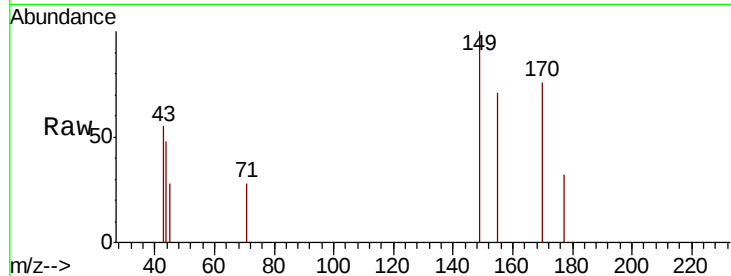




#60
Diethylphthalate
Concen: 0.082 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

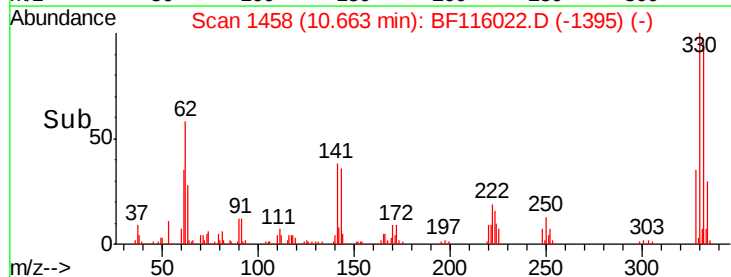
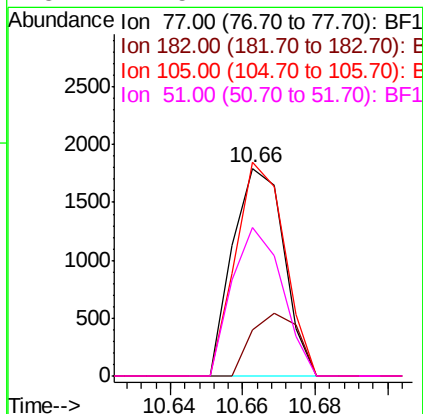
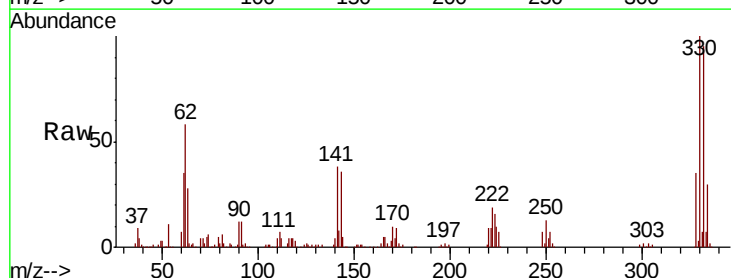
Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

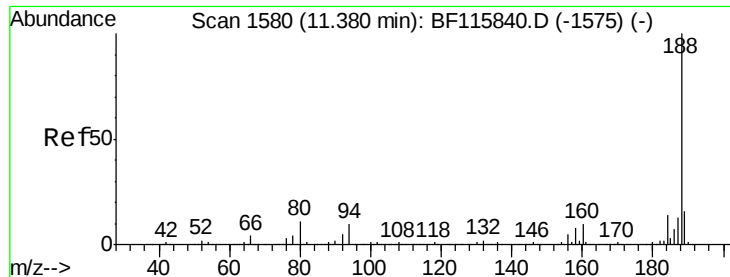
Tot Ion:149 Resp: 1445
Ion Ratio Lower Upper
149 100
177 32.3 18.4 27.6#
150 0.0 10.1 15.1#



#63
Azobenzene
Concen: 0.098 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion: 77 Resp: 1758
Ion Ratio Lower Upper
77 100
182 22.3 2.6 42.6
105 102.8 1.6 41.6#
51 71.5 7.4 47.4#

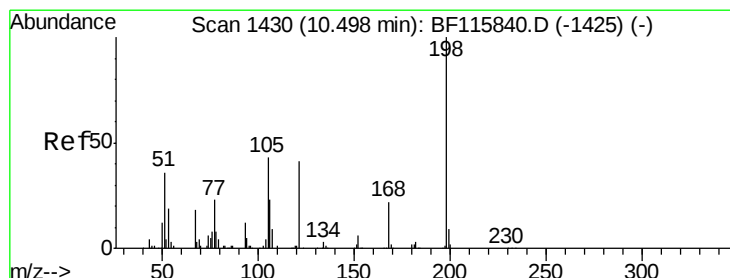
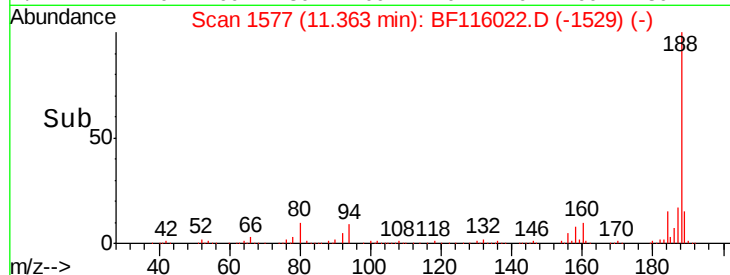
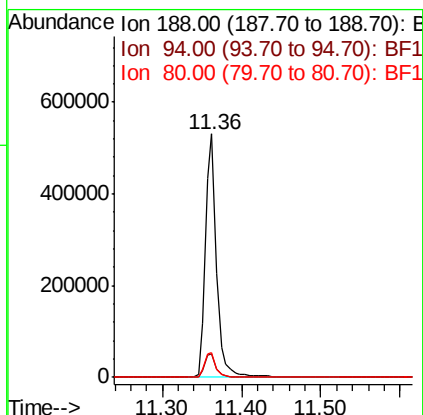
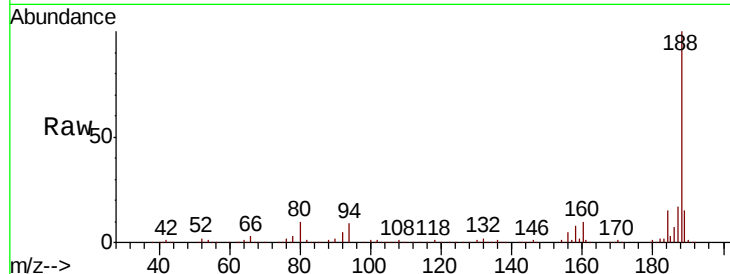




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

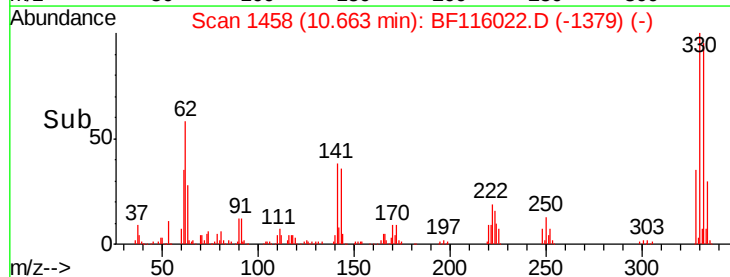
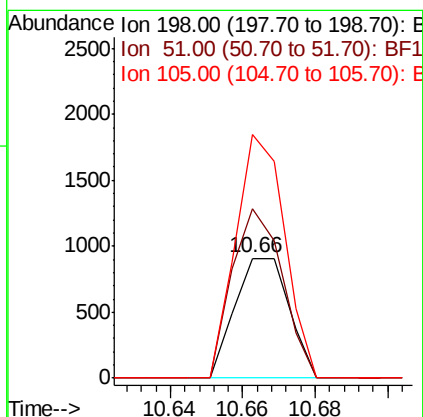
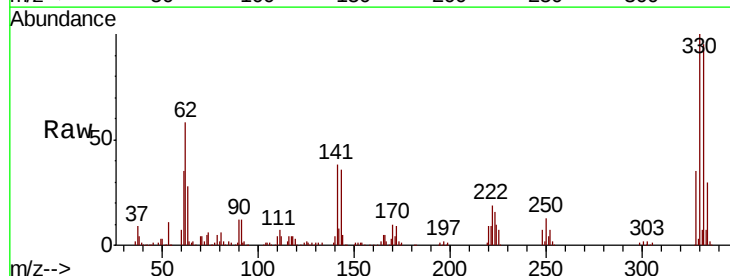
Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

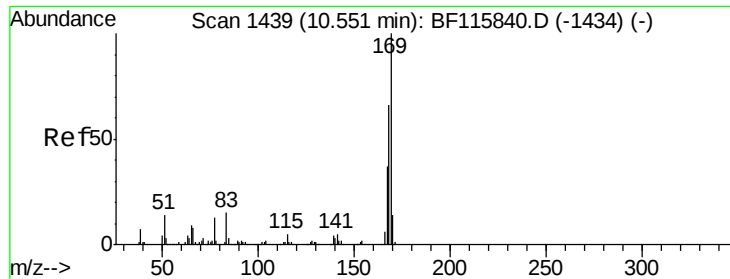
Tot Ion:188	Resp:	522679
Ion	Ratio	Lower Upper
188	100	
94	9.4	8.0 12.0
80	10.2	8.6 12.8



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.341 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.16 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Tgt Ion:198	Resp:	944
Ion	Ratio	Lower Upper
198	100	
51	141.4	21.1 61.1#
105	203.3	24.5 64.5#

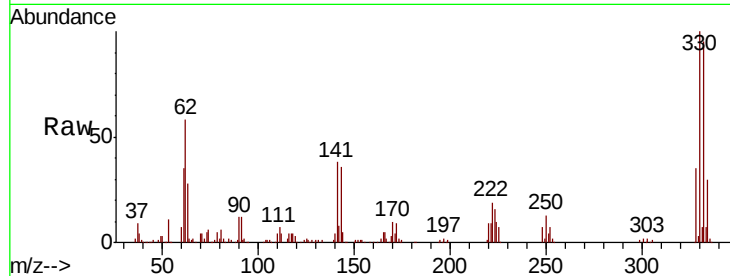




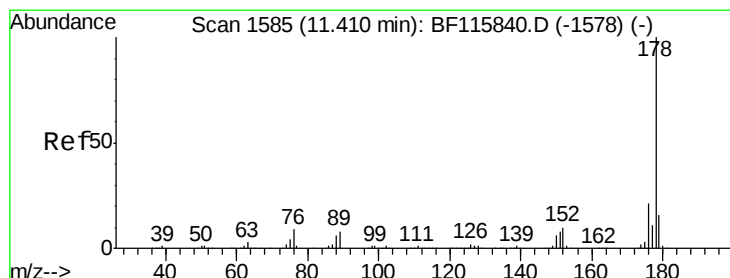
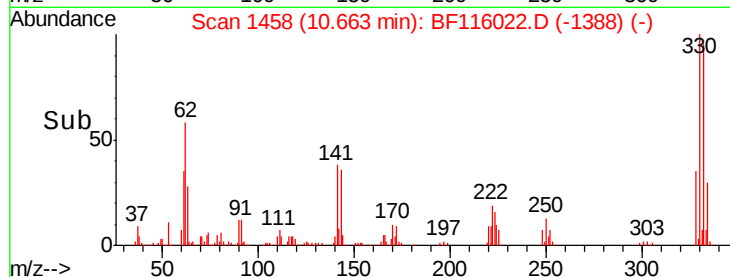
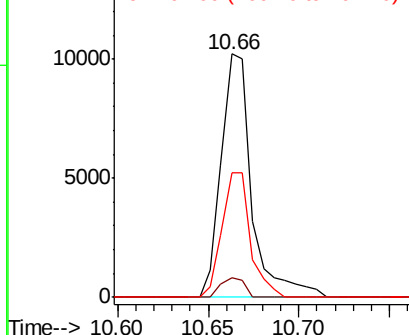
#66
 n-Nitrosodiphenylamine
 Concen: 0.766 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.11 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Tot Ion:169 Resp: 12048
 Ion Ratio Lower Upper
 169 100
 168 8.2 53.0 79.6#
 167 51.1 29.9 44.9#

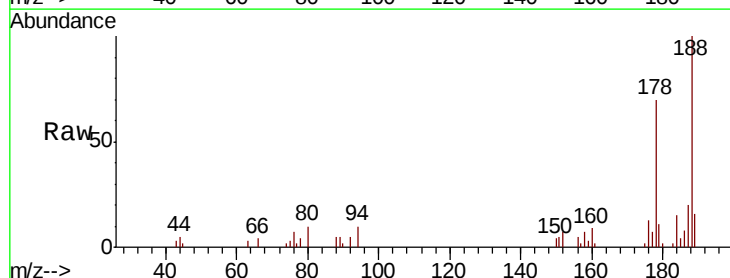


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

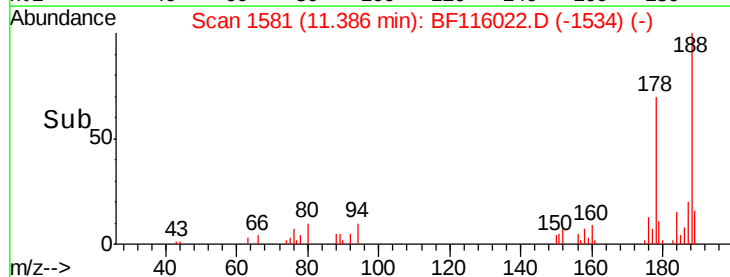
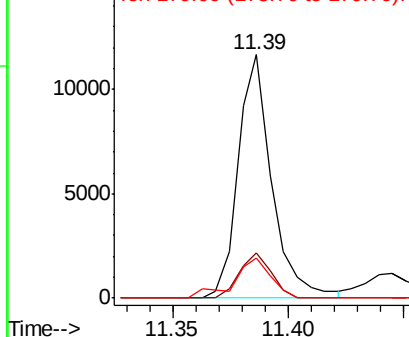


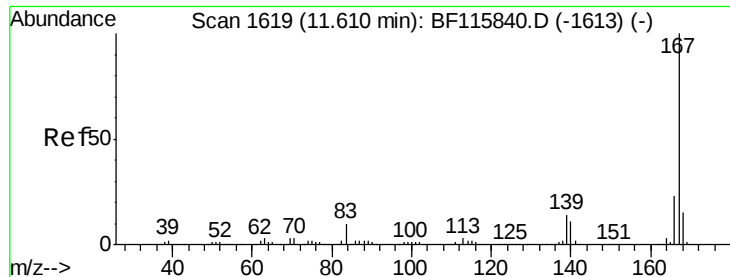
#71
 Phenanthrene
 Concen: 0.444 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Tgt Ion:178 Resp: 11872
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.5 24.7
 179 16.3 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

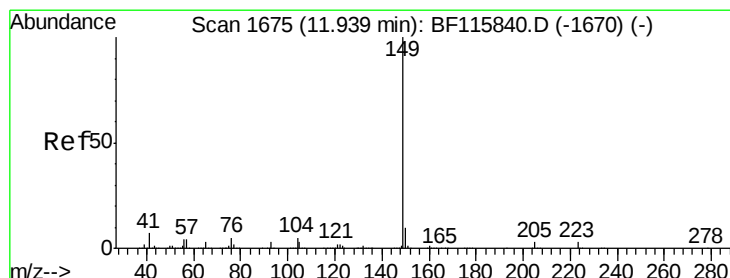
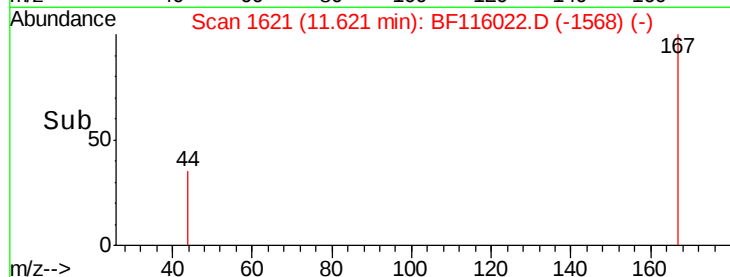
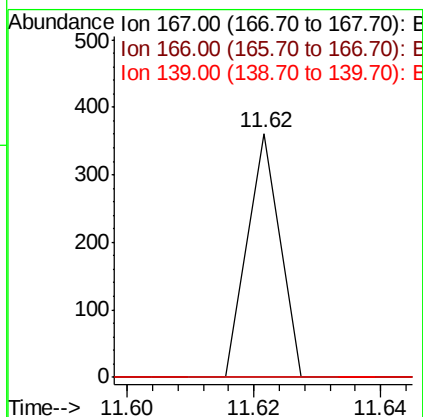
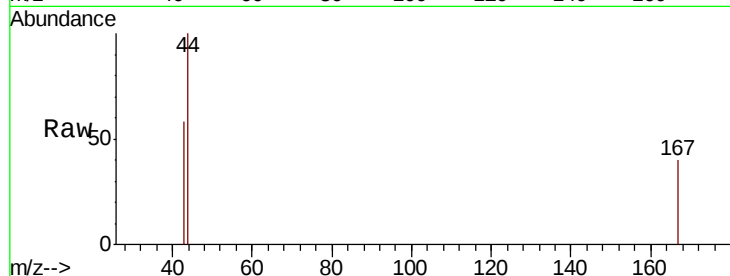




#73
 Carbazole
 Concen: 0.005 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

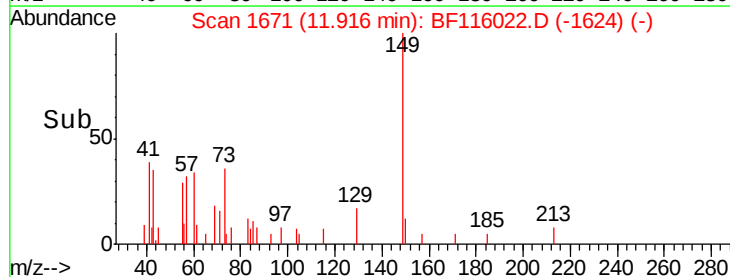
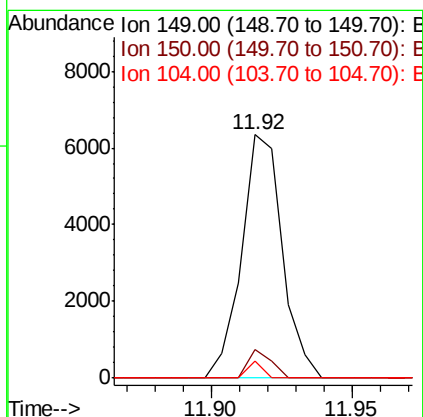
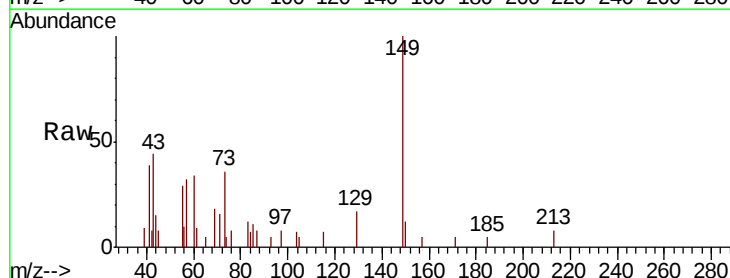
Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

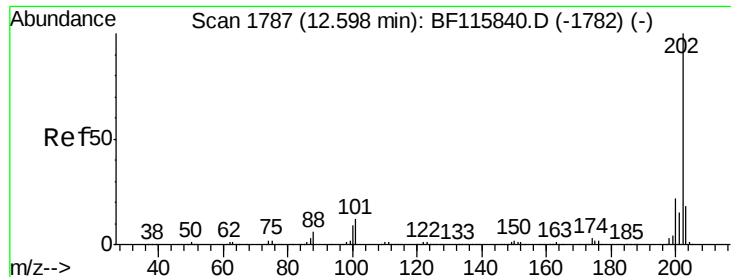
Tot Ion:167 Resp: 127
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 11.4 17.2#



#74
 Di-n-butylphthalate
 Concen: 0.222 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BF116022.D
 Acq: 6 Aug 2019 19:22

Tgt Ion:149 Resp: 6348
 Ion Ratio Lower Upper
 149 100
 150 11.7 7.7 11.5#
 104 7.0 4.3 6.5#

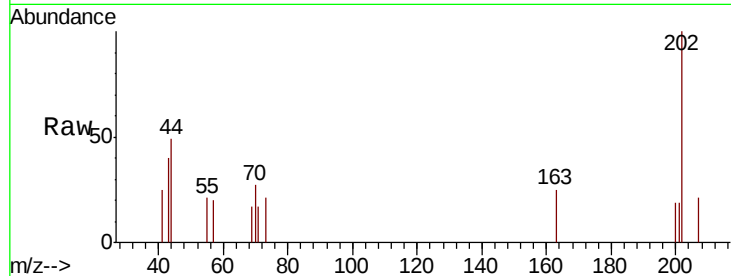




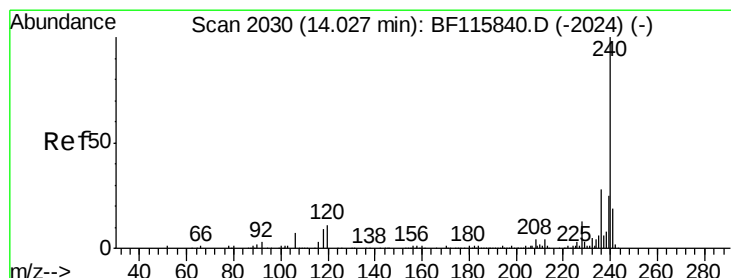
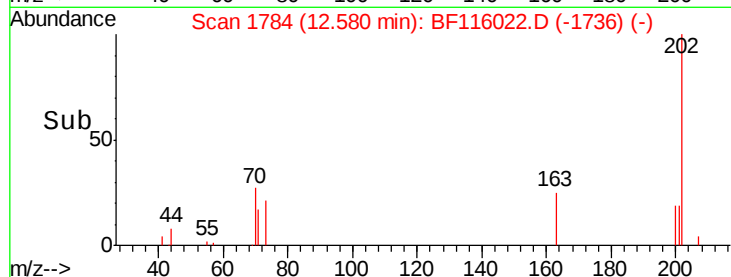
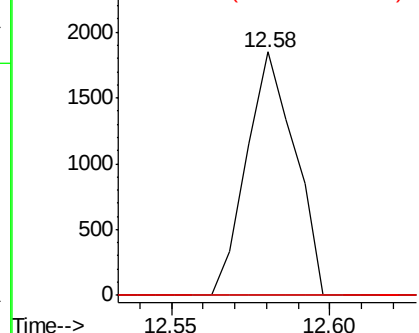
#75
Fluoranthene
Concen: 0.070 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

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

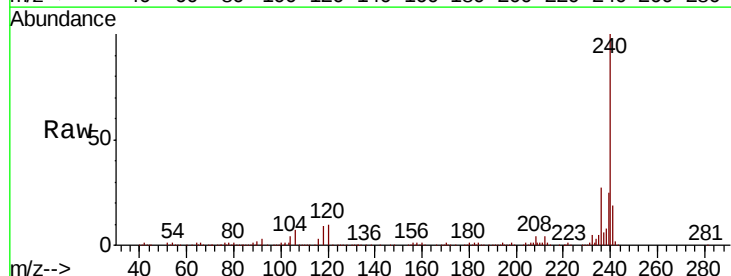


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

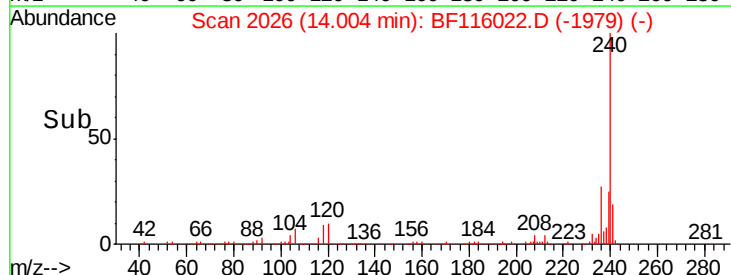
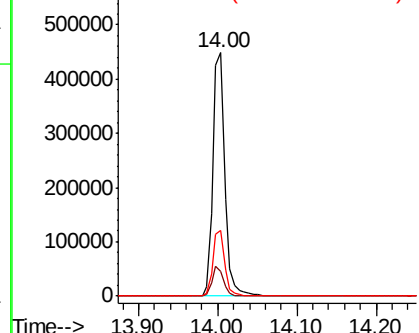


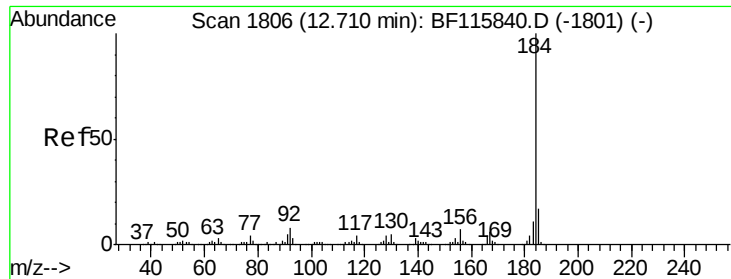
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF116022.D
Acq: 6 Aug 2019 19:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	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: 1.687 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.24 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

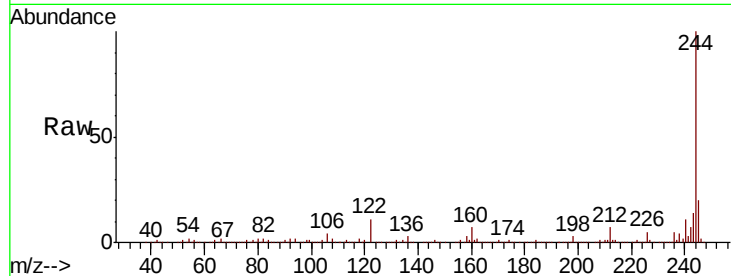
Tot Ion:184 Resp: 26842

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.2

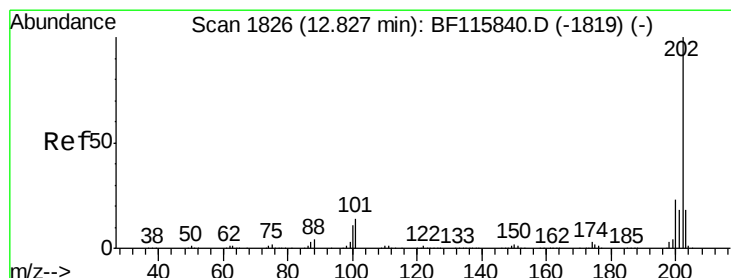
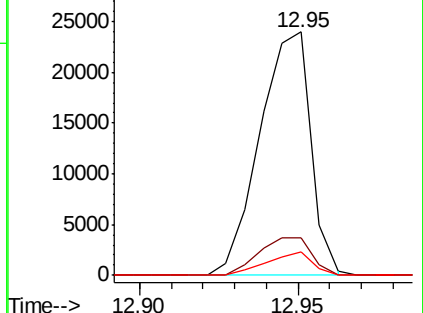
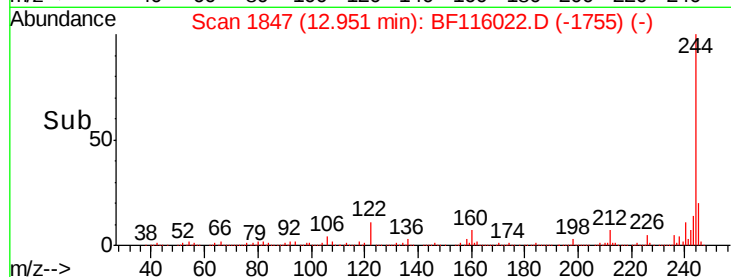
183 9.7 9.1 13.7



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: 0.041 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

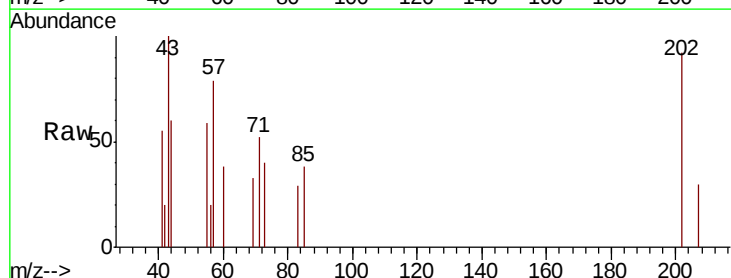
Tgt Ion:202 Resp: 1446

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

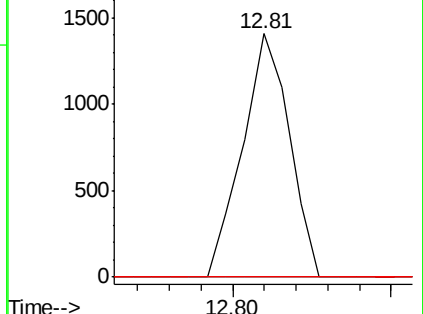
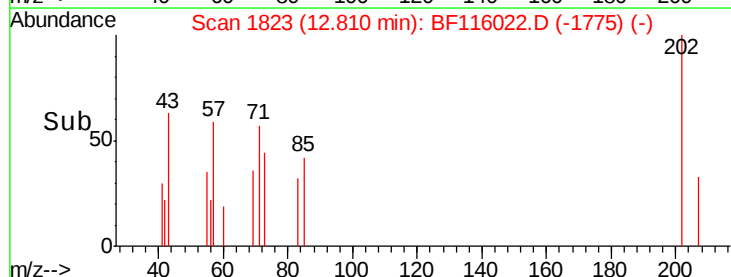
203 0.0 14.3 21.5#

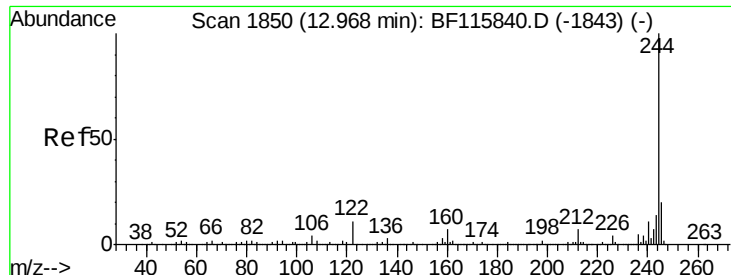


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.167 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

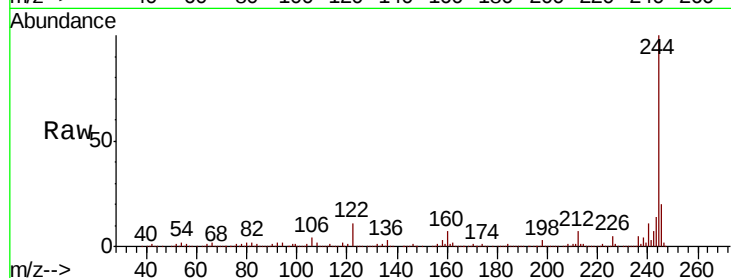
Tot Ion:244 Resp: 1970247

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

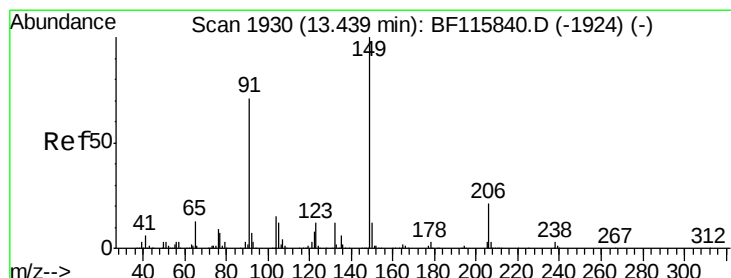
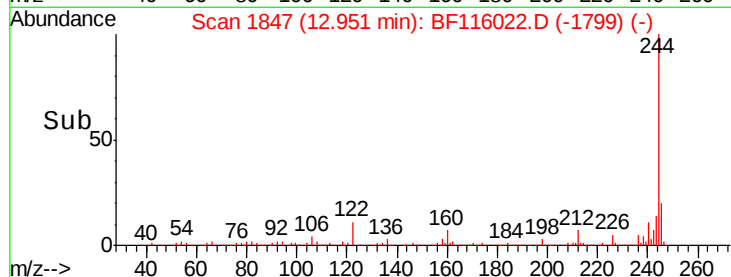
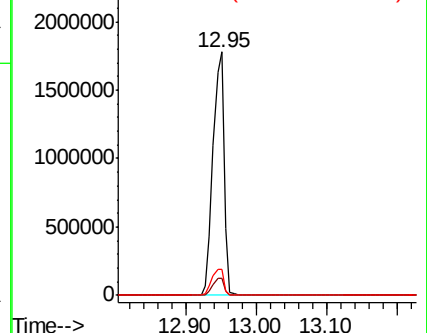
122 10.8 8.6 13.0



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: 0.046 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

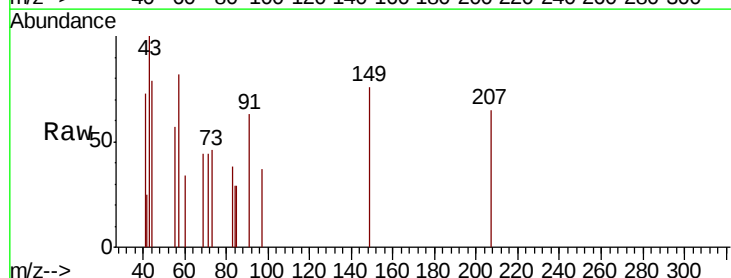
Tgt Ion:149 Resp: 686

Ion Ratio Lower Upper

149 100

91 83.0 57.0 85.6

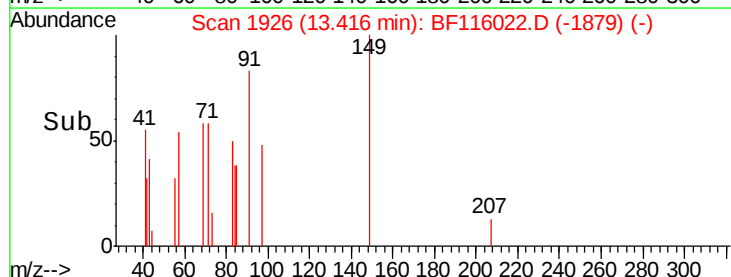
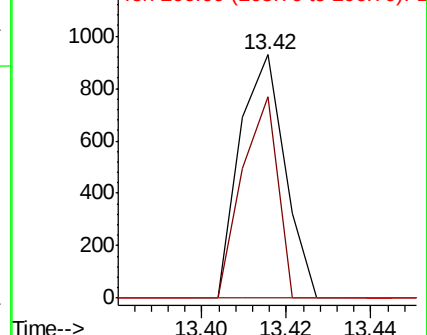
206 0.0 16.9 25.3#

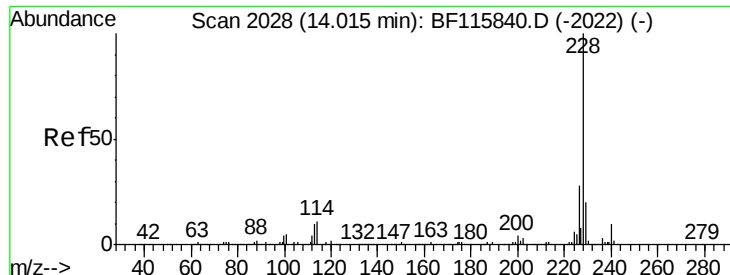


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.043 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

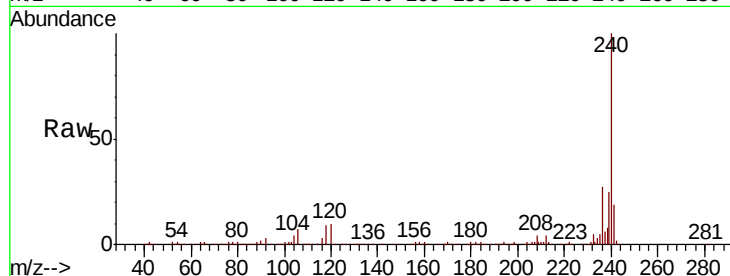
Tot Ion:228 Resp: 1291

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

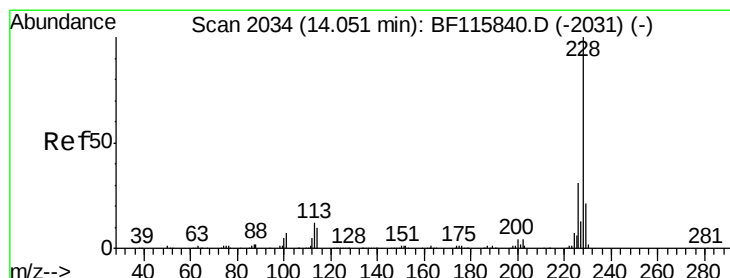
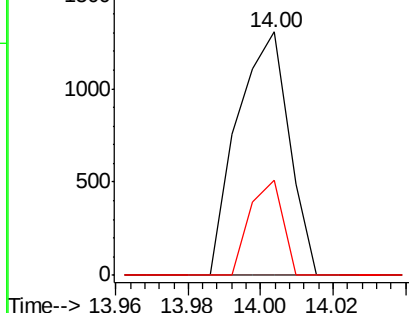
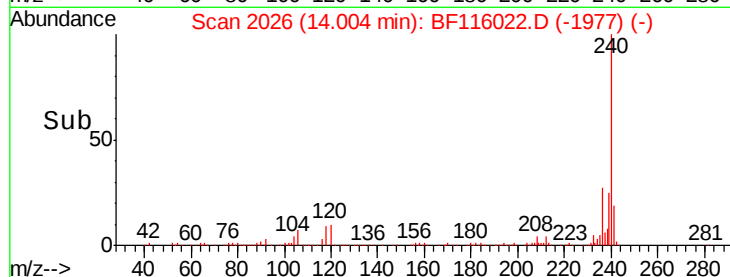
229 39.1 16.1 24.1#



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: 0.044 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

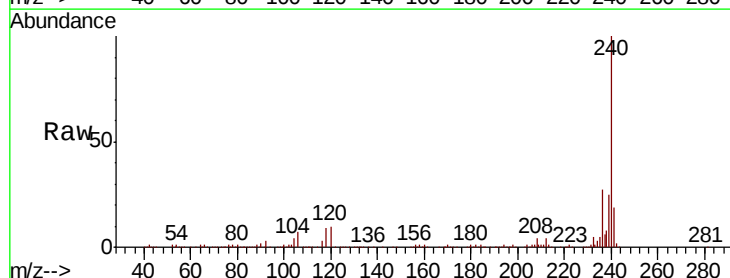
Tgt Ion:228 Resp: 1291

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

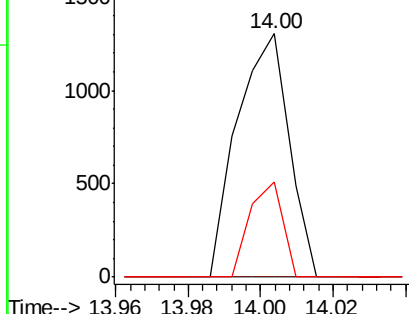
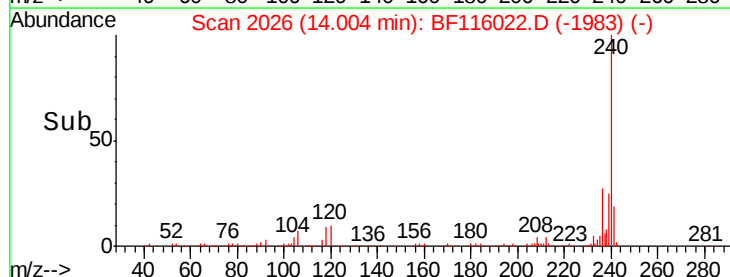
229 39.1 16.4 24.6#

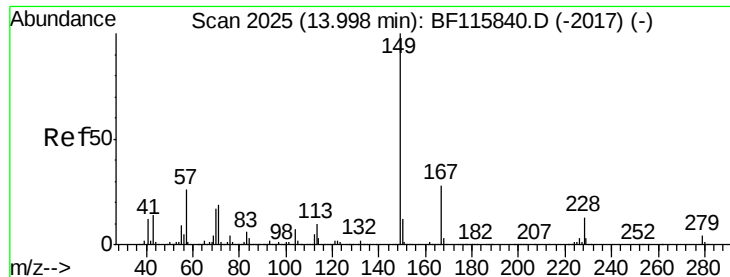


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.154 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

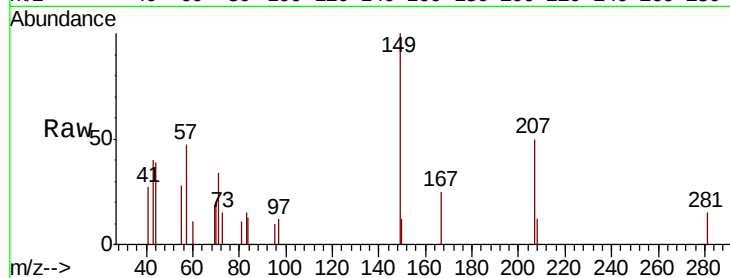
Tot Ion:149 Resp: 3005

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

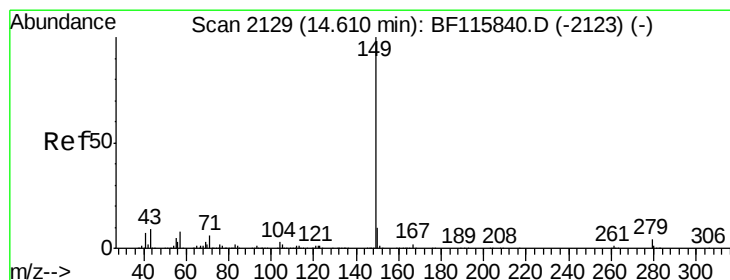
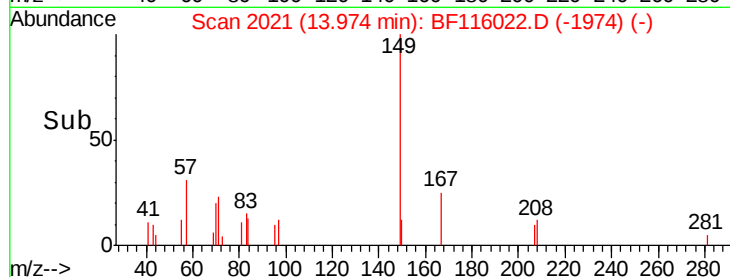
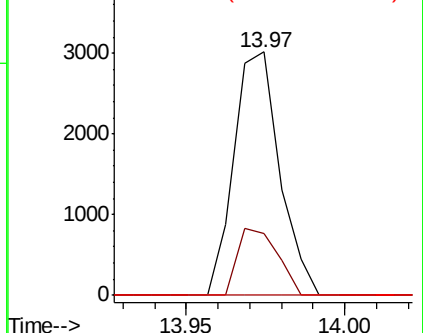
279 0.0 3.3 4.9#



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: 0.004 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.04 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

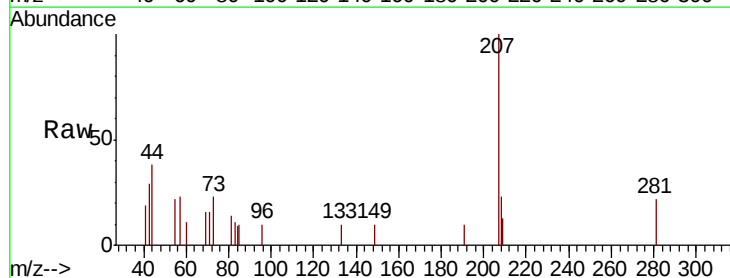
Tgt Ion:149 Resp: 118

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

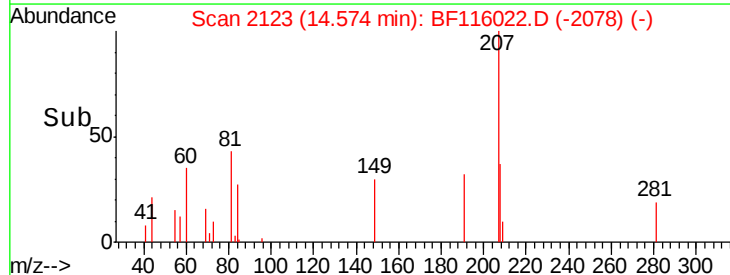
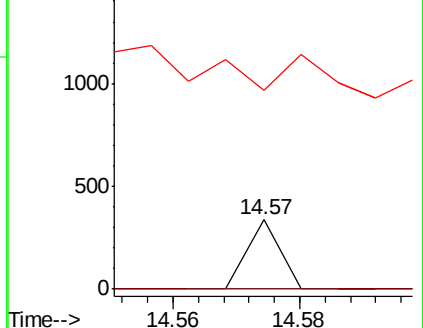
43 0.0 7.4 11.0#

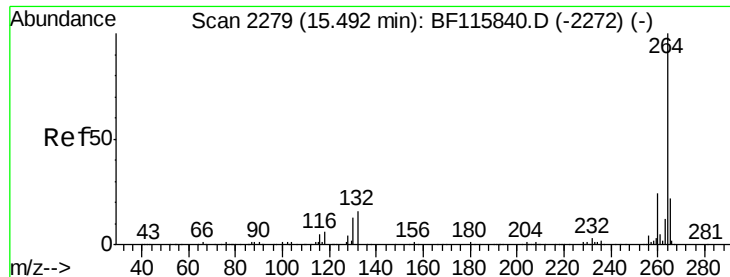


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF116022.D

Acq: 6 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(30)

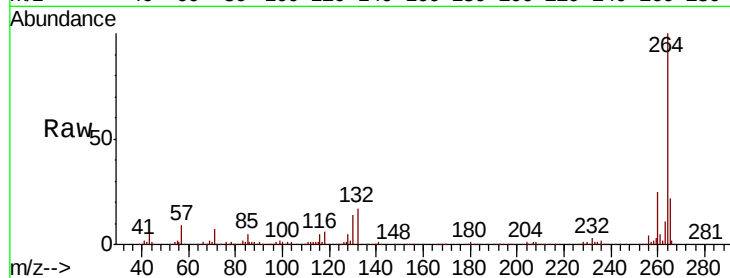
Tot Ion:264 Resp: 496768

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

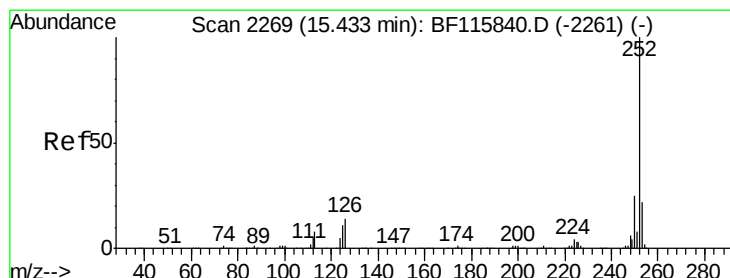
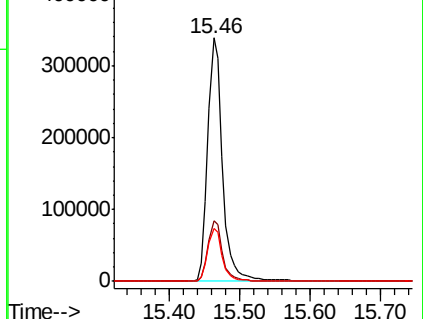
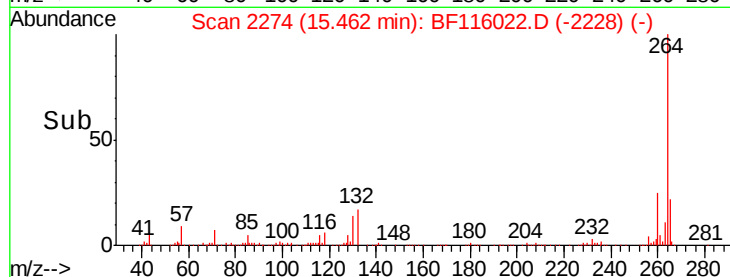
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#90

Benzo(a)pyrene

Concen: 0.065 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.04 min

Lab File: BF116022.D

Acq: 6 Aug 2019 19:22

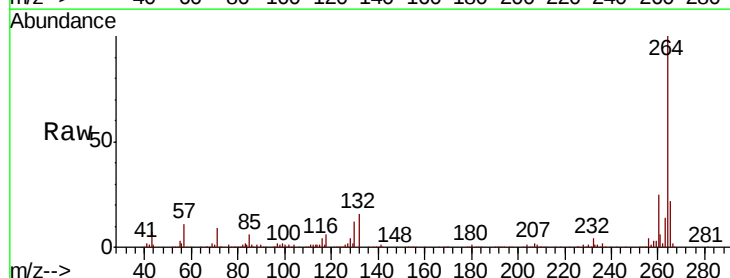
Tgt Ion:252 Resp: 1670

Ion Ratio Lower Upper

252 100

253 43.9 17.8 26.6#

125 115.0 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

