

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116619.D
 Acq On : 28 Aug 2019 17:15
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:03:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.87
21) Naphthalene-d8	8.15	136	560	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	379	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	961	20.00	ng	0.00
76) Chrysene-d12	14.00	240	844	20.00	ng	0.00
87) Perylene-d12	15.46	264	663	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	282	0.00	ng	-0.01
7) Phenol-d6	6.47	99	698	0.00	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1615	165.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	263	72.92	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	4237	186.05	ng	0.00
79) Terphenyl-d14	12.95	244	6467	124.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	7.26	105	478	36.343	ng	# 55
24) Nitrobenzene	7.43	77	444	44.740	ng	# 37
25) Isophorone	7.67	82	989	55.511	ng	# 65
27) 2,4-Dimethylphenol	7.79	122	107	14.327	ng	# 66
28) bis(2-Chloroethoxy)methane	7.89	93	362	31.281	ng	# 68
30) 1,2,4-Trichlorobenzene	8.09	180	289	32.230	ng	# 76
31) Naphthalene	8.16	128	1974	73.588	ng	# 68
32) Benzoic acid	7.79	122	107	16.765	ng	# 1
33) 4-Chloroaniline	8.21	127	523	44.236	ng	# 48
34) Hexachlorobutadiene	8.29	225	268	53.645	ng	# 19
36) 4-Chloro-3-methylphenol	8.68	107	118	15.008	ng	# 19
37) 2-Methylnaphthalene	8.86	142	1000	59.692	ng	# 94
38) 1-Methylnaphthalene	8.95	142	1205	73.652	ng	# 91
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	331	31.832	ng	# 66
43) 2,4,6-Trichlorophenol	9.13	196	134	18.349	ng	# 76
44) 2,4,5-Trichlorophenol	9.13	196	134	18.244	ng	# 65
46) 1,1'-Biphenyl	9.32	154	1461	50.782	ng	# 91
47) 2-Chloronaphthalene	9.34	162	979	43.651	ng	# 97
49) Acenaphthylene	9.75	152	1626	49.359	ng	# 81
50) Dimethylphthalate	9.60	163	1510	59.263	ng	# 77
52) Acenaphthene	9.92	154	1043	46.760	ng	# 86
55) Dibenzofuran	10.10	168	1528	50.871	ng	# 83
56) 4-Nitrophenol	10.10	139	451	88.430	ng	# 11
58) Fluorene	10.44	166	1255	55.054	ng	# 81
59) 2,3,4,6-Tetrachlorophenol	10.22	232	2731	451.709	ng	# 95
60) Diethylphthalate	10.30	149	1548	62.242	ng	# 58
61) 4-Chlorophenyl-phenylether	10.43	204	717	62.741	ng	# 67
62) 4-Nitroaniline	10.44	138	108	16.546	ng	# 21
63) Azobenzene	10.59	77	823	32.780	ng	# 51
66) n-Nitrosodiphenylamine	10.55	169	952	31.295	ng	# 89
67) 4-Bromophenyl-phenylether	10.92	248	352	34.532	ng	# 95
68) Hexachlorobenzene	10.99	284	365	32.162	ng	# 42
69) Atrazine	11.18	200	45139	5011.259	ng	# 35
70) Pentachlorophenol	11.18	266	245114	35151.983	ng	# 98

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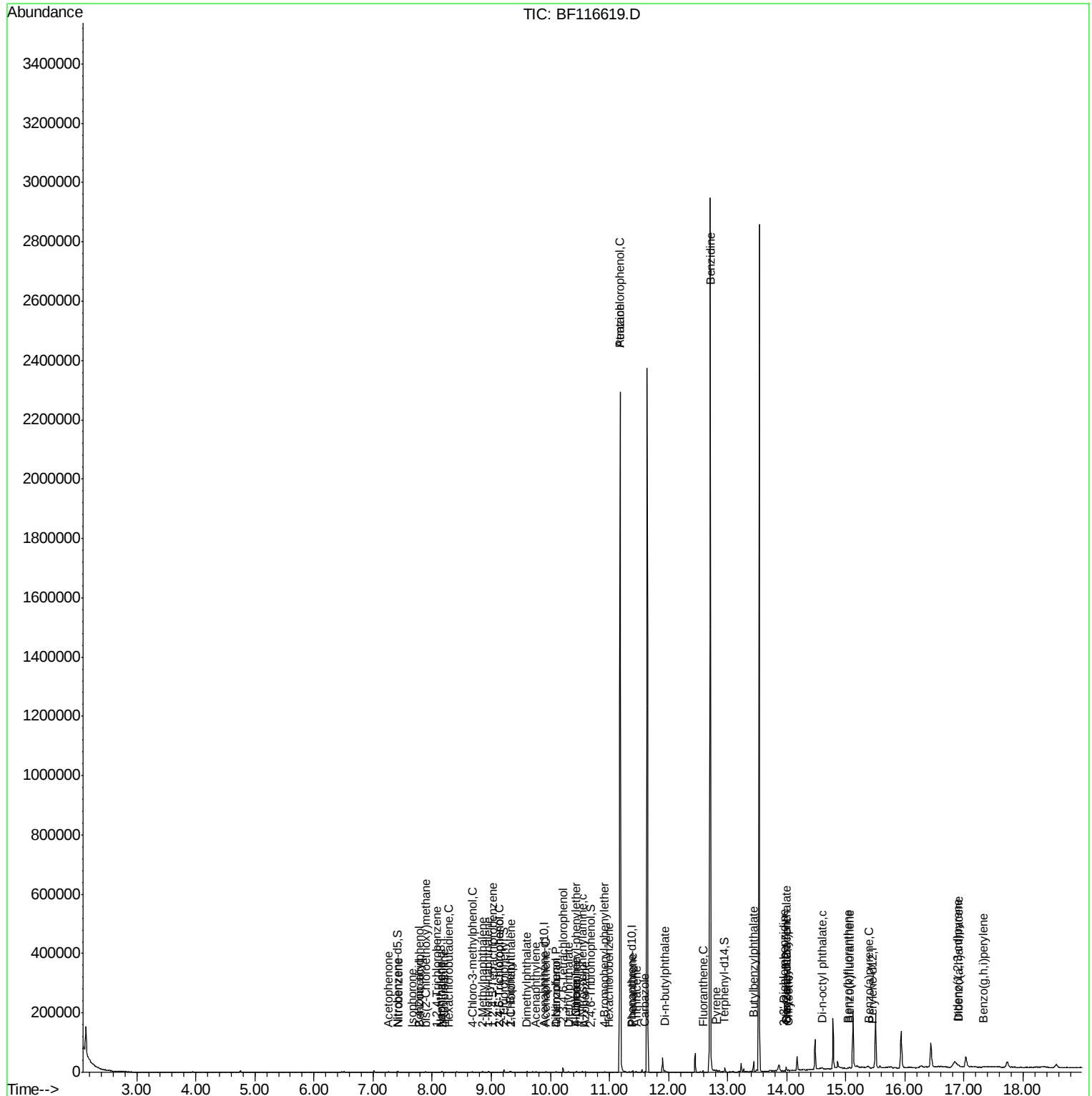
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

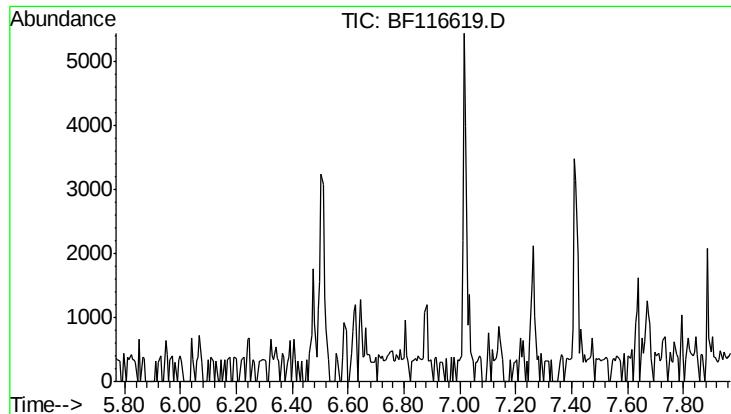
71) Phenanthrene	11.40	178	2505	48.530	nq	# 94
72) Anthracene	11.45	178	2107	40.824	nq	# 91
73) Carbazole	11.60	167	2191	49.879	nq	# 95
74) Di-n-butylphthalate	11.94	149	3098	60.859	nq	# 94
75) Fluoranthene	12.58	202	2987	64.524	nq	98
77) Benzidine	12.71	184	1204772	39459.054	nq	99
78) Pyrene	12.81	202	3088	39.789	nq	97
80) Butylbenzylphthalate	13.43	149	991	32.957	nq	# 90
81) Benzo(a)anthracene	13.99	228	2128	37.818	nq	94
82) 3,3'-Dichlorobenzidine	13.95	252	1135	61.985	nq	# 71
83) Chrysene	14.03	228	2410	43.749	nq	95
84) Bis(2-ethylhexyl)phthalate	13.99	149	2665	75.577	nq	# 99
85) Di-n-octyl phthalate	14.60	149	2162	42.036	nq	# 78
86) Indeno(1,2,3-cd)pyrene	16.90	276	1787	38.827	nq	# 56
88) Benzo(b)fluoranthene	15.04	252	1875	46.052	nq	# 60
89) Benzo(k)fluoranthene	15.06	252	1633	42.195	nq	# 77
90) Benzo(a)pyrene	15.40	252	1413	38.885	nq	# 68
91) Dibenzo(a,h)anthracene	16.92	278	1287	37.958	nq	# 55
92) Benzo(g,h,i)perylene	17.33	276	1454	41.241	nq	# 52

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

```
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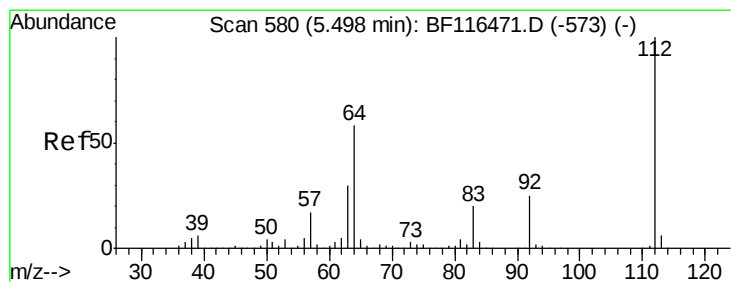
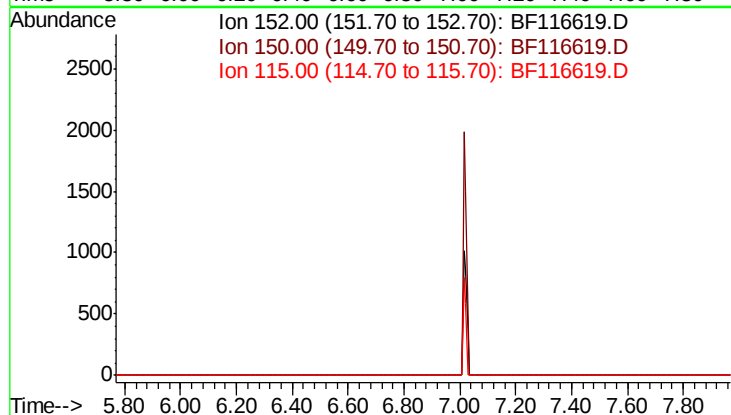




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.87 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

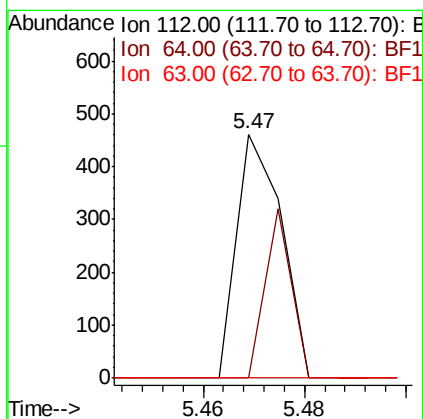
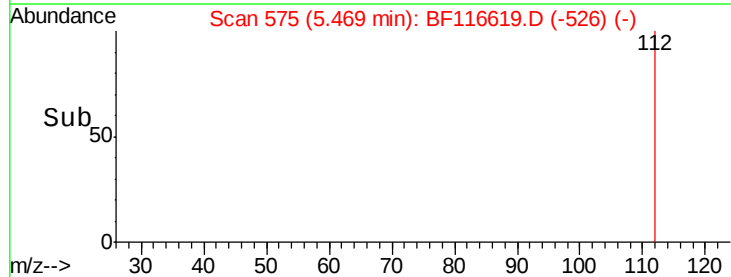
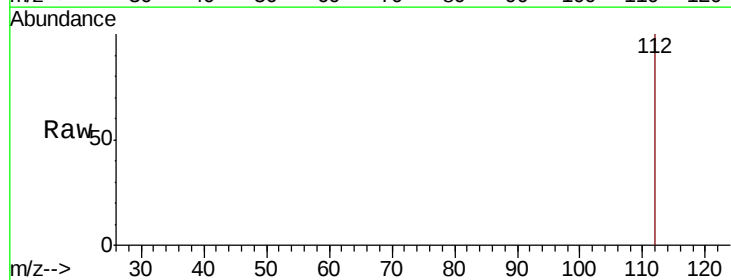
Instrument :
 BNA_F
 ClientSampleId :

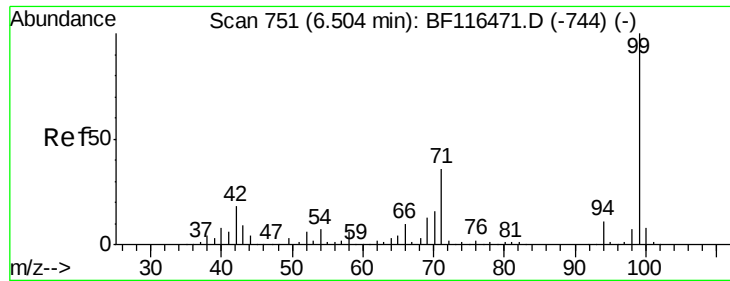
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 154.3
 115 60.2



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion: 112 Resp: 282
 Ion Ratio Lower Upper
 112 100
 64 0.0 48.0 72.0#
 63 0.0 24.6 36.8#





#7

Phenol-d6

Concen: 0.000 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampled :

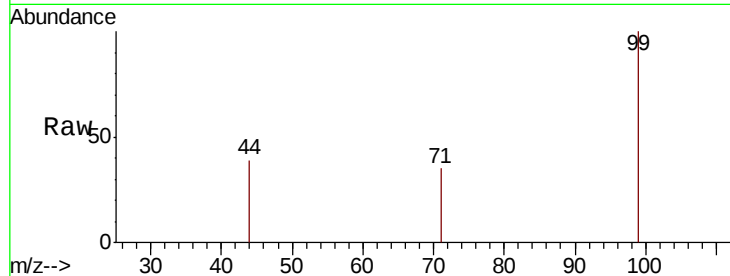
Tot Ion: 99 Resp: 698

Ion Ratio Lower Upper

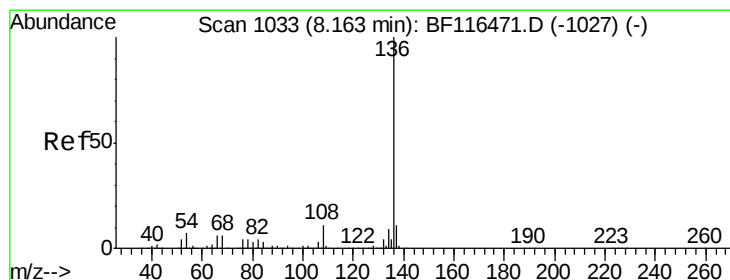
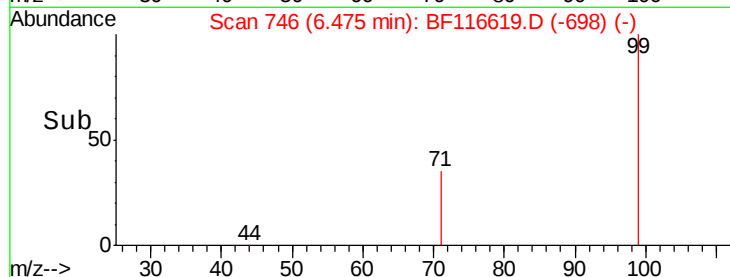
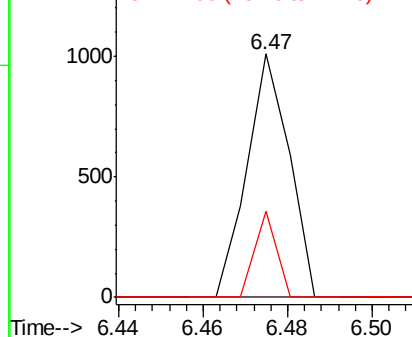
99 100

42 0.0 13.2 19.8#

71 35.3 27.4 41.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Tgt Ion: 136 Resp: 560

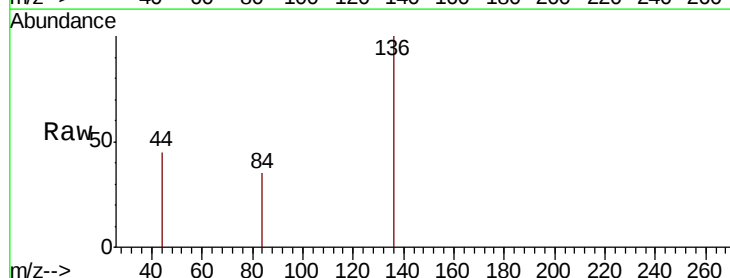
Ion Ratio Lower Upper

136 100

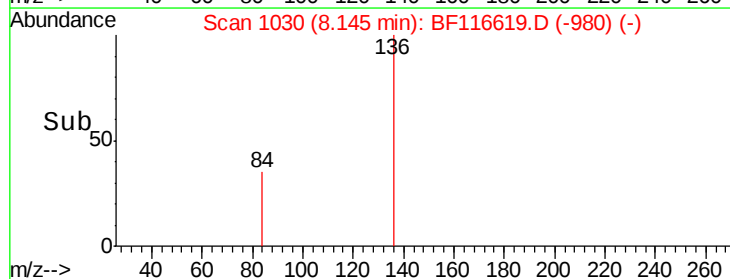
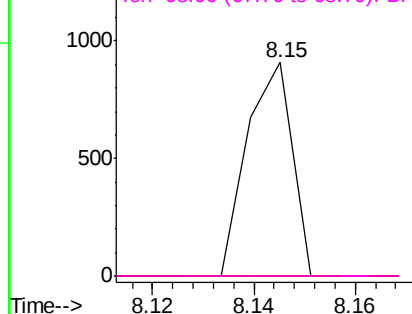
137 0.0 8.7 13.1#

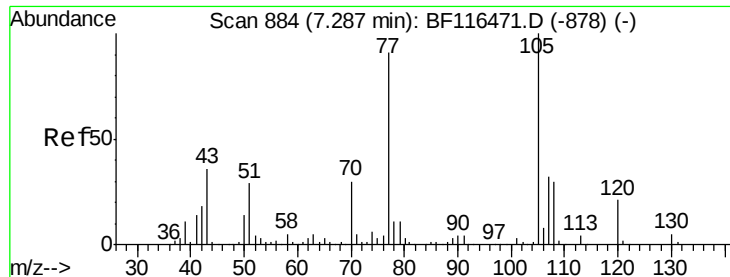
54 0.0 5.0 7.4#

68 0.0 4.5 6.7#



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: 36.343 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 478

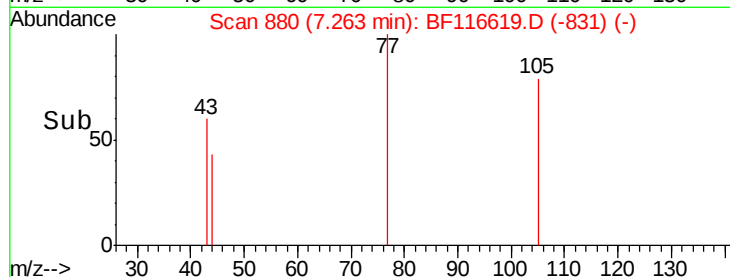
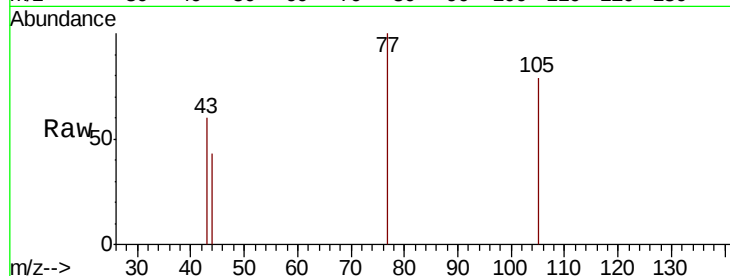
Ion Ratio Lower Upper

105 100

71 0.0 5.0 7.6#

51 0.0 20.7 31.1#

120 0.0 17.9 26.9#

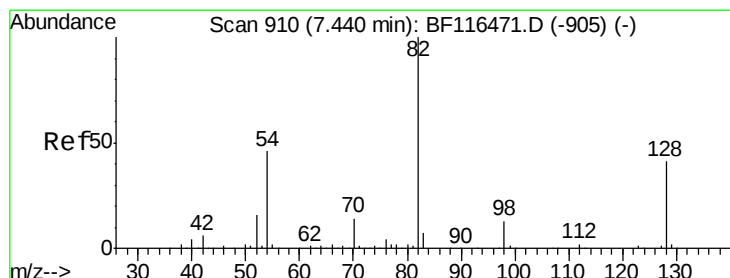
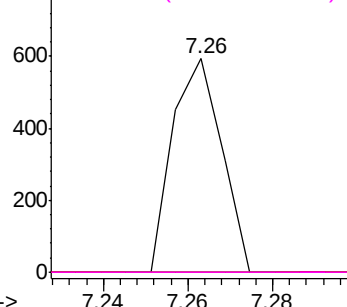


Abundance Ion 105.00 (104.70 to 105.70): E

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: 165.018 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

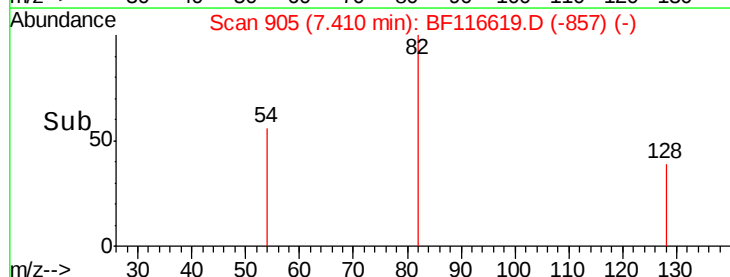
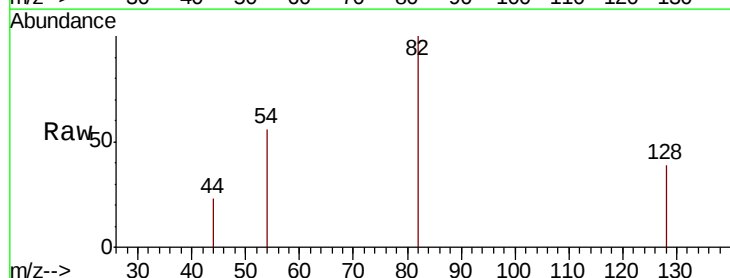
Tgt Ion: 82 Resp: 1615

Ion Ratio Lower Upper

82 100

128 39.1 35.0 52.6

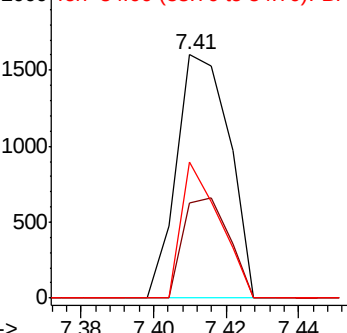
54 55.7 34.4 51.6#

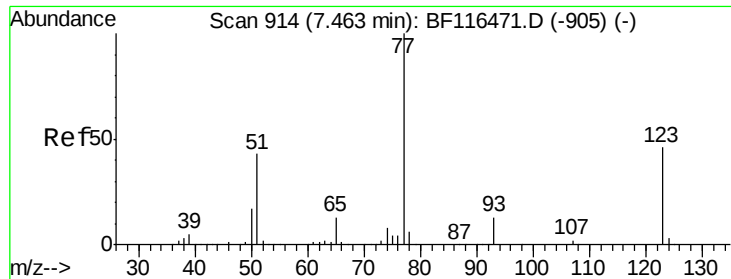


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 44.740 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

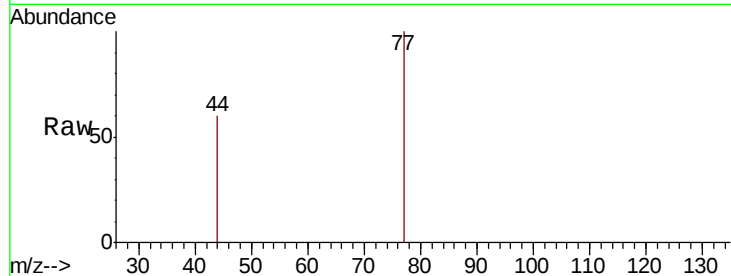
Tot Ion: 77 Resp: 444

Ion Ratio Lower Upper

77 100

123 0.0 38.2 57.4#

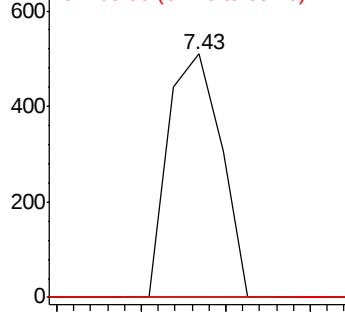
65 0.0 11.0 16.6#



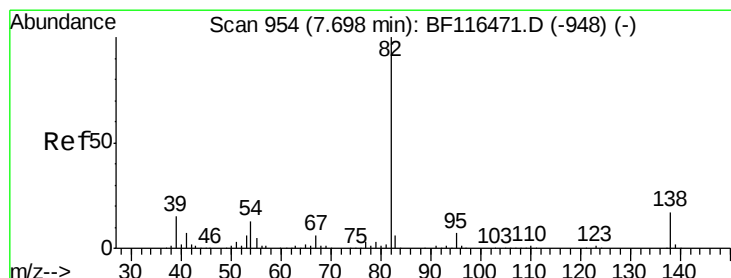
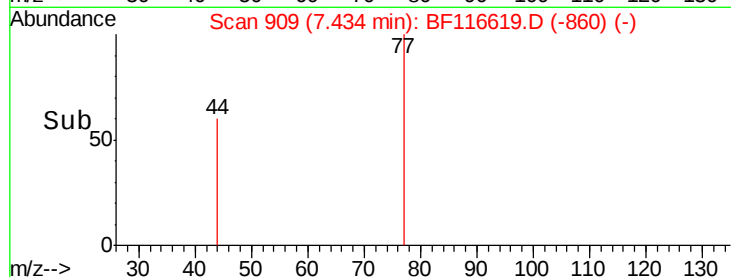
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#25

Isophorone

Concen: 55.511 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

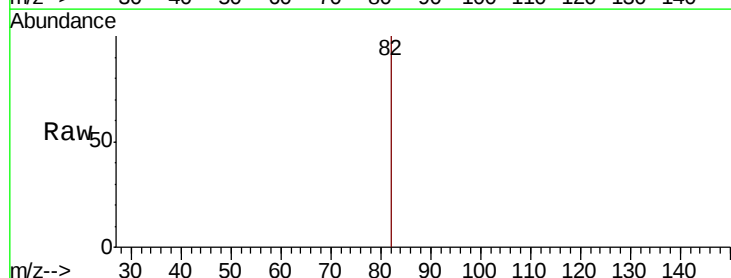
Tgt Ion: 82 Resp: 989

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

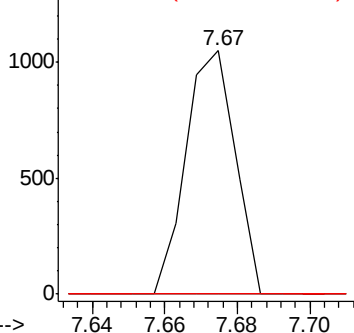
138 0.0 14.4 21.6#



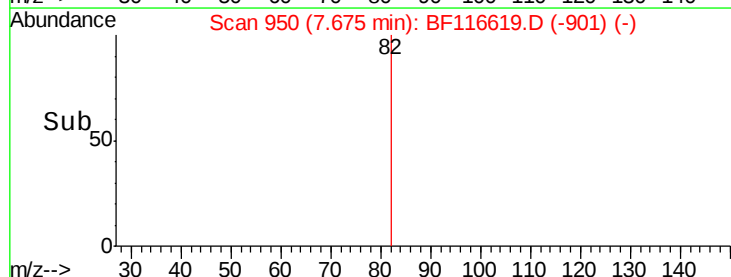
Abundance Ion 82.00 (81.70 to 82.70): BF1

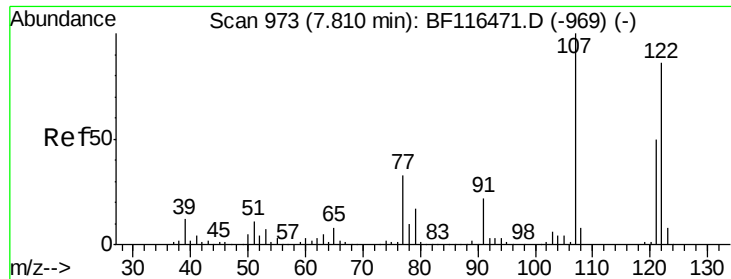
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->





#27

2,4-Dimethylphenol

Concen: 14.327 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF116619.D

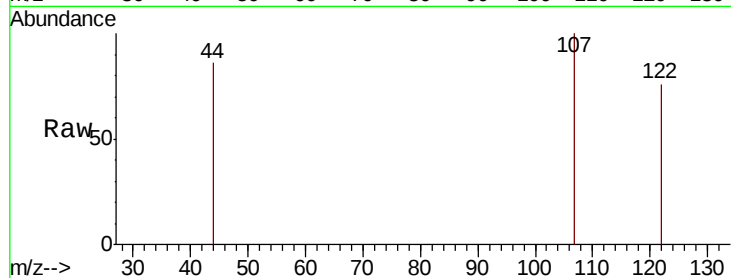
Acq: 28 Aug 2019 17:15

Instrument :

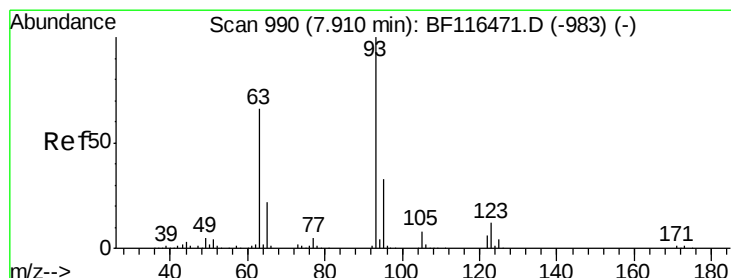
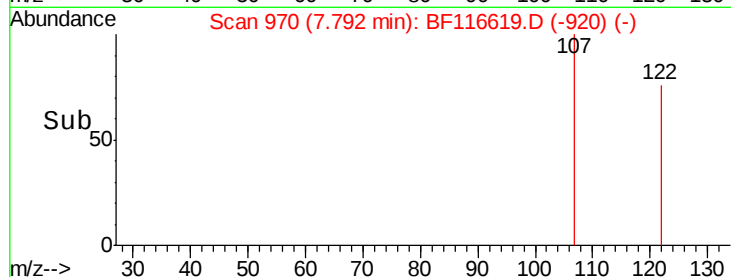
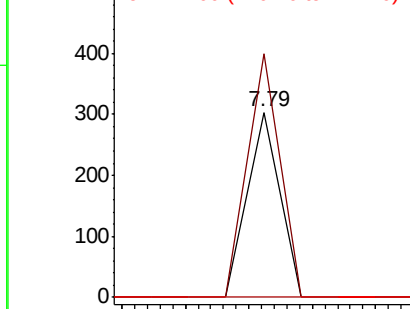
BNA_F

ClientSampled :

Tot Ion:122 Resp: 107
 Ion Ratio Lower Upper
 122 100
 107 131.3 95.4 143.0
 121 0.0 47.8 71.8#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.281 ng

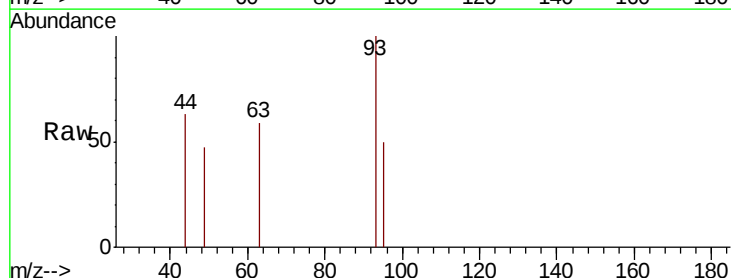
RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

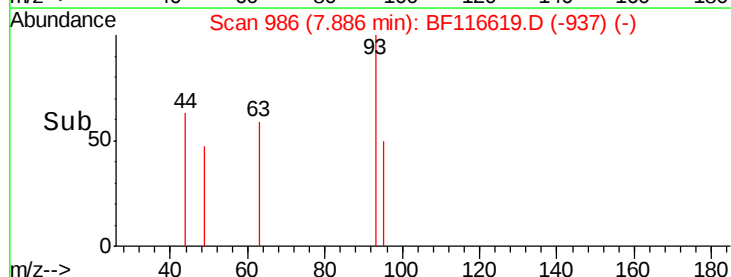
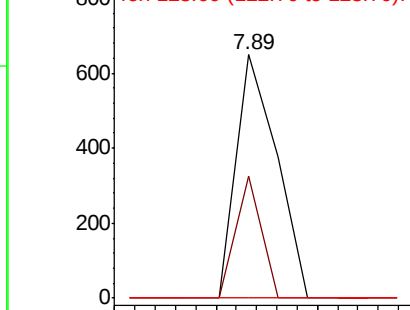
Lab File: BF116619.D

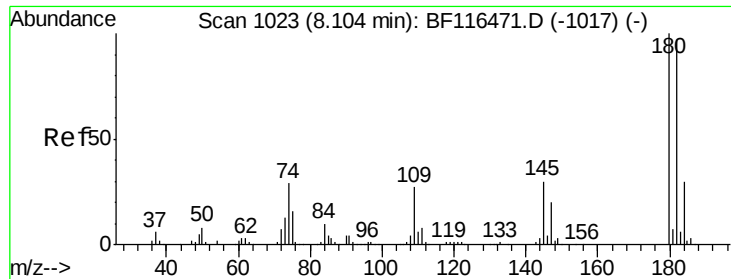
Acq: 28 Aug 2019 17:15

Tgt Ion: 93 Resp: 362
 Ion Ratio Lower Upper
 93 100
 95 50.1 26.1 39.1#
 123 0.0 10.4 15.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

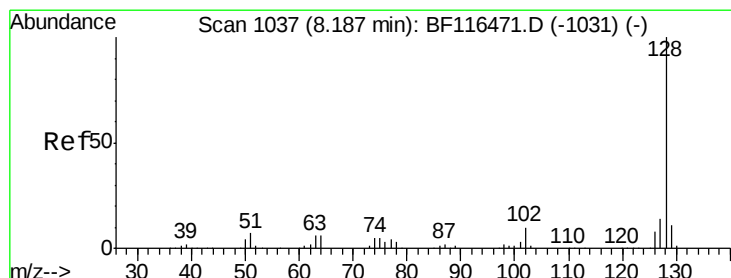
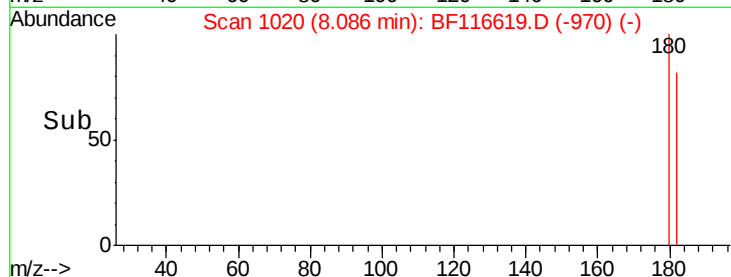
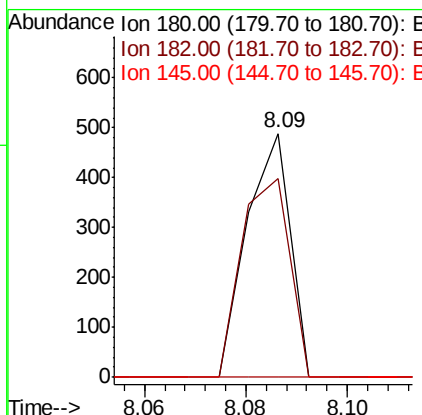
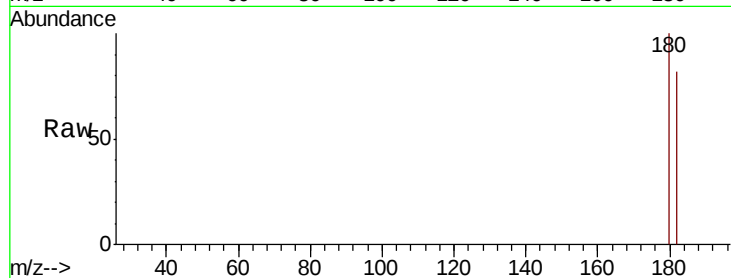




#30
 1,2,4-Trichlorobenzene
 Concen: 32.230 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

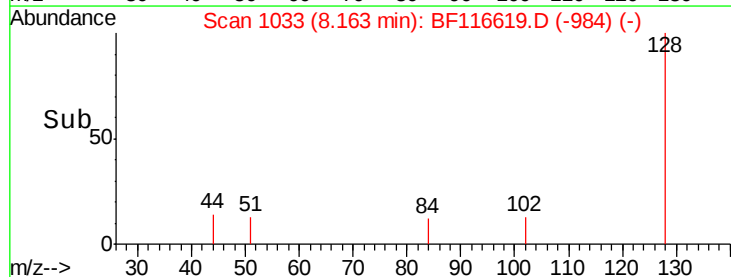
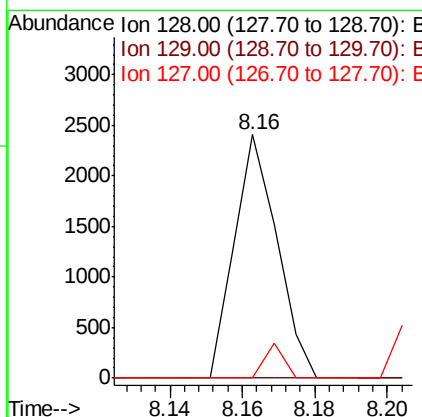
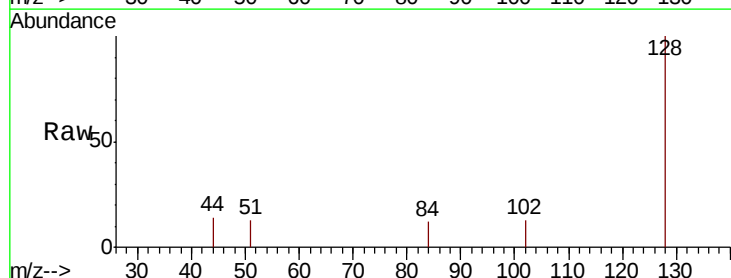
Instrument :
 BNA_F
 ClientSampleId :

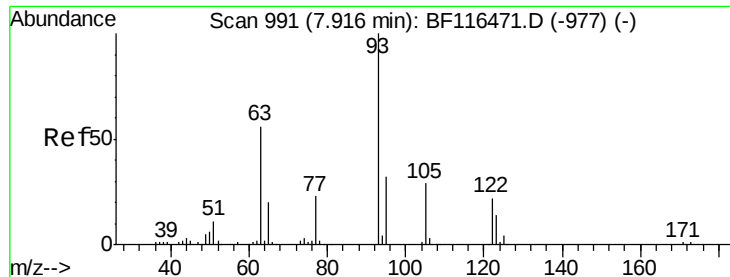
Tot Ion:180 Resp: 289
 Ion Ratio Lower Upper
 180 100
 182 81.8 76.7 115.1
 145 0.0 24.1 36.1#



#31
 Naphthalene
 Concen: 73.588 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:128 Resp: 1974
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.9 13.3#
 127 0.0 10.9 16.3#





#32

Benzoic acid

Concen: 16.765 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.12 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

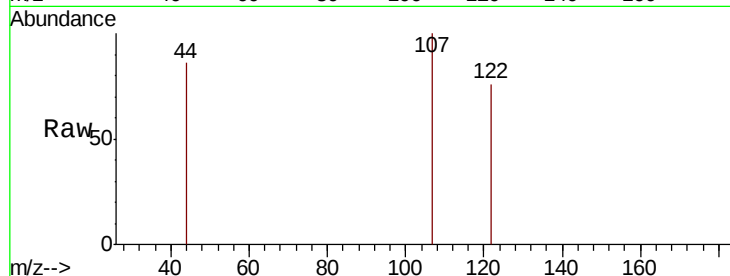
Tot Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 0.0 105.8 145.8#

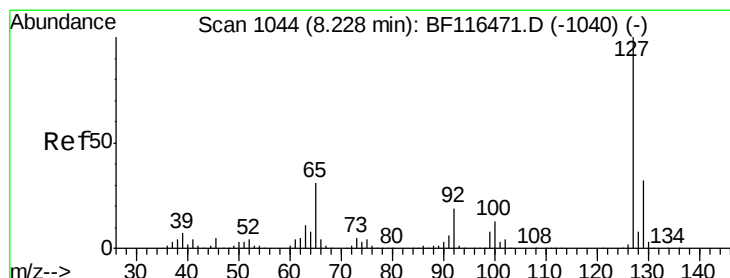
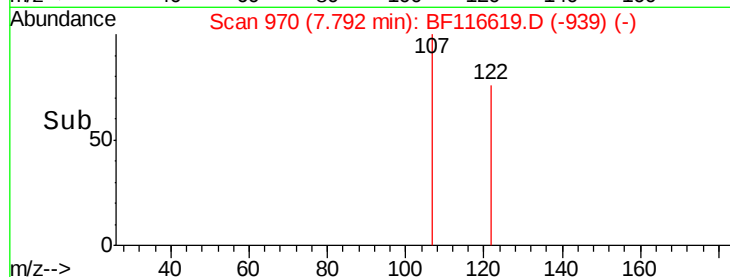
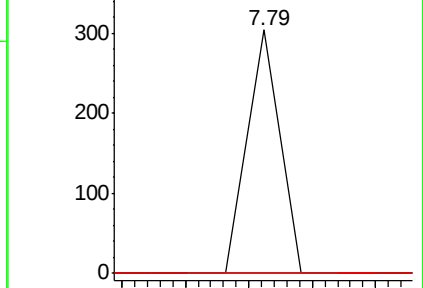
77 0.0 74.1 114.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 44.236 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Tgt Ion:127 Resp: 523

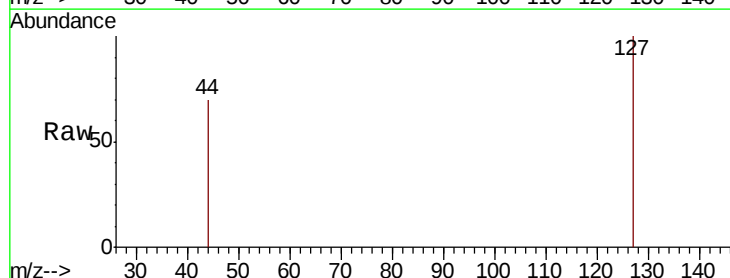
Ion Ratio Lower Upper

127 100

129 0.0 25.9 38.9#

65 0.0 22.6 33.8#

92 0.0 15.0 22.6#

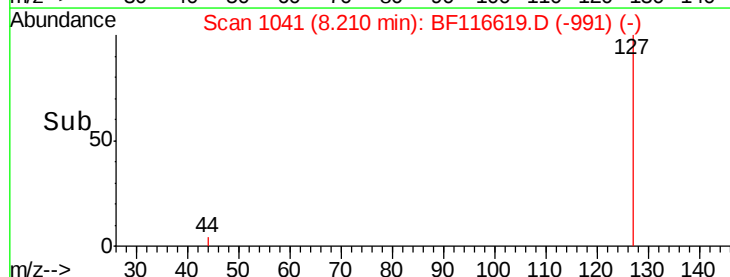
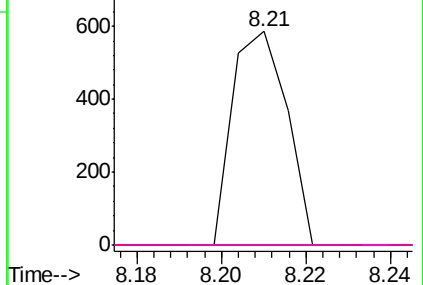


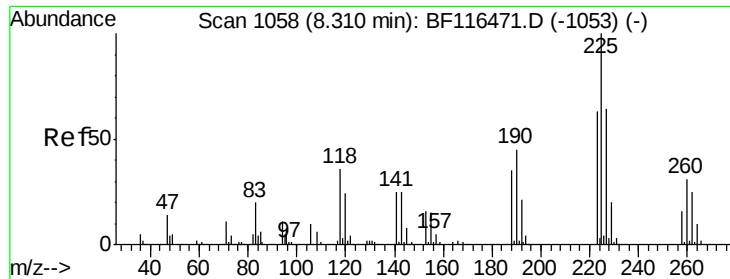
Abundance Ion 127.00 (126.70 to 127.70): E

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





#34

Hexachlorobutadiene

Concen: 53.645 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

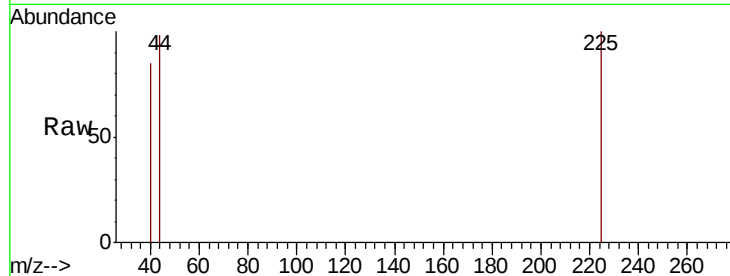
Tot Ion:225 Resp: 268

Ion Ratio Lower Upper

225 100

223 0.0 50.7 76.1#

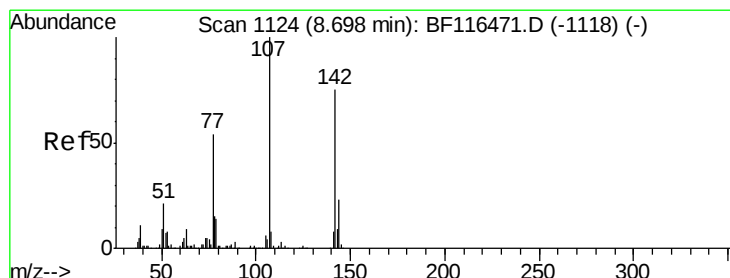
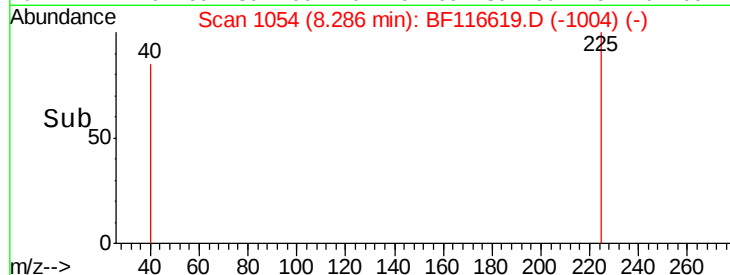
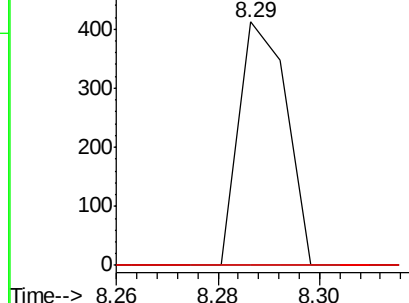
227 0.0 50.4 75.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 15.008 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

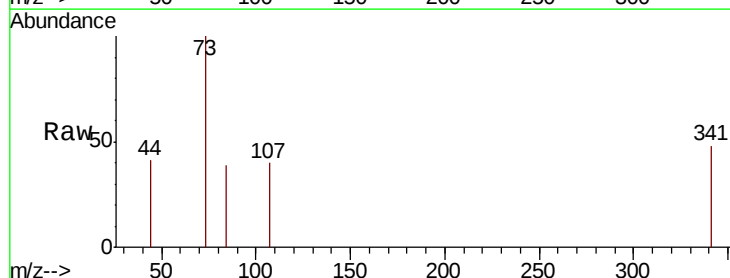
Tgt Ion:107 Resp: 118

Ion Ratio Lower Upper

107 100

144 0.0 20.6 30.8#

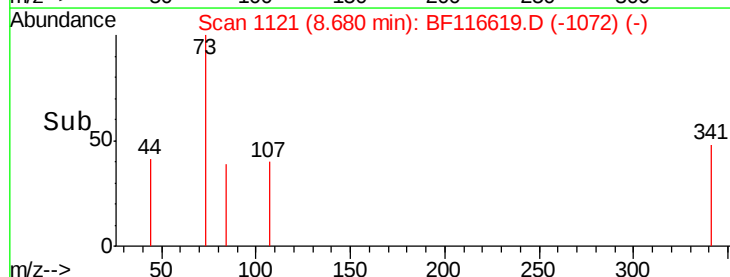
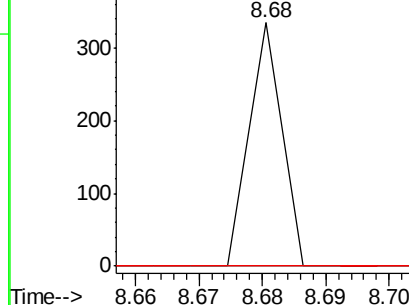
142 0.0 63.8 95.6#

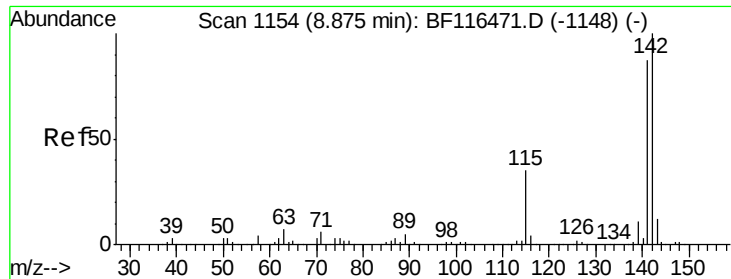


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

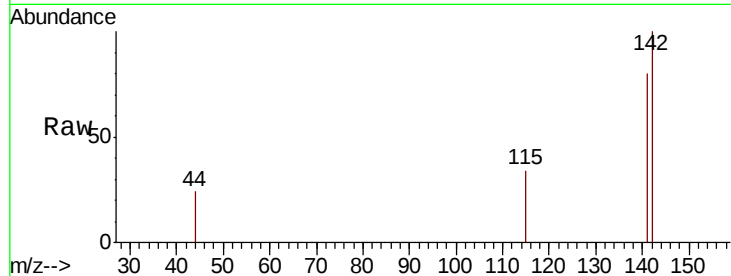




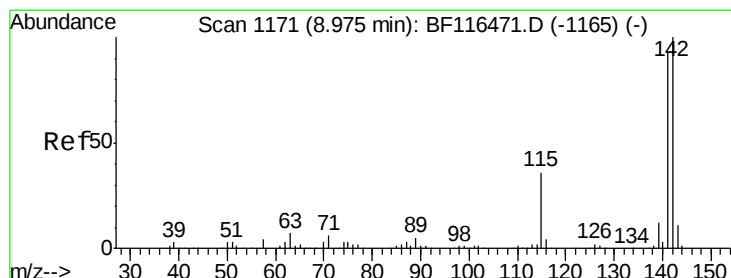
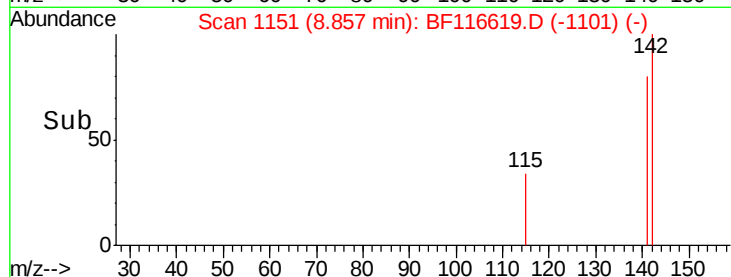
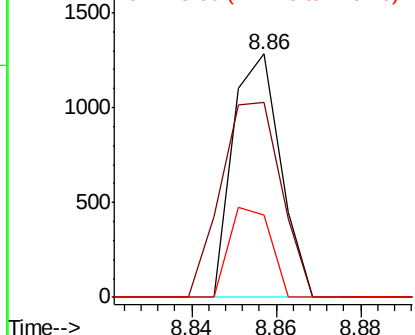
#37
2-Methylnaphthalene
Concen: 59.692 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1000
Ion Ratio Lower Upper
142 100
141 80.3 69.5 104.3
115 33.7 26.0 39.0

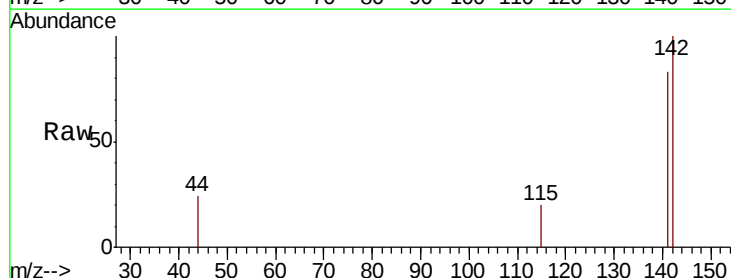


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

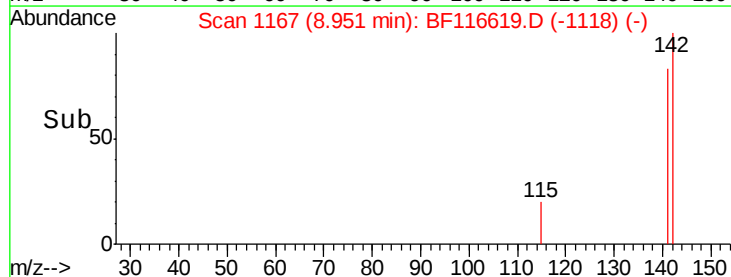
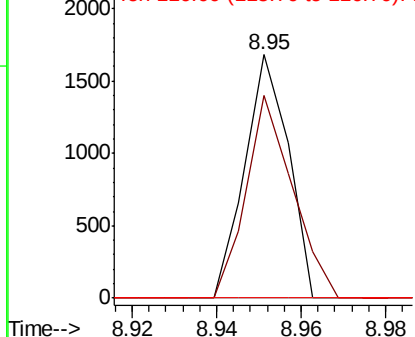


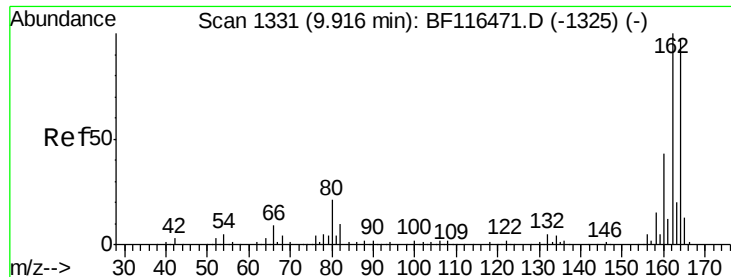
#38
1-Methylnaphthalene
Concen: 73.652 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:142 Resp: 1205
Ion Ratio Lower Upper
142 100
141 83.2 73.1 109.7
116 0.0 2.7 4.1#



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

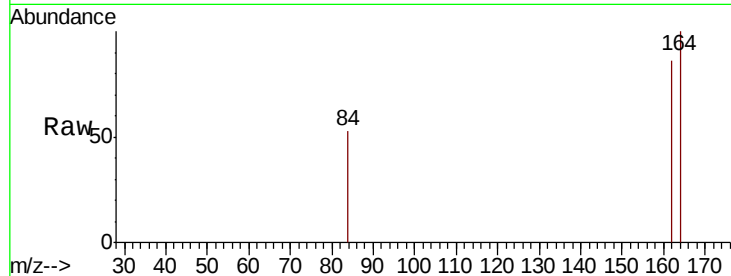




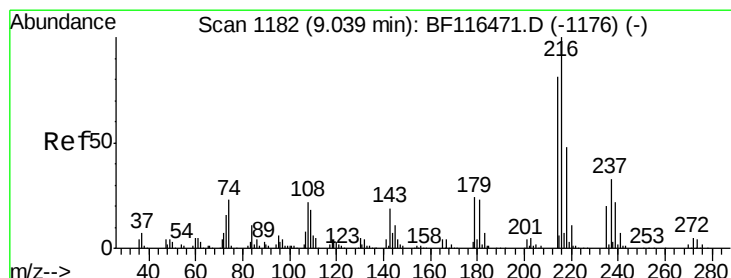
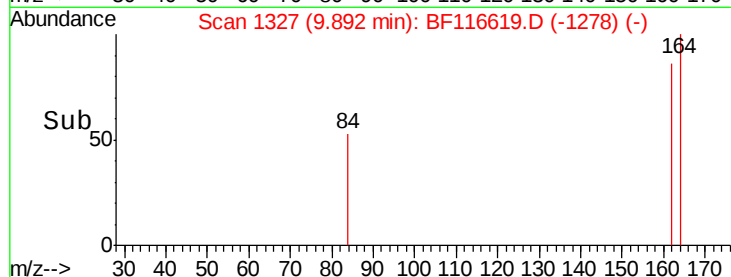
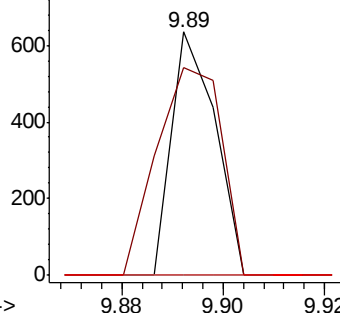
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 379
Ion Ratio Lower Upper
164 100
162 85.5 83.4 125.0
160 0.0 37.0 55.4#

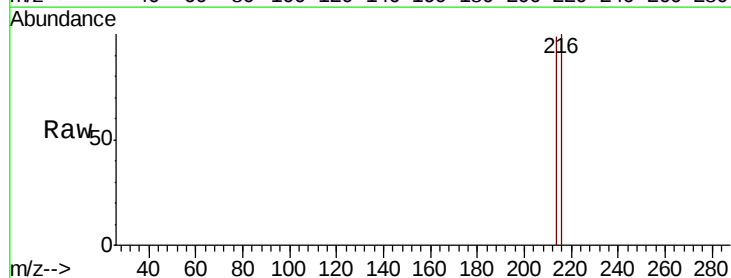


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

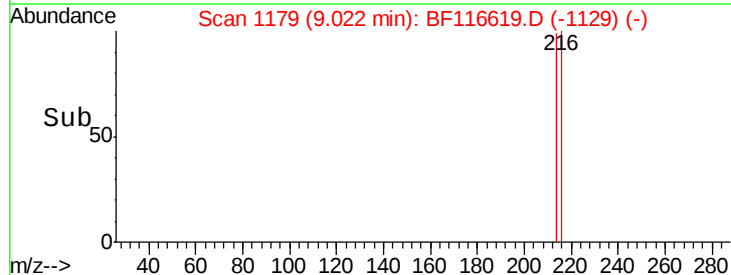
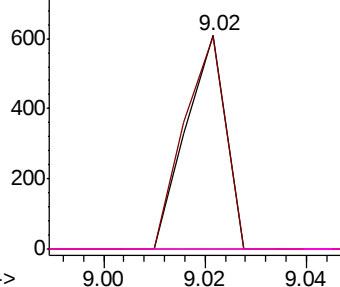


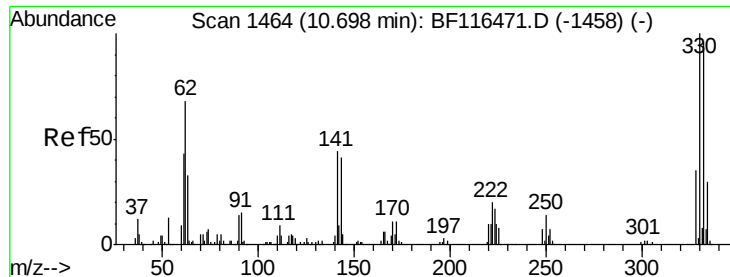
#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.832 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:216 Resp: 331
Ion Ratio Lower Upper
216 100
214 103.0 63.3 94.9#
179 0.0 17.9 26.9#
108 0.0 16.0 24.0#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

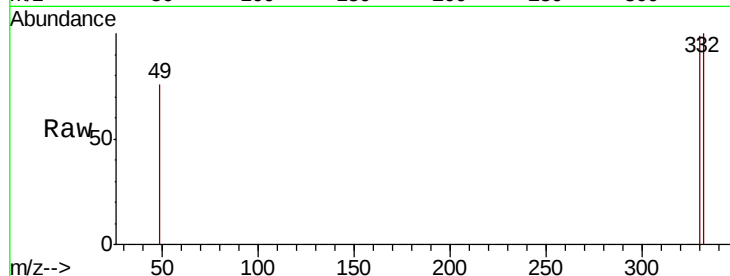




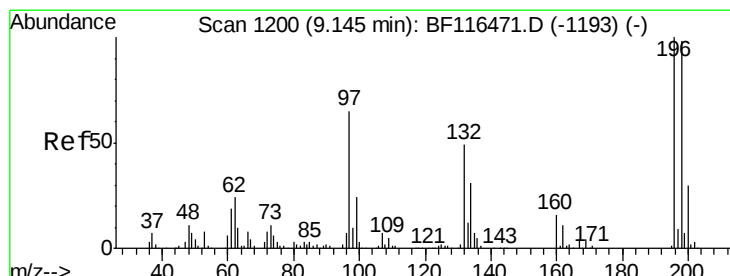
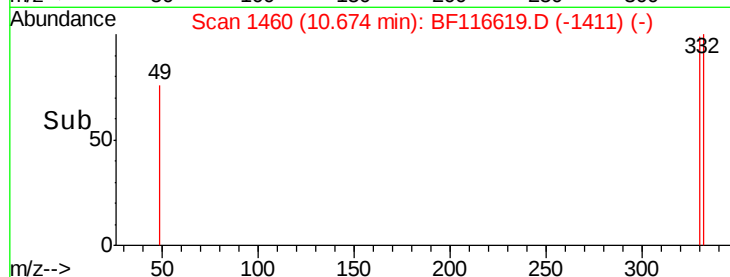
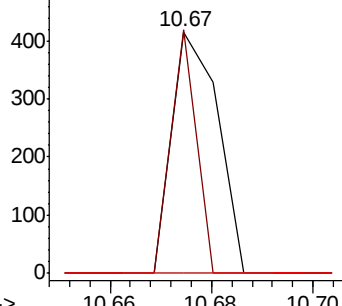
#42
 2,4,6-Tribromophenol
 Concen: 72.922 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 56.3 77.5 116.3#
 141 0.0 28.2 42.2#

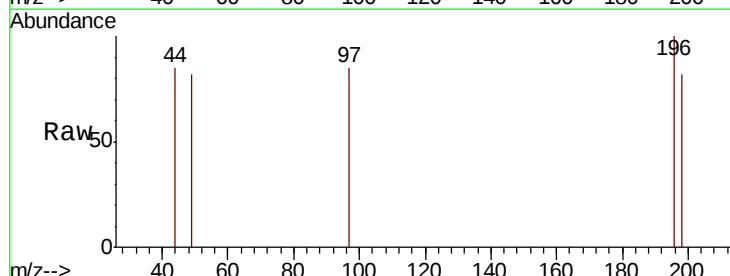


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

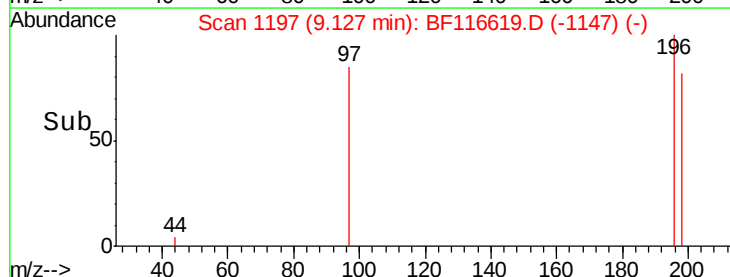
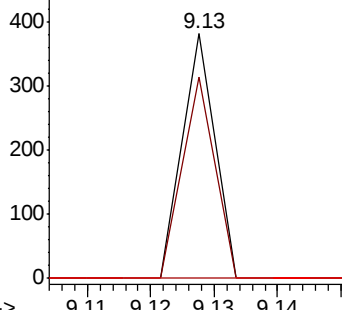


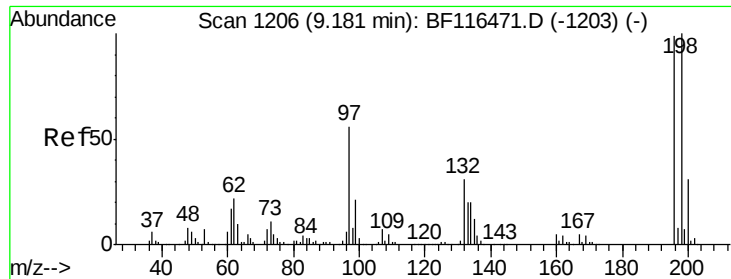
#43
 2,4,6-Trichlorophenol
 Concen: 18.349 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:196 Resp: 134
 Ion Ratio Lower Upper
 196 100
 198 82.4 76.8 115.2
 200 0.0 25.0 37.6#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

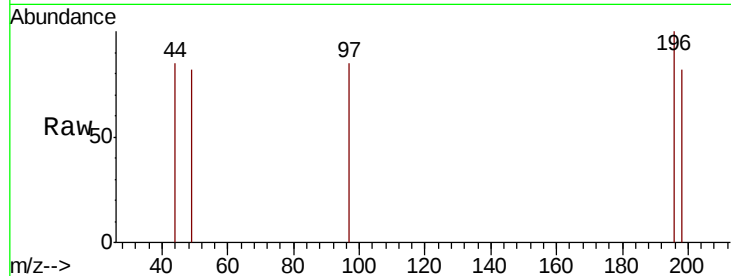




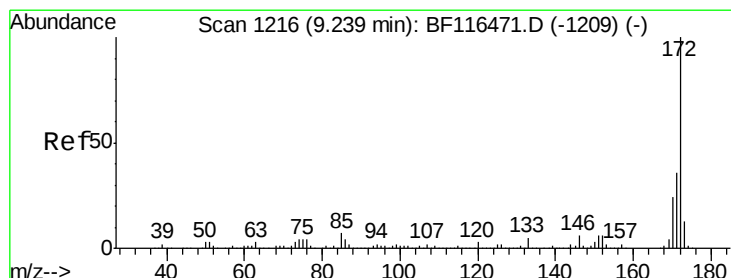
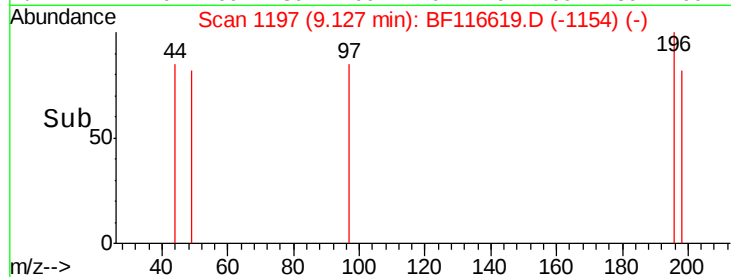
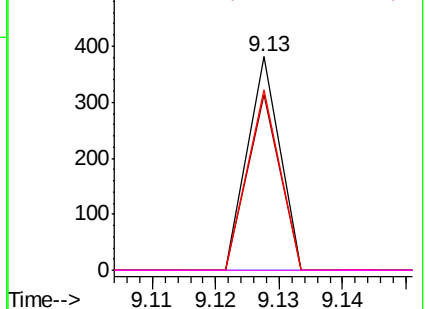
#44
 2,4,5-Trichlorophenol
 Concen: 18.244 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.05 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	134
Ion	Ratio	Lower	Upper
196	100		
198	82.4	82.0	123.0
97	84.8	37.0	55.6#
132	0.0	22.2	33.2#

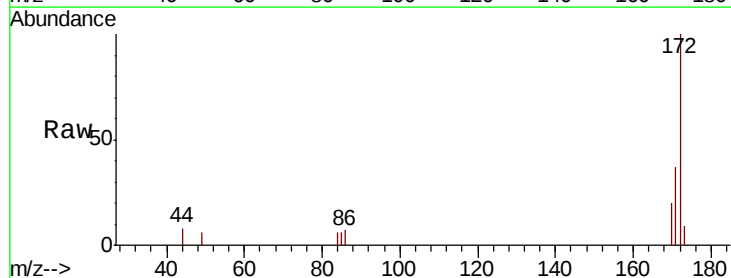


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

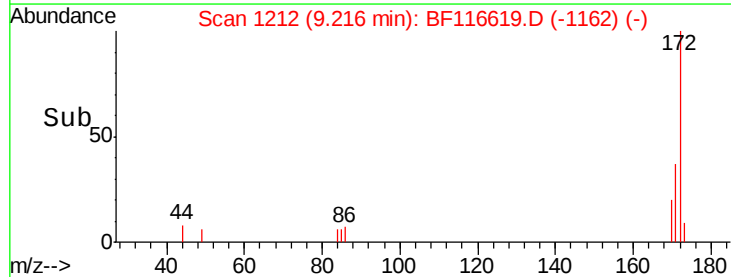
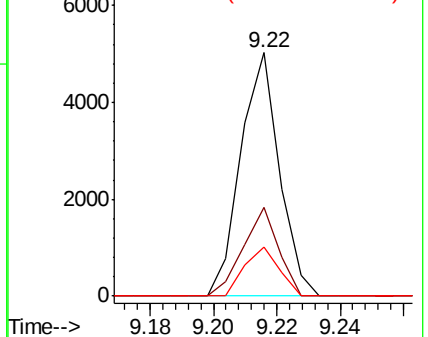


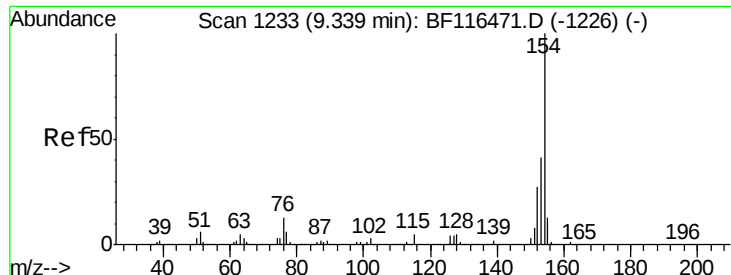
#45
 2-Fluorobiphenyl
 Concen: 186.048 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:	172	Resp:	4237
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	19.9	19.3	28.9



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

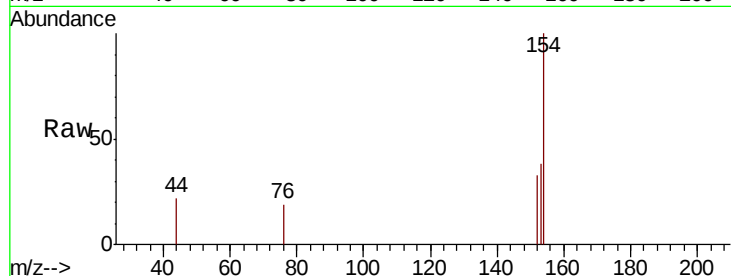




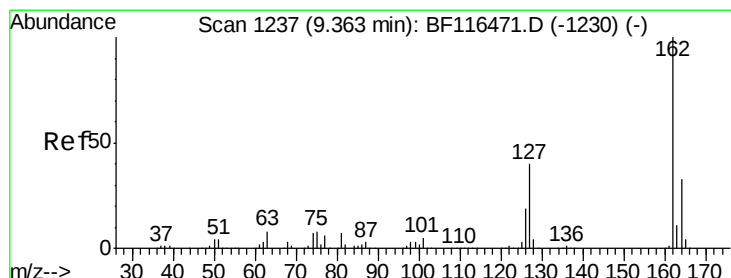
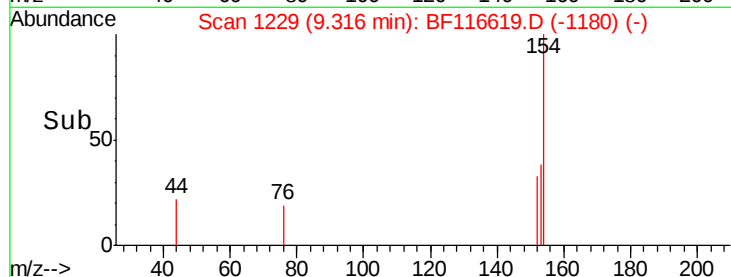
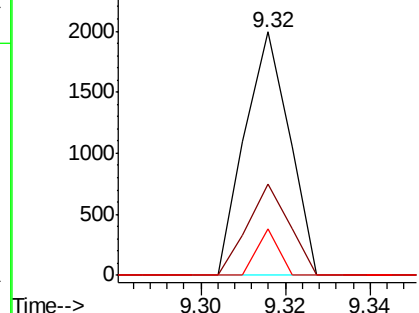
#46
 1,1'-Biphenyl
 Concen: 50.782 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1461
 Ion Ratio Lower Upper
 154 100
 153 37.7 21.4 61.4
 76 19.1 0.0 31.8

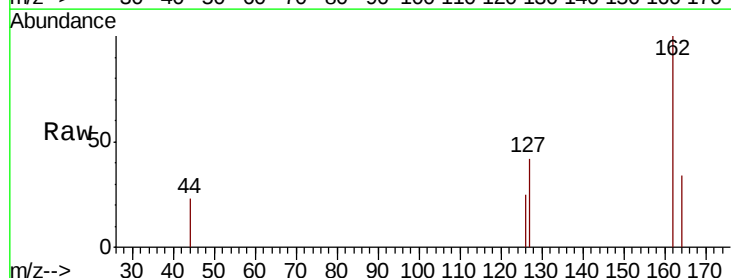


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

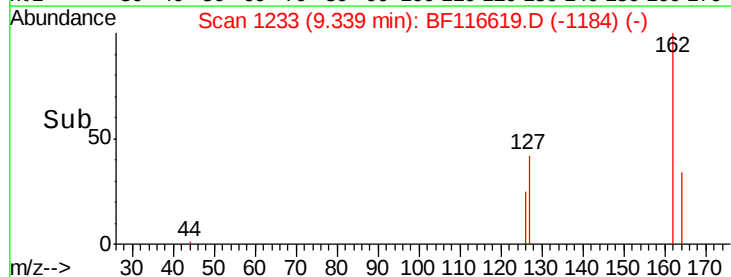
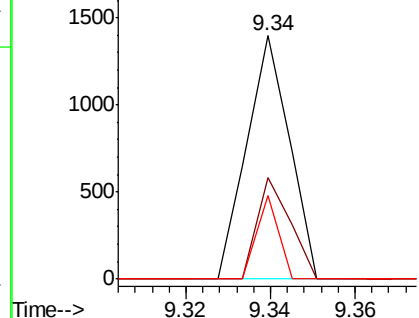


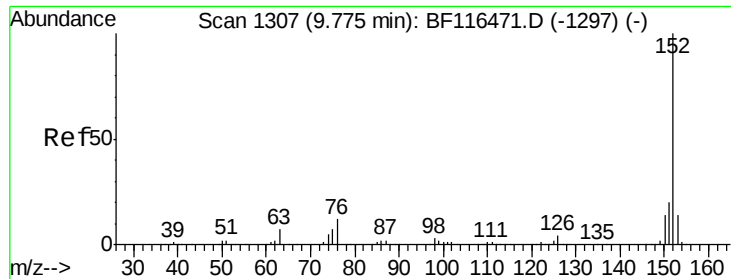
#47
 2-Chloronaphthalene
 Concen: 43.651 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:162 Resp: 979
 Ion Ratio Lower Upper
 162 100
 127 41.6 31.1 46.7
 164 34.2 26.8 40.2



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





#49

Acenaphthylene

Concen: 49.359 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

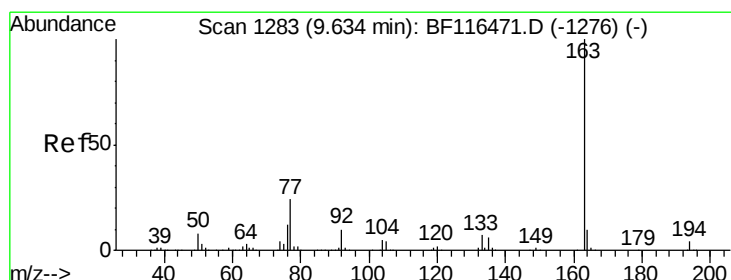
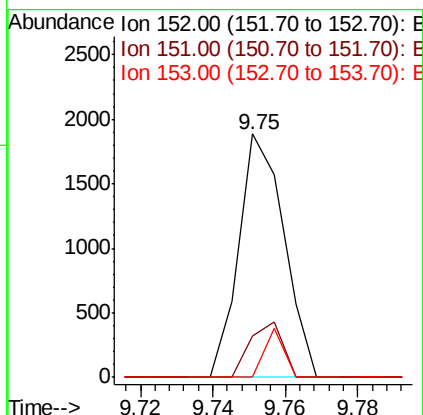
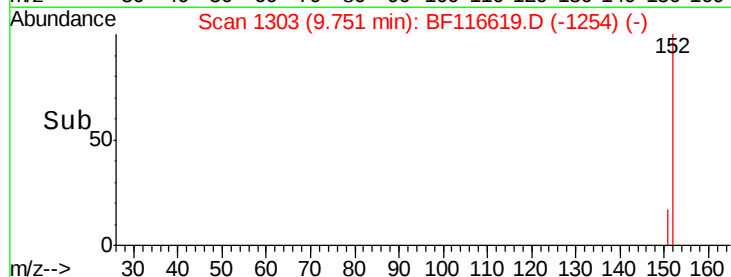
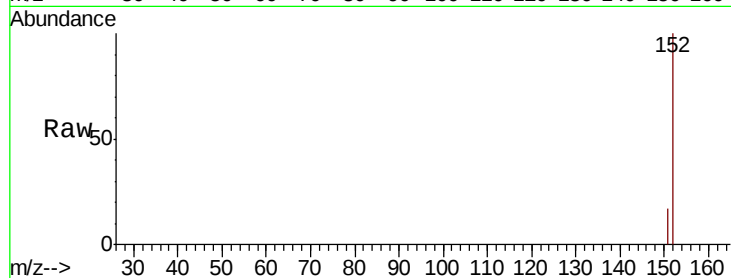
Tot Ion:152 Resp: 1626

Ion Ratio Lower Upper

152 100

151 16.8 16.4 24.6

153 0.0 11.3 16.9#



#50

Dimethylphthalate

Concen: 59.263 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

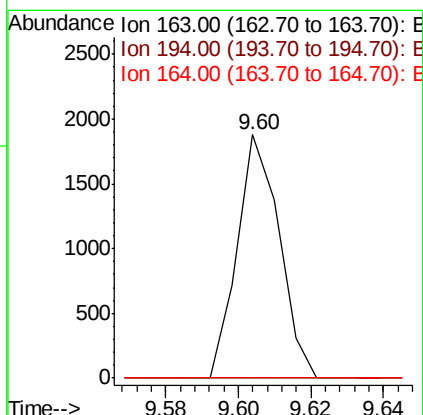
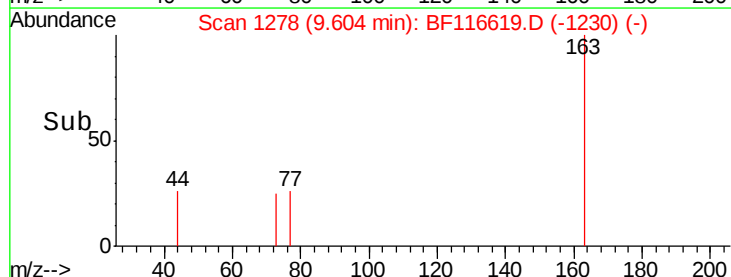
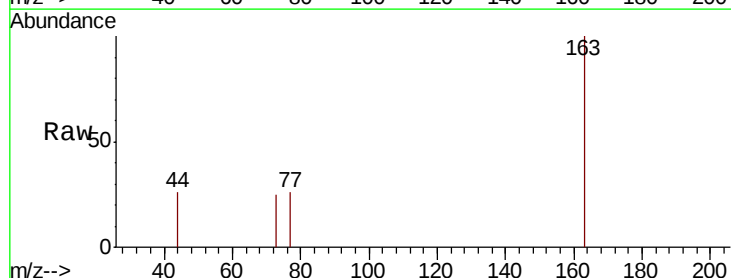
Tgt Ion:163 Resp: 1510

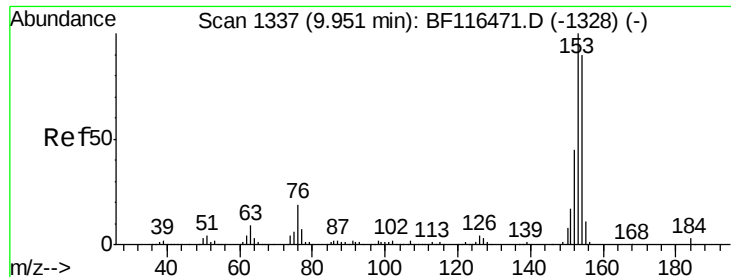
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 8.2 12.2#





#52

Acenaphthene

Concen: 46.760 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

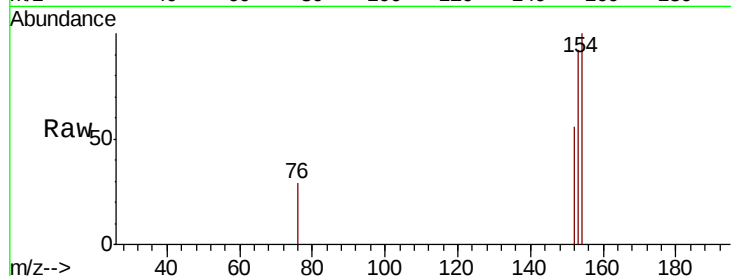
Tot Ion:154 Resp: 1043

Ion Ratio Lower Upper

154 100

153 91.9 86.6 129.8

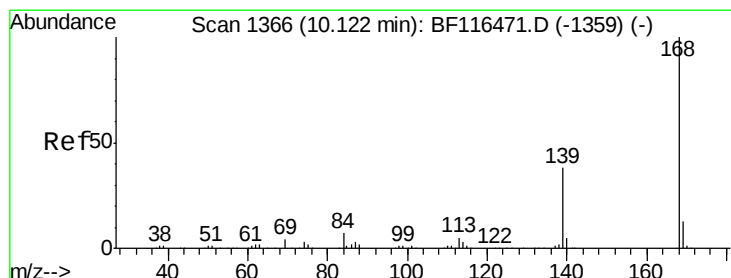
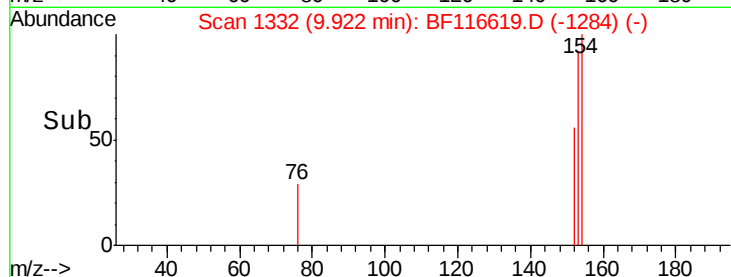
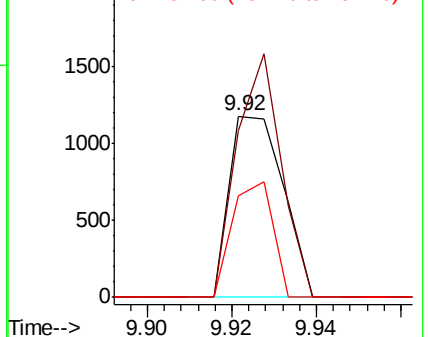
152 56.0 39.4 59.0



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: 50.871 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

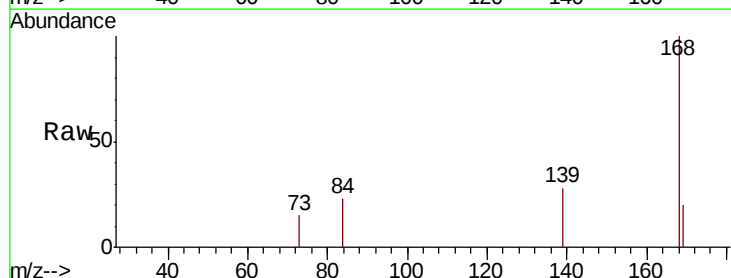
Tgt Ion:168 Resp: 1528

Ion Ratio Lower Upper

168 100

139 28.1 31.3 46.9#

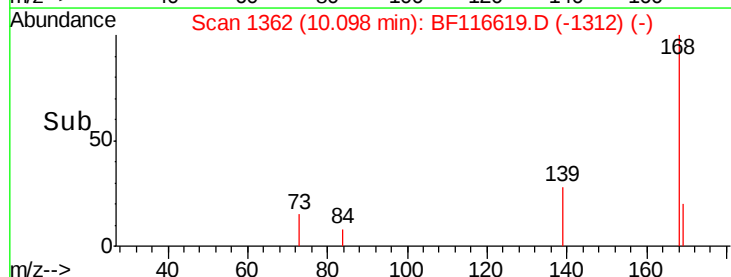
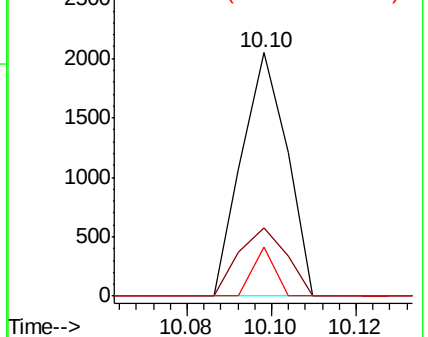
169 20.0 11.3 16.9#

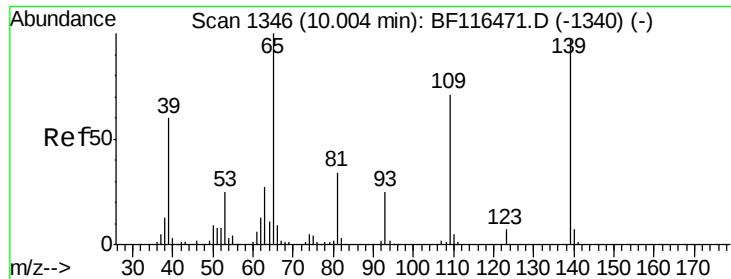


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

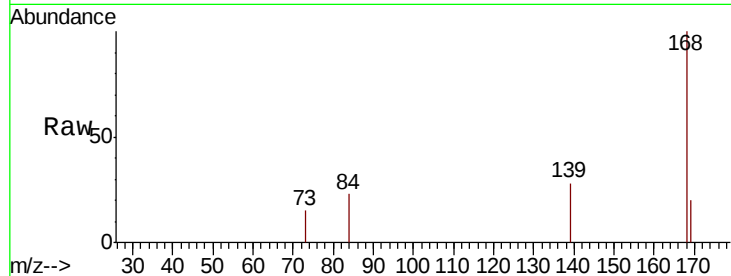




#56
4-Nitrophenol
Concen: 88.430 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	45.5	85.5#
65	0.0	66.8	106.8#

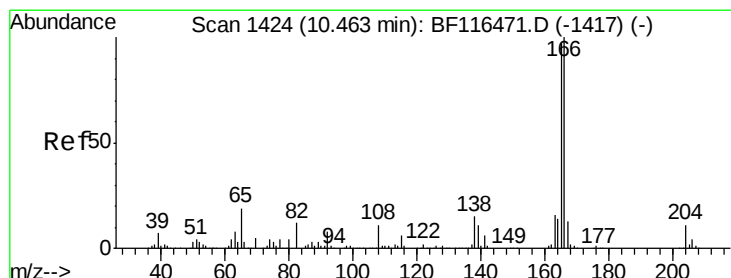
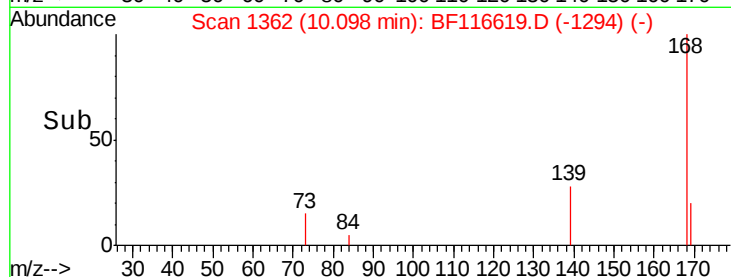
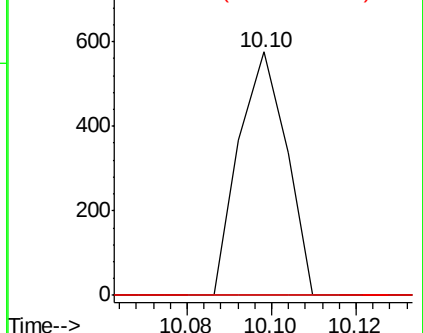


Abundance

Ion 139.00 (138.70 to 139.70): E

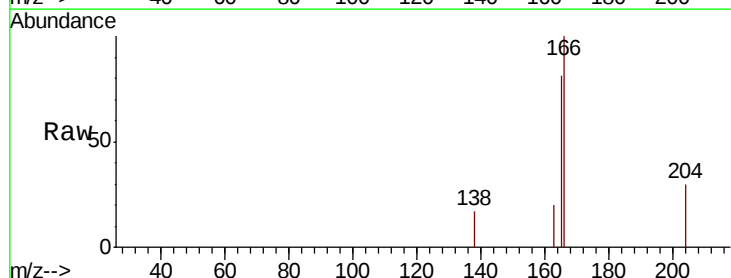
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58
Fluorene
Concen: 55.054 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	80.6	77.8	116.6
167	0.0	10.6	16.0#

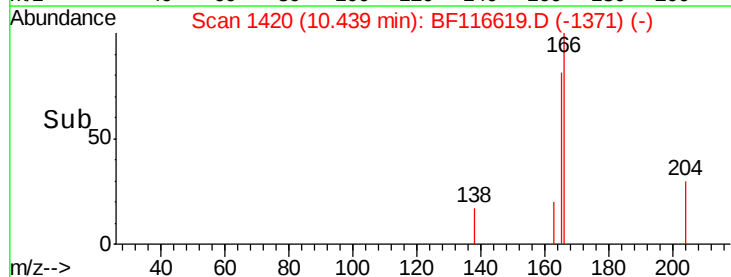
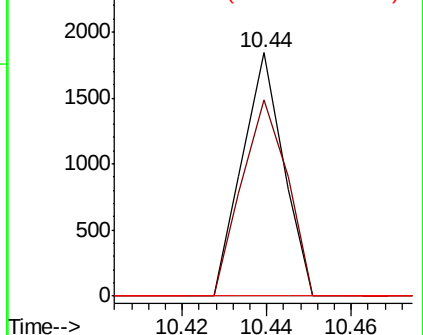


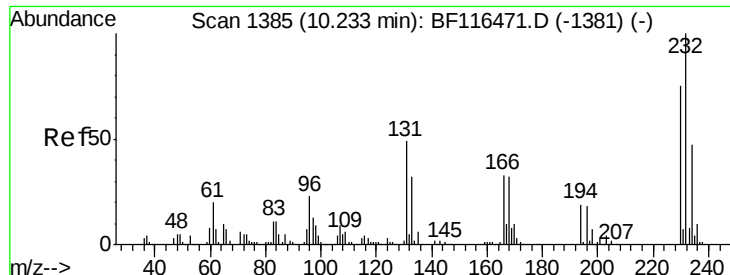
Abundance

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

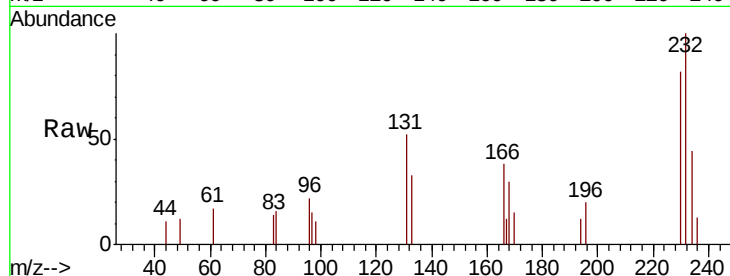




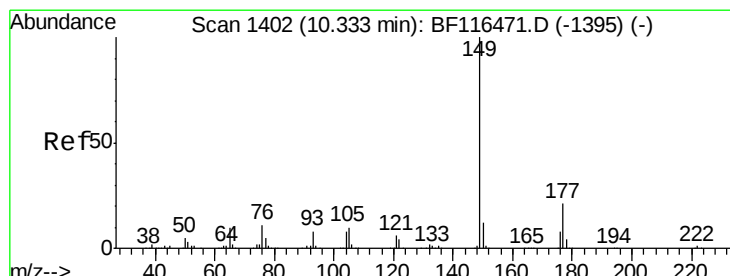
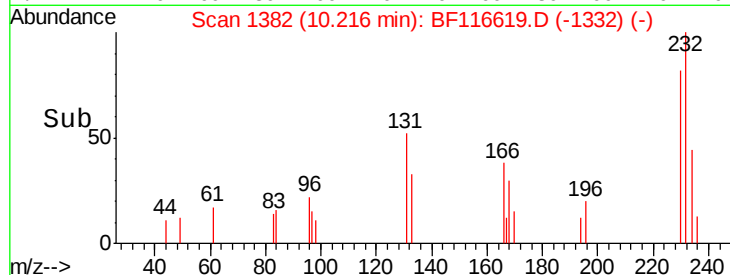
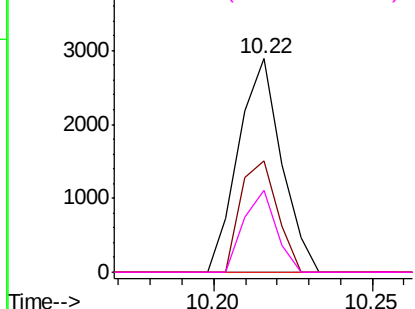
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 451.709 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 2731
 Ion Ratio Lower Upper
 232 100
 131 44.3 37.7 56.5
 130 0.0 1.8 2.6#
 166 28.7 25.5 38.3

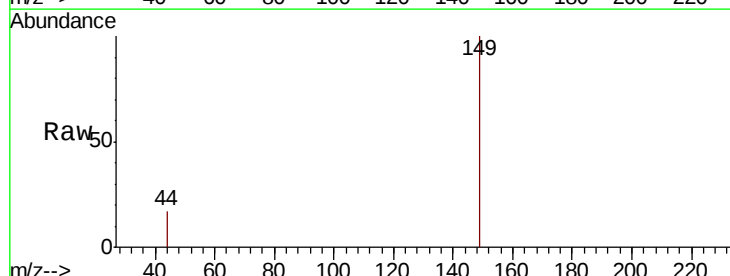


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

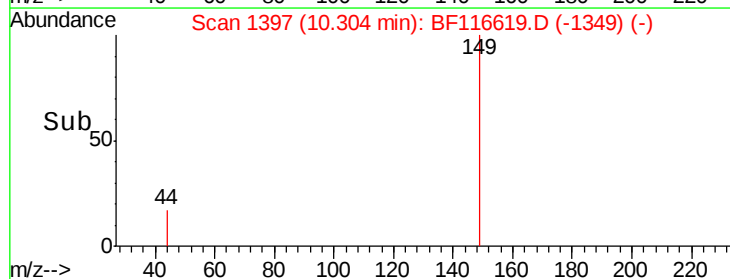
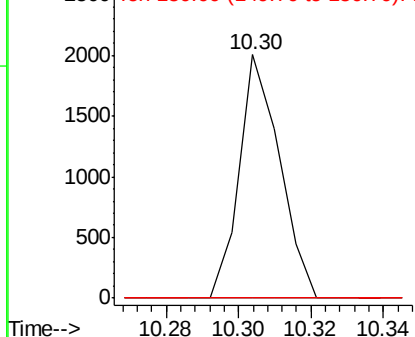


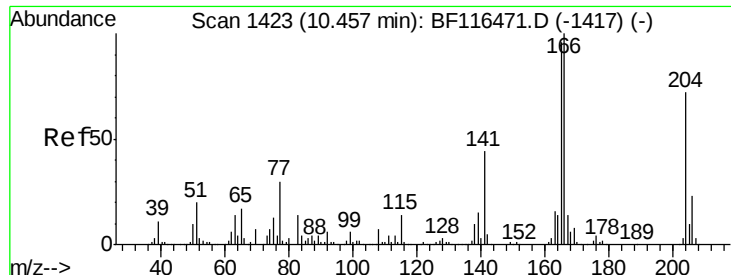
#60
 Diethylphthalate
 Concen: 62.242 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:149 Resp: 1548
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.2 27.4#
 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

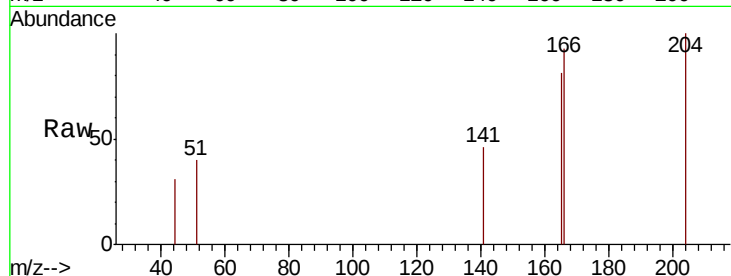




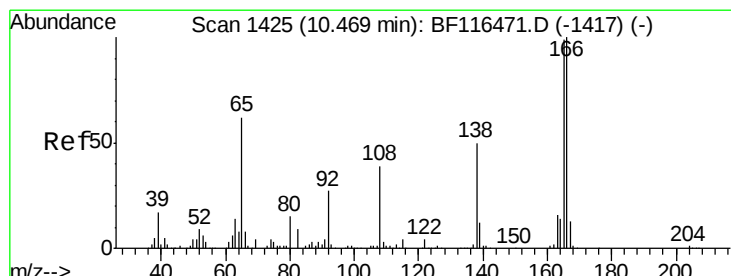
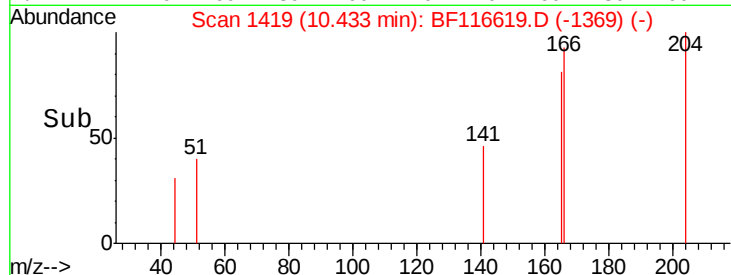
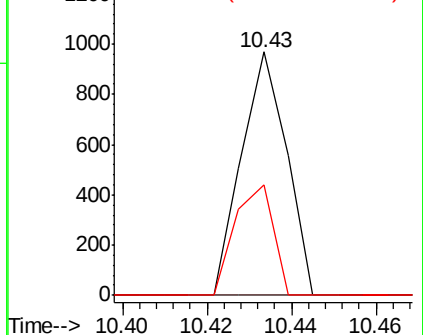
#61
 4-Chlorophenyl-phenylether
 Concen: 62.741 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 717
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.0 39.0#
 141 45.5 47.9 71.9#

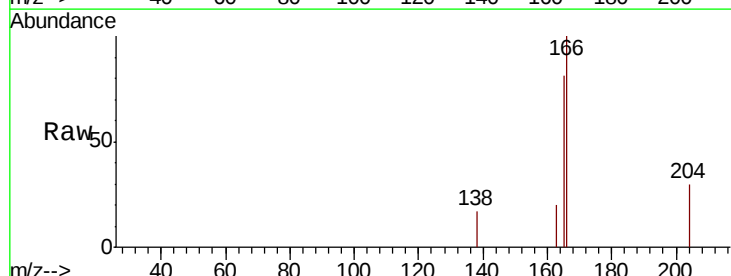


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

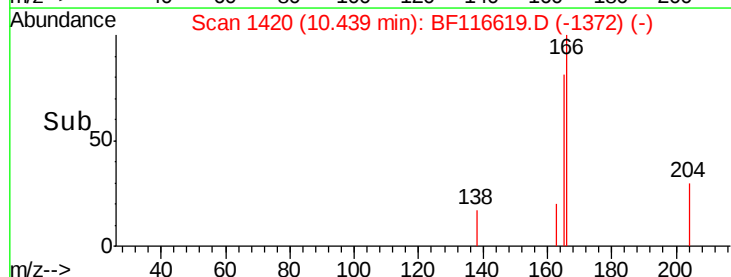
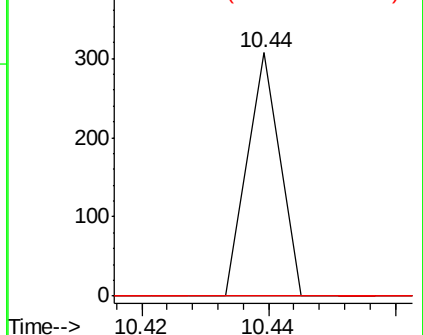


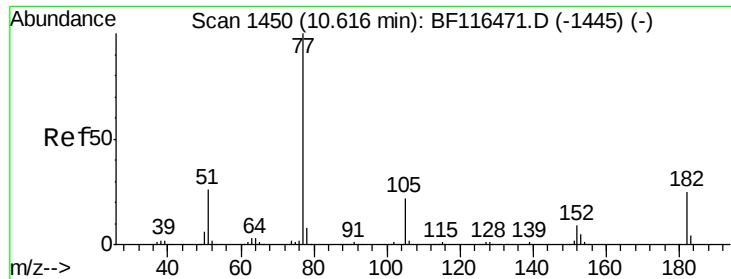
#62
 4-Nitroaniline
 Concen: 16.546 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:138 Resp: 108
 Ion Ratio Lower Upper
 138 100
 92 0.0 28.9 68.9#
 108 0.0 49.3 89.3#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 32.780 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 823

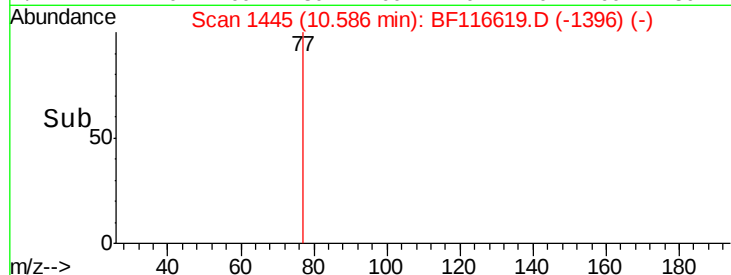
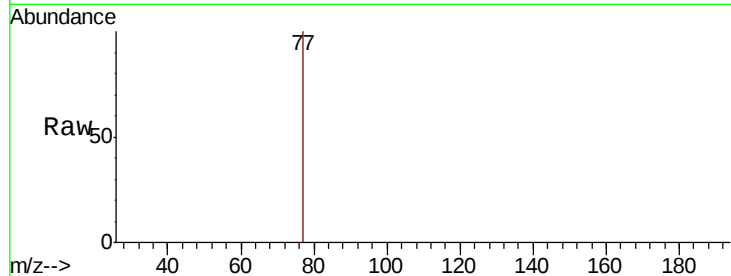
Ion Ratio Lower Upper

77 100

182 0.0 3.8 43.8#

105 0.0 1.6 41.6#

51 0.0 6.1 46.1#

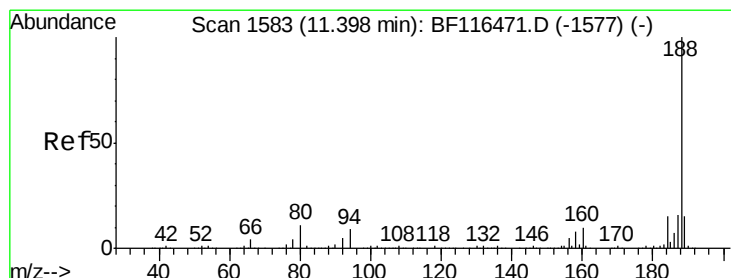
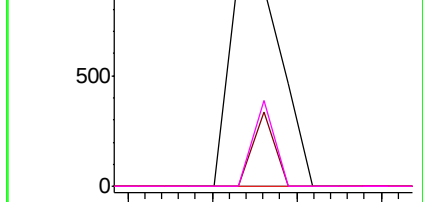


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

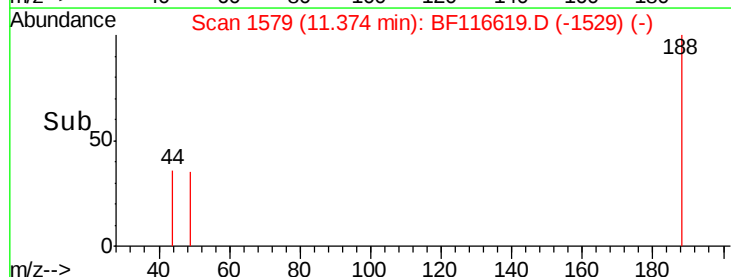
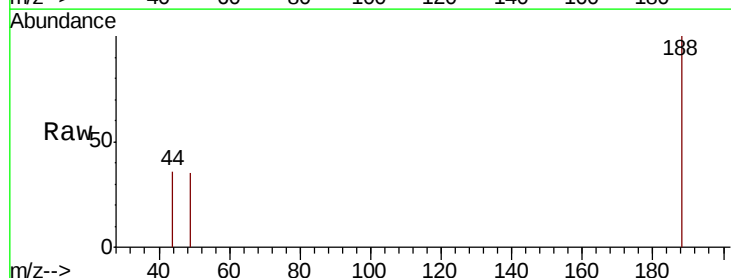
Tgt Ion: 188 Resp: 961

Ion Ratio Lower Upper

188 100

94 0.0 8.2 12.4#

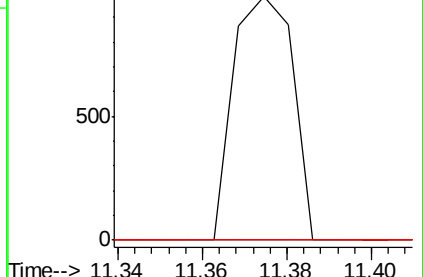
80 0.0 8.9 13.3#

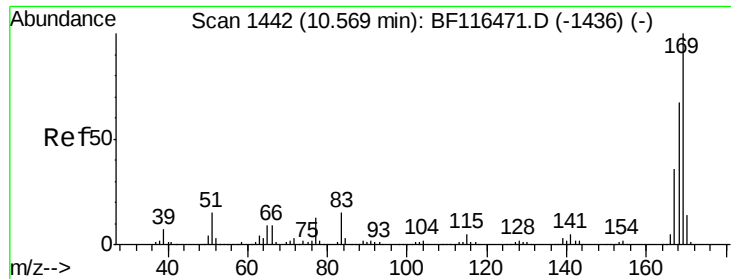


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

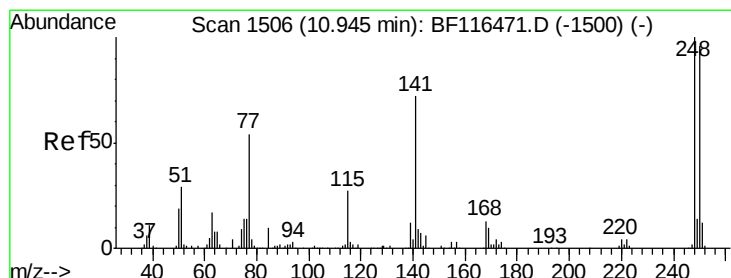
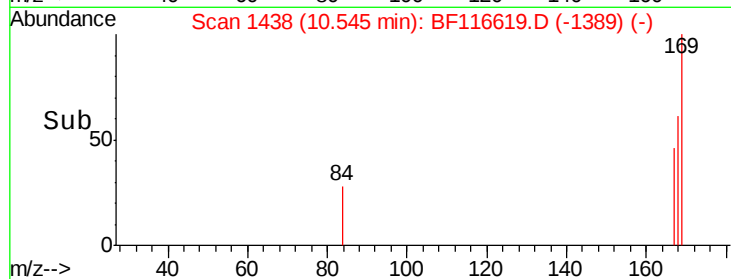
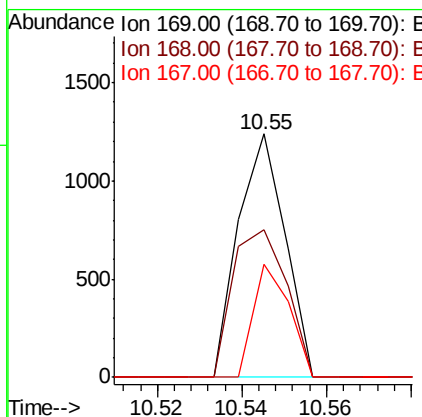
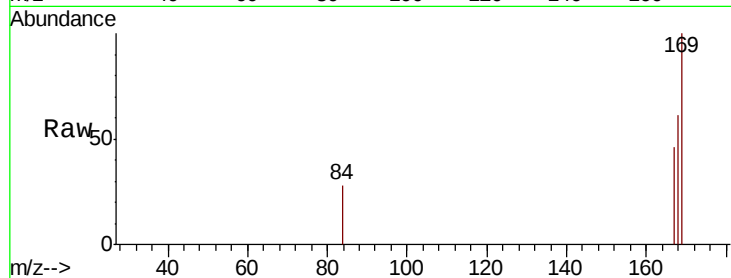




#66
 n-Nitrosodiphenylamine
 Concen: 31.295 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

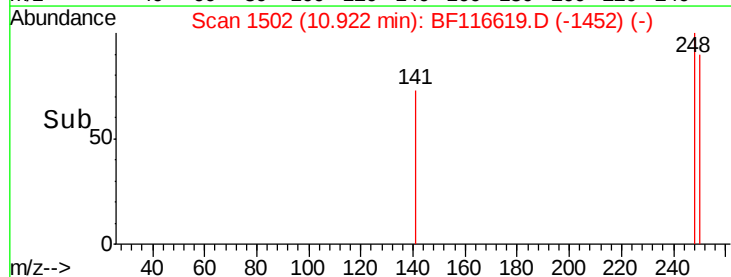
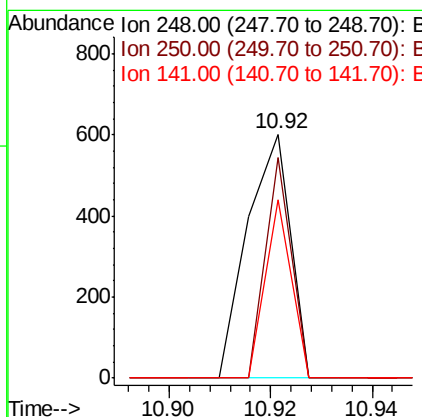
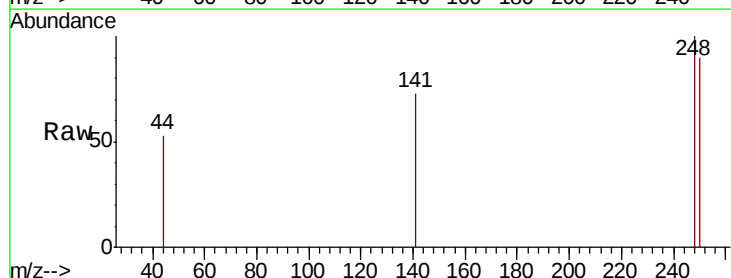
Instrument :
 BNA_F
 ClientSampleId :

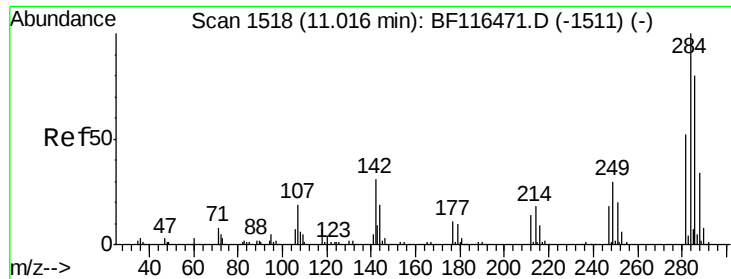
Tot Ion:169 Resp: 952
 Ion Ratio Lower Upper
 169 100
 168 60.6 53.8 80.8
 167 46.5 29.3 43.9#



#67
 4-Bromophenyl-phenylether
 Concen: 34.532 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:248 Resp: 352
 Ion Ratio Lower Upper
 248 100
 250 90.3 76.6 115.0
 141 73.0 60.8 91.2





#68

Hexachlorobenzene

Concen: 32.162 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

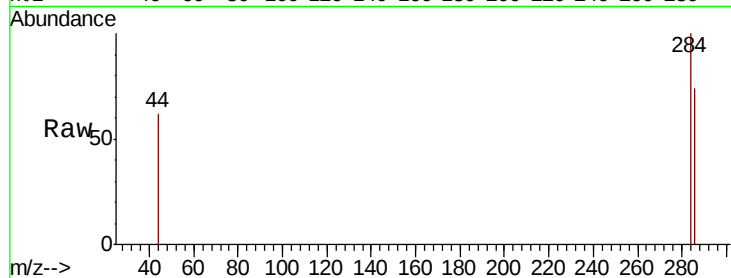
Tot Ion:284 Resp: 365

Ion Ratio Lower Upper

284 100

142 0.0 27.8 41.8#

249 0.0 24.2 36.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

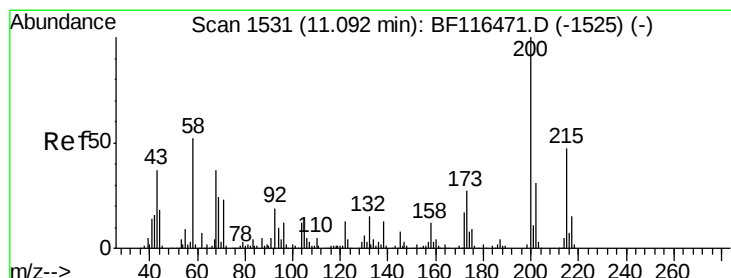
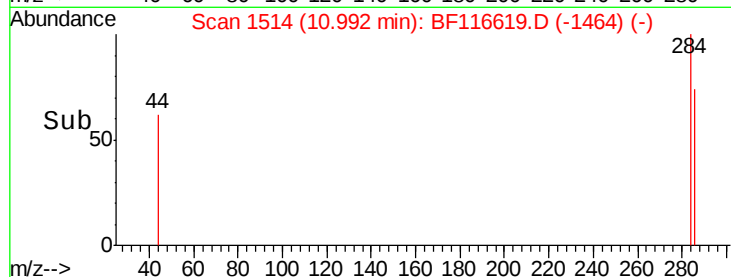
10.99

400

200

0

Time--> 10.96 10.98 11.00



#69

Atrazine

Concen: 5011.259 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.10 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

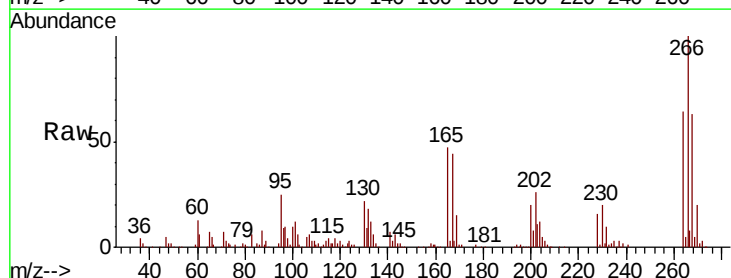
Tgt Ion:200 Resp: 45139

Ion Ratio Lower Upper

200 100

173 0.0 6.8 46.8#

215 0.0 28.5 68.5#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

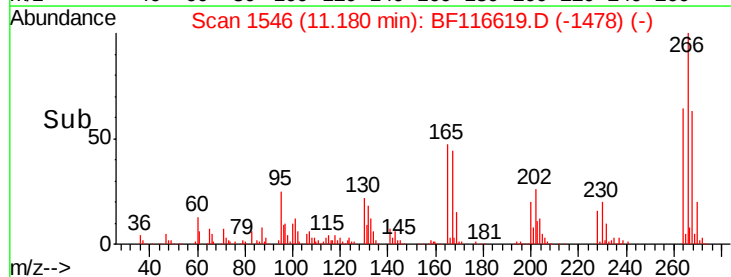
11.18

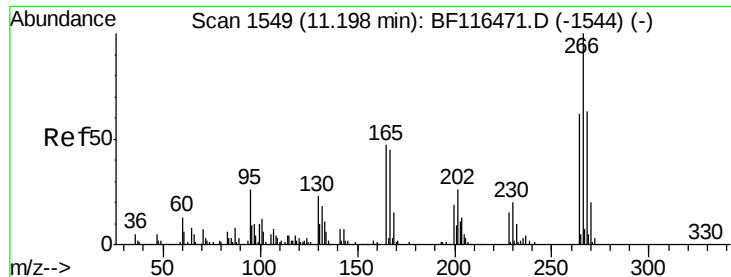
40000

20000

0

Time--> 11.15 11.20 11.25

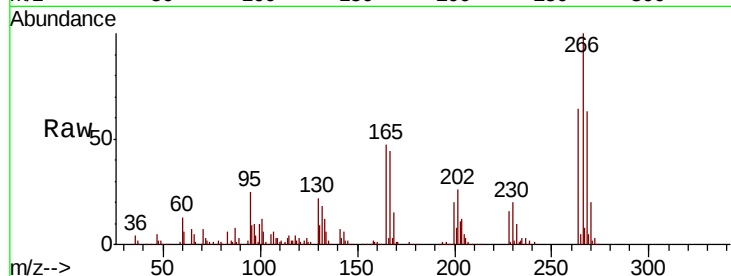




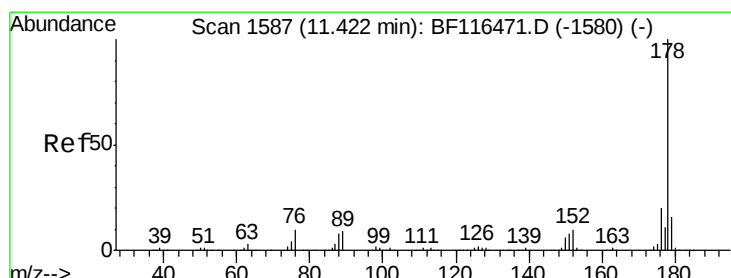
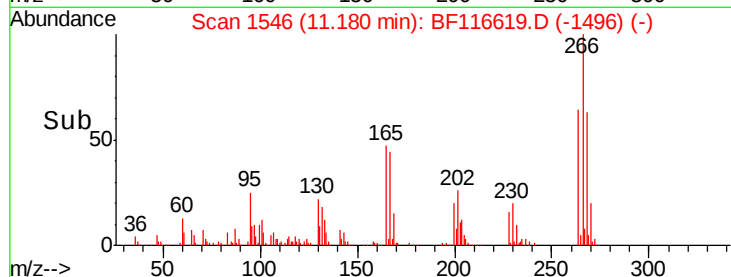
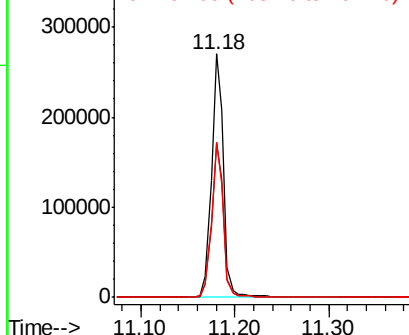
#70
 Pentachlorophenol
 Concen: 35151.983 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.8	74.8
264	63.7	49.9	74.9

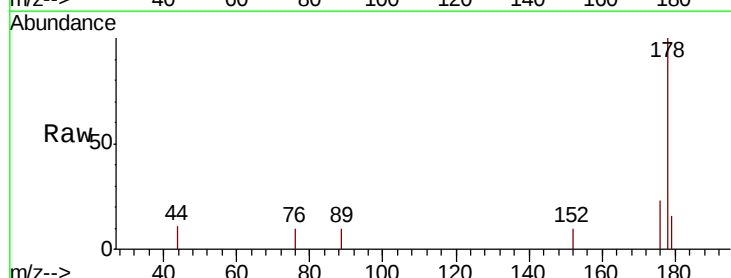


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

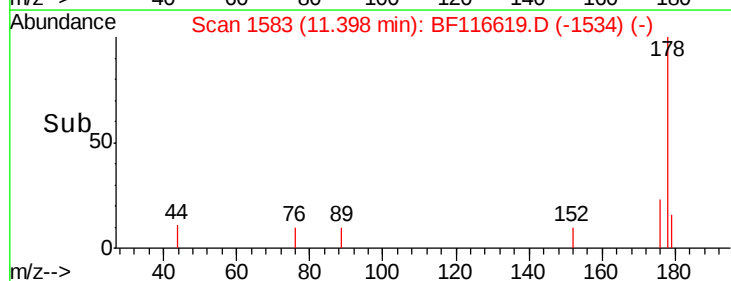
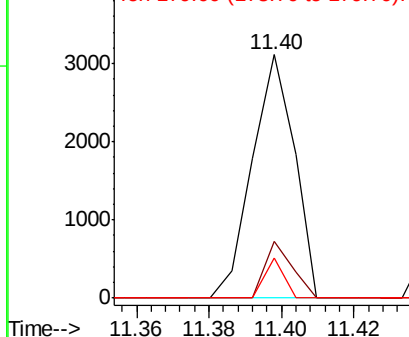


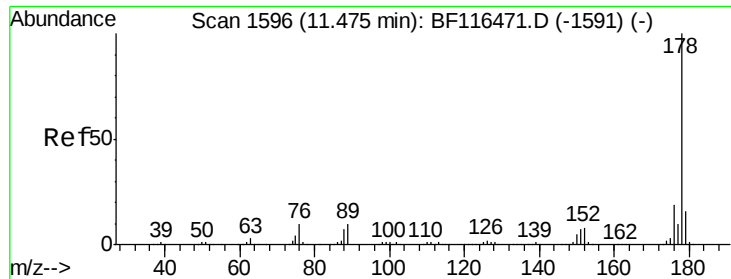
#71
 Phenanthrene
 Concen: 48.530 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.5	23.3#
179	16.2	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

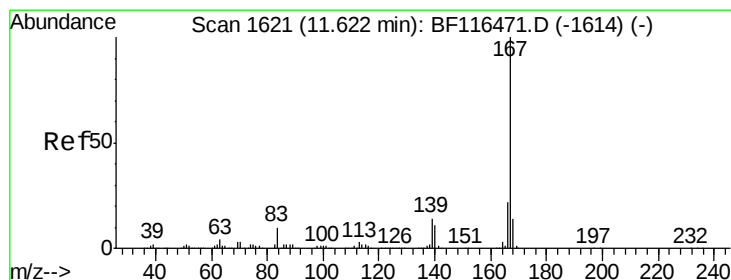
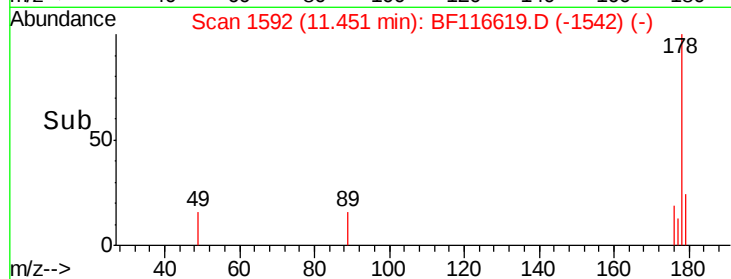
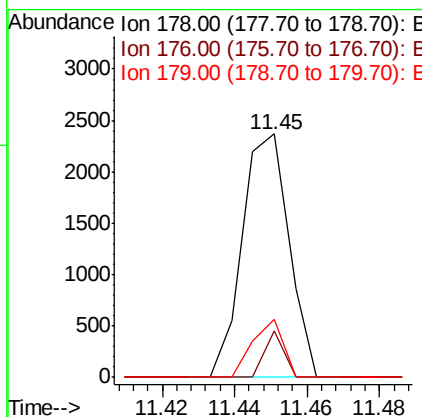
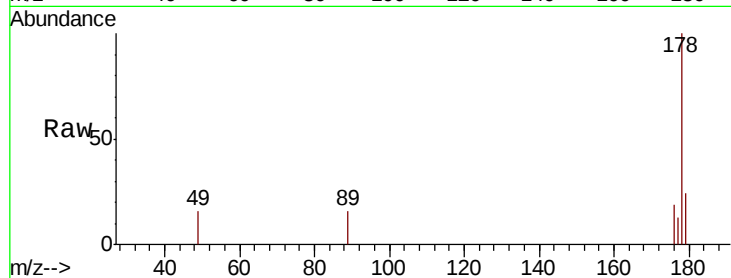




#72
 Anthracene
 Concen: 40.824 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

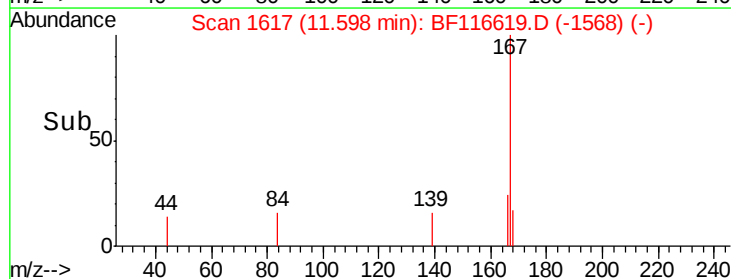
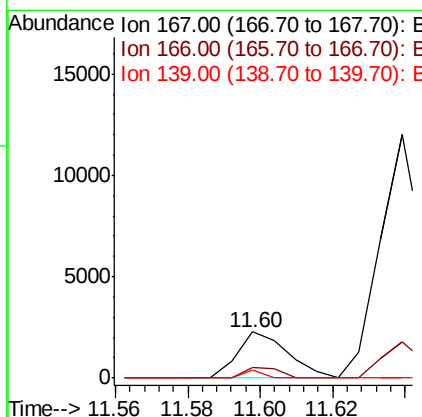
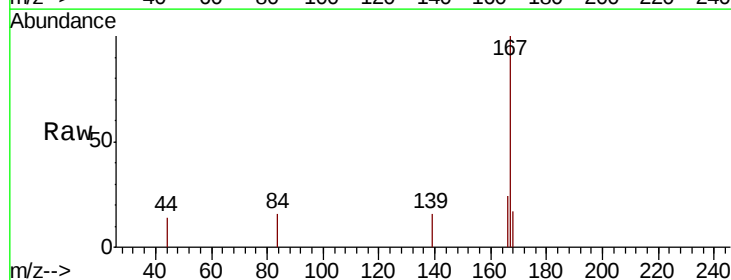
Instrument :
 BNA_F
 ClientSampleId :

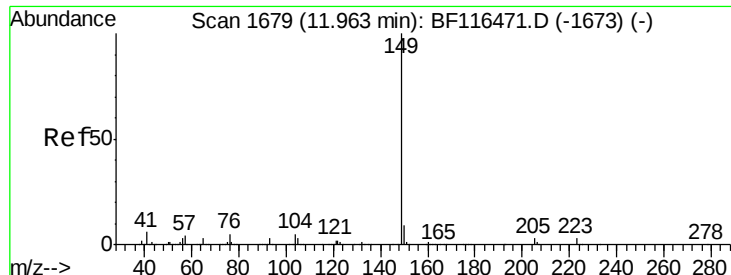
Tot Ion:178 Resp: 2107
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 23.8 12.7 19.1#



#73
 Carbazole
 Concen: 49.879 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:167 Resp: 2191
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.9 26.9
 139 16.4 10.3 15.5#





#74

Di-n-butylphthalate

Concen: 60.859 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

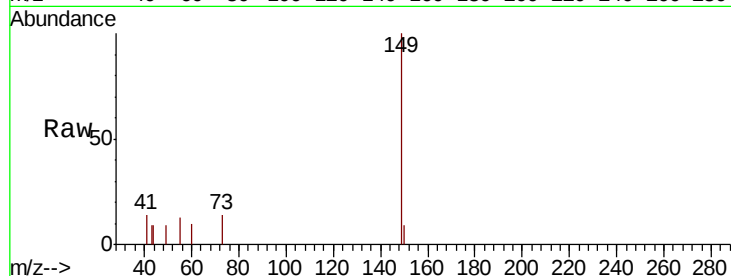
Tot Ion:149 Resp: 3098

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

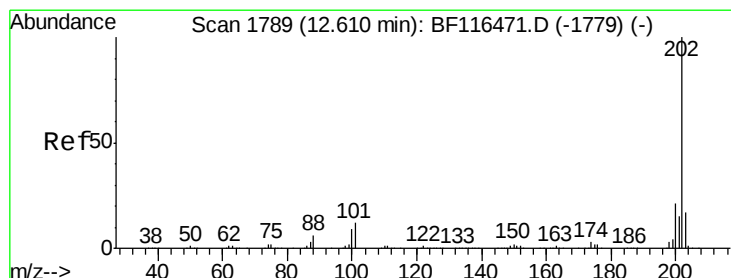
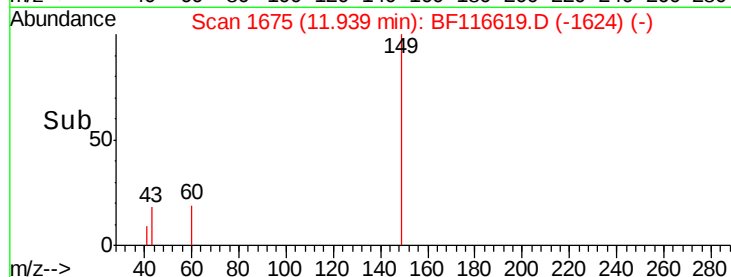
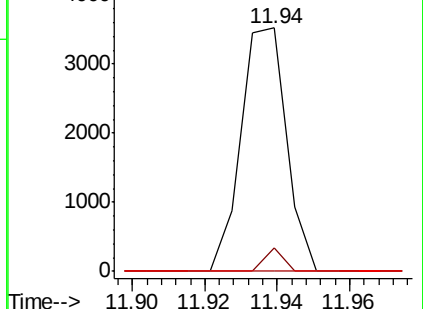
104 0.0 4.2 6.4#



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: 64.524 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

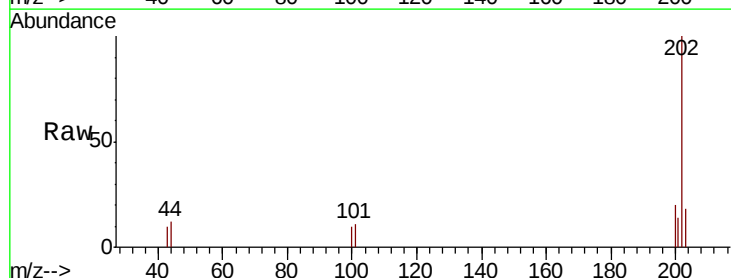
Tgt Ion:202 Resp: 2987

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.8

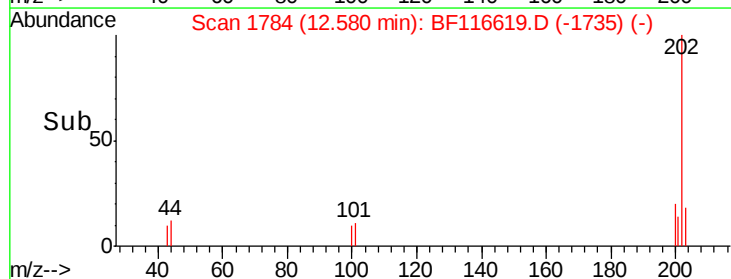
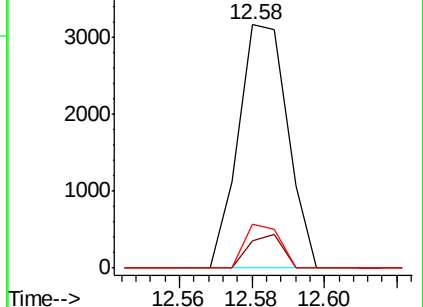
203 18.0 0.0 37.1

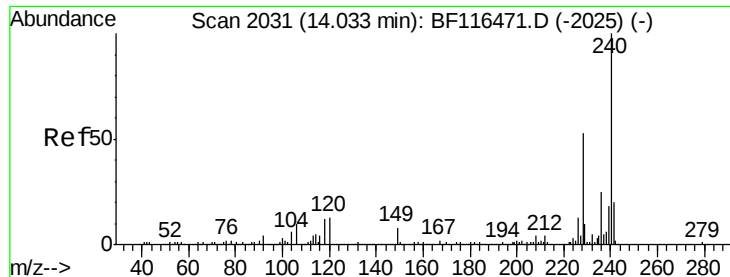


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

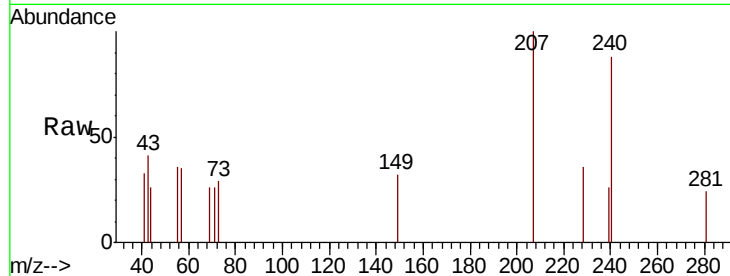




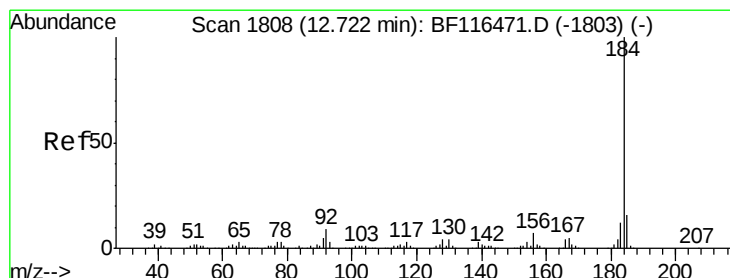
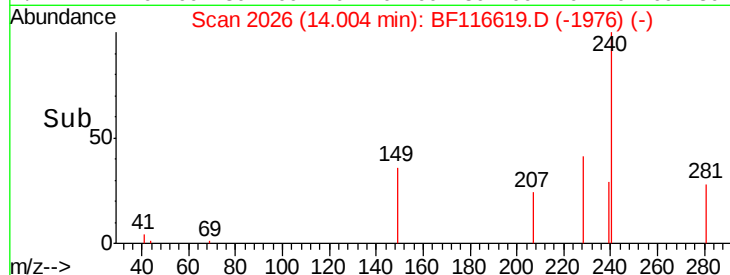
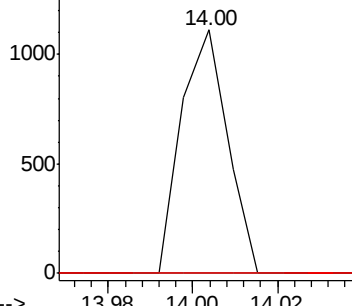
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 844
 Ion Ratio Lower Upper
 240 100
 120 0.0 11.3 16.9#
 236 0.0 21.4 32.2#

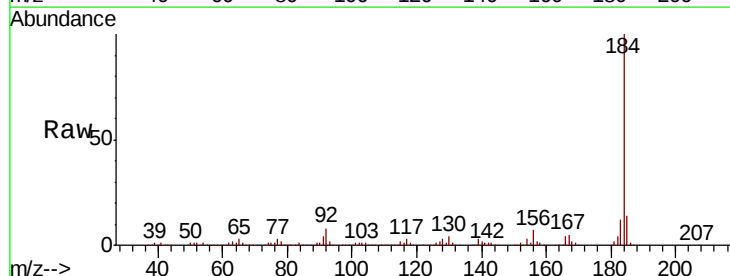


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

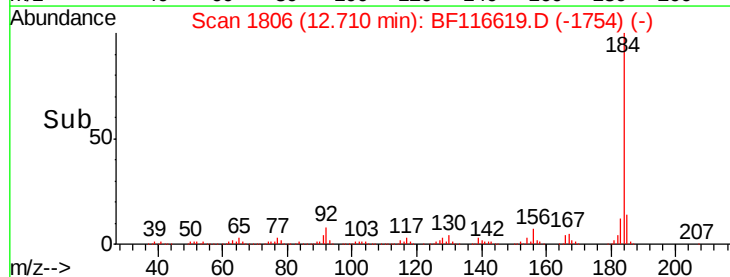
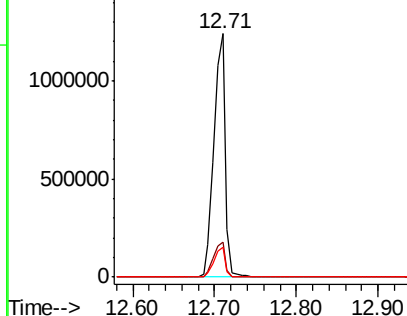


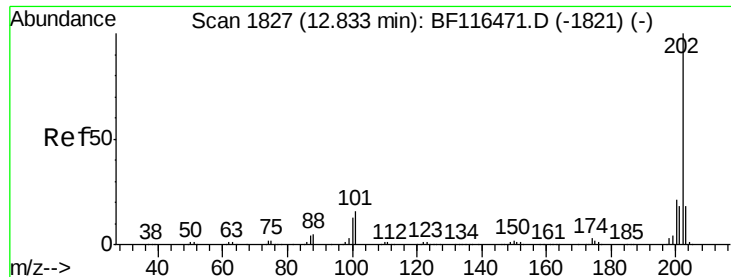
#77
 Benzidine
 Concen: 39459.054 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:184 Resp: 1204772
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.5 17.3
 183 12.3 9.3 13.9



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

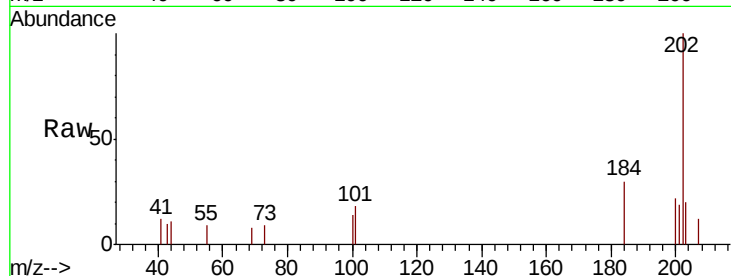




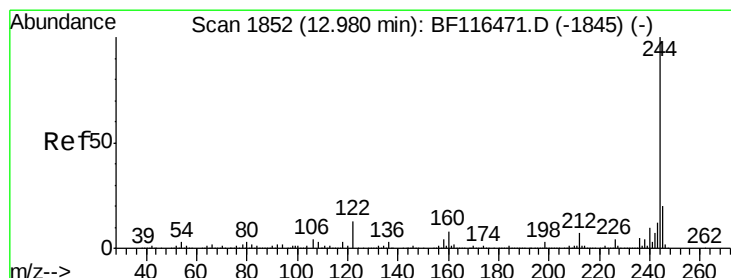
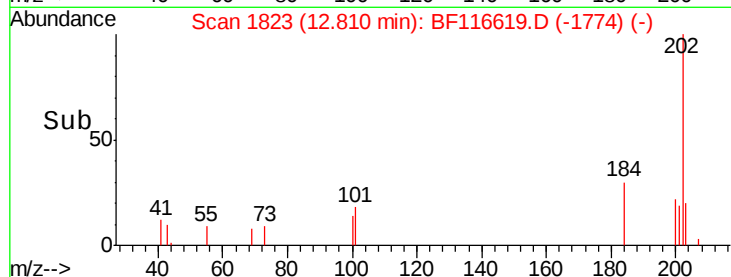
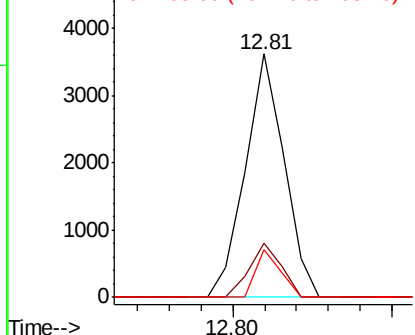
#78
Pvrene
Concen: 39.789 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 3088
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.0
203 19.7 14.2 21.4

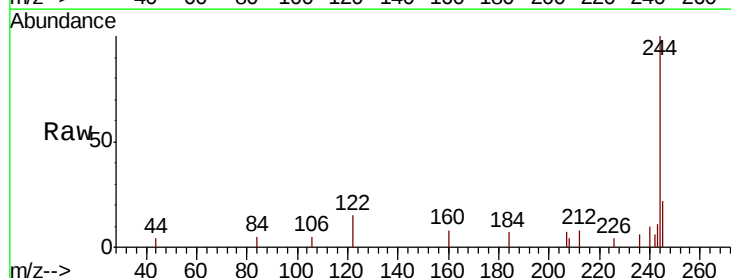


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

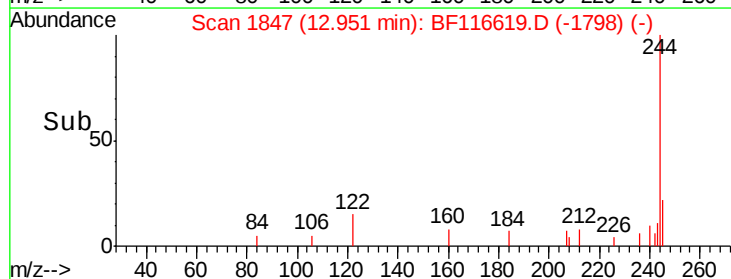
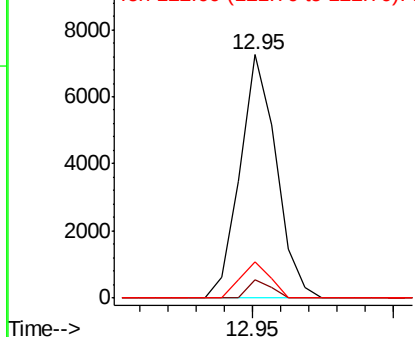


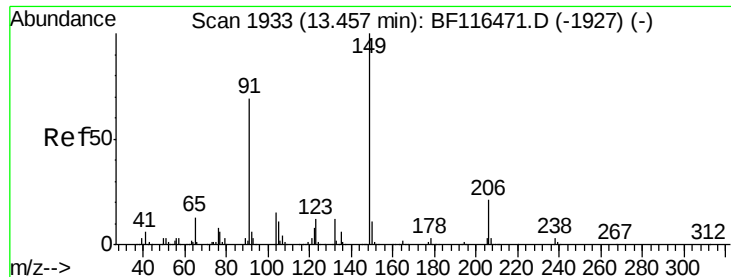
#79
Terphenyl-d14
Concen: 124.616 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:244 Resp: 6467
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 14.9 10.0 15.0



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: 32.957 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF116619.D

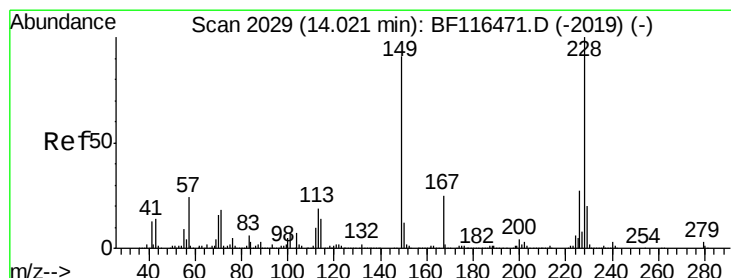
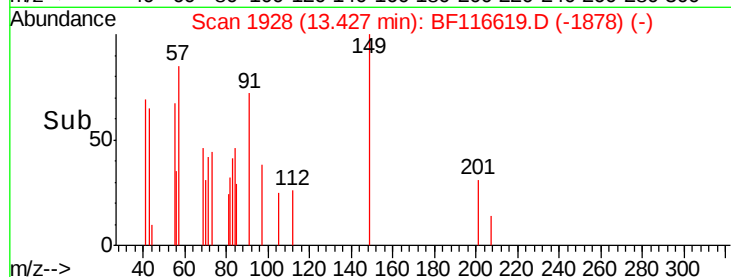
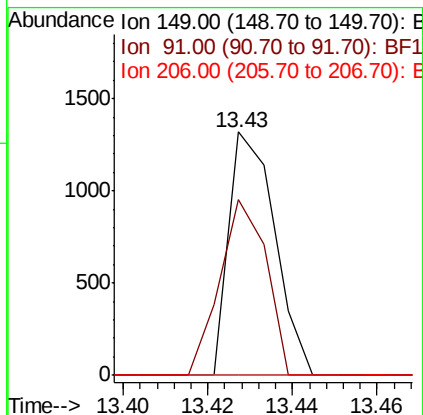
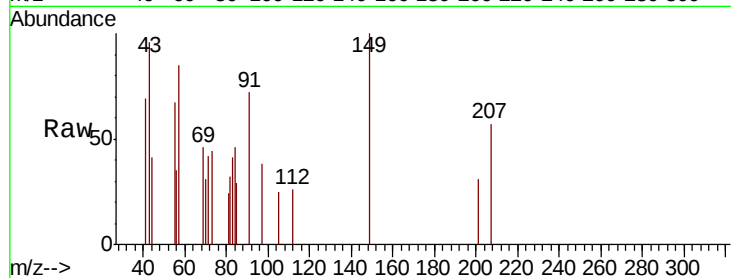
Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	991
Ion	Ratio	Lower	Upper
149	100		
91	72.1	57.9	86.9
206	0.0	16.2	24.4



#81

Benzo(a)anthracene

Concen: 37.818 ng

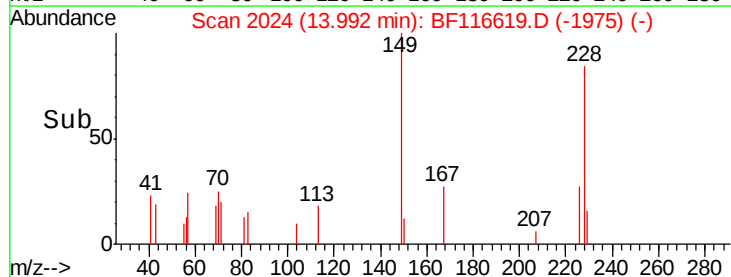
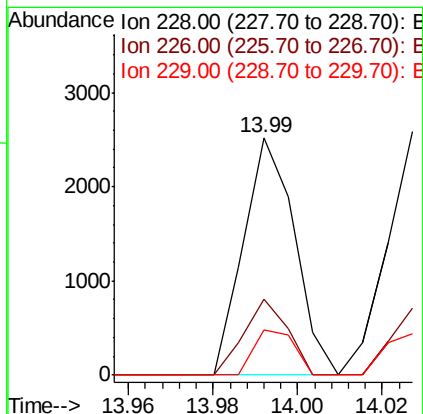
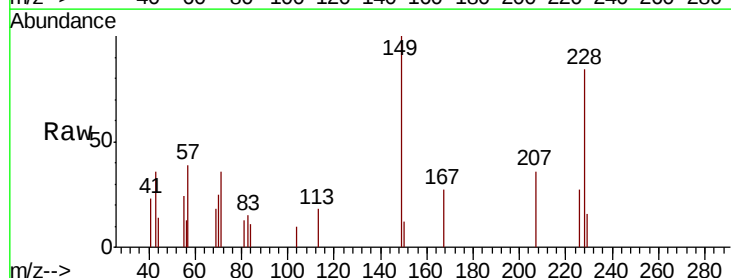
RT: 13.99 min Scan# 2024

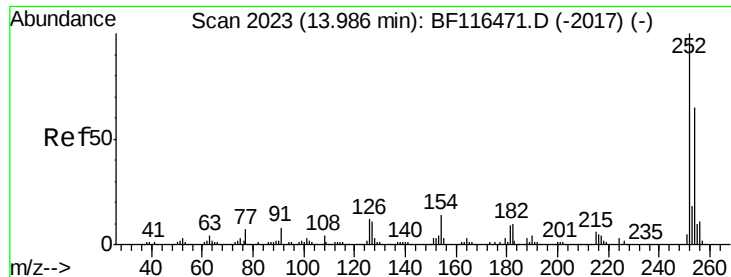
Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Tgt Ion:	228	Resp:	2128
Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.5	32.3
229	19.1	15.4	23.0

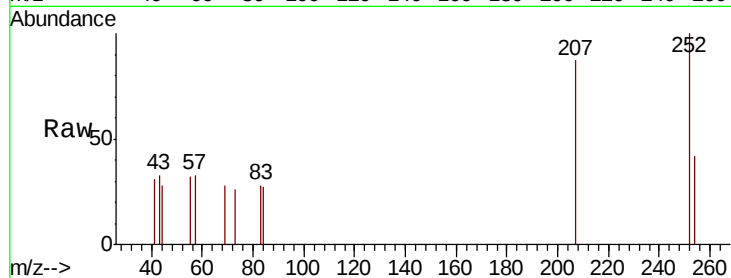




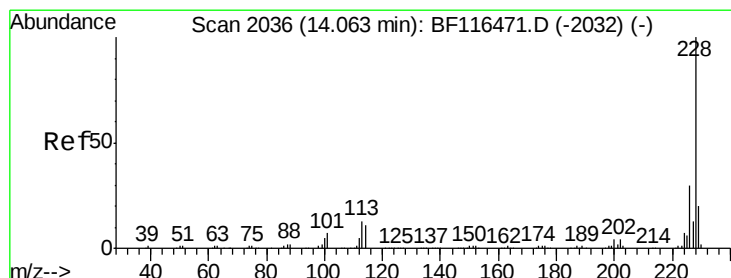
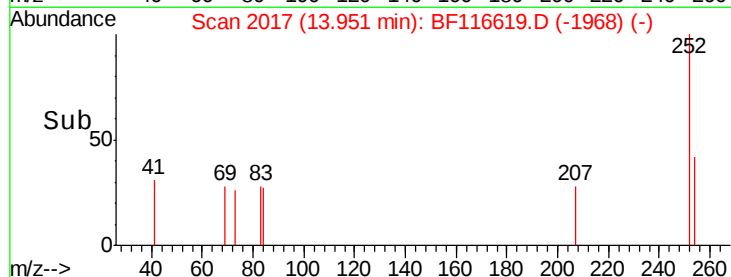
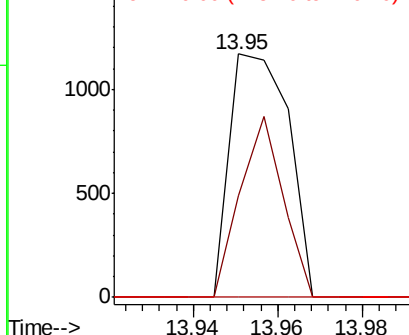
#82
 3,3'-Dichlorobenzidine
 Concen: 61.985 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1135
 Ion Ratio Lower Upper
 252 100
 254 42.0 51.9 77.9#
 126 0.0 8.7 13.1#

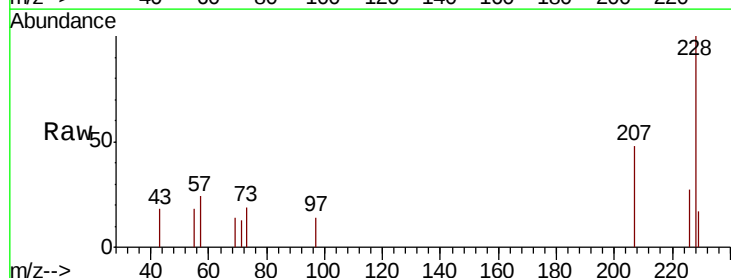


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

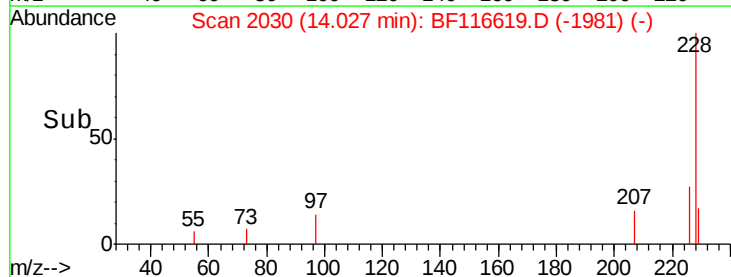
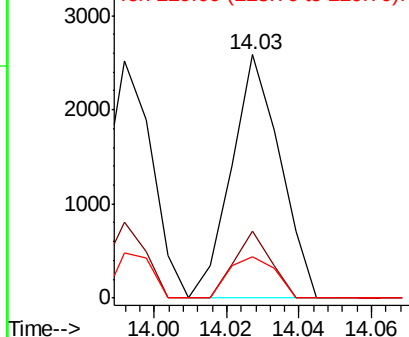


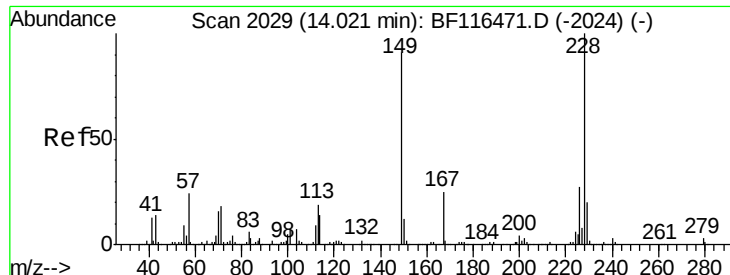
#83
 Chrysene
 Concen: 43.749 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:228 Resp: 2410
 Ion Ratio Lower Upper
 228 100
 226 27.4 24.0 36.0
 229 17.1 15.8 23.8



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

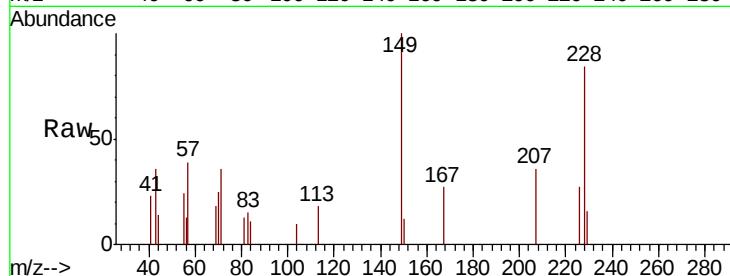




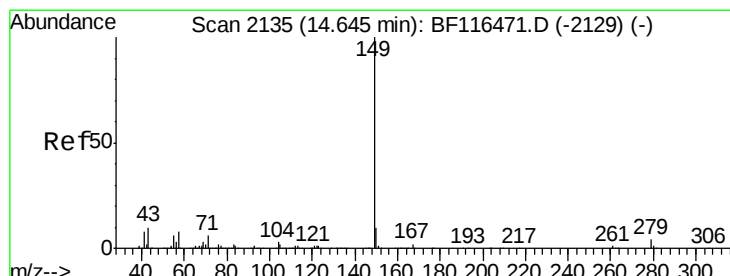
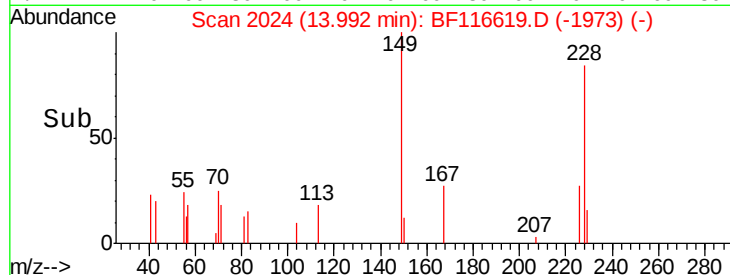
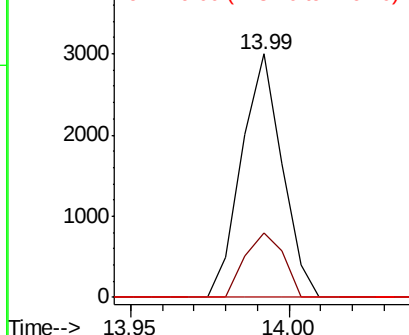
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 75.577 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	2665
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	0.0	2.7	4.1#

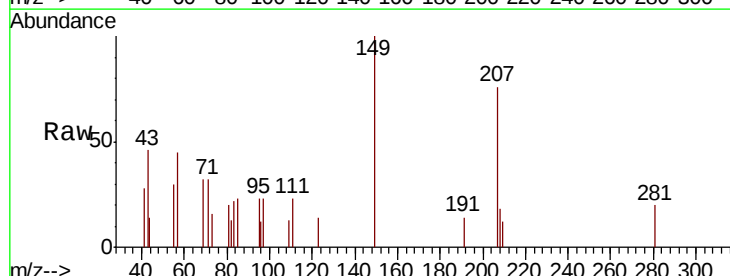


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

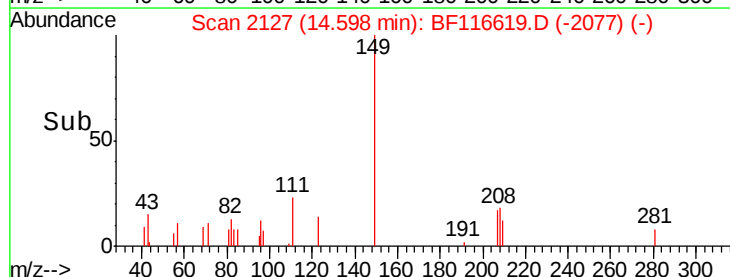
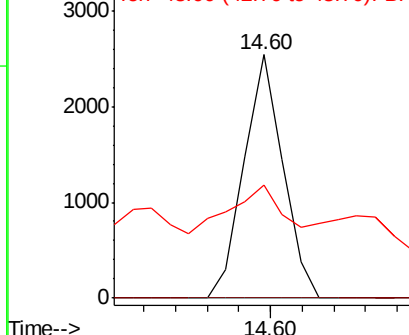


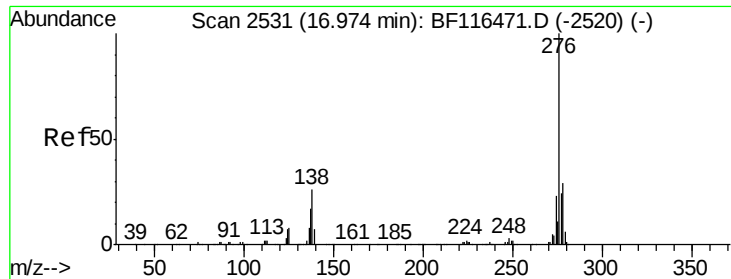
#85
 Di-n-octyl phthalate
 Concen: 42.036 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BF116619.D
 Acq: 28 Aug 2019 17:15

Tgt Ion:	149	Resp:	2162
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





#86

Indeno(1,2,3-cd)pyrene

Concen: 38.827 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

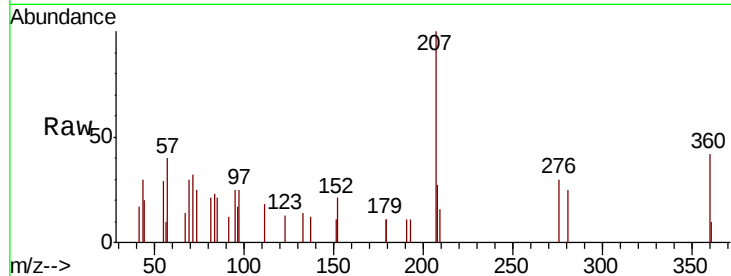
Tot Ion:276 Resp: 1787

Ion Ratio Lower Upper

276 100

138 7.3 21.5 32.3#

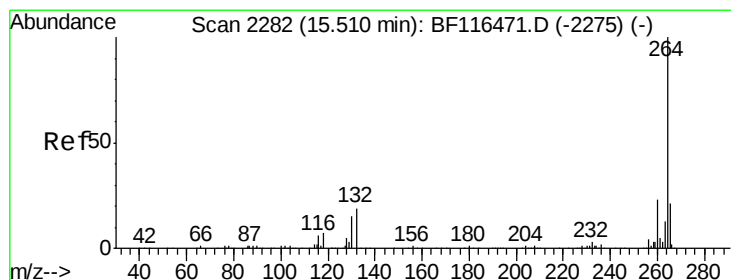
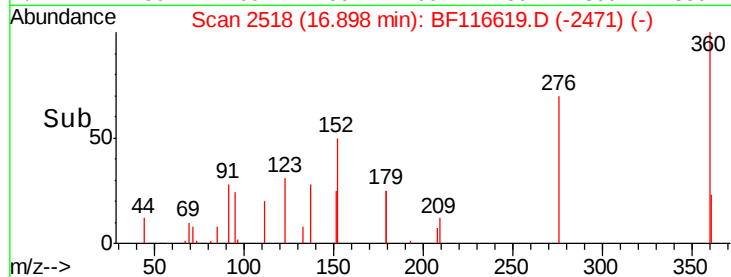
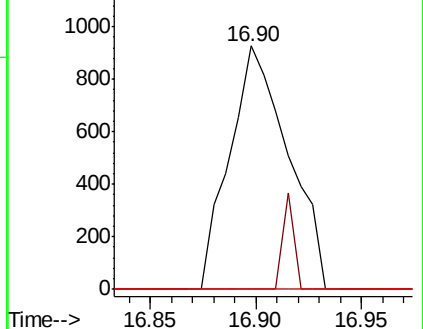
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

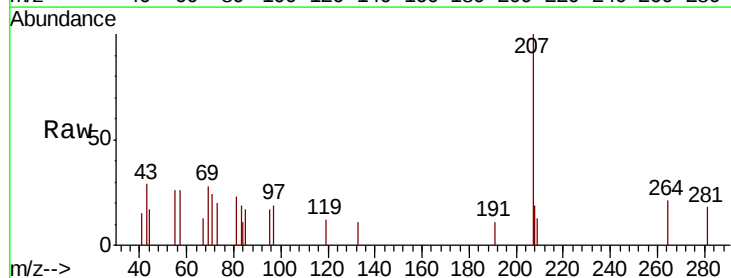
Tgt Ion:264 Resp: 663

Ion Ratio Lower Upper

264 100

260 0.0 20.0 30.0#

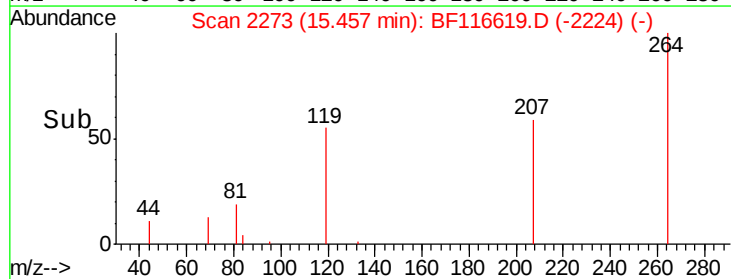
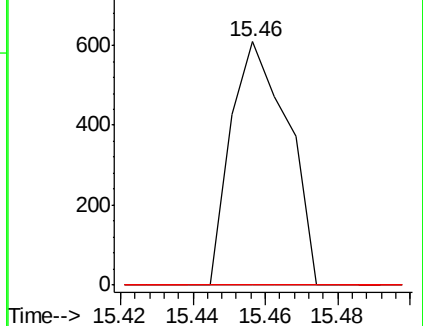
265 0.0 17.6 26.4#

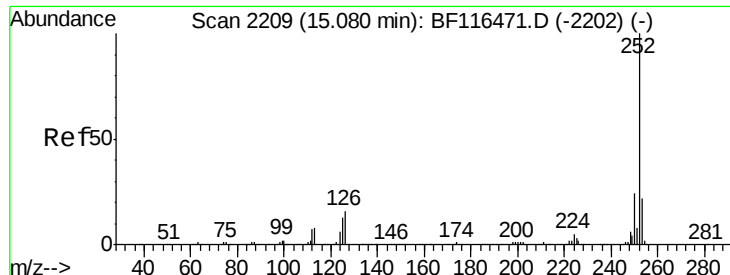


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

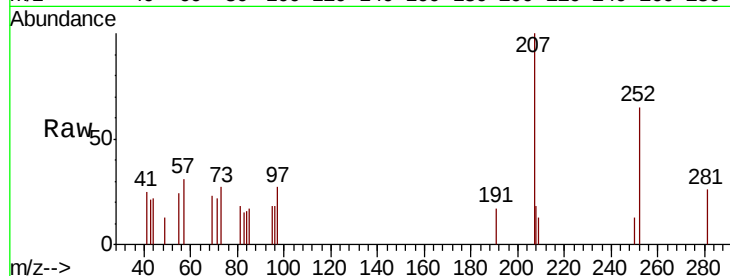




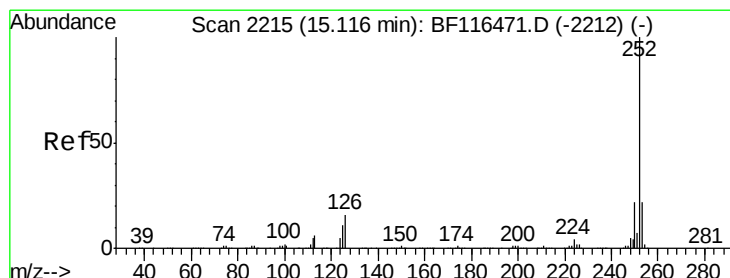
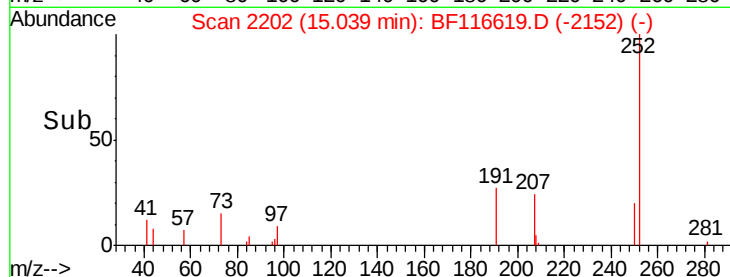
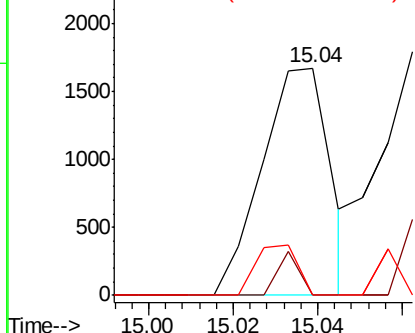
#88
Benzo(b)fluoranthene
Concen: 46.052 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1875
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 9.0 13.6#

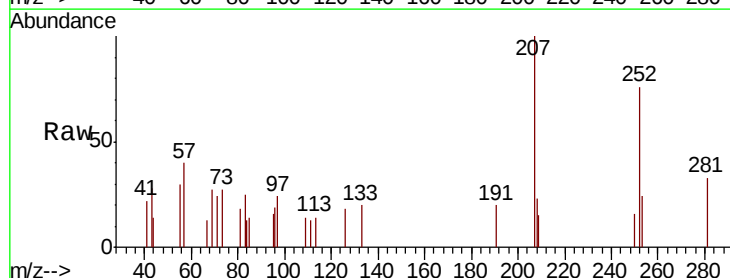


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

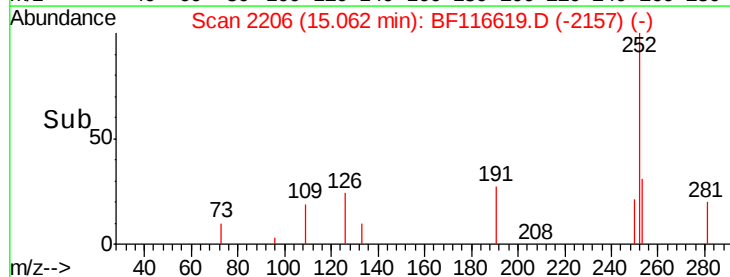
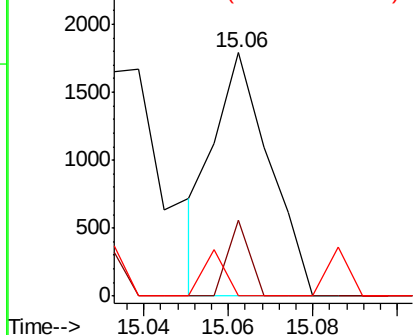


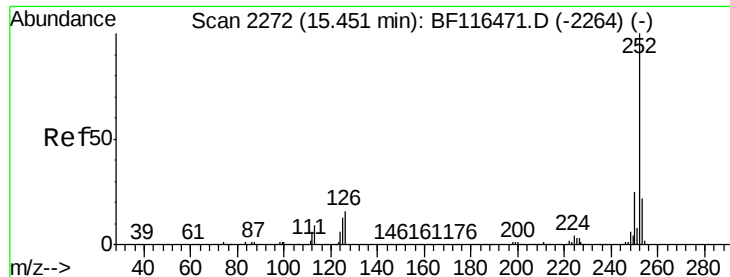
#89
Benzo(k)fluoranthene
Concen: 42.195 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116619.D
Acq: 28 Aug 2019 17:15

Tgt Ion:252 Resp: 1633
Ion Ratio Lower Upper
252 100
253 31.4 17.2 25.8#
125 0.0 8.6 13.0#



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





#90

Benzo(a)pyrene

Concen: 38.885 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

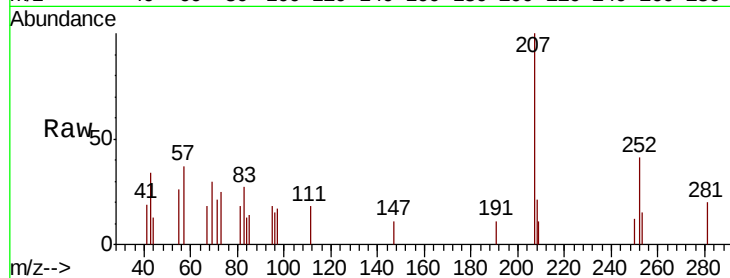
Tot Ion:252 Resp: 1413

Ion Ratio Lower Upper

252 100

253 36.9 17.4 26.0#

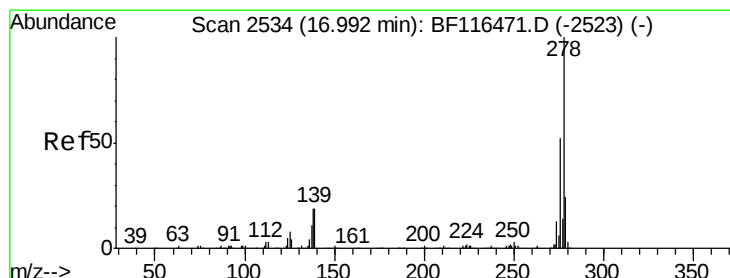
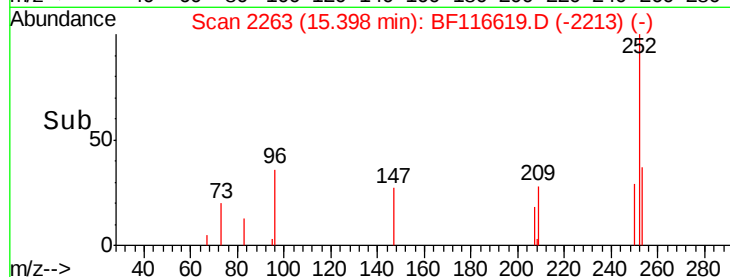
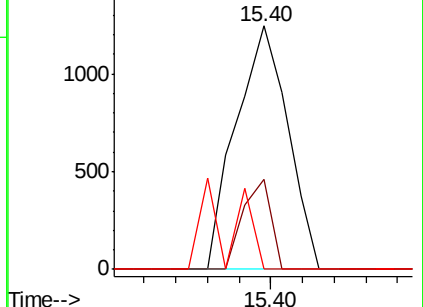
125 0.0 10.6 16.0#



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



#91

Dibenzo(a,h)anthracene

Concen: 37.958 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.02 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

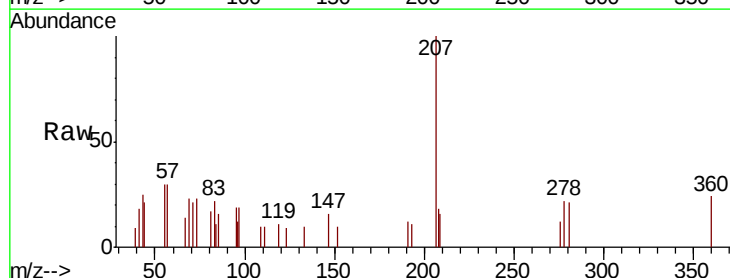
Tgt Ion:278 Resp: 1287

Ion Ratio Lower Upper

278 100

139 0.0 14.1 21.1#

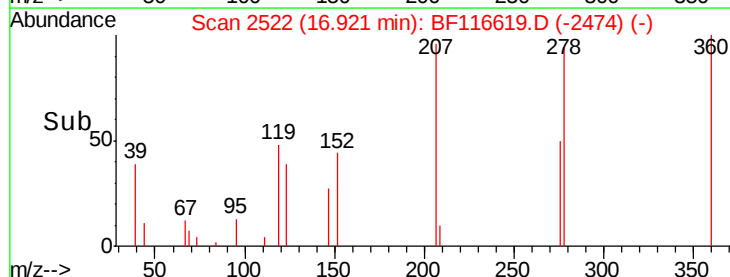
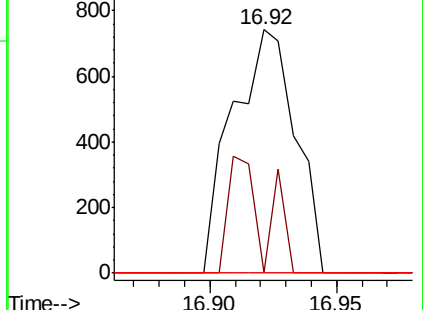
279 0.0 19.5 29.3#

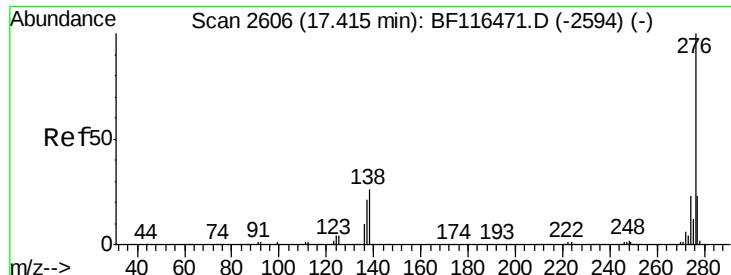


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 41.241 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF116619.D

Acq: 28 Aug 2019 17:15

Instrument :

BNA_F

ClientSampleId :

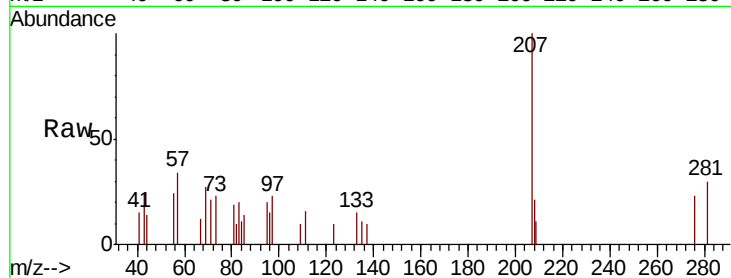
Tot Ion: 276 Resp: 1454

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 18.2 27.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

