

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116478.D
 Acq On : 23 Aug 2019 15:12
 Operator : HP/JU
 Sample : K4418-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

Quant Time: Aug 23 16:25:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111946	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	445596	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	214063	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	268950	20.00	ng	0.00
76) Chrysene-d12	14.03	240	192136	20.00	ng	0.00
87) Perylene-d12	15.50	264	190006	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	93645	12.22	ng	0.00
7) Phenol-d6	6.49	99	81452	8.67	ng	-0.01
23) Nitrobenzene-d5	7.43	82	314234	38.58	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	58395	31.77	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	584192	43.95	ng	0.00
79) Terphenyl-d14	12.98	244	401906	39.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	107	0.032	ng	# 1
3) Pyridine	3.49	79	131	0.013	ng	# 28
4) n-Nitrosodimethylamine	3.38	42	118	0.032	ng	# 1
6) Aniline	6.54	93	1745	0.137	ng	# 86
9) Benzaldehyde	6.42	77	3385	0.539	ng	# 1
10) Phenol	6.51	94	37999	3.725	ng	# 96
11) bis(2-Chloroethyl)ether	6.60	93	2288	0.295	ng	# 80
15) Benzyl Alcohol	7.01	79	3803	0.500	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2935	0.273	ng	# 65
17) 2-Methylphenol	7.27	107	84552	12.693	ng	# 69
18) Hexachloroethane	7.42	117	2440	0.747	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	1607	0.251	ng	# 62
20) 3+4-Methylphenols	7.27	107	84552	10.361	ng	# 69
22) Acetophenone	7.28	105	6597	0.592	ng	# 82
24) Nitrobenzene	7.42	77	3717	0.441	ng	# 30
25) Isophorone	7.43	82	313983	19.562	ng	# 67
27) 2,4-Dimethylphenol	7.87	122	16124	2.508	ng	# 3
28) bis(2-Chloroethoxy)methane	7.92	93	776	0.078	ng	# 1
29) 2,4-Dichlorophenol	8.12	162	125	0.020	ng	# 1
31) Naphthalene	8.19	128	42125	1.954	ng	# 99
32) Benzoic acid	7.87	122	16124	3.923	ng	# 99
33) 4-Chloroaniline	8.22	127	1363	0.144	ng	# 40
35) Caprolactam	8.59	113	1351	0.634	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	1667	0.242	ng	# 66
37) 2-Methylnaphthalene	8.87	142	15880	1.073	ng	# 95
38) 1-Methylnaphthalene	8.97	142	15050	1.089	ng	# 89
46) 1,1'-Biphenyl	9.33	154	6454	0.377	ng	# 71
47) 2-Chloronaphthalene	9.50	162	152	0.011	ng	# 1
48) 2-Nitroaniline	9.58	65	1536	0.378	ng	# 95
49) Acenaphthylene	9.77	152	16503	0.850	ng	# 97
50) Dimethylphthalate	9.63	163	232165	15.545	ng	# 99
51) 2,6-Dinitrotoluene	9.67	165	2466	0.807	ng	# 48
52) Acenaphthene	9.95	154	12434	0.998	ng	# 96
53) 3-Nitroaniline	9.84	138	112	0.031	ng	# 1

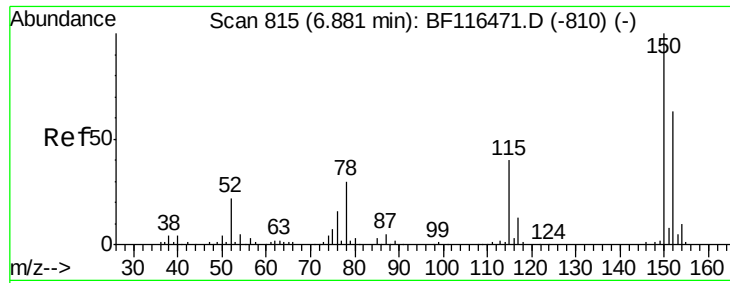
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
54) 2,4-Dinitrophenol	10.19	184	11295	16.864	nq	#	1
55) Dibenzofuran	10.12	168	7292	0.420	nq	#	81
56) 4-Nitrophenol	10.00	139	1826	0.645	nq	#	69
57) 2,4-Dinitrotoluene	10.19	165	1374	0.353	nq	#	64
58) Fluorene	10.46	166	18172	1.347	nq	#	98
60) Diethylphthalate	10.33	149	4856	0.331	nq	#	77
61) 4-Chlorophenyl-phenylether	10.62	204	114	0.017	nq	#	1
62) 4-Nitroaniline	10.72	138	966	0.271	nq		89
63) Azobenzene	10.62	77	2214	0.147	nq	#	1
65) 4,6-Dinitro-2-methylphenol	10.70	198	130	7.106	nq	#	1
66) n-Nitrosodiphenylamine	10.57	169	4312	0.495	nq	#	82
67) 4-Bromophenyl-phenylether	10.70	248	4430	1.571	nq	#	1
69) Atrazine	11.07	200	995	0.381	nq	#	33
71) Phenanthrene	11.42	178	64686	4.415	nq		99
72) Anthracene	11.47	178	19120	1.299	nq		97
73) Carbazole	11.62	167	3490	0.264	nq	#	69
74) Di-n-butylphthalate	11.96	149	14117	0.862	nq	#	91
75) Fluoranthene	12.60	202	55598	3.670	nq		95
77) Benzidine	12.73	184	2244	0.290	nq	#	1
78) Pyrene	12.83	202	69157	4.501	nq		98
80) Butylbenzylphthalate	13.46	149	774	0.117	nq	#	38
81) Benzo(a)anthracene	14.02	228	31072	2.497	nq	#	80
82) 3,3'-Dichlorobenzidine	13.98	252	760	0.171	nq	#	64
83) Chrysene	14.06	228	30142	2.390	nq	#	94
84) Bis(2-ethylhexyl)phthalate	14.02	149	16346	1.847	nq	#	94
85) Di-n-octyl phthalate	14.64	149	2250	0.150	nq	#	1
86) Indeno(1,2,3-cd)pyrene	16.95	276	20968	1.941	nq		99
88) Benzo(b)fluoranthene	15.07	252	53211	4.533	nq	#	87
89) Benzo(k)fluoranthene	15.07	252	53211	5.004	nq	#	86
90) Benzo(a)pyrene	15.43	252	38293	3.691	nq	#	87
91) Dibenzo(a,h)anthracene	16.97	278	4793	0.562	nq	#	40
92) Benzo(g,h,i)perylene	17.39	276	21874	2.692	nq	#	86

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

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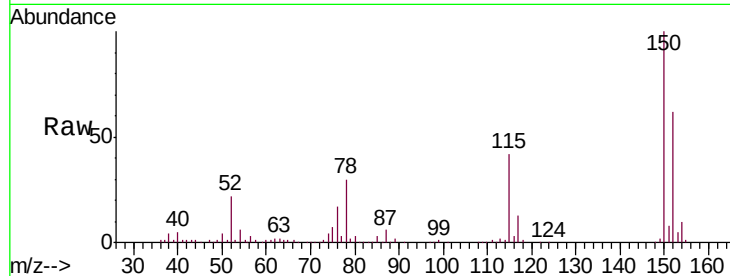
Tot Ion:152 Resp: 111946

Ion Ratio Lower Upper

152 100

150 161.5 126.7 190.1

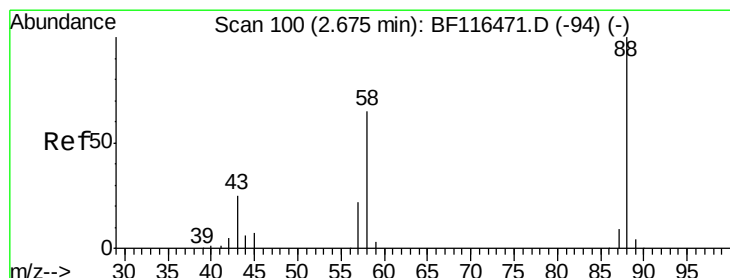
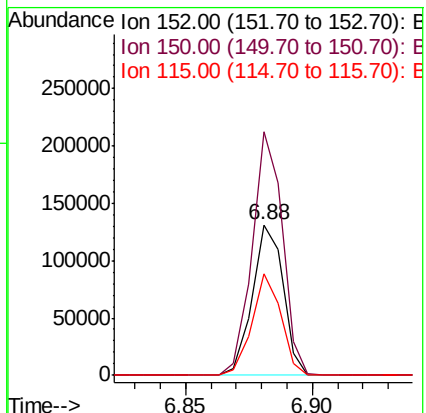
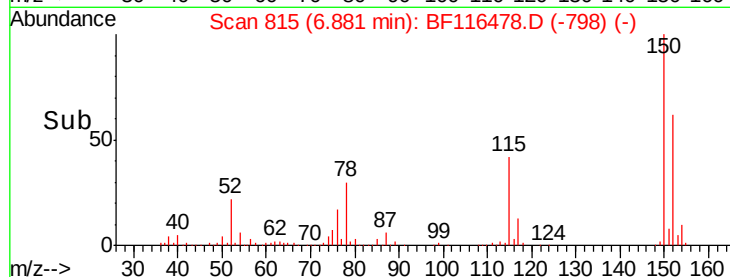
115 67.0 50.9 76.3



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



#2

1,4-Dioxane

Concen: 0.032 ng

RT: 2.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

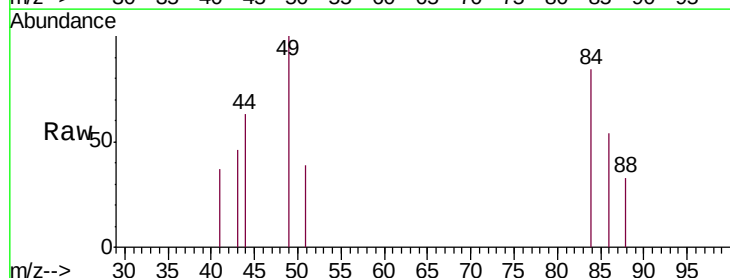
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

58 0.0 53.4 80.0#

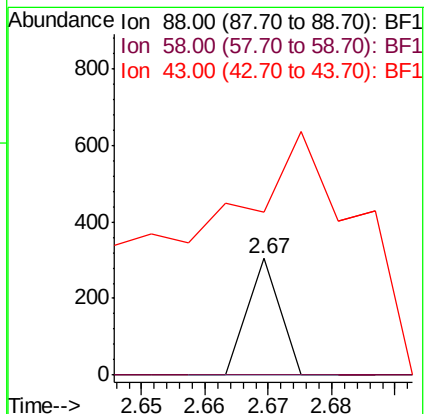
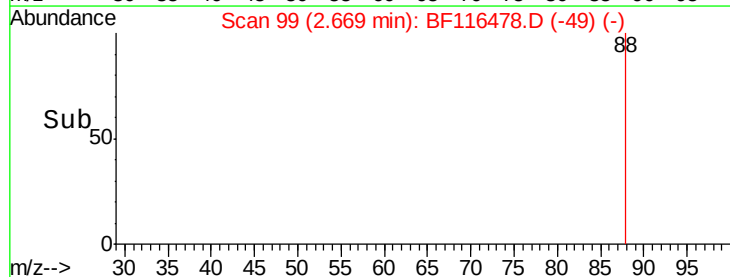
43 1242.1 21.2 31.8#

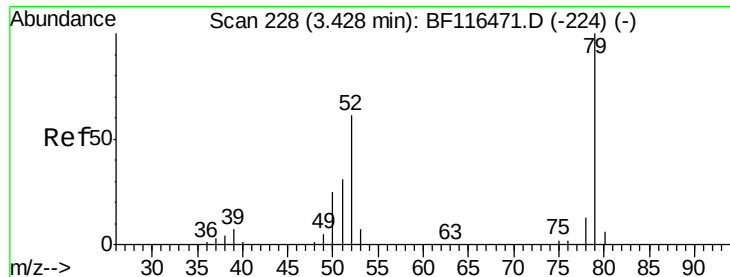


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.013 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

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ClientSampleId :

CFVP-228LRE

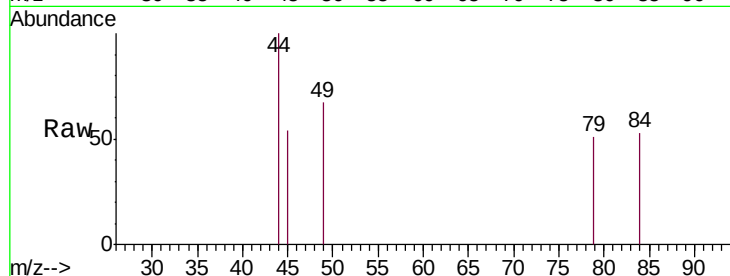
Tot Ion: 79 Resp: 131

Ion Ratio Lower Upper

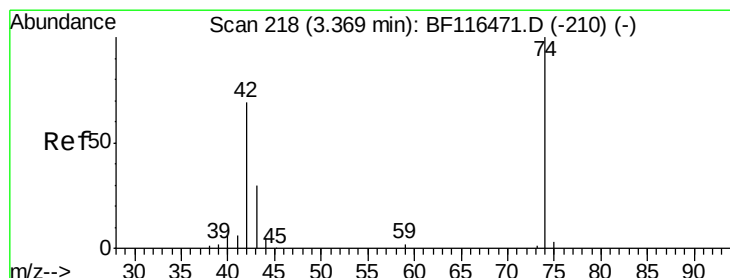
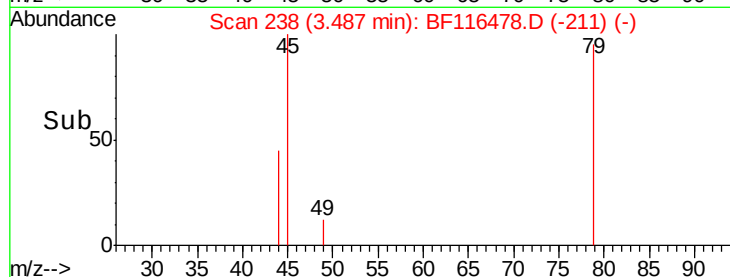
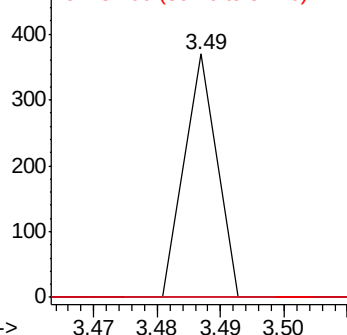
79 100

52 0.0 48.8 73.2#

51 0.0 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

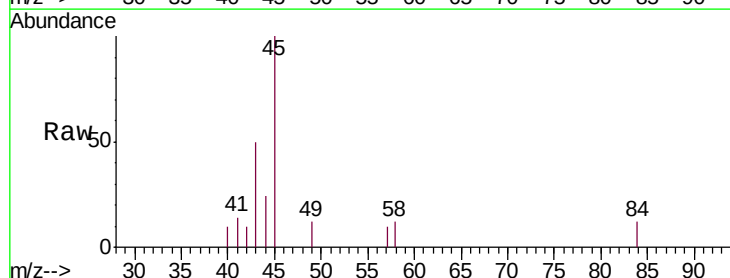
Tgt Ion: 42 Resp: 118

Ion Ratio Lower Upper

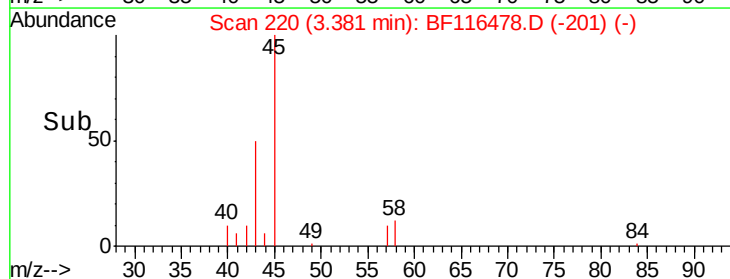
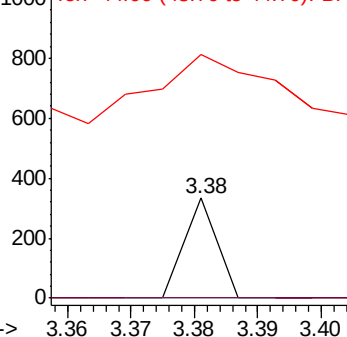
42 100

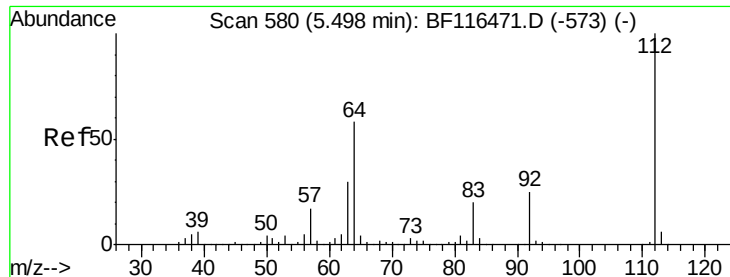
74 0.0 115.3 172.9#

44 243.8 5.8 8.8#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 12.223 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

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CFVP-228LRE

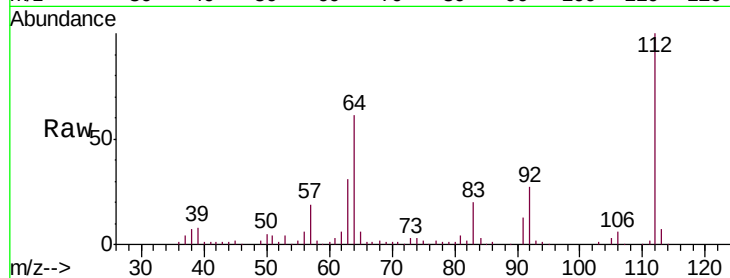
Tot Ion:112 Resp: 93645

Ion Ratio Lower Upper

112 100

64 61.0 46.3 69.5

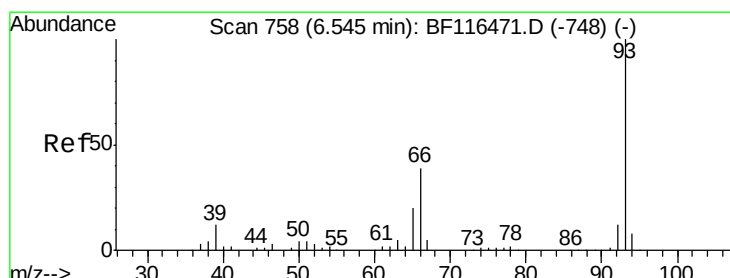
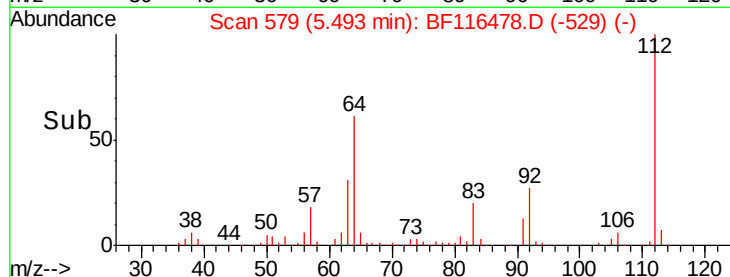
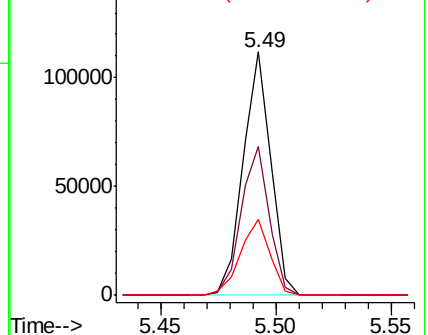
63 31.3 24.2 36.4



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: 0.137 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

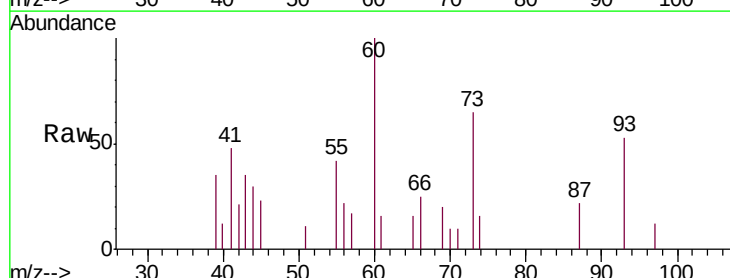
Tgt Ion: 93 Resp: 1745

Ion Ratio Lower Upper

93 100

66 47.0 32.2 48.2

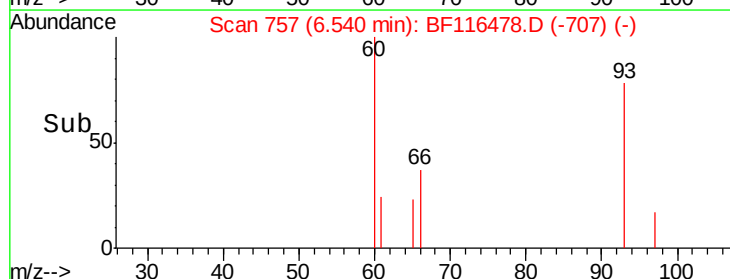
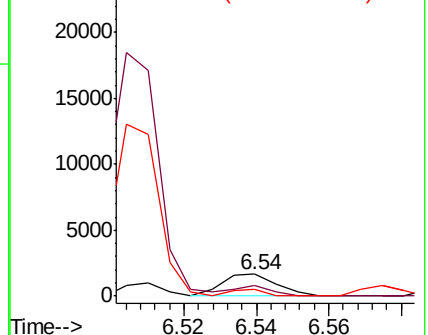
65 29.7 16.3 24.5#

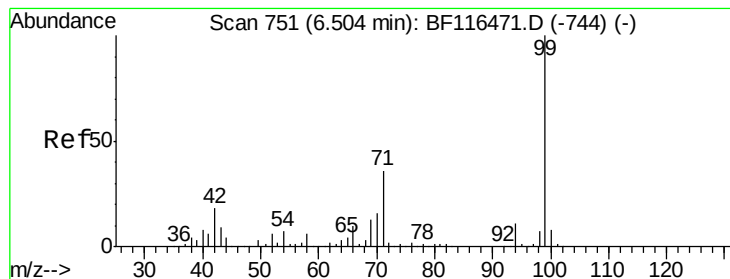


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 8.671 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

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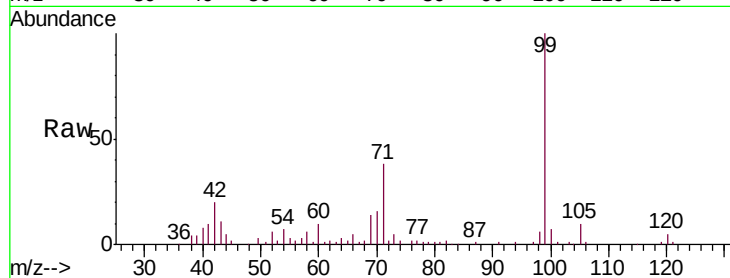
Tot Ion: 99 Resp: 81452

Ion Ratio Lower Upper

99 100

42 19.8 14.6 21.8

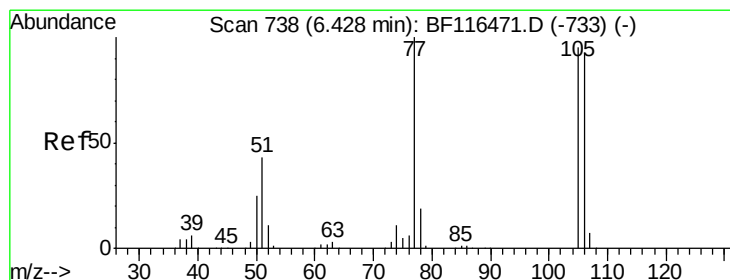
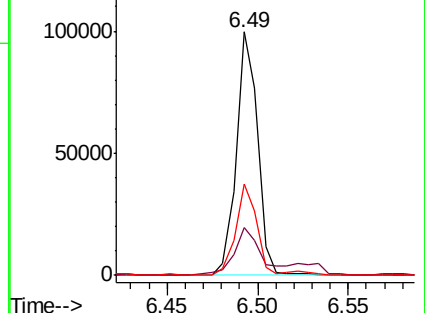
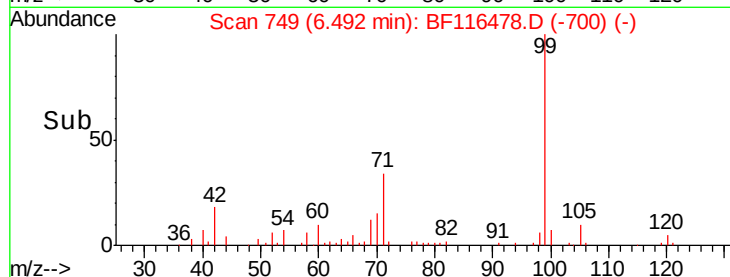
71 37.5 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.539 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

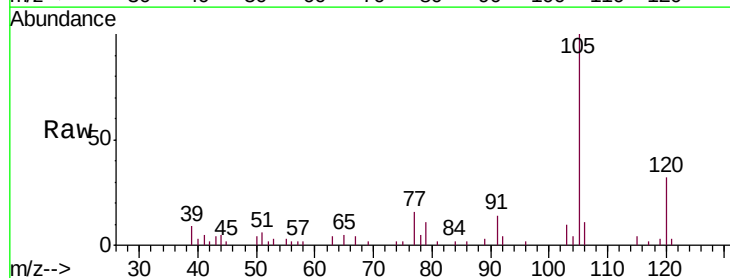
Tgt Ion: 77 Resp: 3385

Ion Ratio Lower Upper

77 100

105 619.6 75.5 115.5#

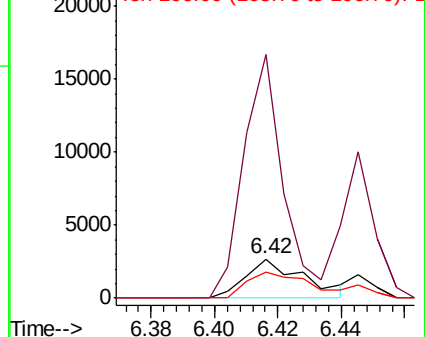
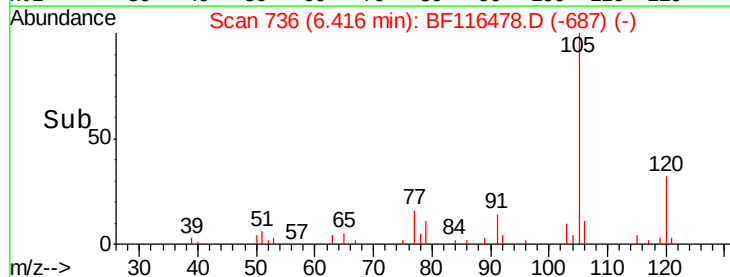
106 65.9 73.2 113.2#

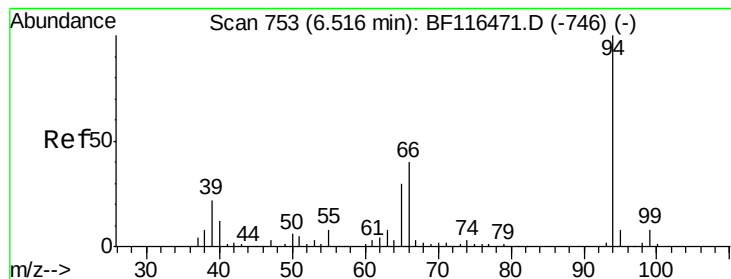


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.725 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

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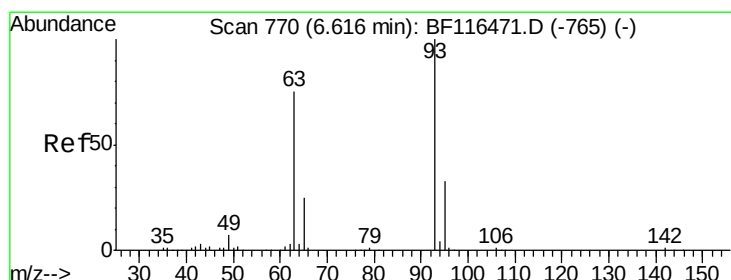
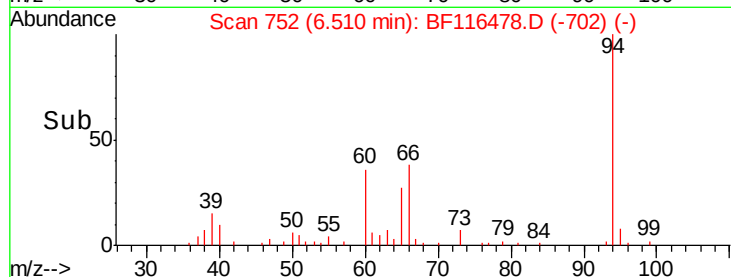
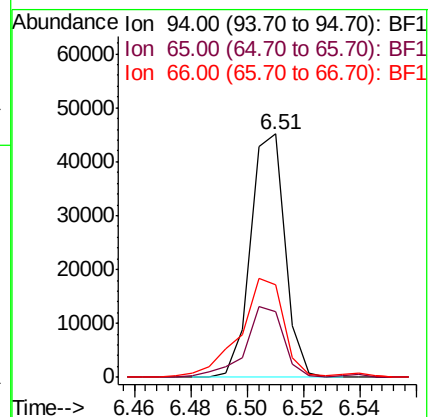
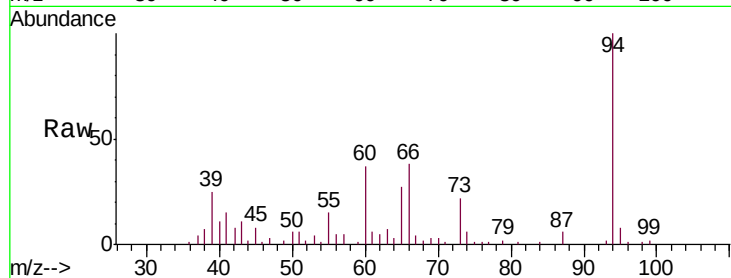
Tot Ion: 94 Resp: 37999

Ion Ratio Lower Upper

94 100

65 27.2 10.0 50.0

66 37.8 19.8 59.8



#11

bis(2-Chloroethyl)ether

Concen: 0.295 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

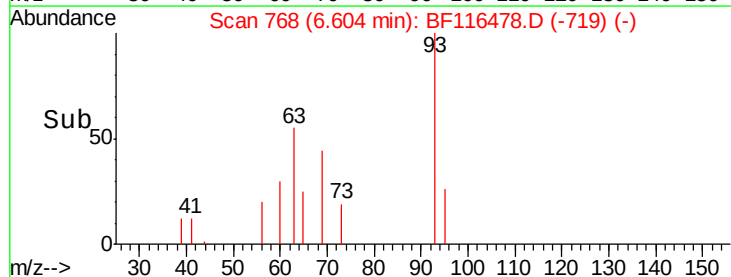
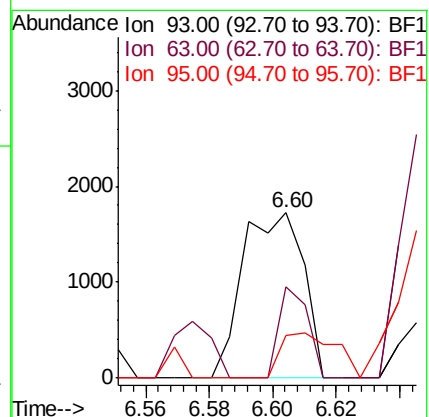
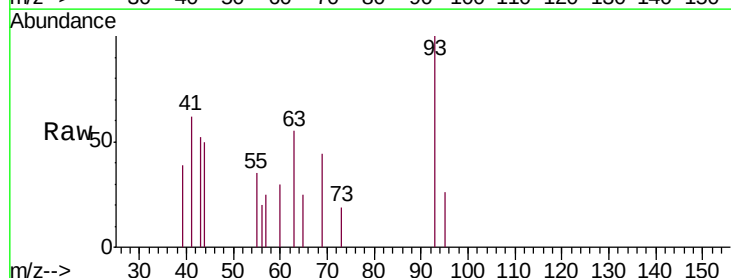
Tgt Ion: 93 Resp: 2288

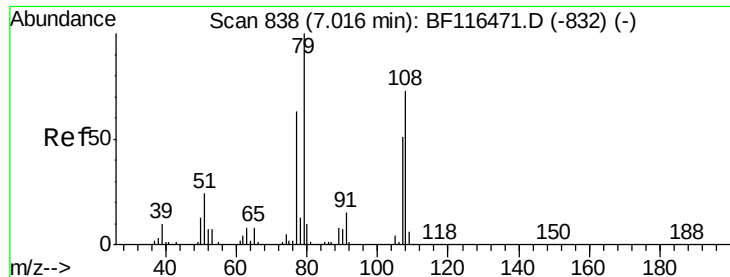
Ion Ratio Lower Upper

93 100

63 55.3 54.3 94.3

95 25.6 13.3 53.3

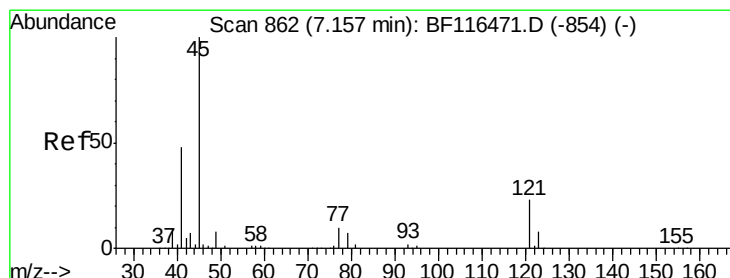
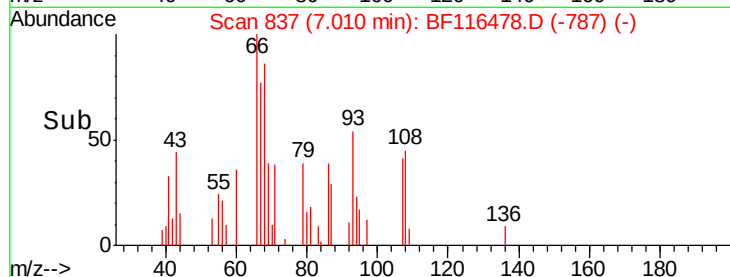
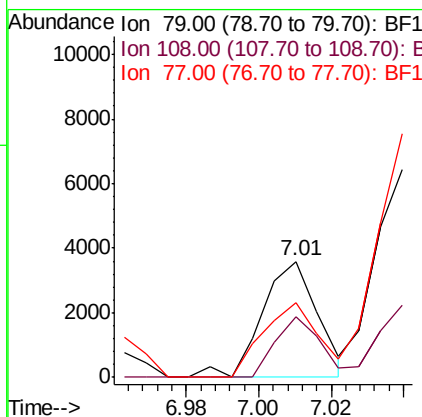
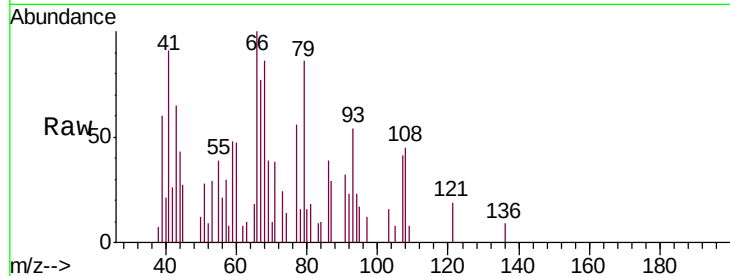




#15
Benzyl Alcohol
Concen: 0.500 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

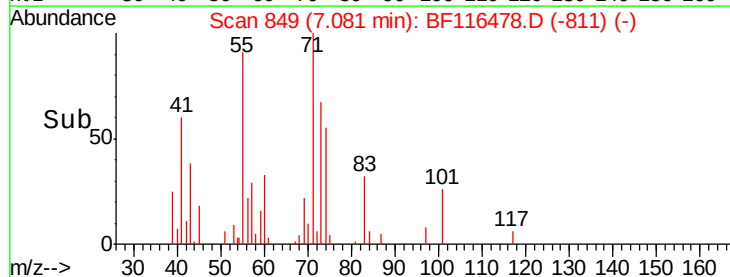
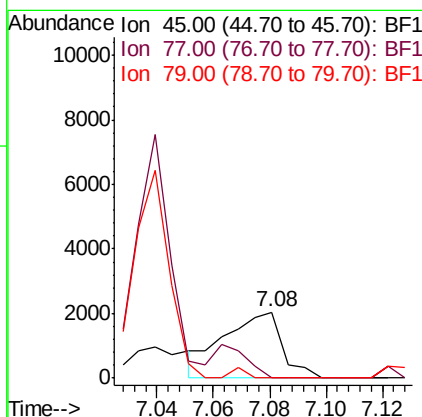
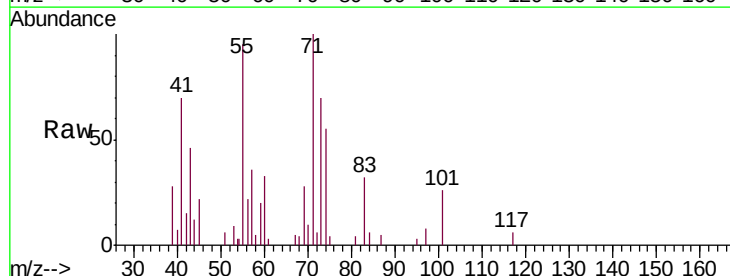
Instrument :
BNA_F
ClientSampleID :
CFVP-228LRE

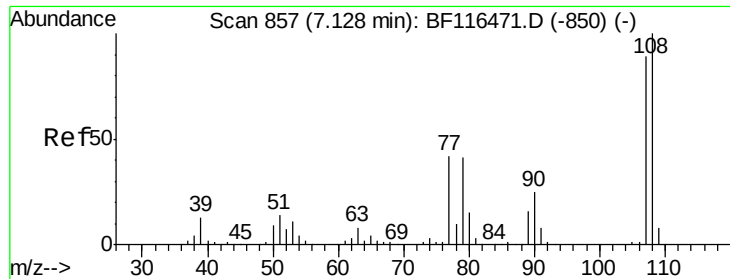
Tot Ion: 79 Resp: 3803
Ion Ratio Lower Upper
79 100
108 52.7 58.1 87.1#
77 64.8 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 0.273 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.08 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion: 45 Resp: 2935
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.1
79 0.0 0.0 32.3

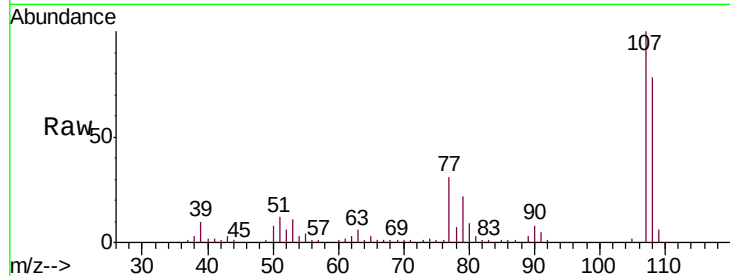




#17
2-Methylphenol
Concen: 12.693 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Tot Ion	Ratio	Lower	Upper
107	100		
108	78.5	90.0	135.0#
77	31.1	37.6	56.4#
79	22.2	36.8	55.2#



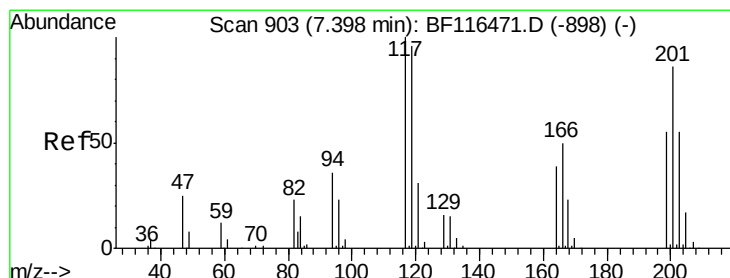
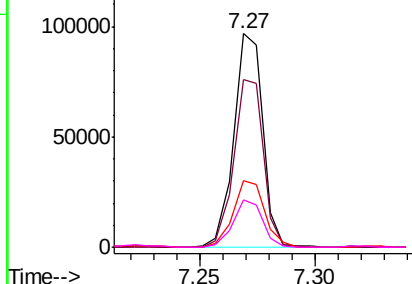
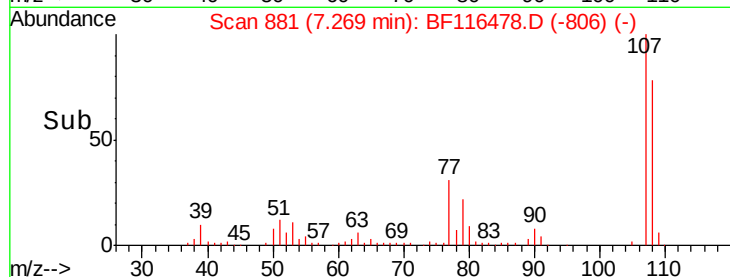
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

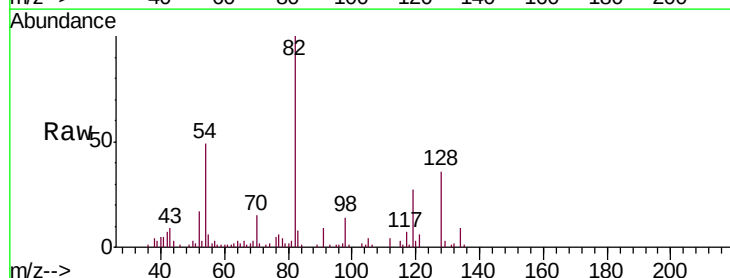
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 0.747 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.02 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	380.7	77.0	115.6#
201	0.0	69.1	103.7#

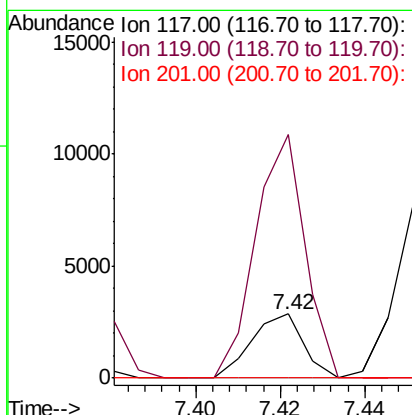
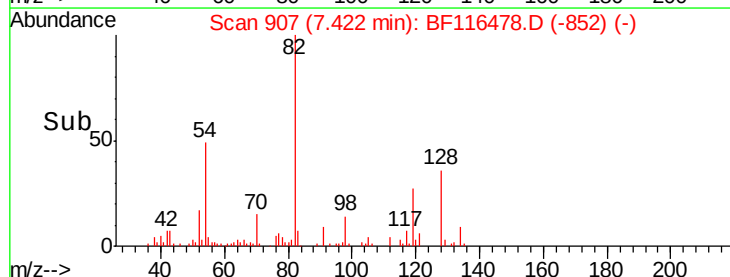


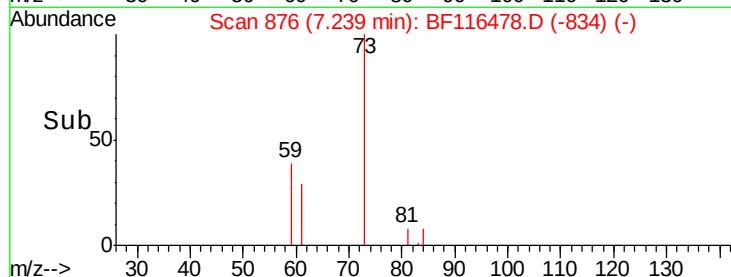
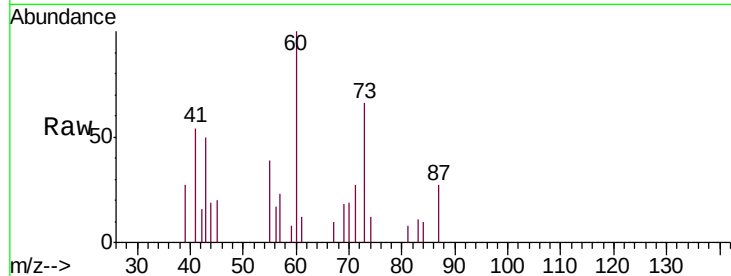
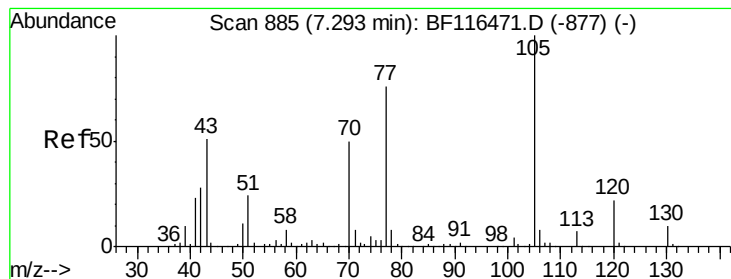
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 0.251 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.05 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

Tot Ion: 70 Resp: 1607

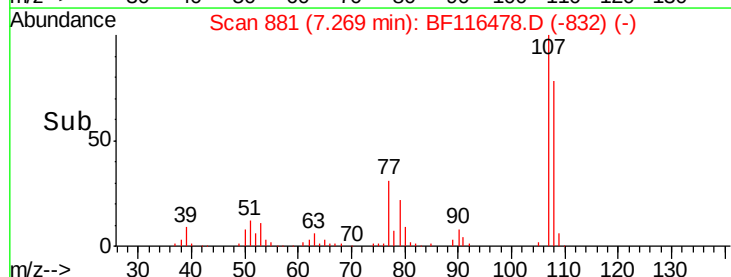
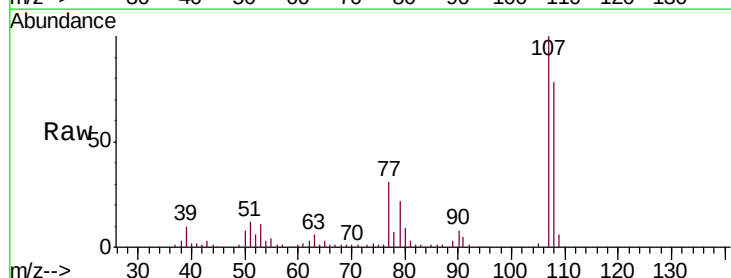
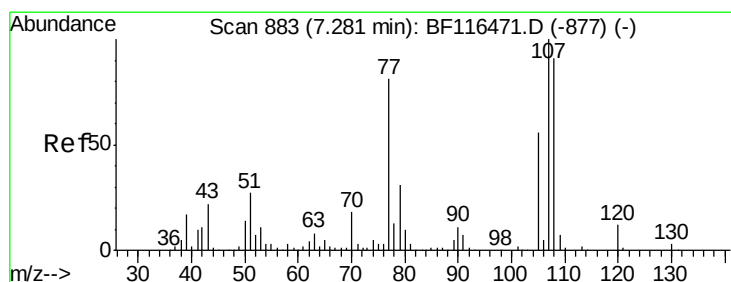
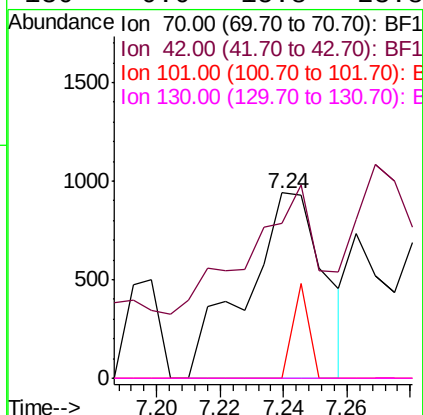
Ion Ratio Lower Upper

70 100

42 83.6 44.4 66.6#

101 0.0 7.1 10.7#

130 0.0 15.8 23.8#



#20

3+4-Methylphenols

Concen: 10.361 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Tgt Ion: 107 Resp: 84552

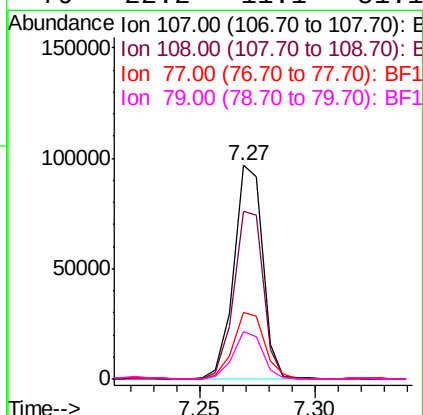
Ion Ratio Lower Upper

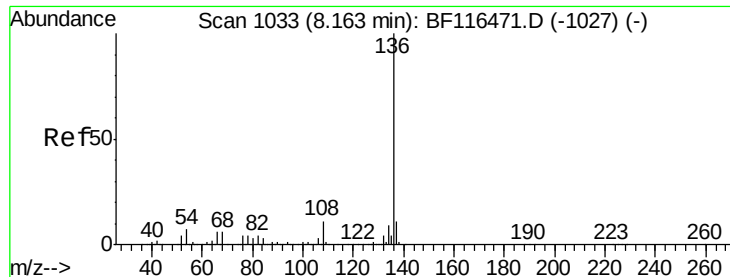
107 100

108 78.5 70.7 110.7

77 31.1 60.6 100.6#

79 22.2 11.1 51.1

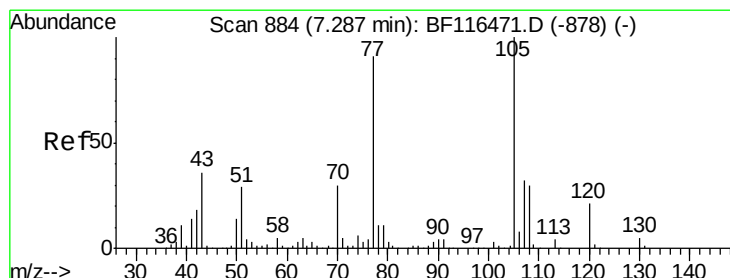
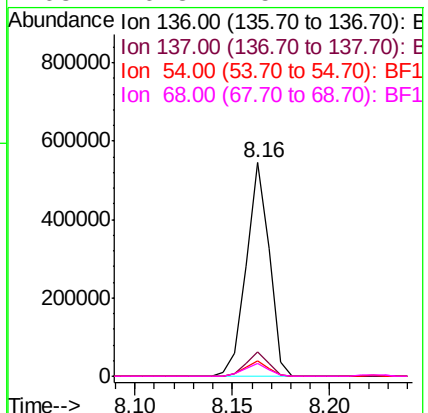
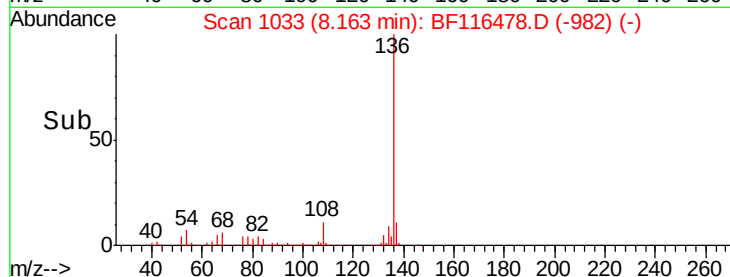
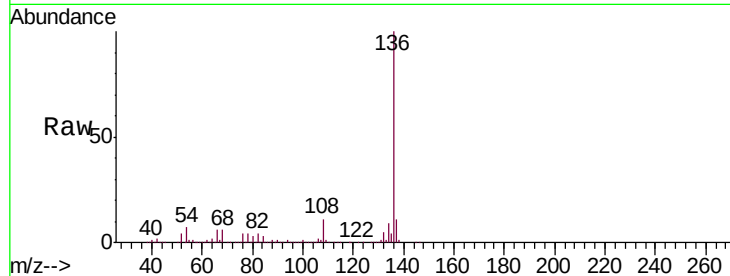




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

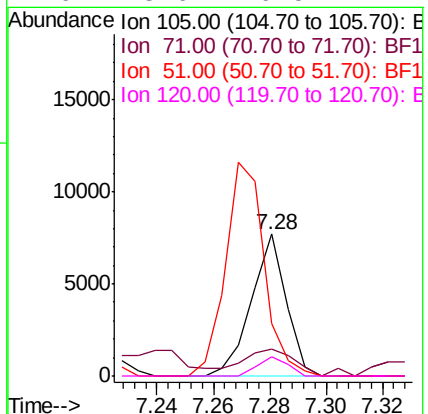
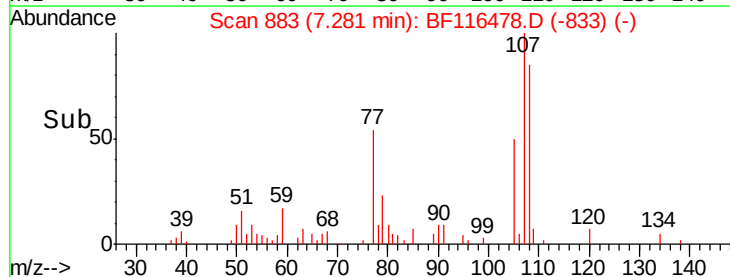
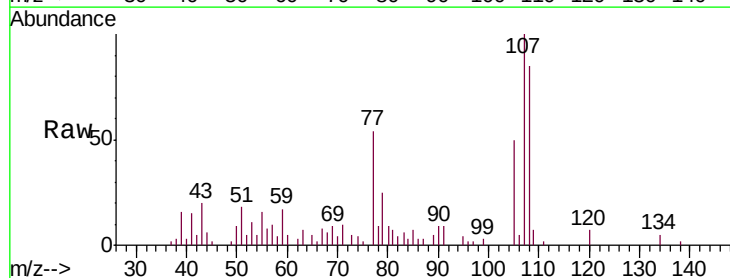
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

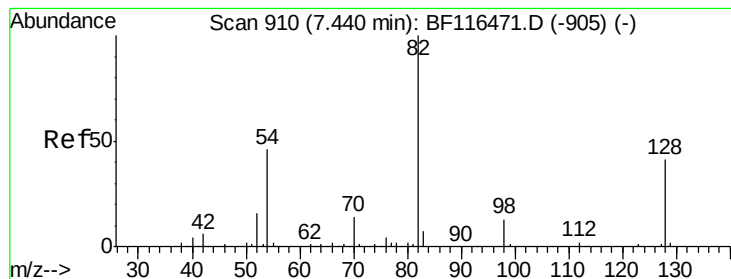
Tot Ion:136	Resp:	445596
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.4
54 7.1	5.8	8.6
68 6.3	5.1	7.7



#22
Acetophenone
Concen: 0.592 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt	Ion:105	Resp:	6597
Ion	Ratio	Lower	Upper
105	100		
71	19.4	4.2	6.2#
51	37.0	23.0	34.4#
120	13.6	16.5	24.7#





#23

Nitrobenzene-d5

Concen: 38.581 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

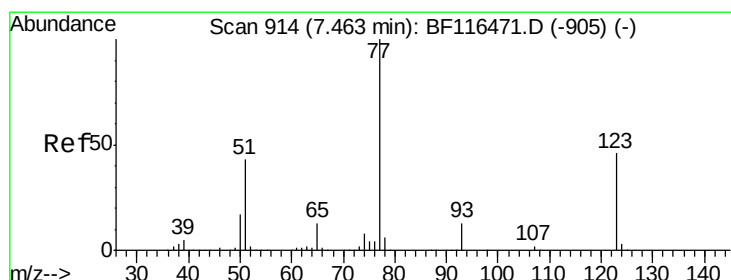
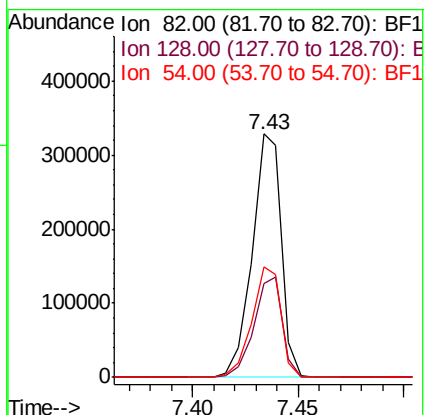
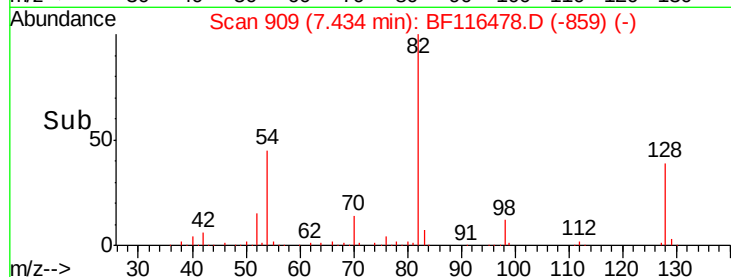
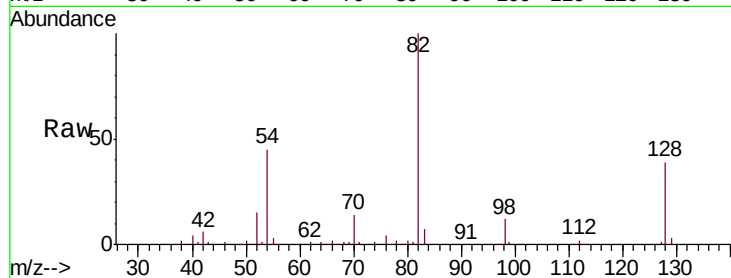
Tot Ion: 82 Resp: 314234

Ion Ratio Lower Upper

82 100

128 38.7 32.2 48.4

54 45.4 36.5 54.7



#24

Nitrobenzene

Concen: 0.441 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

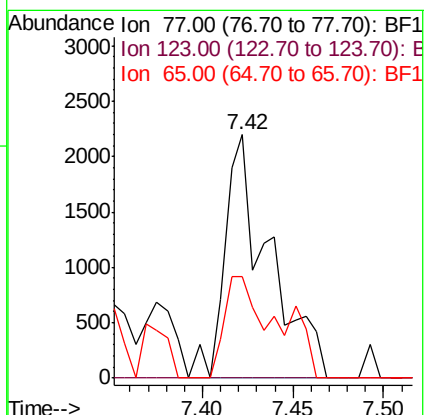
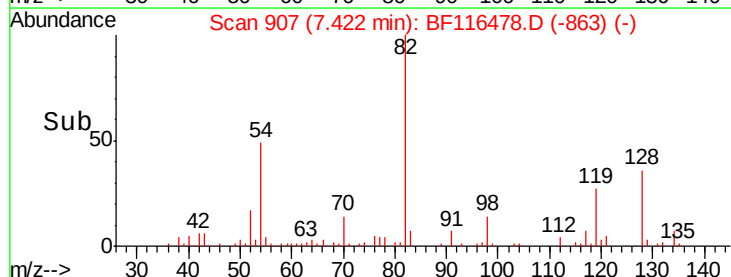
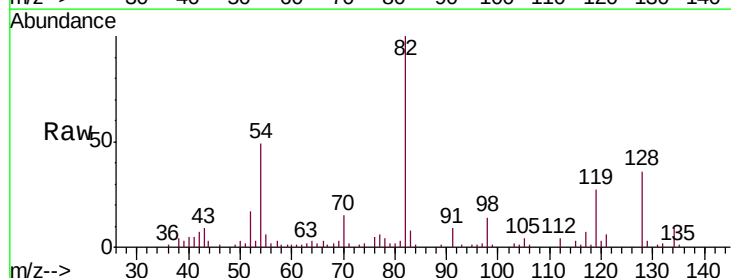
Tgt Ion: 77 Resp: 3717

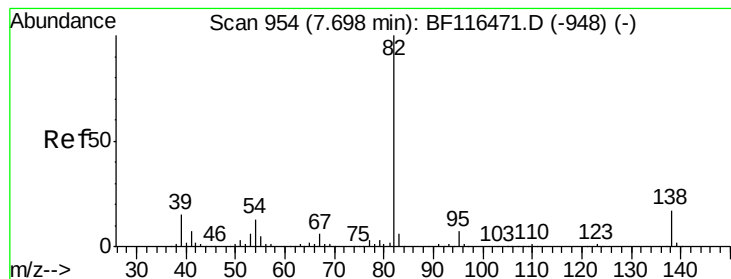
Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.4#

65 41.7 10.5 15.7#





#25

Isophorone

Concen: 19.562 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

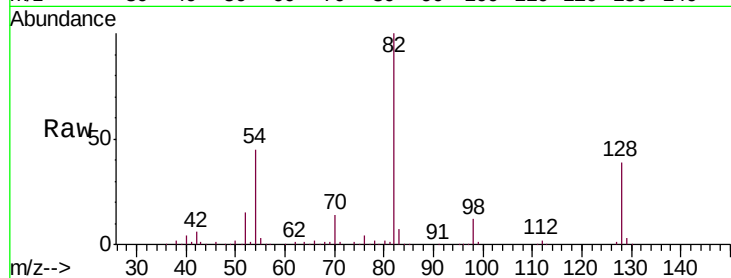
Tot Ion: 82 Resp: 313983

Ion Ratio Lower Upper

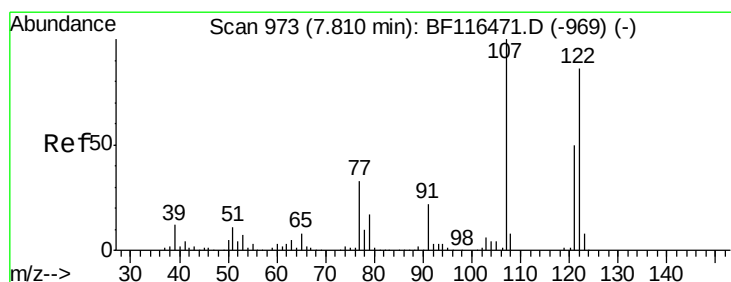
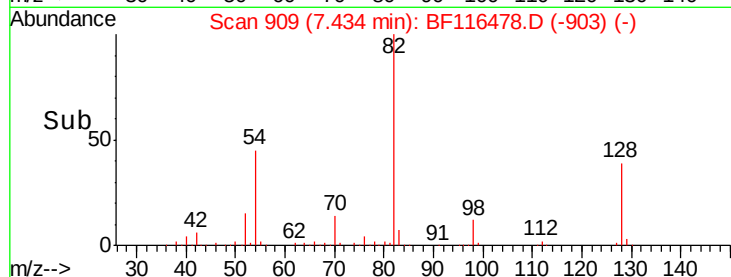
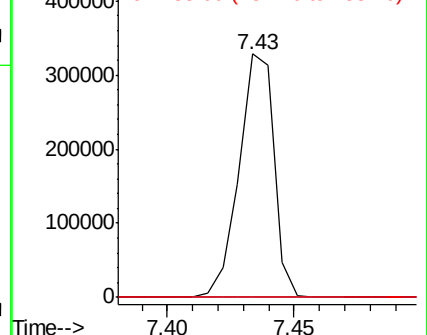
82 100

95 0.1 5.3 7.9#

138 0.0 13.3 19.9#



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): E



#27

2,4-Dimethylphenol

Concen: 2.508 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.06 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

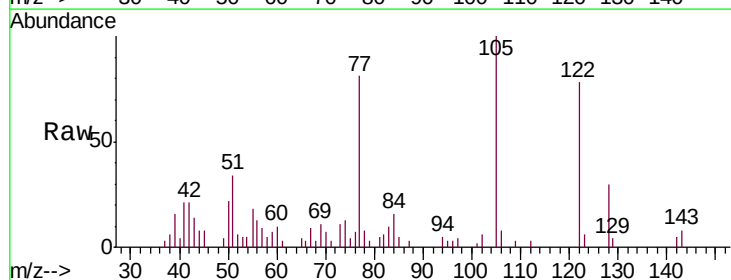
Tgt Ion: 122 Resp: 16124

Ion Ratio Lower Upper

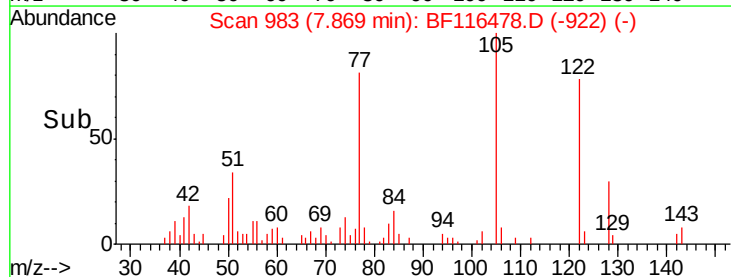
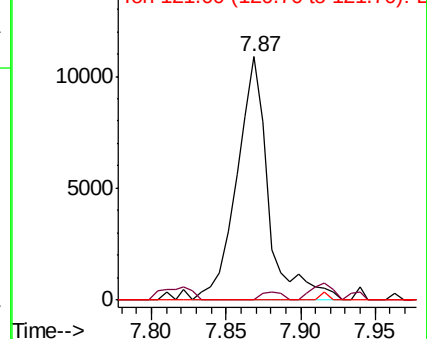
122 100

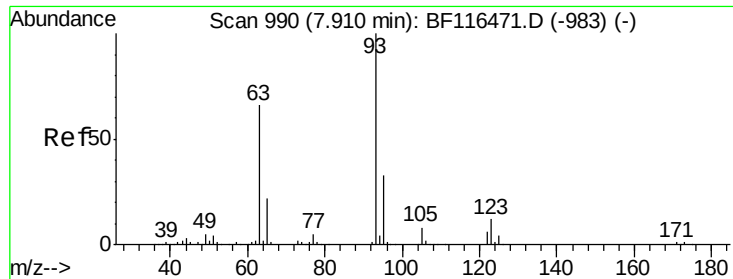
107 0.0 92.4 138.6#

121 0.0 46.2 69.4#



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

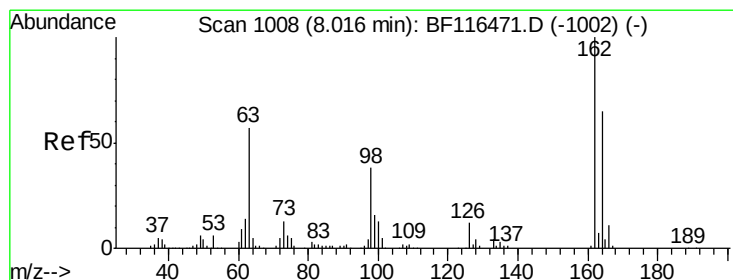
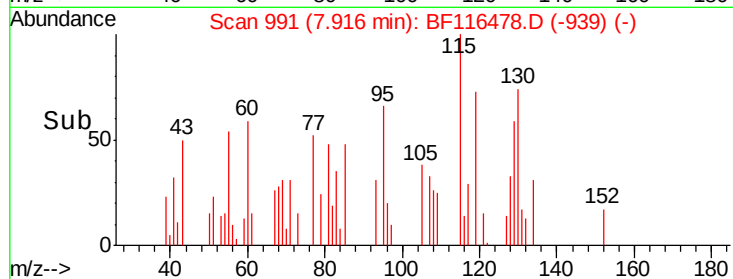
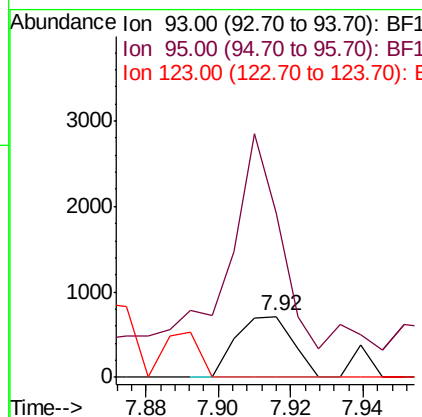
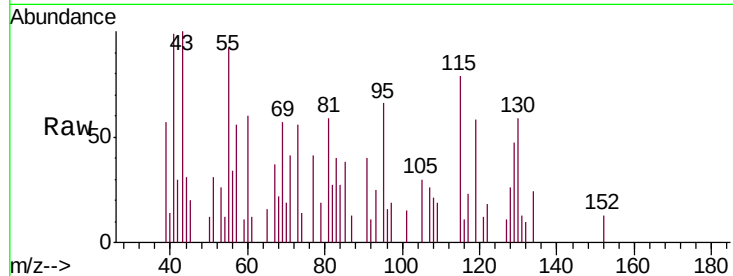




#28
bis(2-Chloroethoxy)methane
Concen: 0.078 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

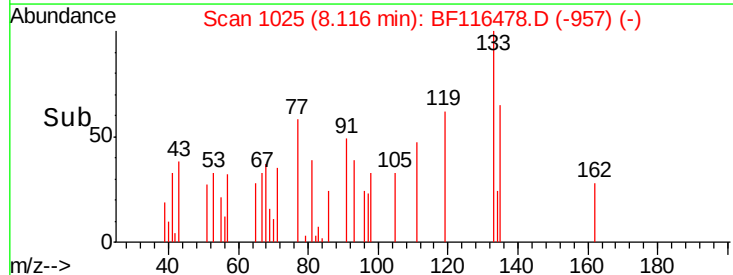
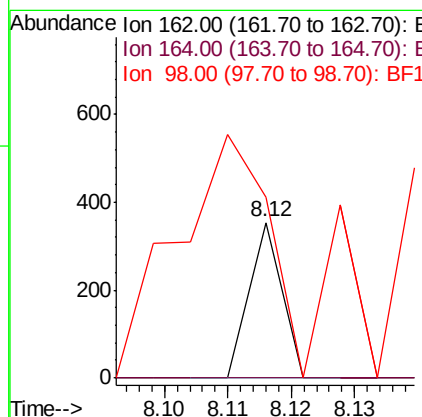
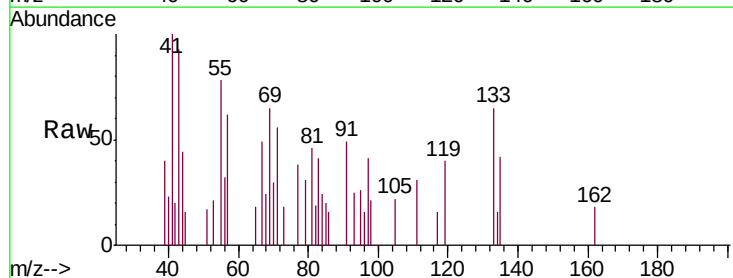
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

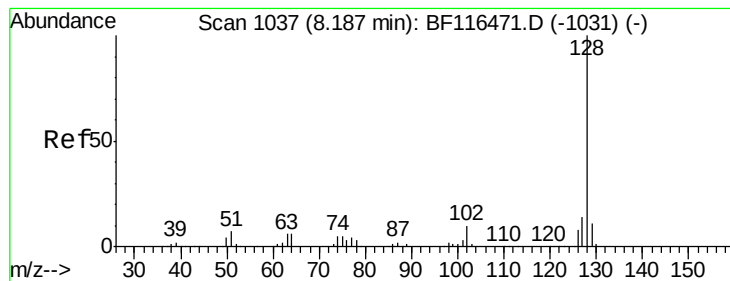
Tot Ion: 93 Resp: 776
Ion Ratio Lower Upper
93 100
95 269.9 26.3 39.5#
123 0.0 9.8 14.6#



#29
2,4-Dichlorophenol
Concen: 0.020 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.10 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion: 162 Resp: 125
Ion Ratio Lower Upper
162 100
164 0.0 44.9 84.9#
98 116.4 17.9 57.9#





#31

Naphthalene

Concen: 1.954 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

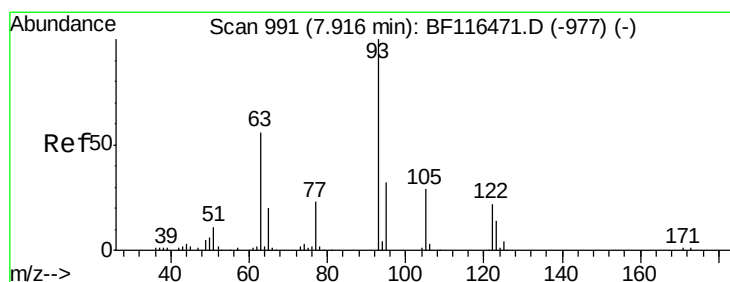
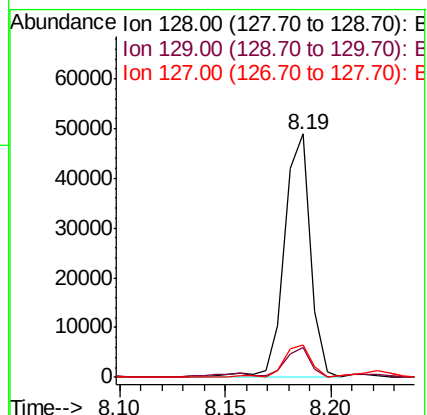
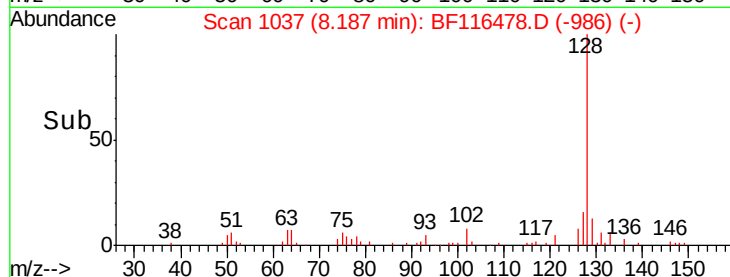
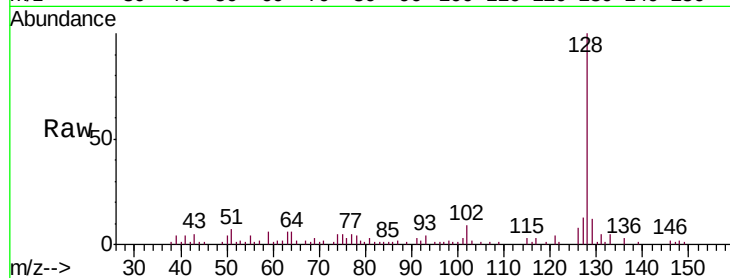
Tot Ion:128 Resp: 42125

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 3.923 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

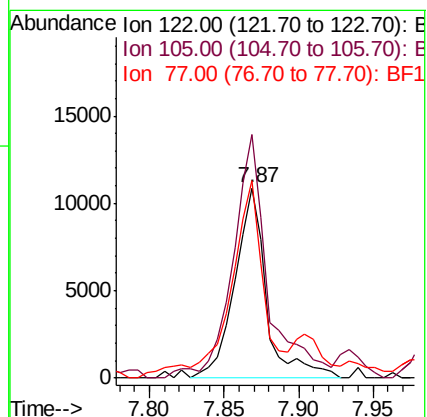
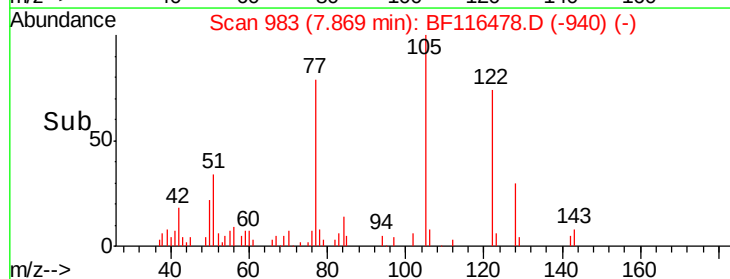
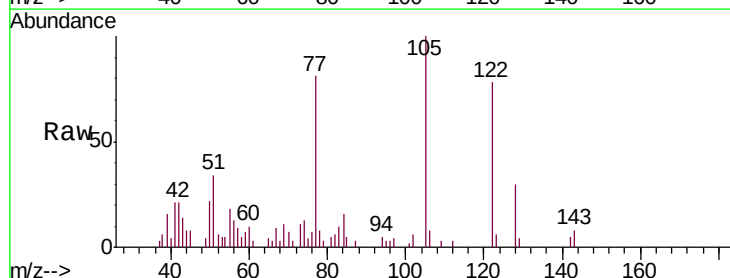
Tgt Ion:122 Resp: 16124

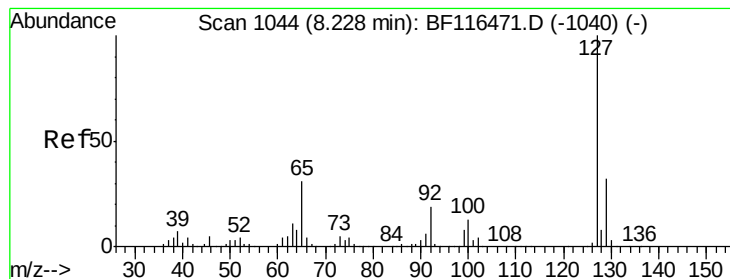
Ion Ratio Lower Upper

122 100

105 128.0 109.9 149.9

77 104.1 84.9 124.9





#33

4-Chloroaniline

Concen: 0.144 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

Tot Ion:127 Resp: 1363

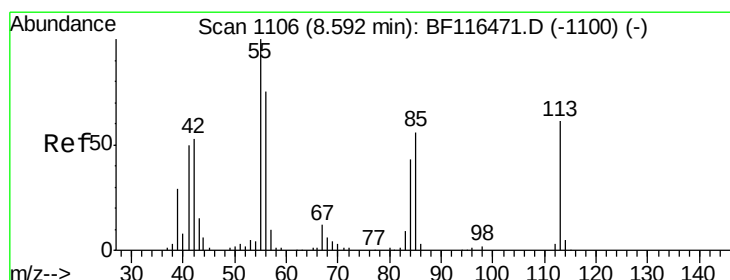
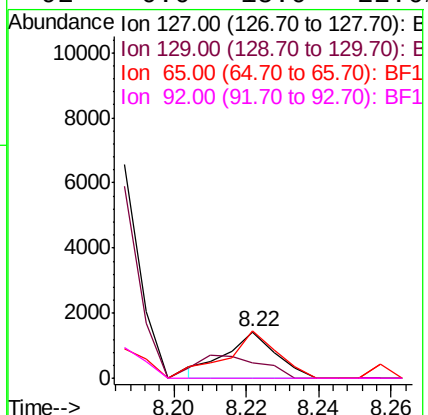
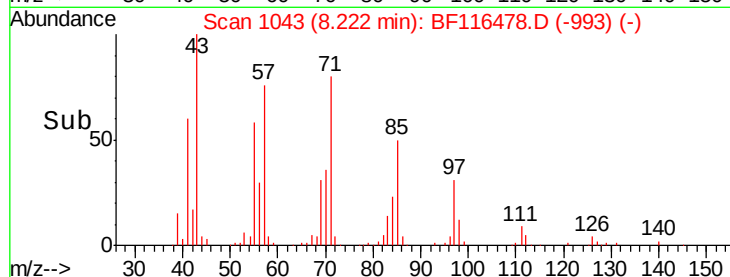
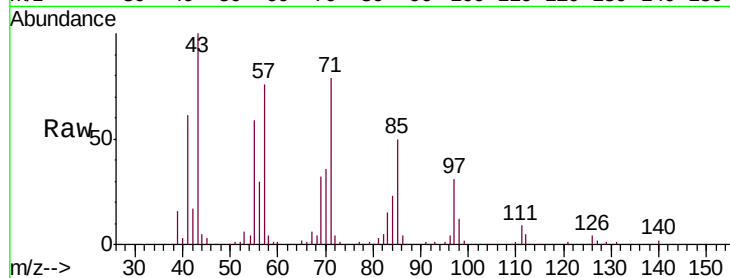
Ion Ratio Lower Upper

127 100

129 33.5 25.7 38.5

65 103.1 25.0 37.6#

92 0.0 15.0 22.6#



#35

Caprolactam

Concen: 0.634 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

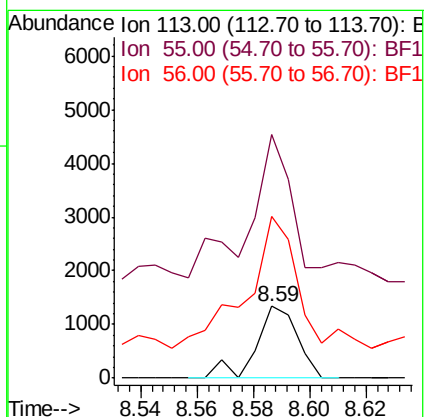
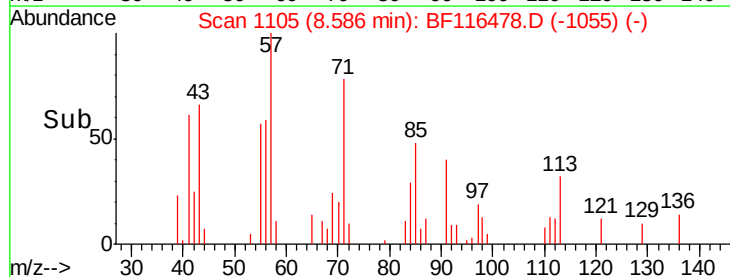
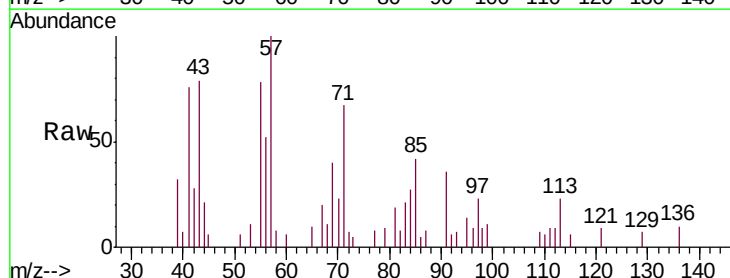
Tgt Ion:113 Resp: 1351

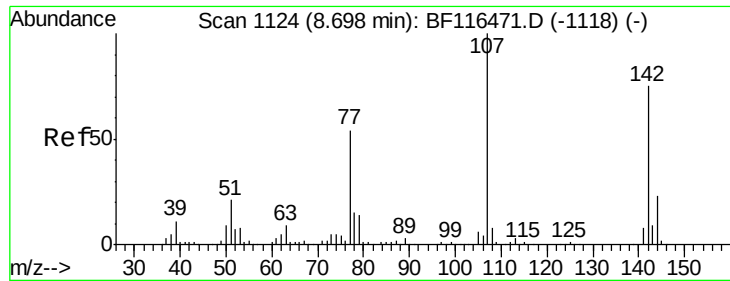
Ion Ratio Lower Upper

113 100

55 340.5 143.6 183.6#

56 226.9 102.3 142.3#

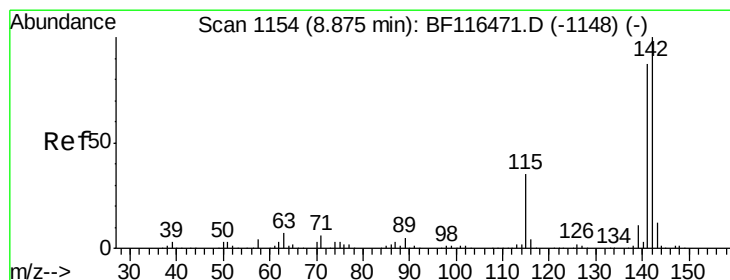
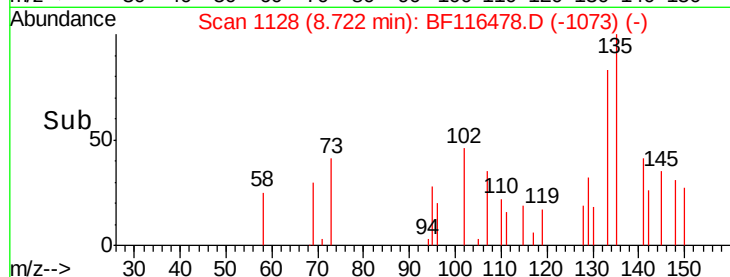
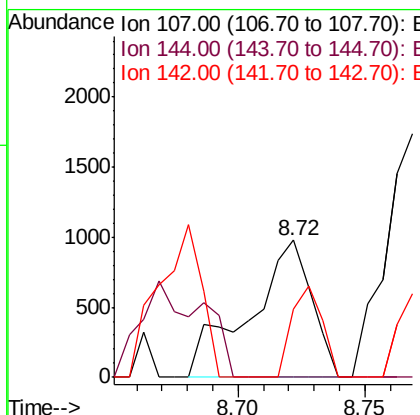
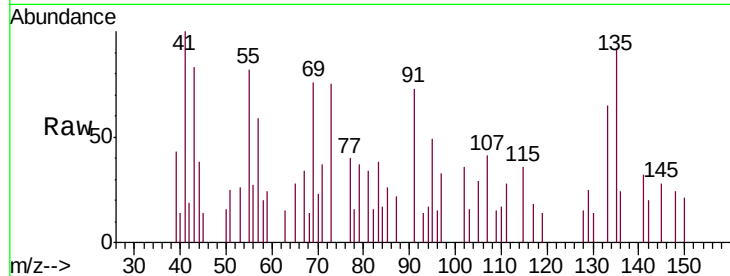




#36
 4-Chloro-3-methylphenol
 Concen: 0.242 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.02 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

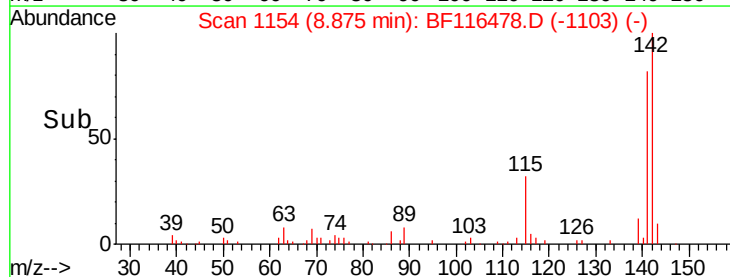
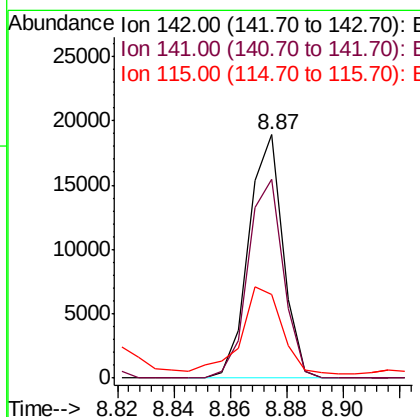
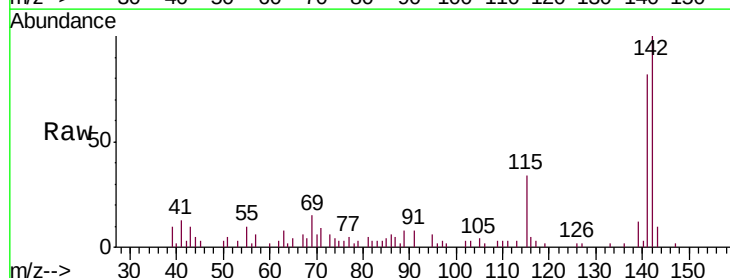
Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

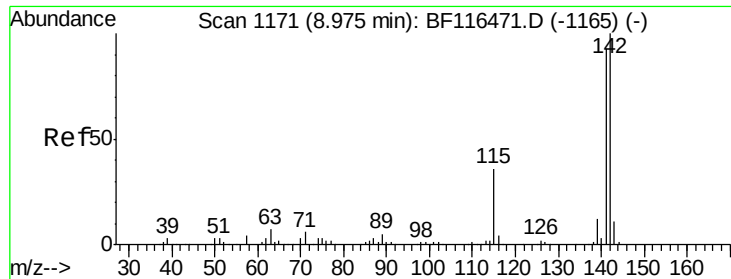
Tot Ion:107 Resp: 1667
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.8 28.2#
 142 50.1 59.8 89.6#



#37
 2-Methylnaphthalene
 Concen: 1.073 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Tgt Ion:142 Resp: 15880
 Ion Ratio Lower Upper
 142 100
 141 81.7 69.8 104.6
 115 34.1 27.7 41.5

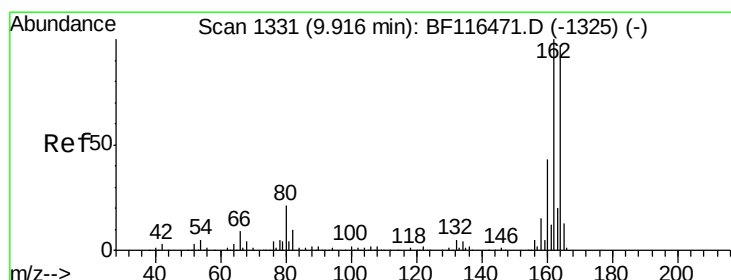
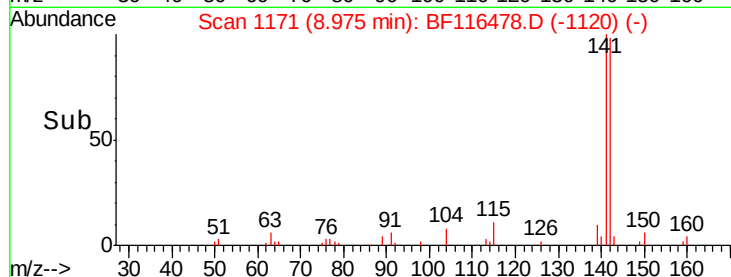
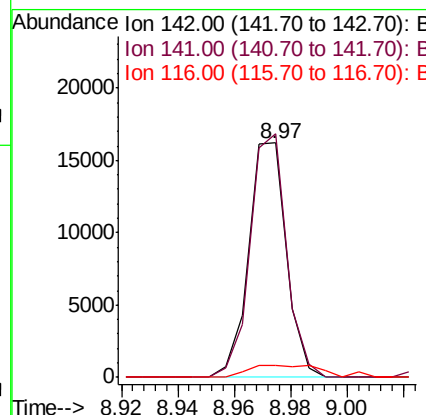
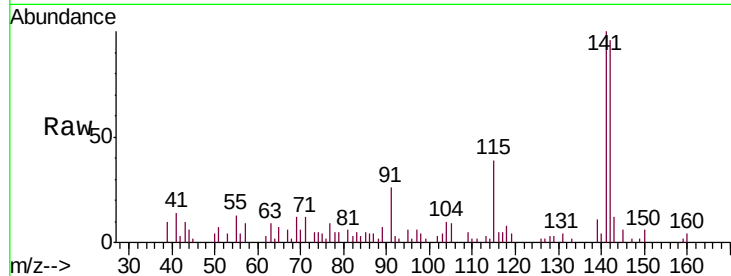




#38
1-Methylnaphthalene
Concen: 1.089 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

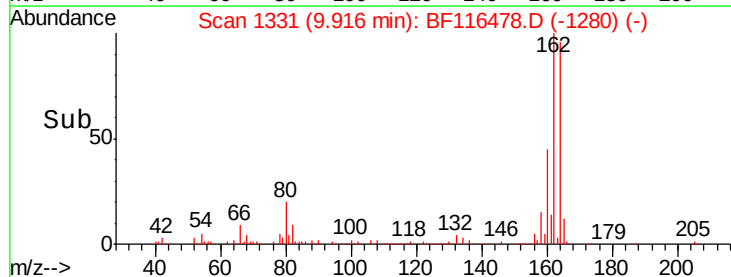
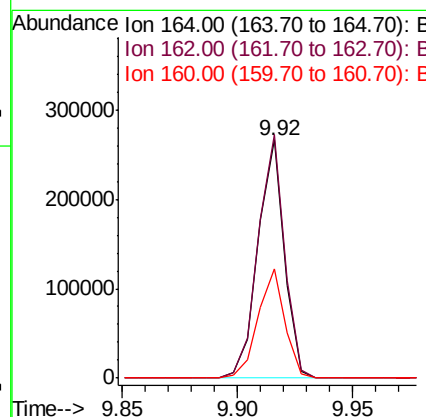
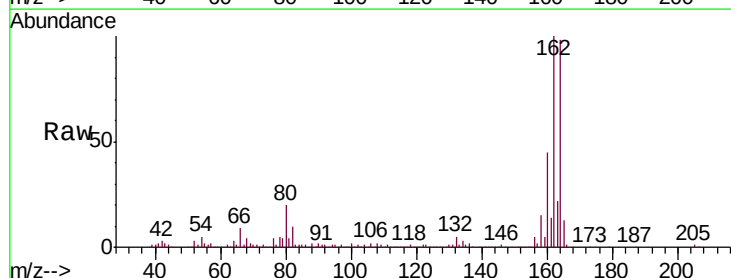
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

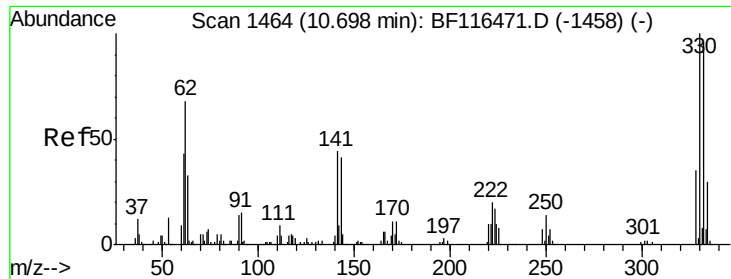
Tot Ion:142 Resp: 15050
Ion Ratio Lower Upper
142 100
141 103.9 74.2 111.2
116 5.2 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:164 Resp: 214063
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 46.2 35.8 53.8

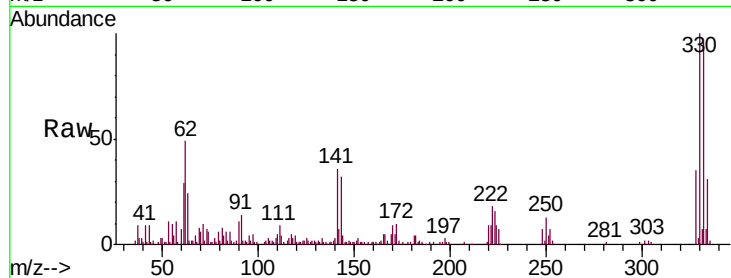




#42
 2,4,6-Tribromophenol
 Concen: 31.769 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	43.8	33.3	49.9

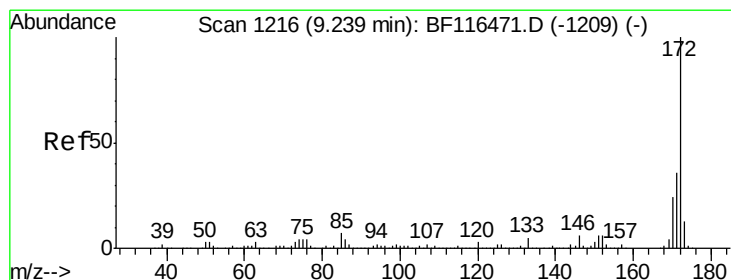
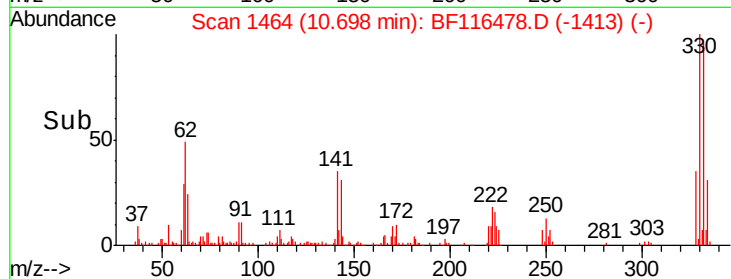
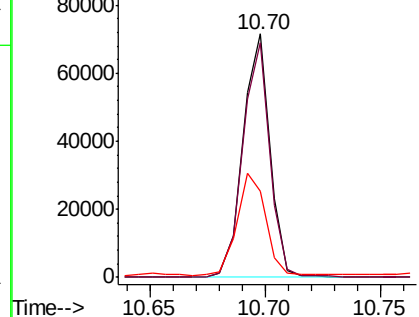


Abundance

Ion 329.80 (329.50 to 330.50): E

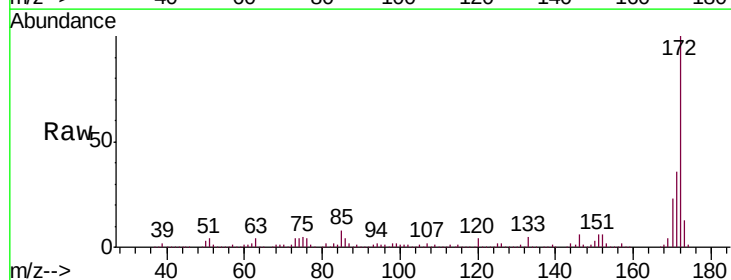
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.949 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.4	19.4	29.0

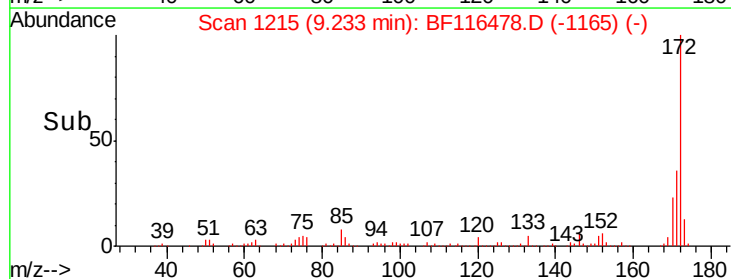
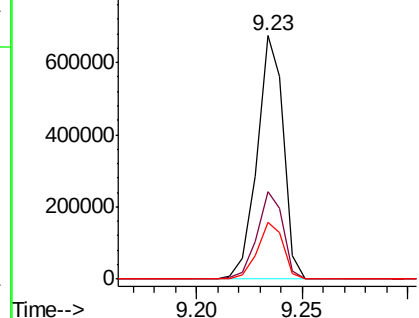


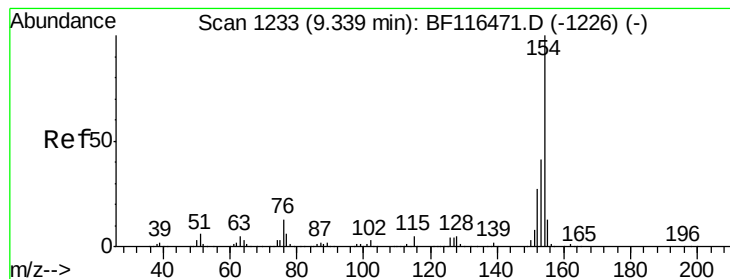
Abundance

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: 0.377 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

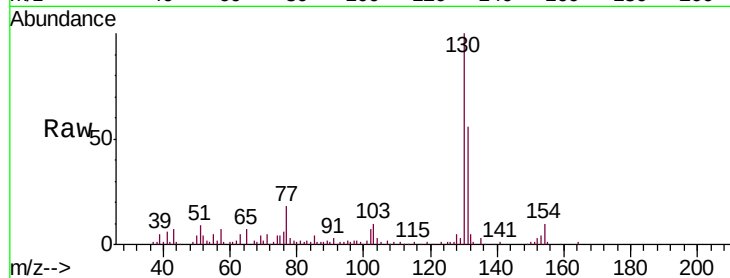
Tot Ion:154 Resp: 6454

Ion Ratio Lower Upper

154 100

153 37.8 21.3 61.3

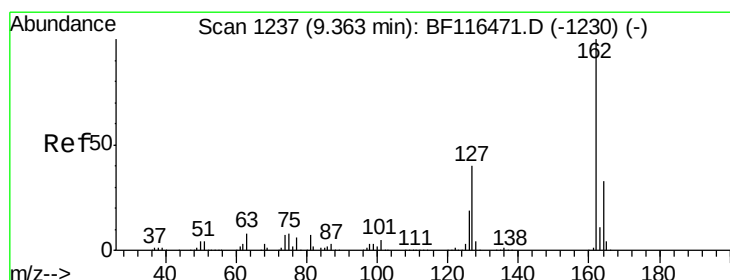
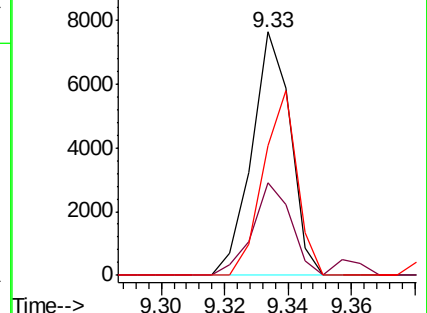
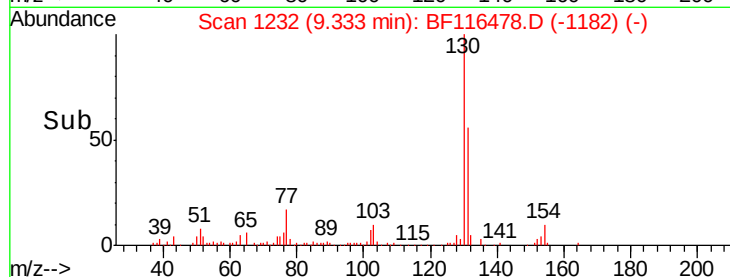
76 53.5 0.0 32.9#



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: 0.011 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.14 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

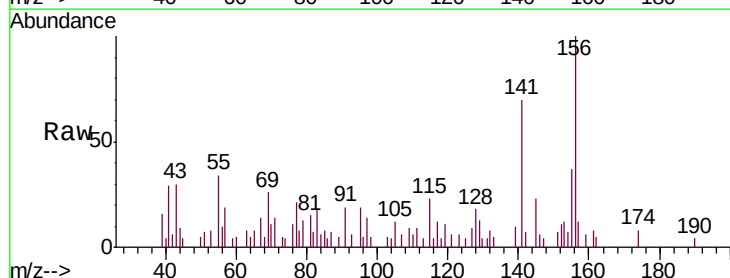
Tgt Ion:162 Resp: 152

Ion Ratio Lower Upper

162 100

127 177.7 32.5 48.7#

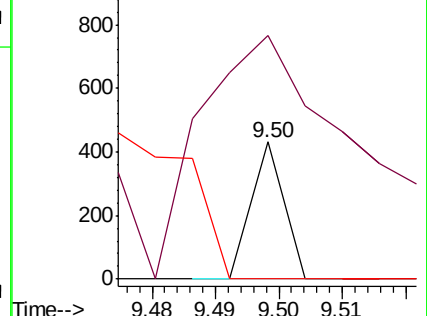
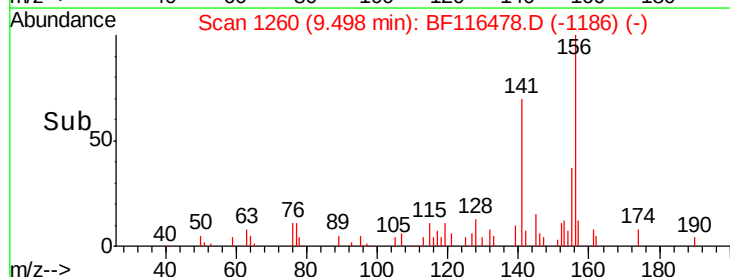
164 0.0 26.7 40.1#

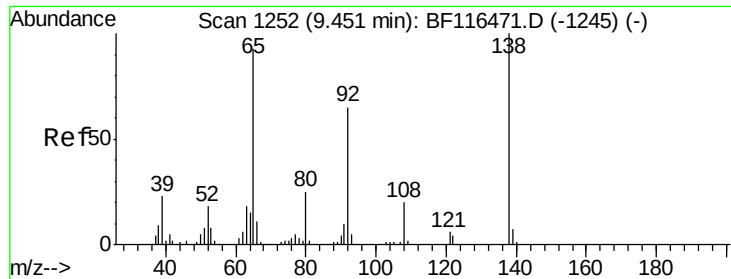


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 0.378 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.13 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

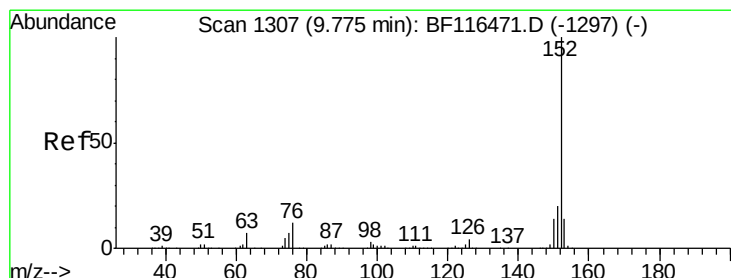
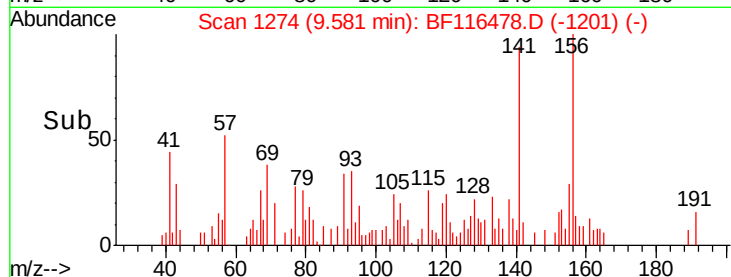
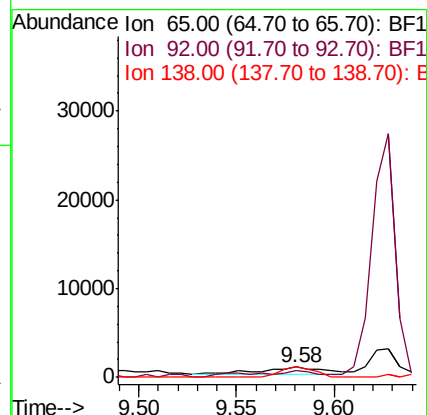
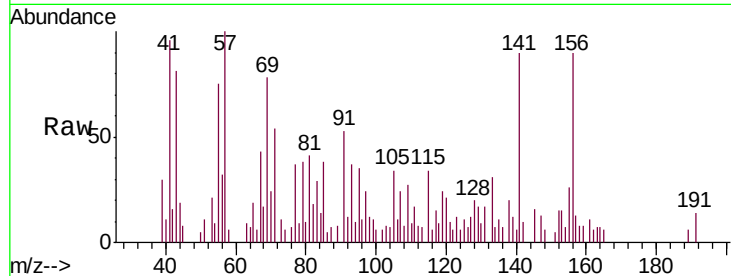
Tot Ion: 65 Resp: 1536

Ion Ratio Lower Upper

65 100

92 63.9 56.2 84.2

138 104.8 86.0 129.0



#49

Acenaphthylene

Concen: 0.850 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

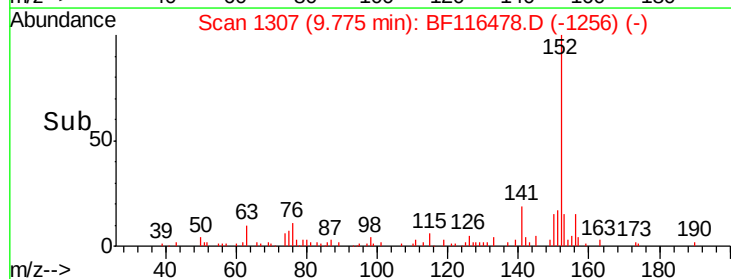
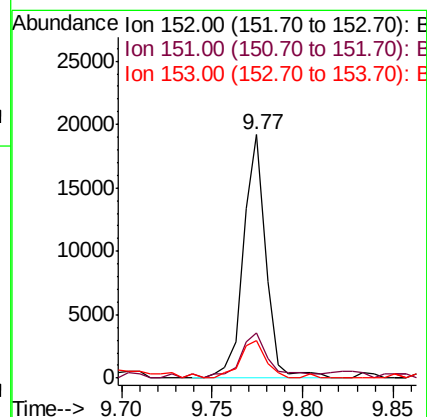
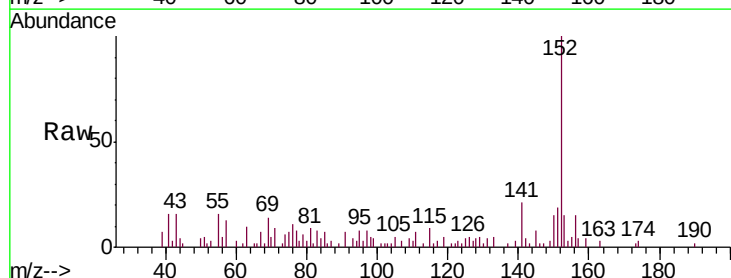
Tgt Ion: 152 Resp: 16503

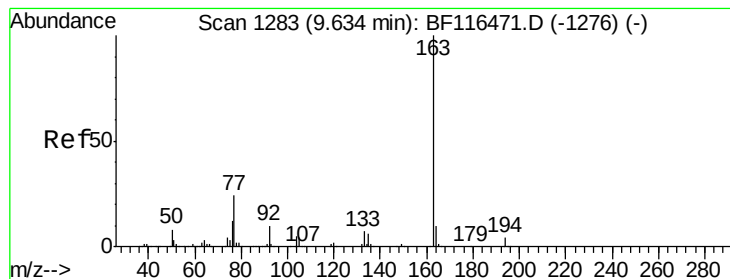
Ion Ratio Lower Upper

152 100

151 18.6 16.1 24.1

153 15.4 11.4 17.0





#50

Dimethylphthalate

Concen: 15.545 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

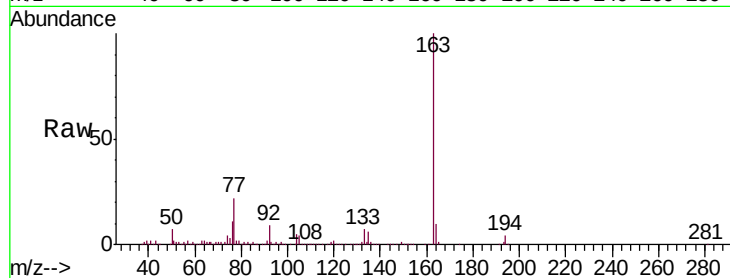
Tot Ion:163 Resp: 232165

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

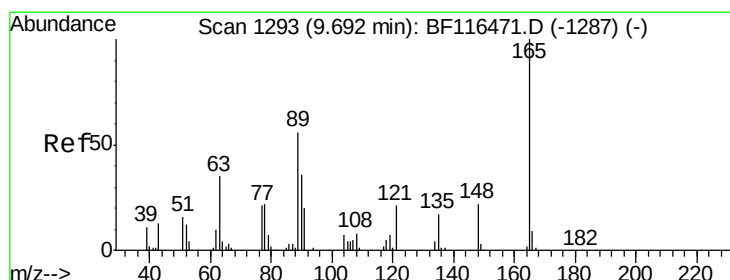
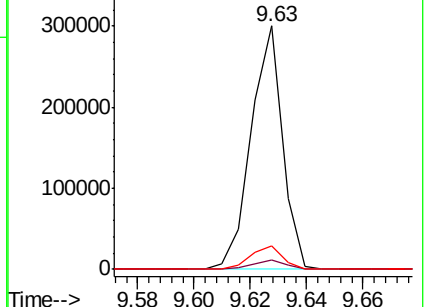
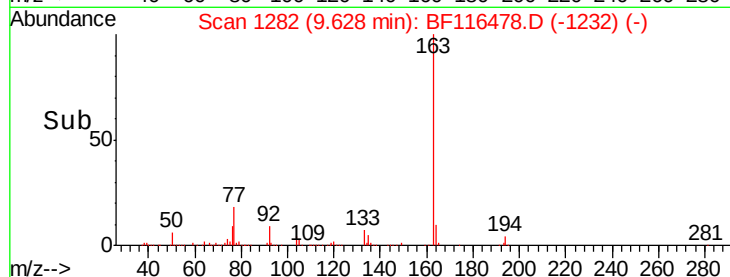
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.807 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

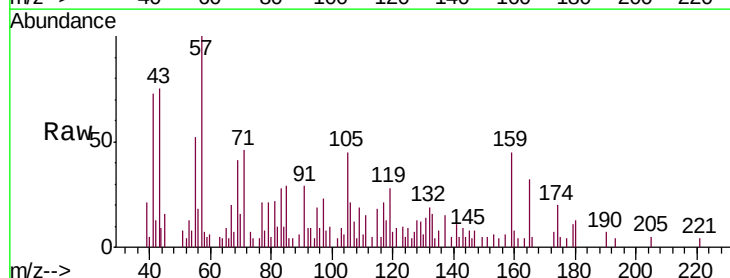
Tgt Ion:165 Resp: 2466

Ion Ratio Lower Upper

165 100

63 16.1 43.7 65.5#

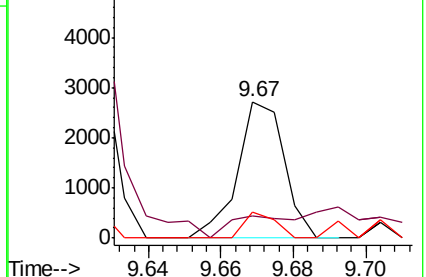
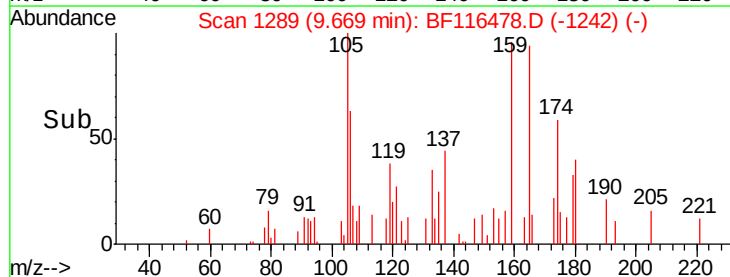
89 19.2 45.1 67.7#

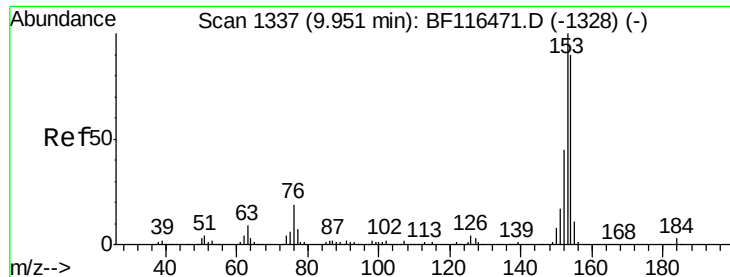


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.998 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

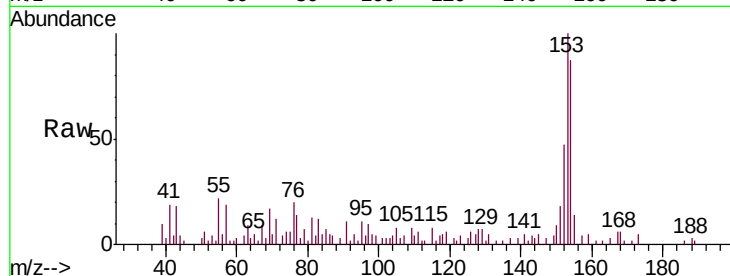
Tot Ion:154 Resp: 12434

Ion Ratio Lower Upper

154 100

153 115.2 89.3 133.9

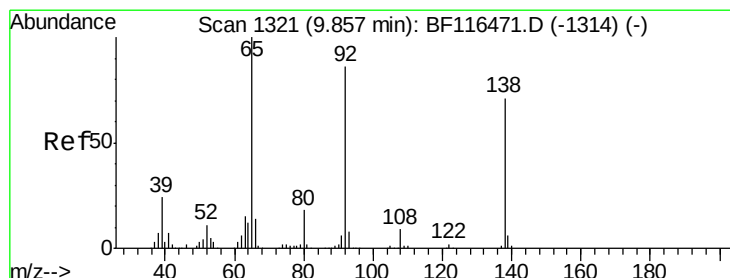
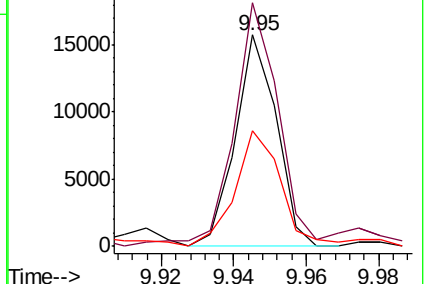
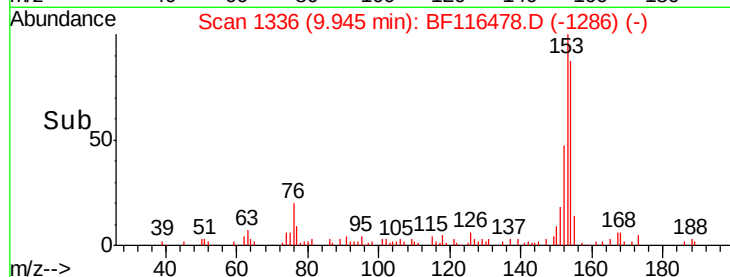
152 54.5 40.2 60.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.031 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

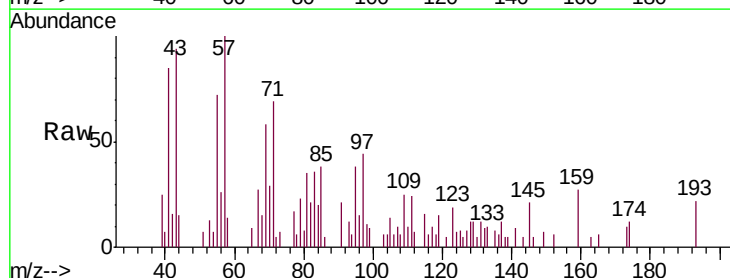
Tgt Ion:138 Resp: 112

Ion Ratio Lower Upper

138 100

108 109.5 10.0 15.0#

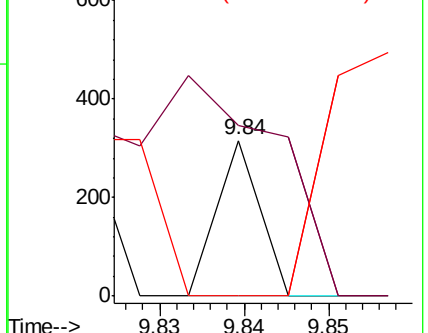
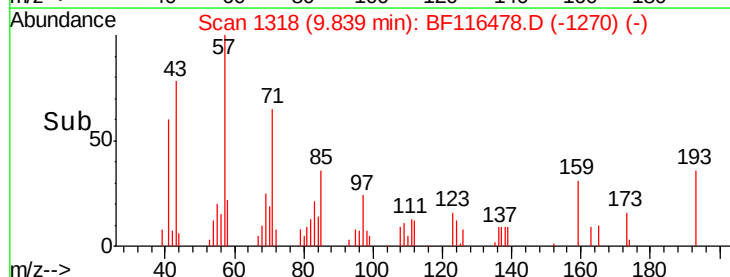
92 0.0 97.7 146.5#

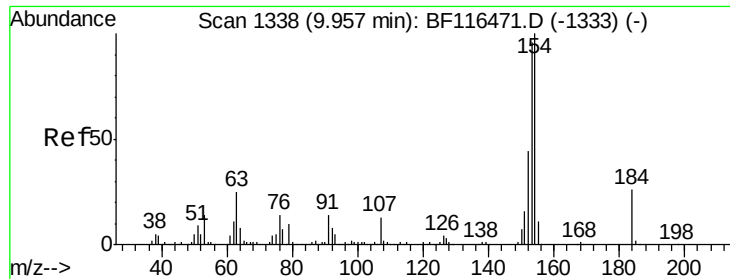


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

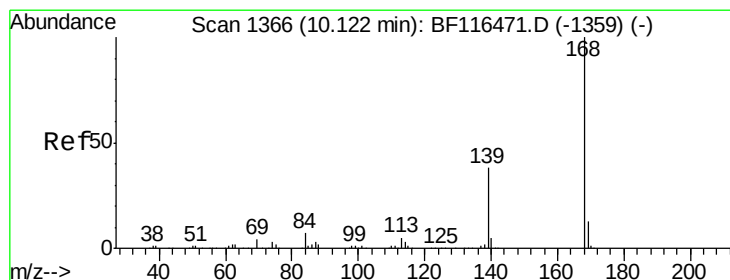
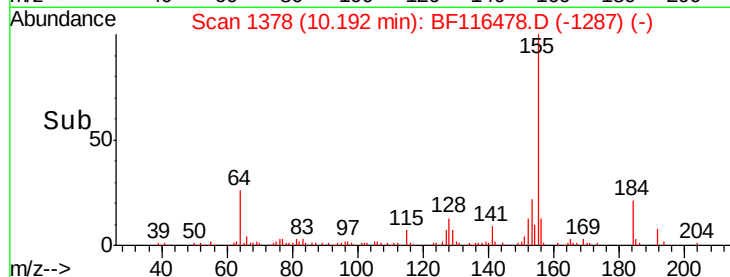
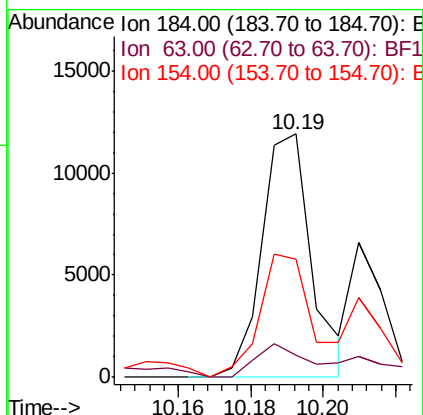
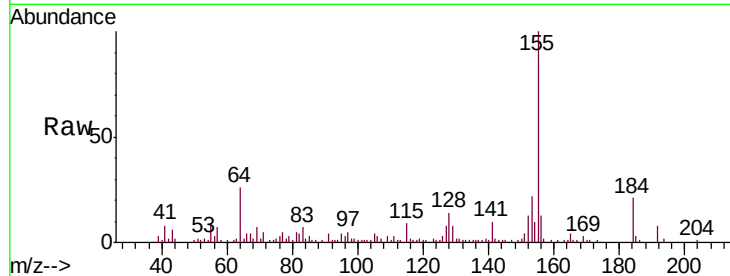




#54
 2,4-Dinitrophenol
 Concen: 16.864 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.24 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

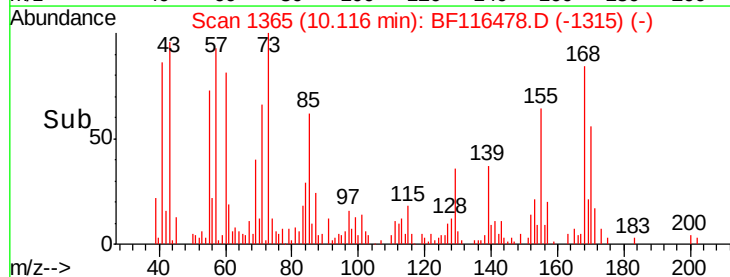
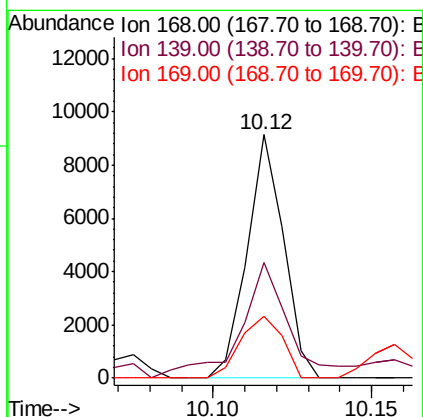
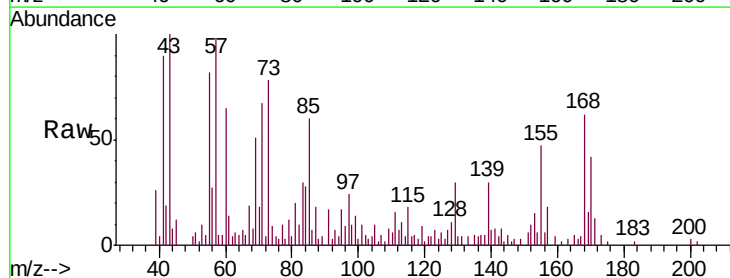
Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

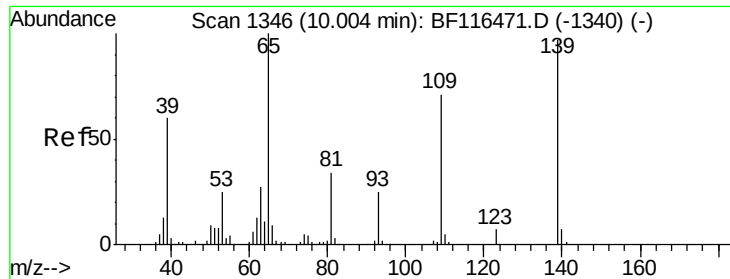
Tot Ion:184 Resp: 11295
 Ion Ratio Lower Upper
 184 100
 63 9.0 78.2 117.4#
 154 48.7 320.4 480.6#



#55
 Dibenzofuran
 Concen: 0.420 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Tgt Ion:168 Resp: 7292
 Ion Ratio Lower Upper
 168 100
 139 47.7 30.7 46.1#
 169 25.2 10.7 16.1#

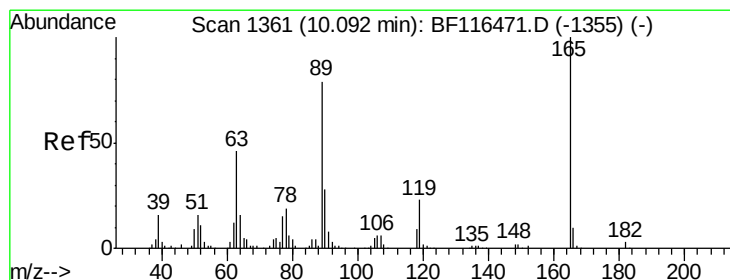
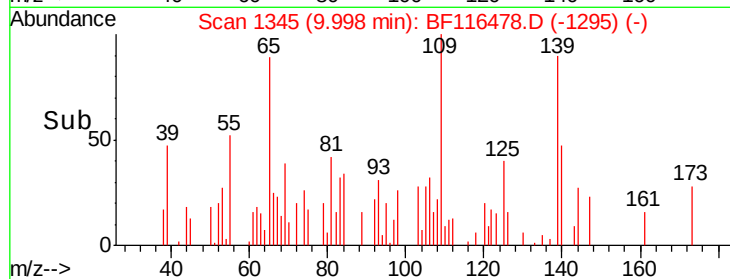
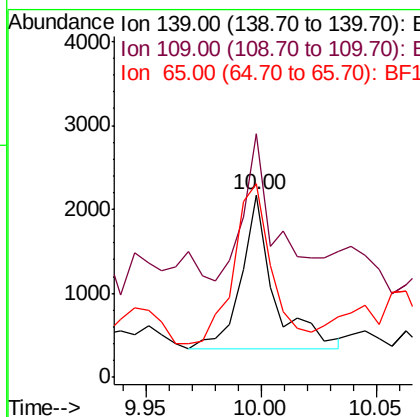
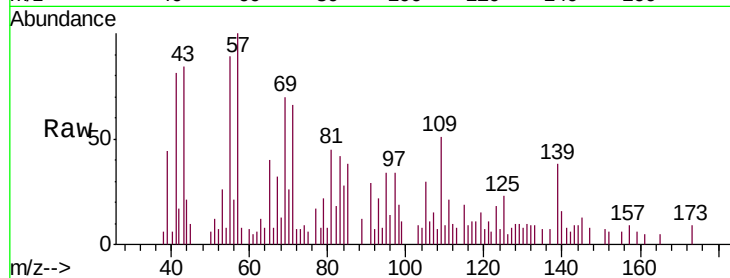




#56
4-Nitrophenol
Concen: 0.645 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

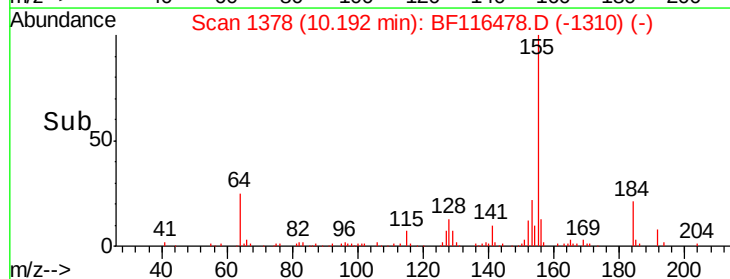
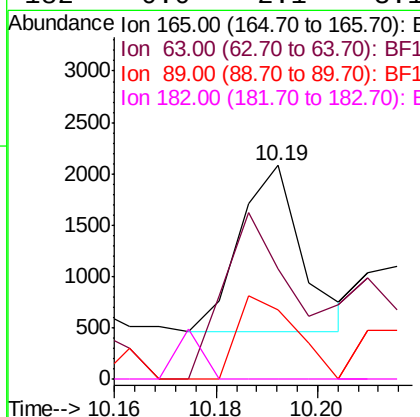
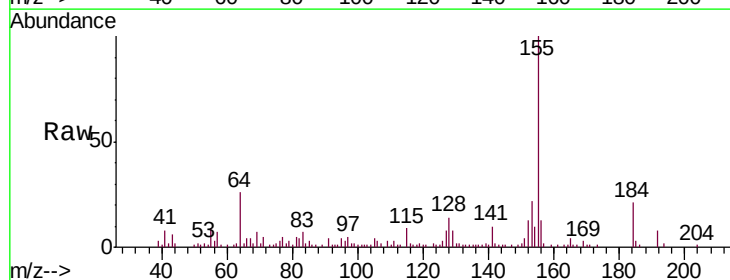
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

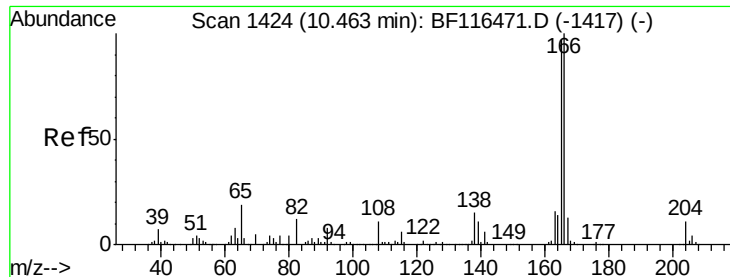
Tot Ion:139 Resp: 1826
Ion Ratio Lower Upper
139 100
109 133.5 53.4 93.4#
65 106.1 83.0 123.0



#57
2,4-Dinitrotoluene
Concen: 0.353 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.10 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:165 Resp: 1374
Ion Ratio Lower Upper
165 100
63 51.3 36.9 55.3
89 32.3 63.4 95.0#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 1.347 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

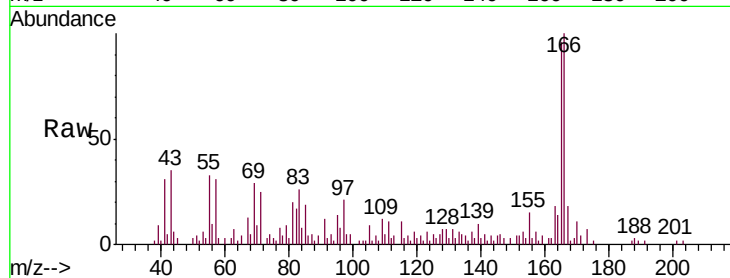
Tot Ion:166 Resp: 18172

Ion Ratio Lower Upper

166 100

165 96.2 77.4 116.0

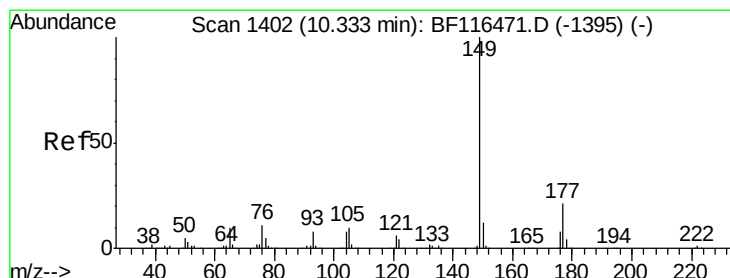
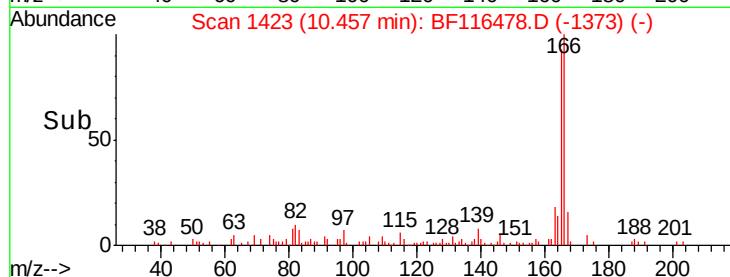
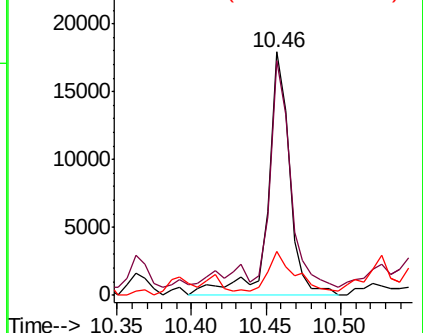
167 18.1 10.8 16.2#



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: 0.331 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

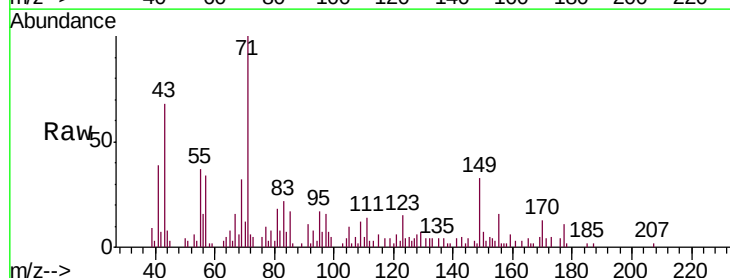
Tgt Ion:149 Resp: 4856

Ion Ratio Lower Upper

149 100

177 32.4 17.1 25.7#

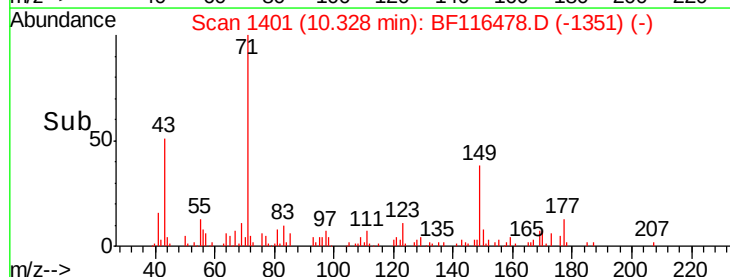
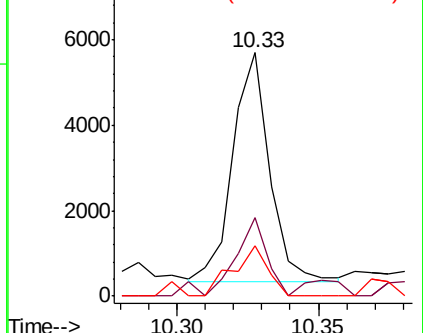
150 20.6 9.8 14.6#

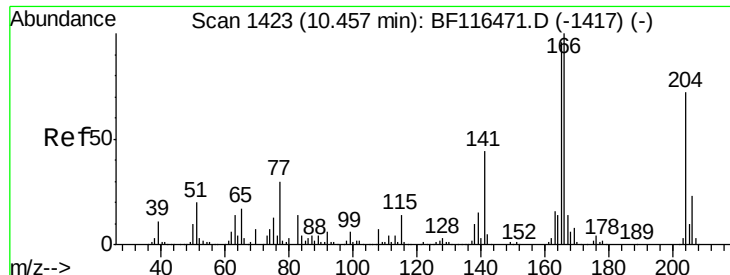


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

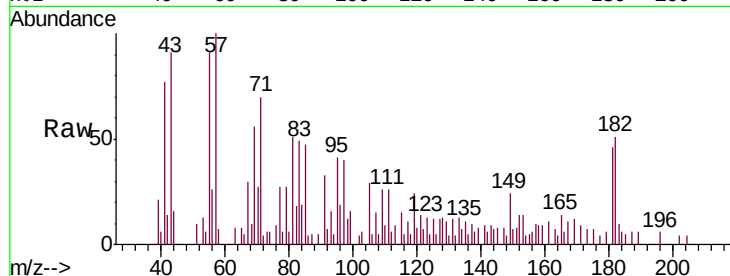




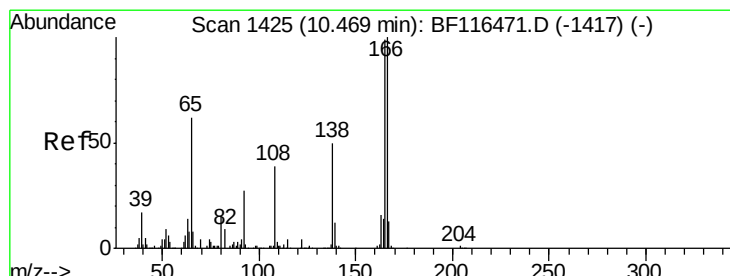
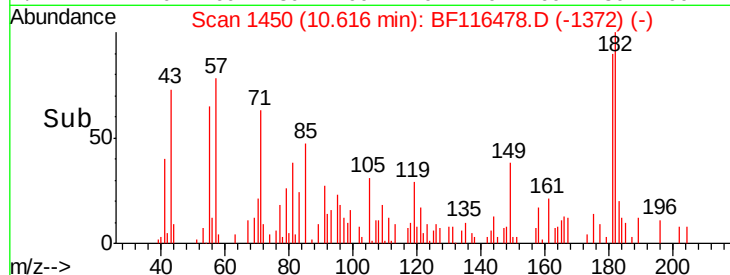
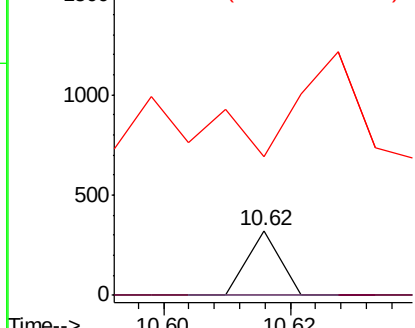
#61
4-Chlorophenyl-phenylether
Concen: 0.017 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.16 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Tot Ion:204 Resp: 114
Ion Ratio Lower Upper
204 100
206 0.0 25.9 38.9#
141 214.6 48.6 73.0#

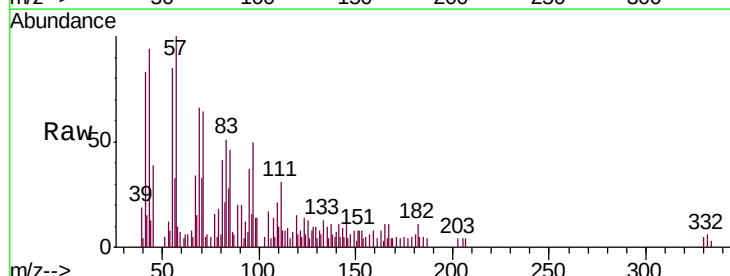


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

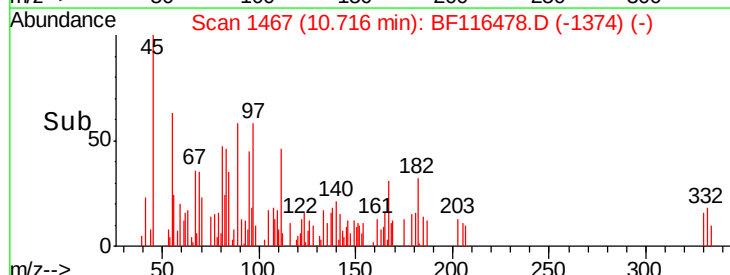
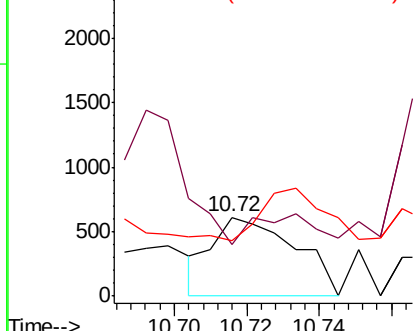


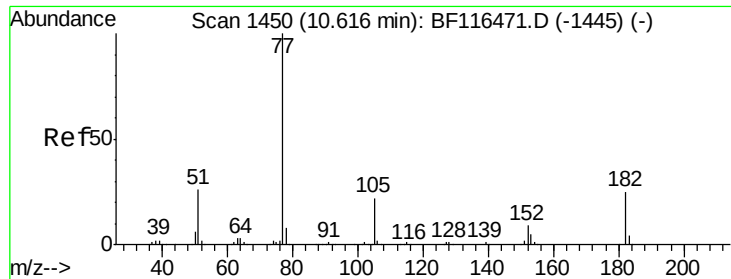
#62
4-Nitroaniline
Concen: 0.271 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.25 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:138 Resp: 966
Ion Ratio Lower Upper
138 100
92 65.7 34.9 74.9
108 70.1 57.7 97.7



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: 0.147 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

Tot Ion: 77 Resp: 2214

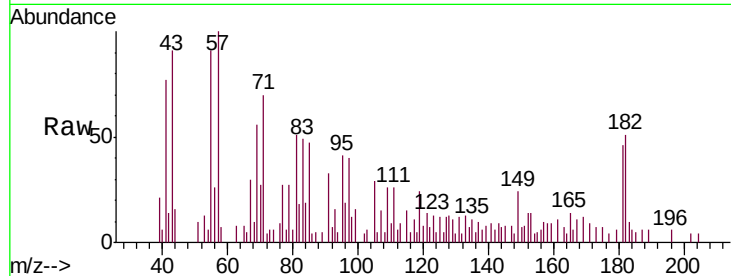
Ion Ratio Lower Upper

77 100

182 189.8 5.4 45.4#

105 108.2 1.6 41.6#

51 35.4 6.2 46.2

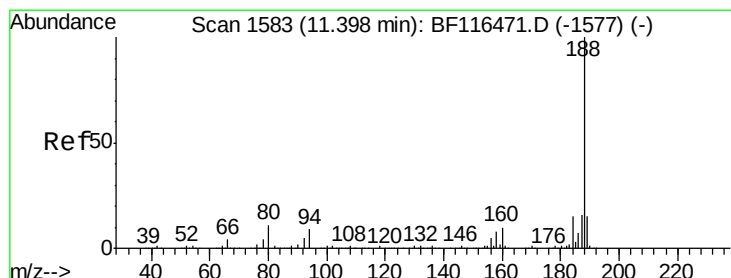
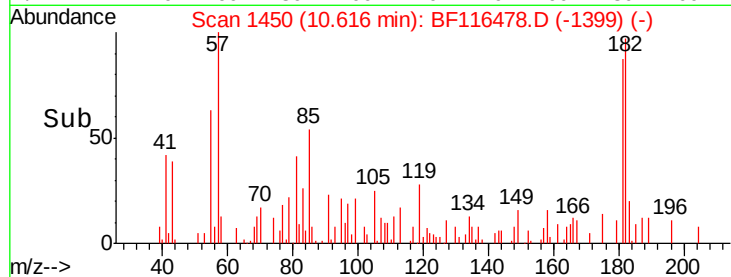
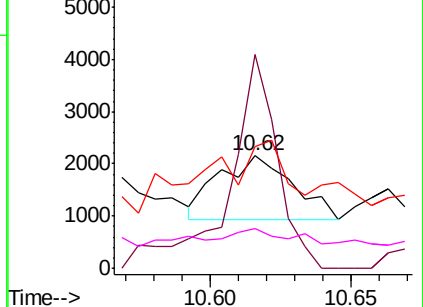


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

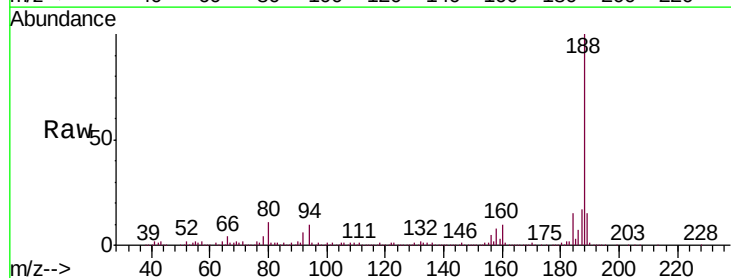
Tgt Ion: 188 Resp: 268950

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

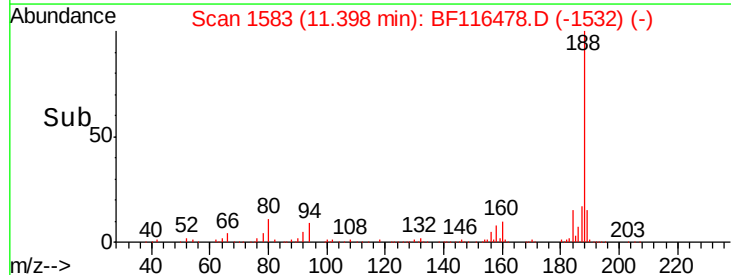
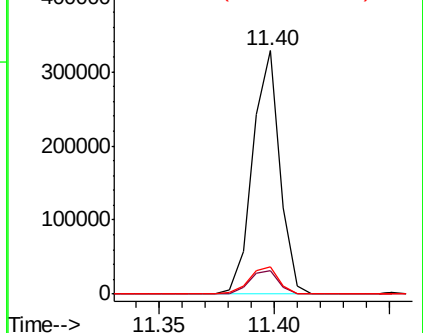
80 11.0 8.6 12.8

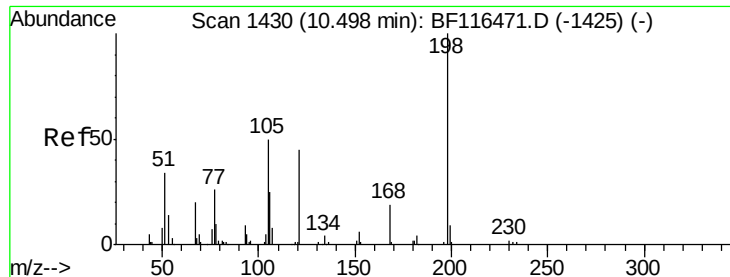


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 7.106 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

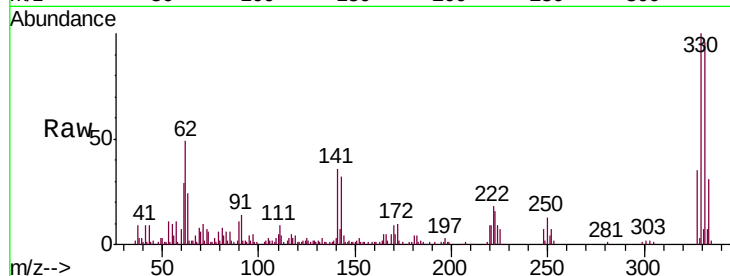
Tot Ion:198 Resp: 130

Ion Ratio Lower Upper

198 100

51 247.2 30.4 70.4#

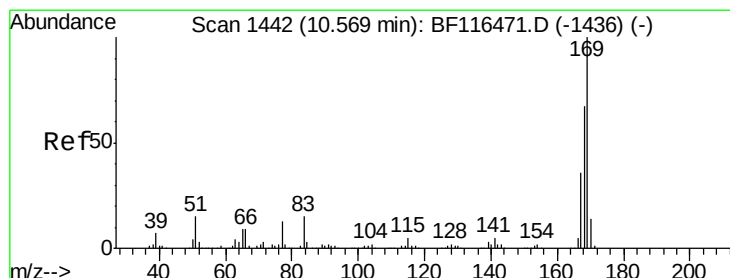
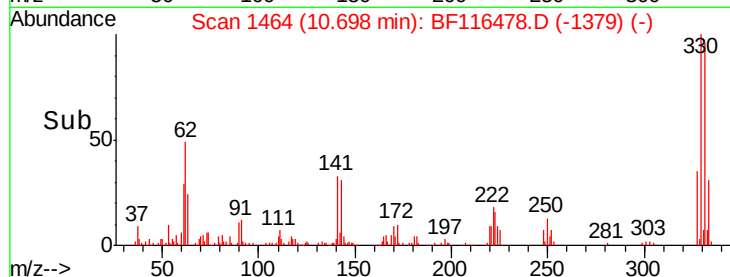
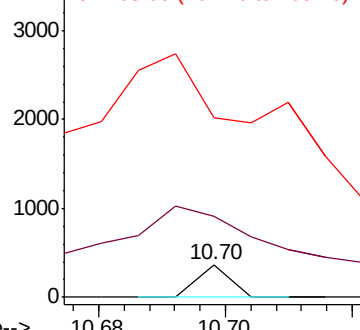
105 548.0 32.8 72.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.495 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

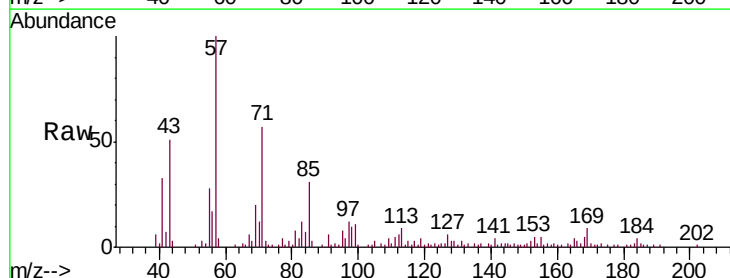
Tgt Ion:169 Resp: 4312

Ion Ratio Lower Upper

169 100

168 53.2 53.6 80.4#

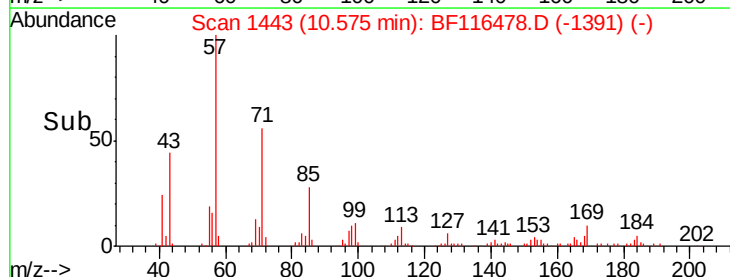
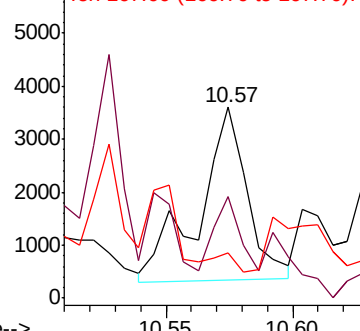
167 23.7 28.7 43.1#

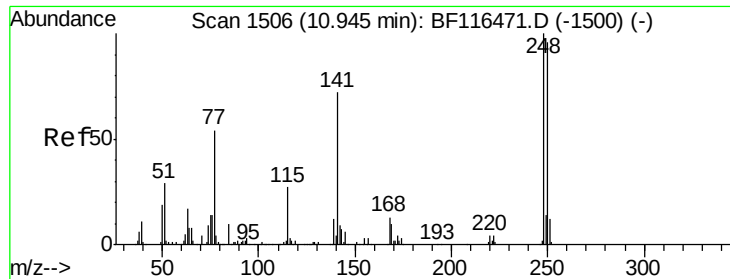


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

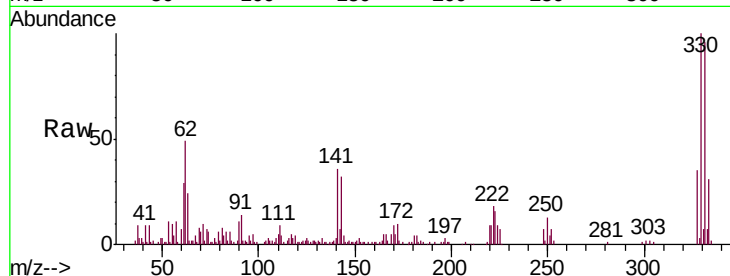




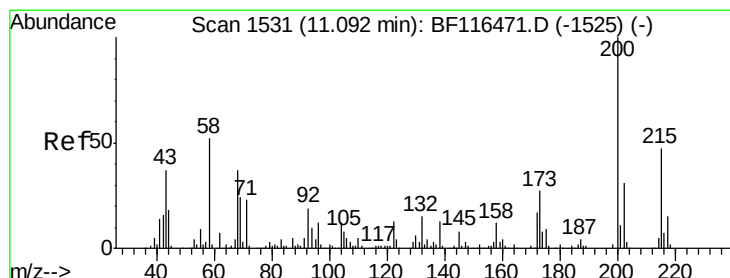
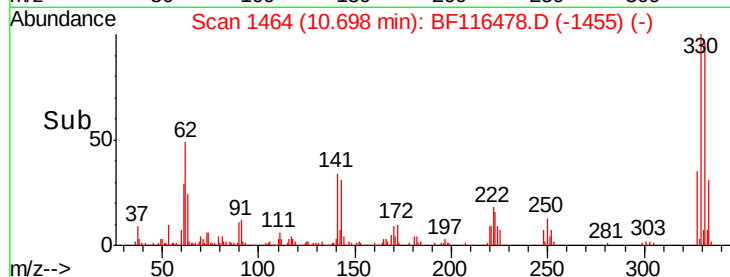
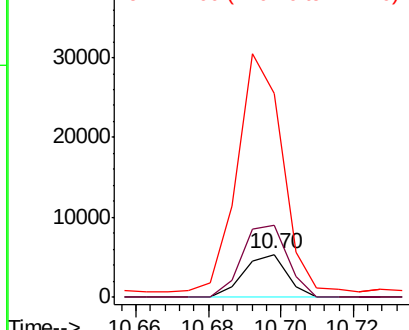
#67
 4-Bromophenyl-phenylether
 Concen: 1.571 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

Tot Ion:248 Resp: 4430
 Ion Ratio Lower Upper
 248 100
 250 168.2 77.0 115.6#
 141 477.5 57.4 86.0#

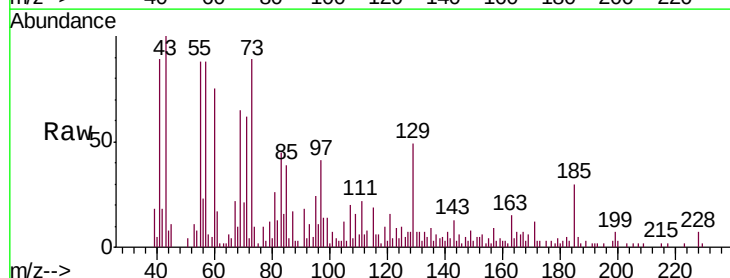


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

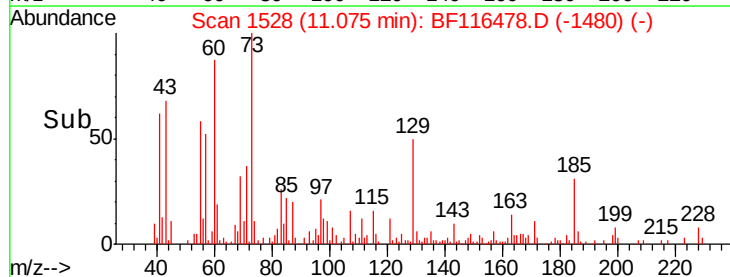
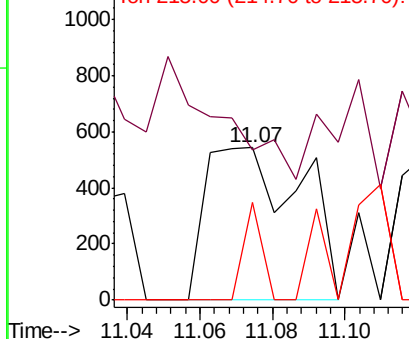


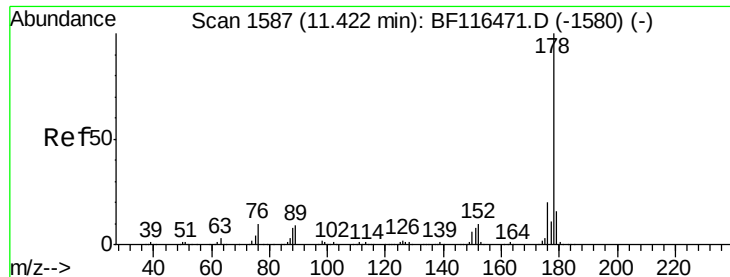
#69
 Atrazine
 Concen: 0.381 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Tgt Ion:200 Resp: 995
 Ion Ratio Lower Upper
 200 100
 173 98.5 7.3 47.3#
 215 63.9 26.7 66.7



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

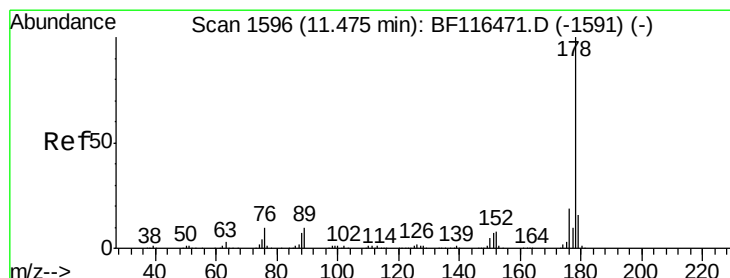
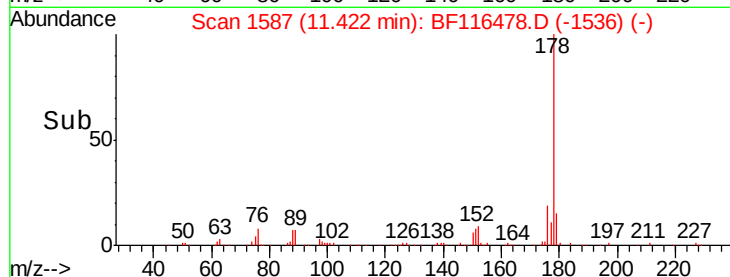
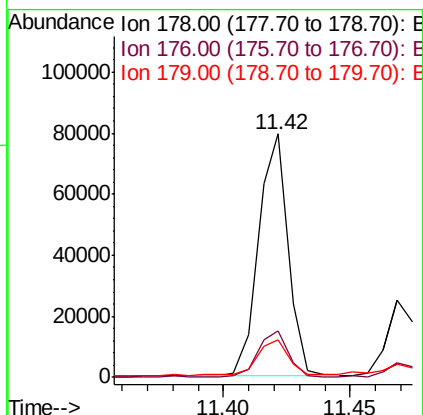
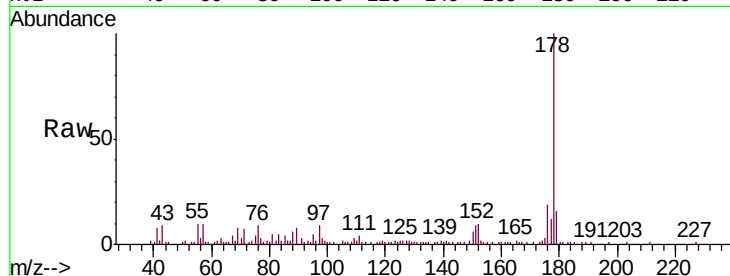




#71
Phenanthrene
Concen: 4.415 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

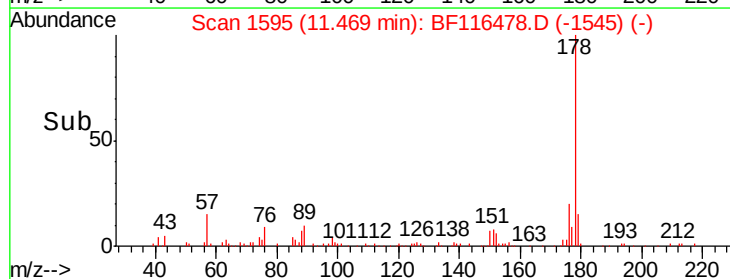
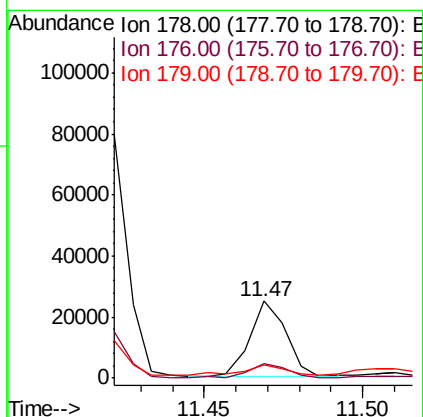
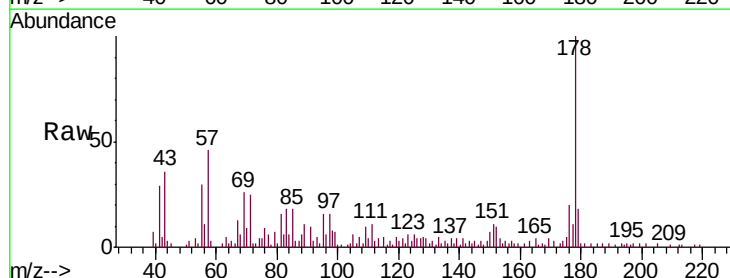
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

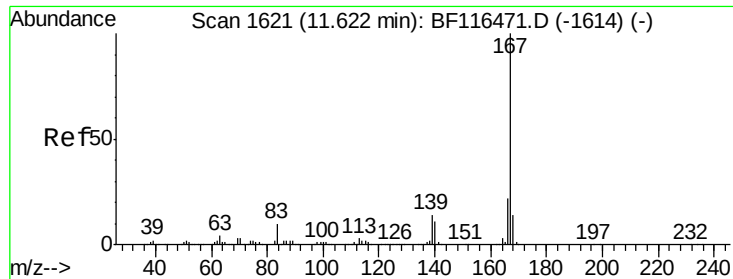
Tot Ion:178 Resp: 64686
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 12.8 19.2



#72
Anthracene
Concen: 1.299 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion:178 Resp: 19120
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 17.8 12.5 18.7

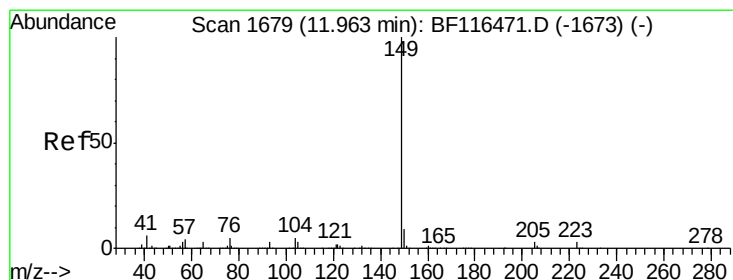
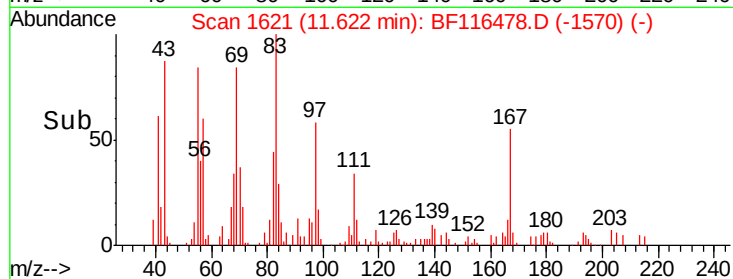
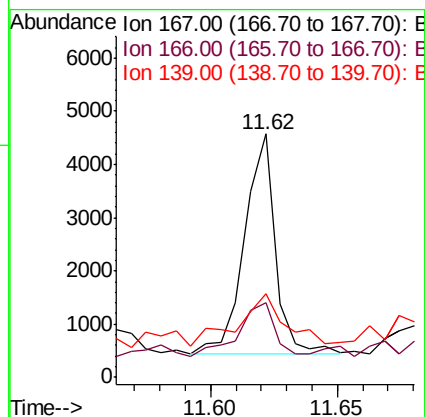
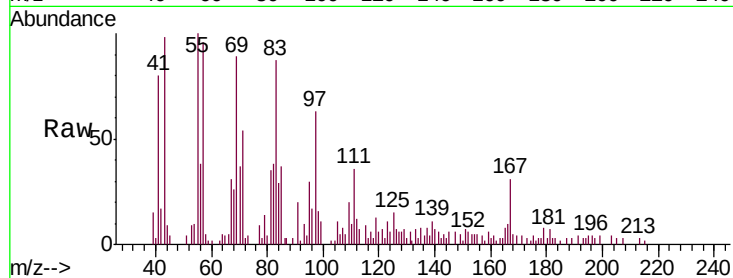




#73
 Carbazole
 Concen: 0.264 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

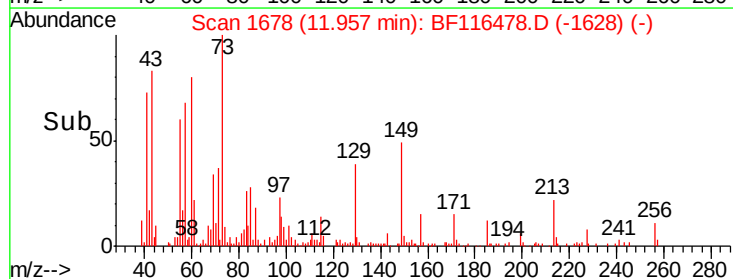
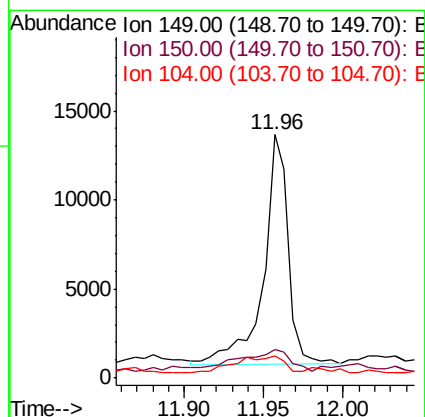
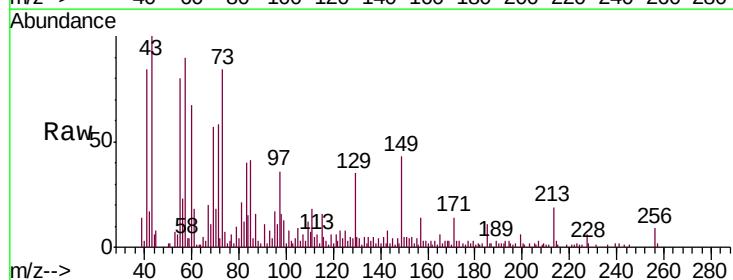
Instrument :
 BNA_F
 ClientSampleId :
 CFVP-228LRE

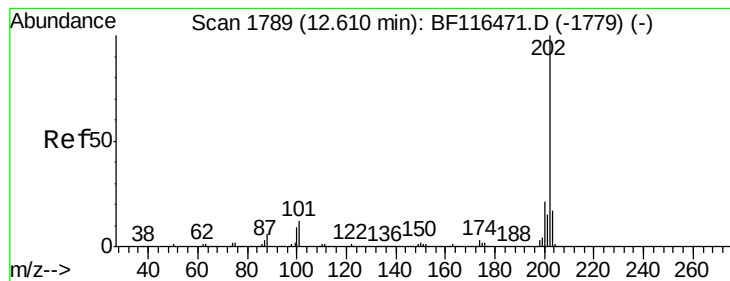
Tot Ion:167 Resp: 3490
 Ion Ratio Lower Upper
 167 100
 166 30.7 17.8 26.6#
 139 34.5 10.9 16.3#



#74
 Di-n-butylphthalate
 Concen: 0.862 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116478.D
 Acq: 23 Aug 2019 15:12

Tgt Ion:149 Resp: 14117
 Ion Ratio Lower Upper
 149 100
 150 11.8 7.5 11.3#
 104 9.2 4.1 6.1#





#75

Fluoranthene

Concen: 3.670 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

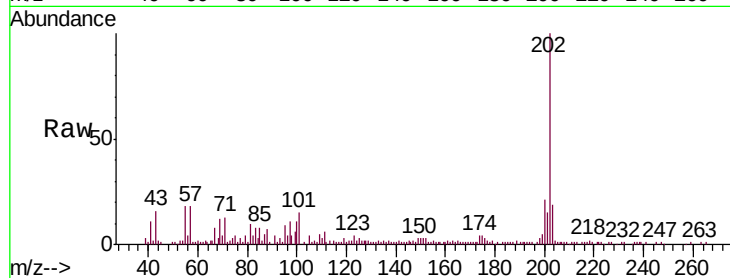
Tot Ion:202 Resp: 55598

Ion Ratio Lower Upper

202 100

101 14.6 0.0 31.5

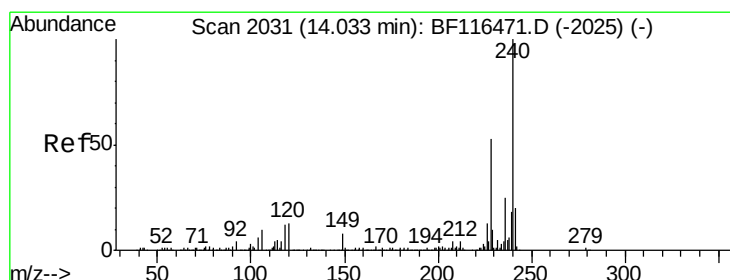
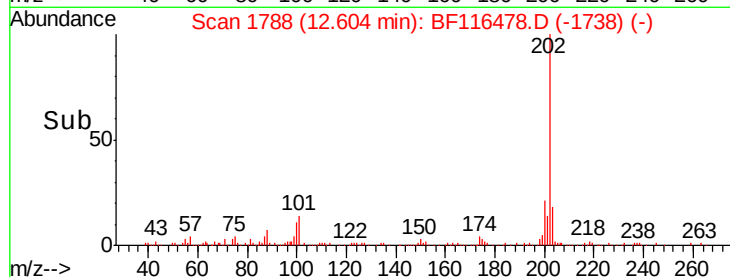
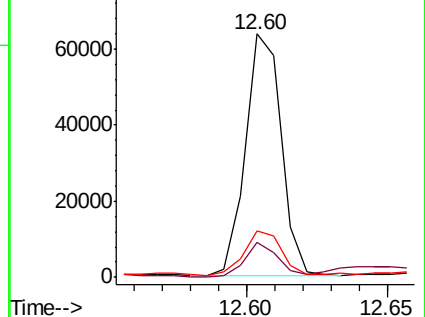
203 19.1 0.0 37.5



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

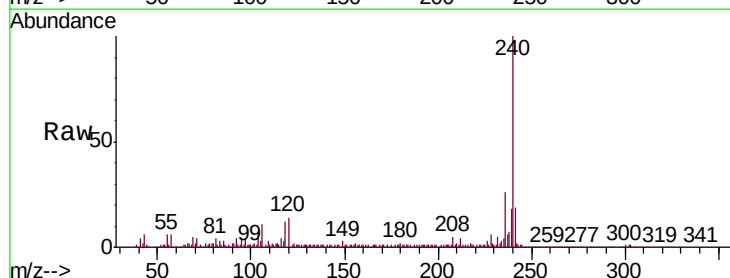
Tgt Ion:240 Resp: 192136

Ion Ratio Lower Upper

240 100

120 14.2 10.5 15.7

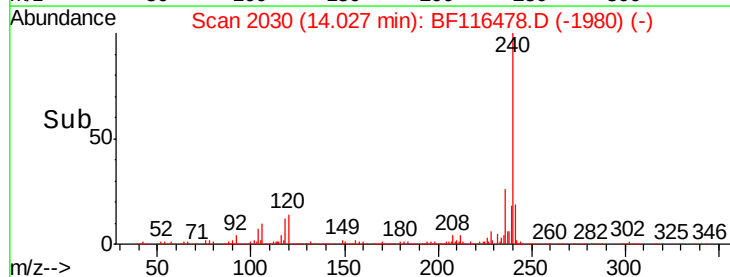
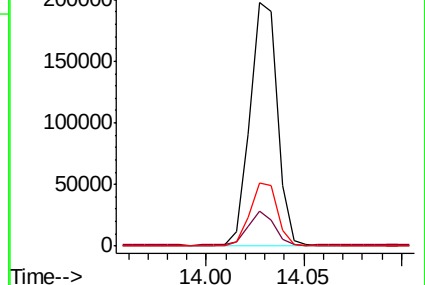
236 25.9 20.2 30.2

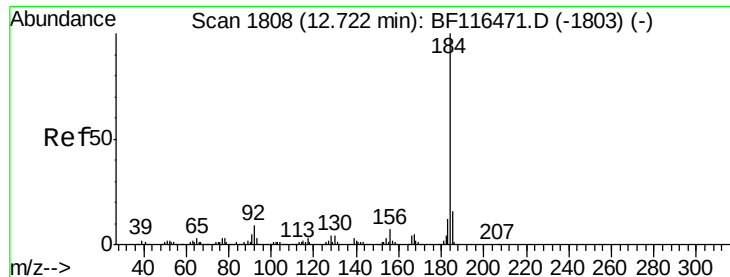


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.290 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

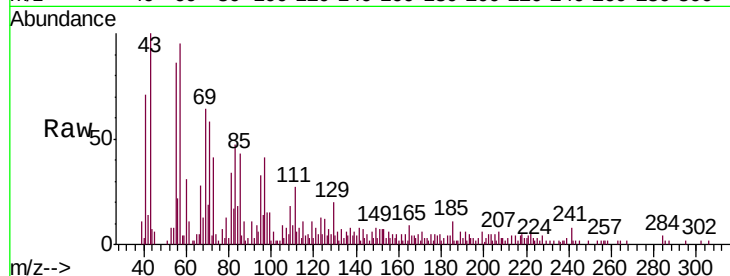
Tot Ion:184 Resp: 2244

Ion Ratio Lower Upper

184 100

185 277.1 13.0 19.4#

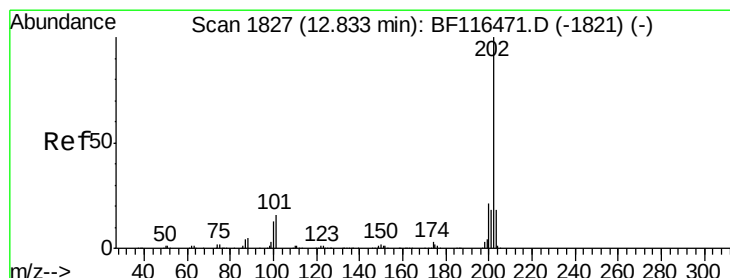
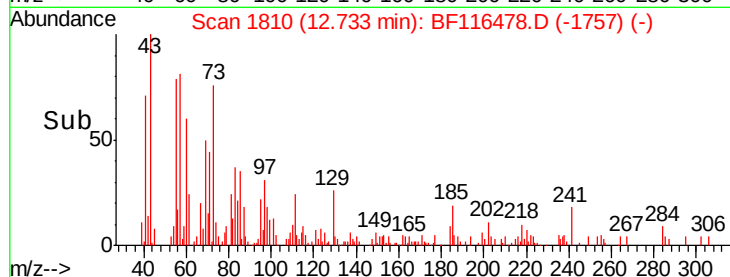
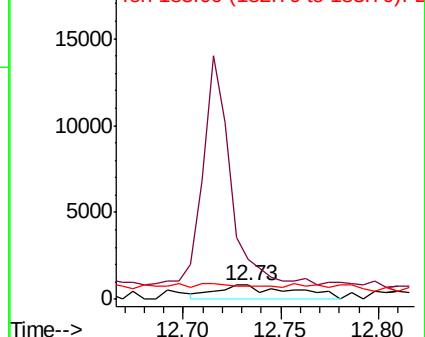
183 93.0 9.8 14.6#



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: 4.501 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

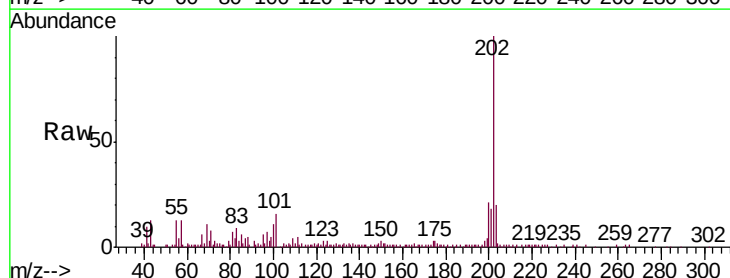
Tgt Ion:202 Resp: 69157

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

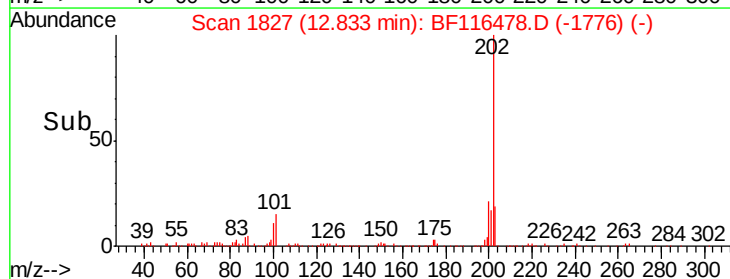
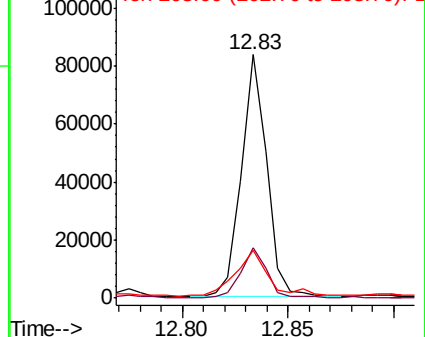
203 19.7 14.2 21.4

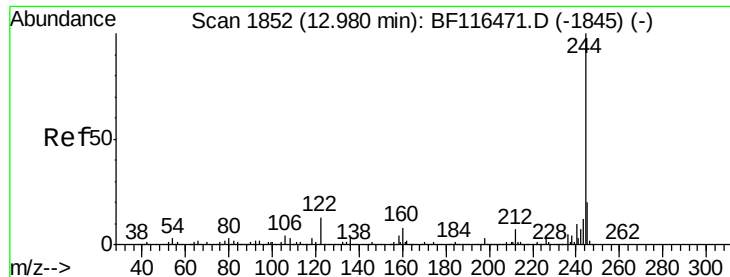


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 39.072 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

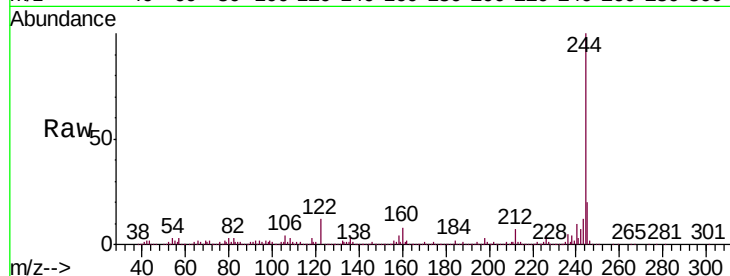
Tot Ion:244 Resp: 401906

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

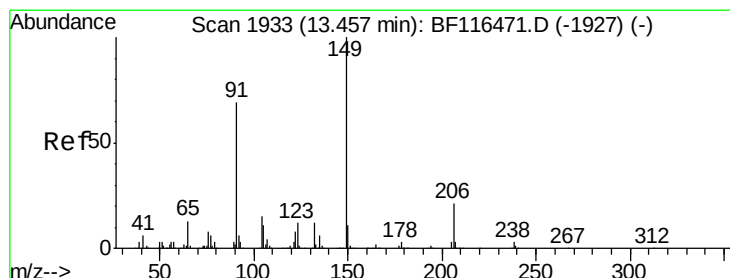
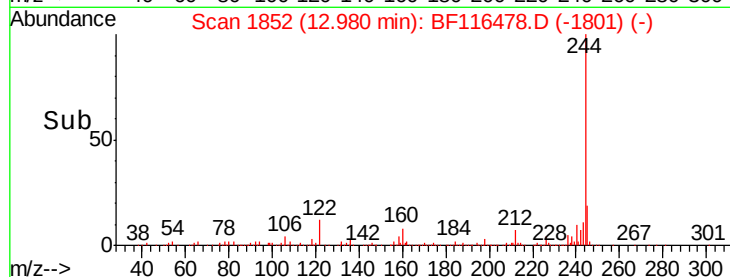
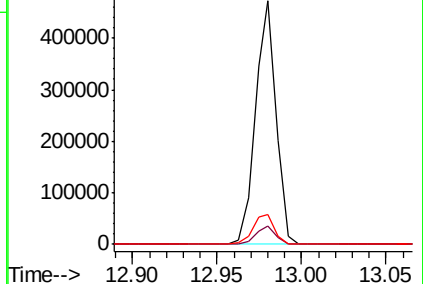
122 12.3 10.2 15.4



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: 0.117 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

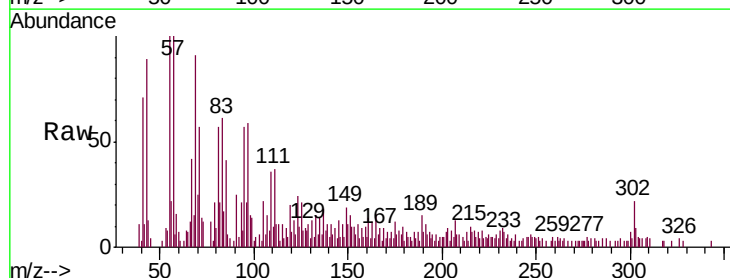
Tgt Ion:149 Resp: 774

Ion Ratio Lower Upper

149 100

91 130.4 54.9 82.3#

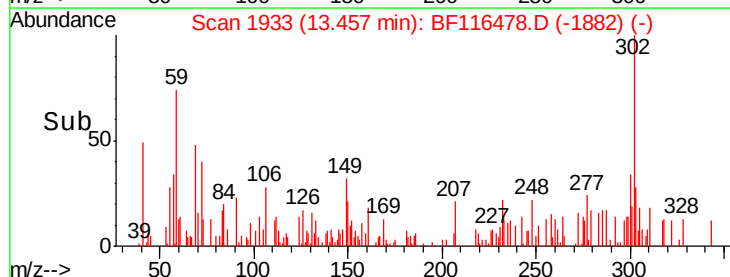
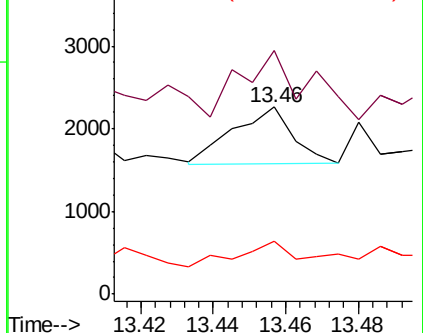
206 28.2 16.6 24.8#

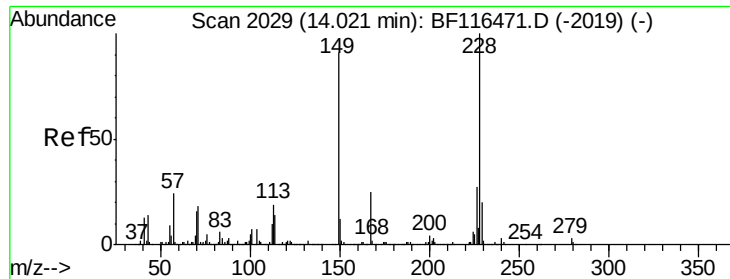


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.497 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

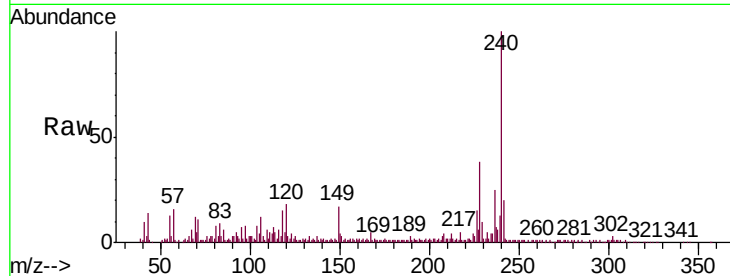
Tot Ion:228 Resp: 31072

Ion Ratio Lower Upper

228 100

226 40.6 21.8 32.6#

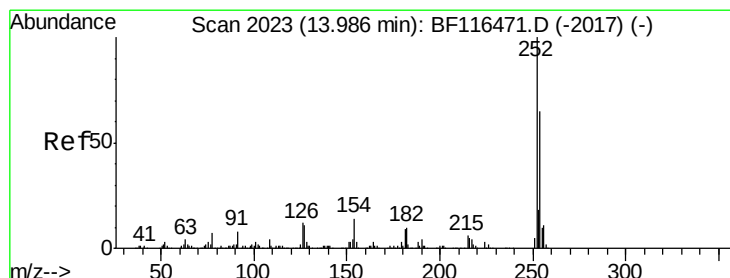
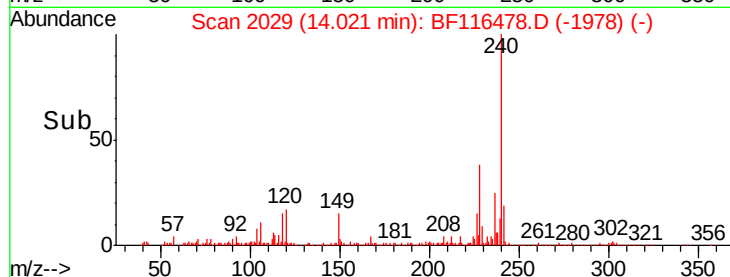
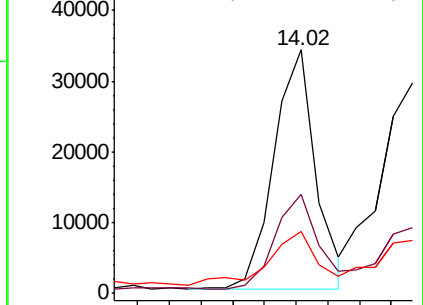
229 25.4 15.9 23.9#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.171 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

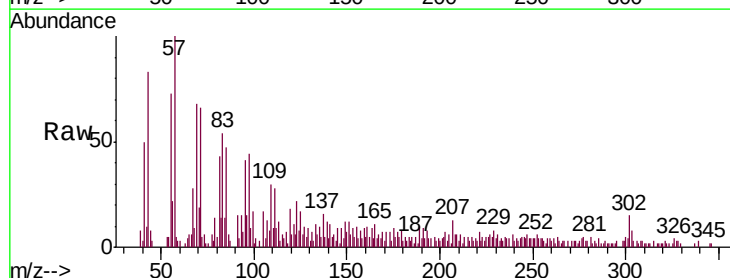
Tgt Ion:252 Resp: 760

Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

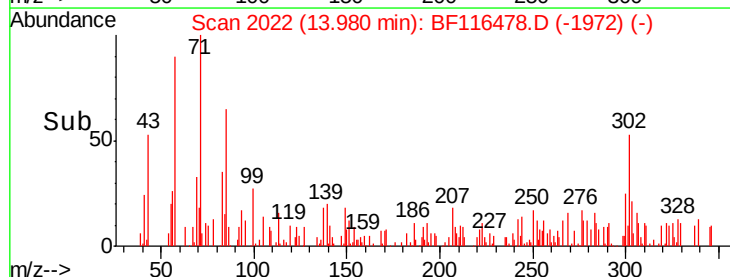
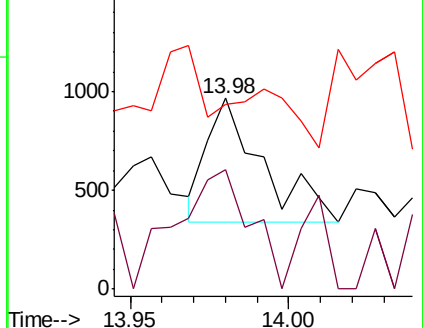
126 96.9 9.4 14.0#

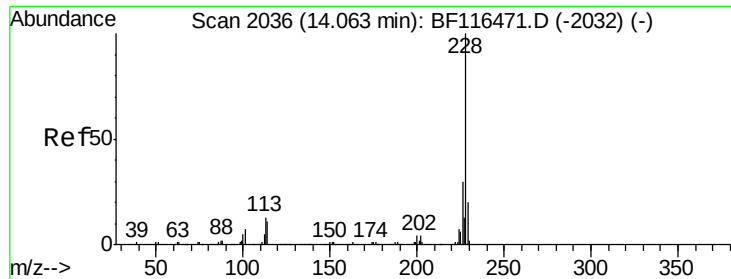


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 2.390 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

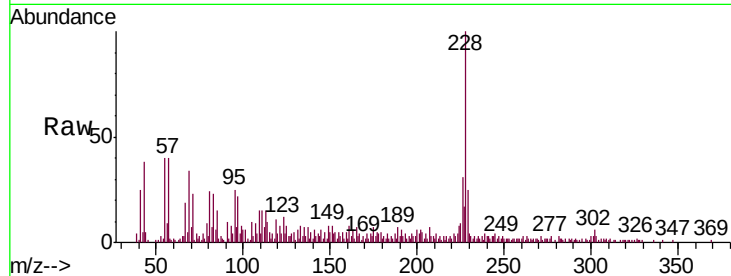
Tot Ion:228 Resp: 30142

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

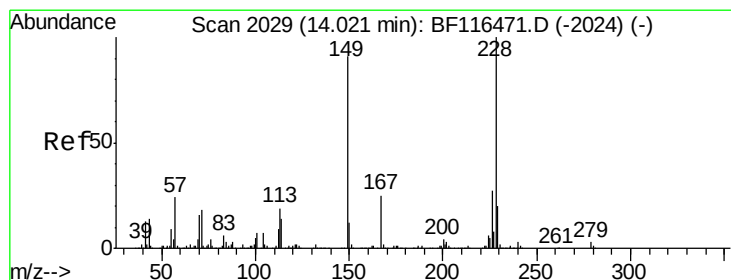
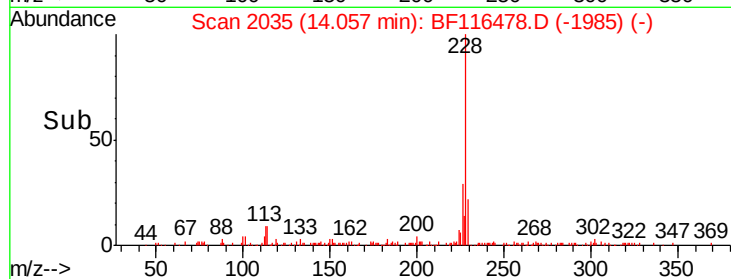
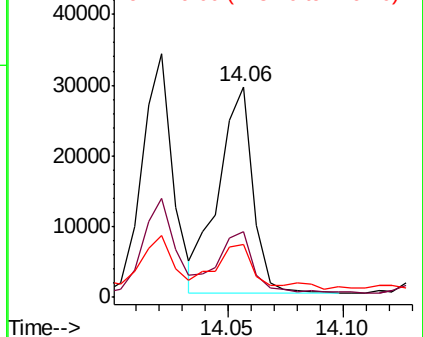
229 24.8 15.8 23.6#



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: 1.847 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

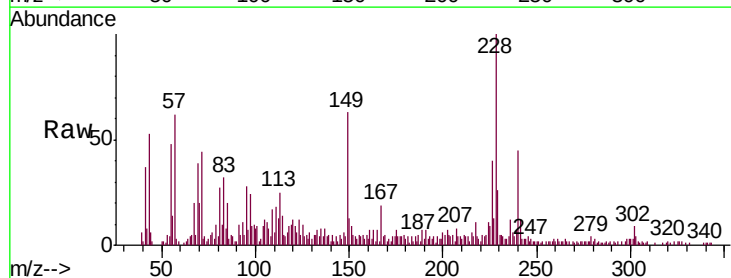
Tgt Ion:149 Resp: 16346

Ion Ratio Lower Upper

149 100

167 29.8 21.8 32.6

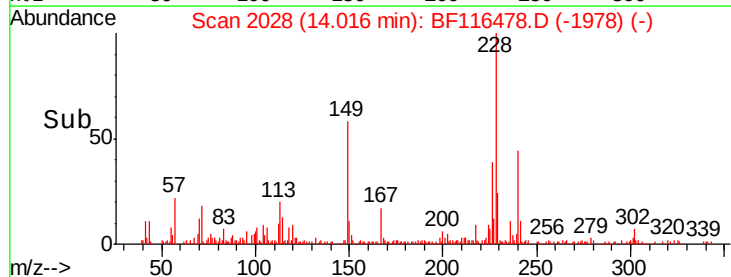
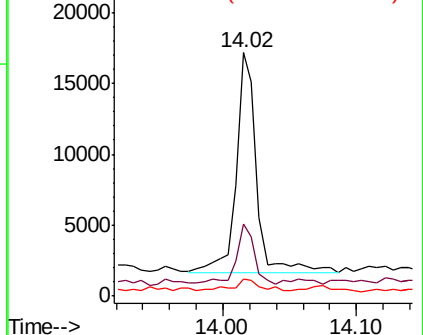
279 7.0 3.0 4.4#

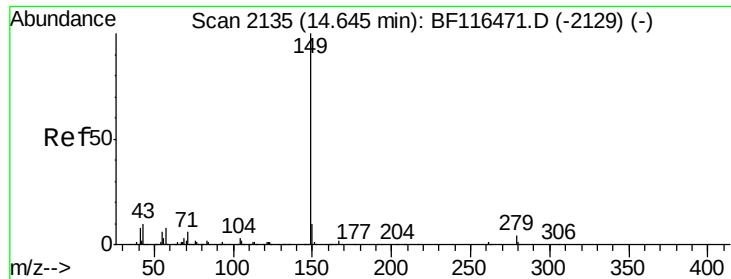


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

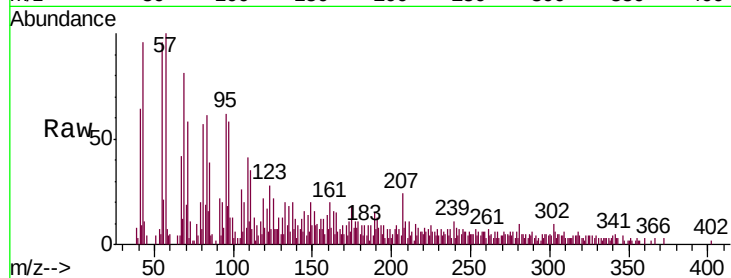




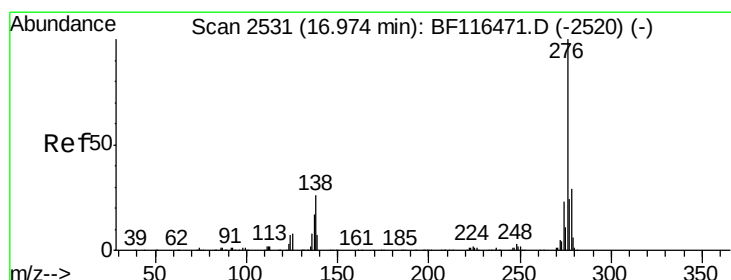
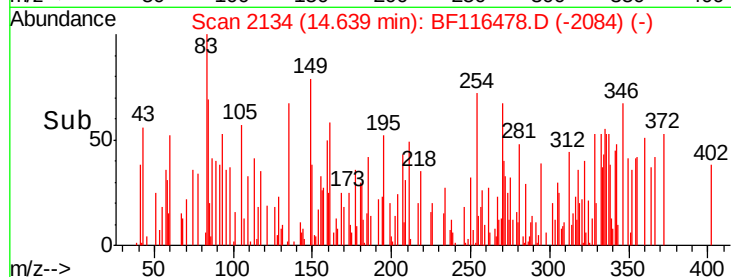
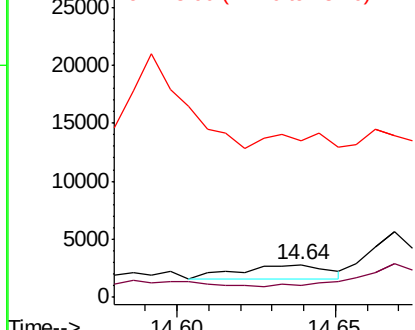
#85
Di-n-octyl phthalate
Concen: 0.150 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	63.6	7.8	11.8#

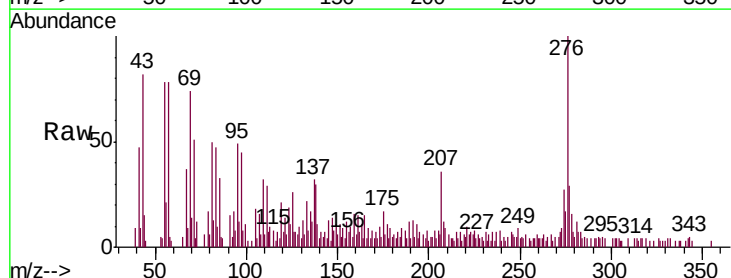


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

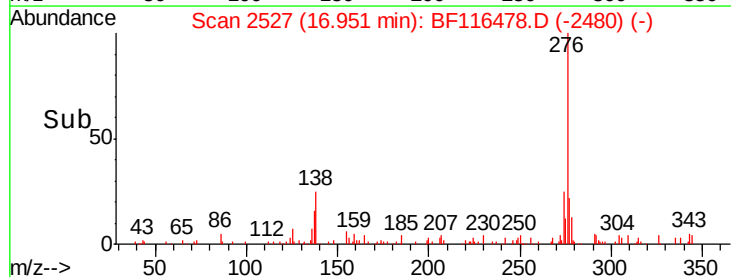
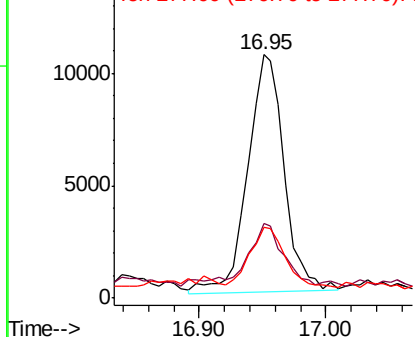


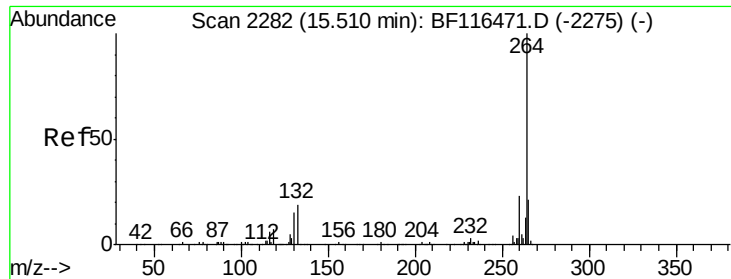
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.941 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.9	34.3
277	24.7	19.9	29.9



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

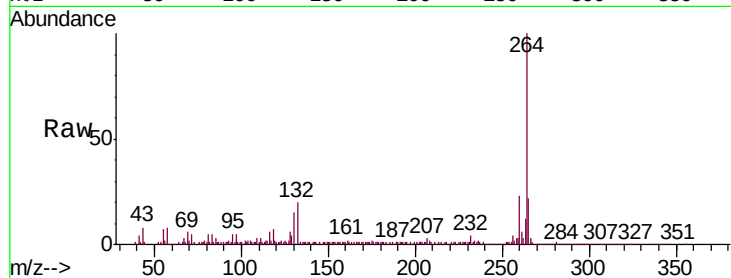
Tot Ion:264 Resp: 190006

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

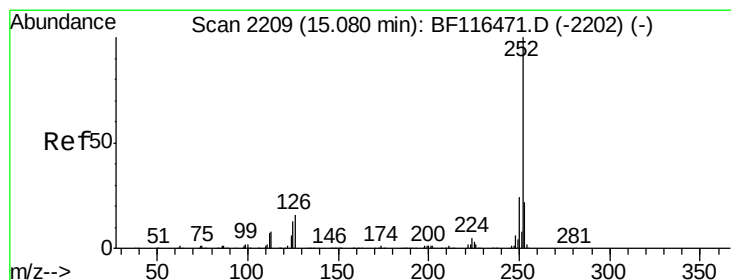
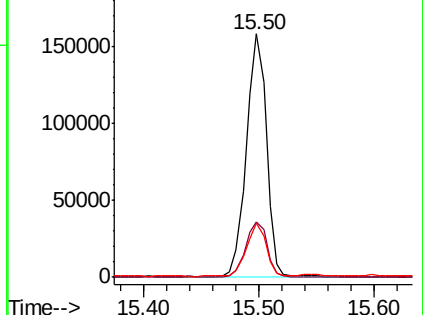
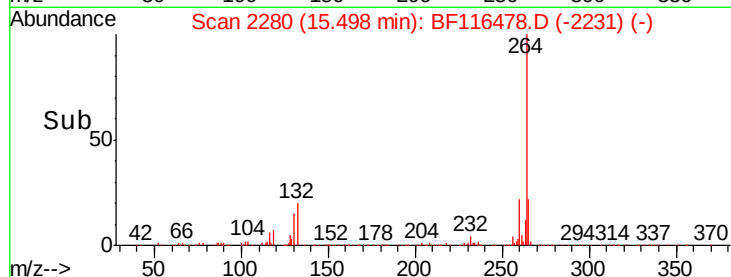
265 22.2 17.1 25.7



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: 4.533 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

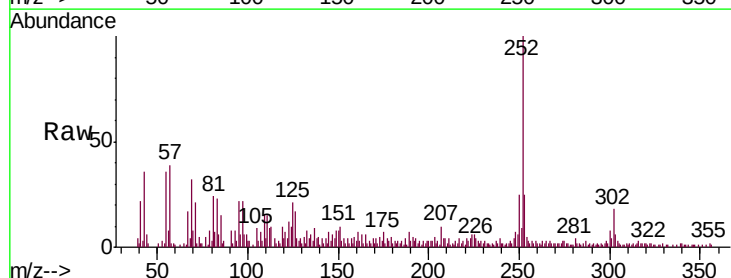
Tgt Ion:252 Resp: 53211

Ion Ratio Lower Upper

252 100

253 25.3 17.5 26.3

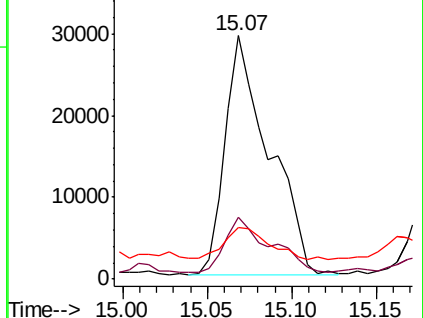
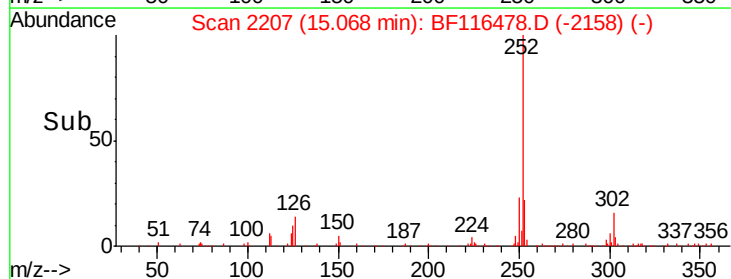
125 21.4 10.1 15.1#

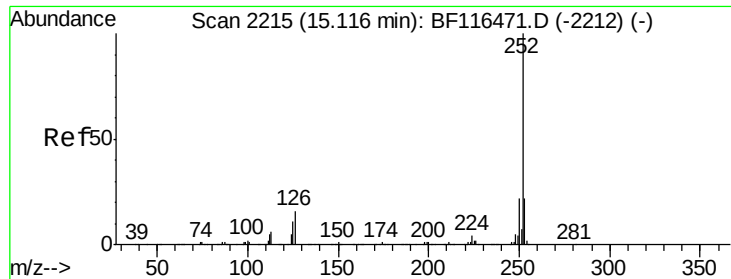


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

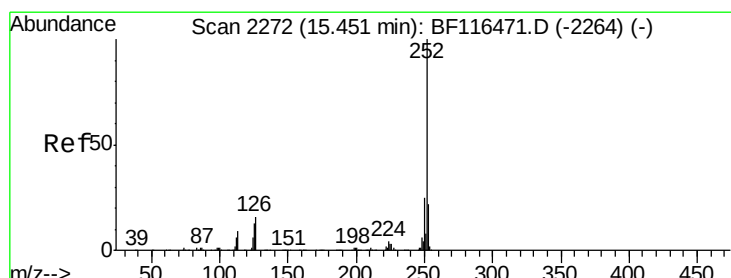
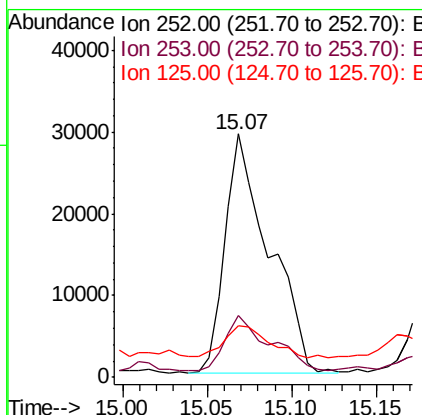
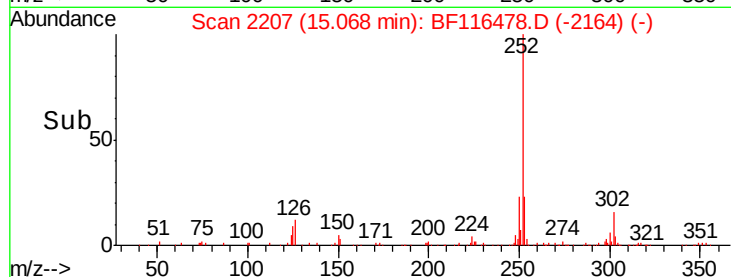
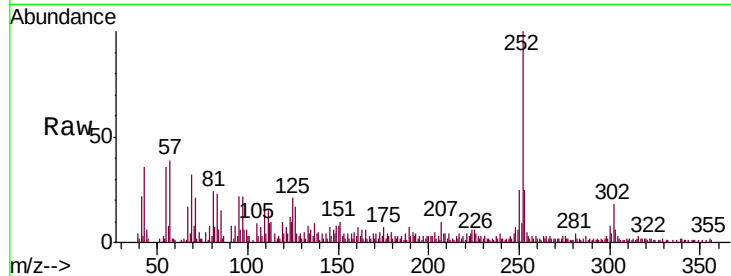




#89
Benzo(k)fluoranthene
Concen: 5.004 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

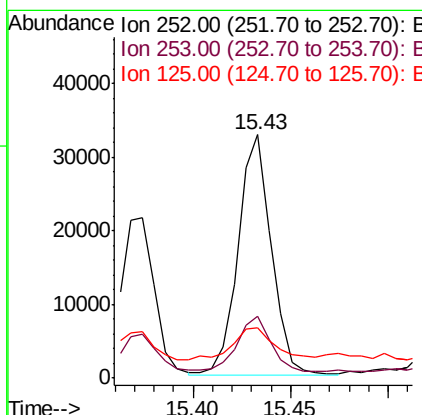
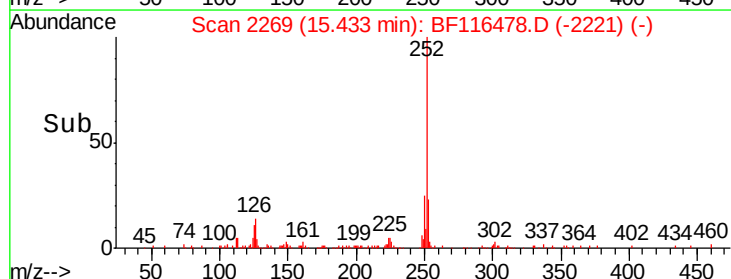
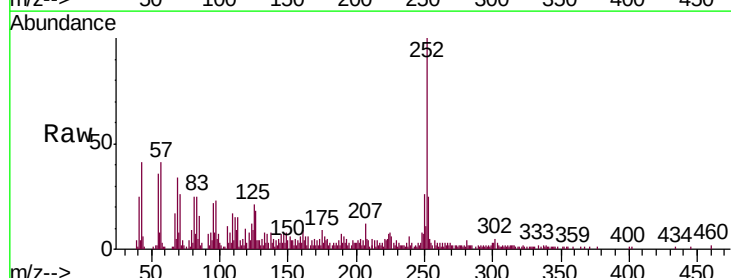
Instrument :
BNA_F
ClientSampleId :
CFVP-228LRE

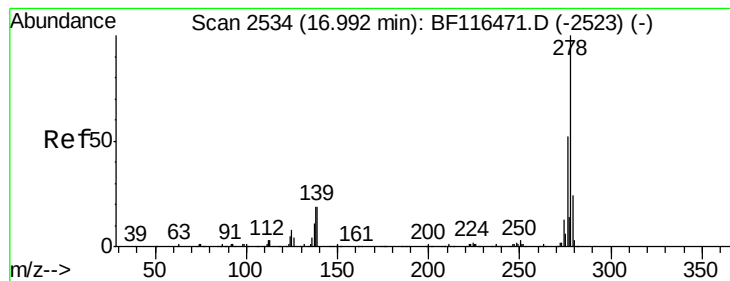
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	21.4	9.1	13.7



#90
Benzo(a)pyrene
Concen: 3.691 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116478.D
Acq: 23 Aug 2019 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	20.9	10.2	15.4





#91

Dibenzo(a,h)anthracene

Concen: 0.562 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

CFVP-228LRE

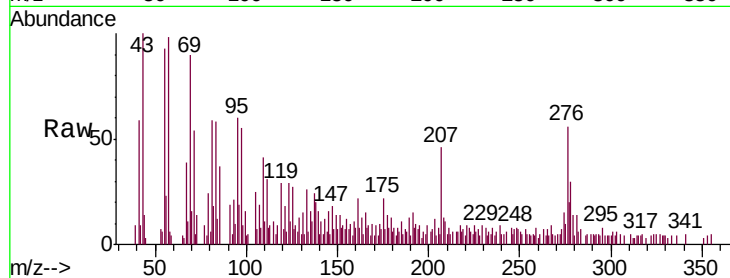
Tot Ion:278 Resp: 4793

Ion Ratio Lower Upper

278 100

139 54.8 15.3 22.9#

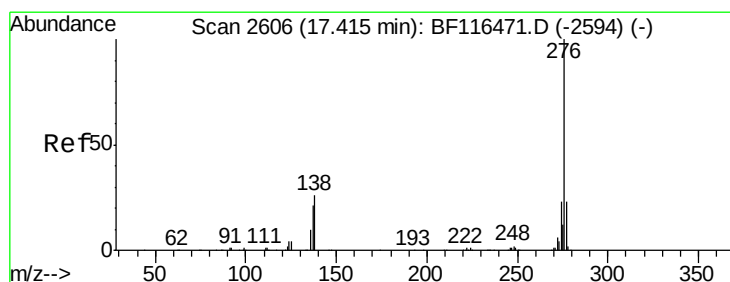
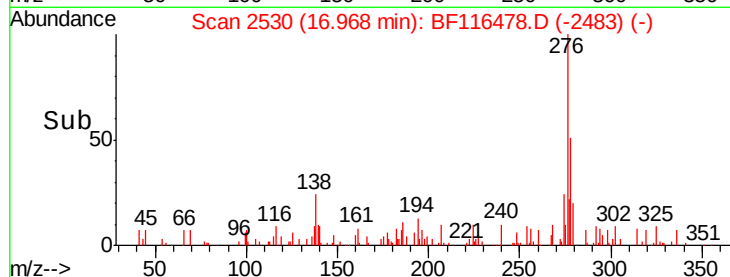
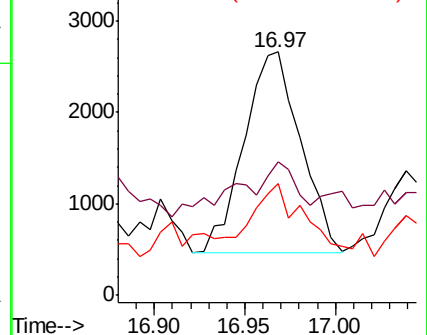
279 46.1 19.0 28.6#



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(g,h,i)perylene

Concen: 2.692 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF116478.D

Acq: 23 Aug 2019 15:12

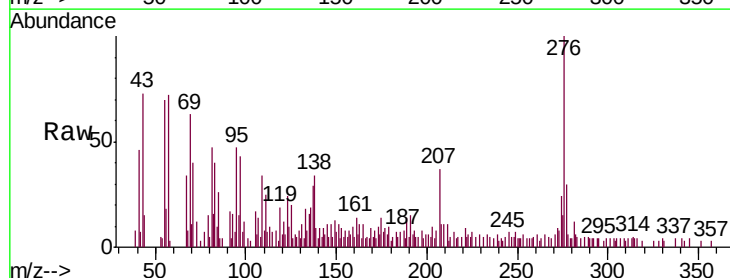
Tgt Ion:276 Resp: 21874

Ion Ratio Lower Upper

276 100

277 29.7 18.7 28.1#

138 33.7 20.8 31.2#



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

