

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114433.D
 Acq On : 20 May 2019 12:46
 Operator : JU/SJ
 Sample : K2943-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

Quant Time: May 21 11:15:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184370	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	664854	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	277300	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	466853	20.00	ng	0.00
76) Chrysene-d12	14.00	240	370654	20.00	ng	0.00
87) Perylene-d12	15.47	264	498521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1417529	123.73	ng	0.00
7) Phenol-d6	6.48	99	1809892	133.57	ng	0.00
23) Nitrobenzene-d5	7.39	82	1102817	93.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	340744	118.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1719256	93.79	ng	0.00
79) Terphenyl-d14	12.93	244	1360711	75.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	204583	32.487	ng	98
3) Pyridine	3.39	79	386402	22.270	ng	95
4) n-Nitrosodimethylamine	3.32	42	314055	37.536	ng	95
6) Aniline	6.50	93	385774	19.709	ng	# 33
8) 2-Chlorophenol	6.62	128	546699	44.699	ng	97
9) Benzaldehyde	6.38	77	373353	39.357	ng	99
10) Phenol	6.49	94	674835	42.335	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	536775	44.356	ng	99
12) 1,3-Dichlorobenzene	6.77	146	575857	41.944	ng	98
13) 1,4-Dichlorobenzene	6.85	146	582469	42.102	ng	99
14) 1,2-Dichlorobenzene	7.00	146	540372	42.753	ng	98
15) Benzyl Alcohol	6.97	79	446967	42.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	945147	40.280	ng	76
17) 2-Methylphenol	7.09	107	427344	42.534	ng	94
18) Hexachloroethane	7.34	117	212085	40.841	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	362193	42.170	ng	99
20) 3+4-Methylphenols	7.25	107	543723	46.840	ng	# 63
22) Acetophenone	7.24	105	723298	49.108	ng	# 92
24) Nitrobenzene	7.42	77	572141	47.417	ng	94
25) Isophorone	7.65	82	988005	44.968	ng	99
26) 2-Nitrophenol	7.73	139	289913	49.523	ng	95
27) 2,4-Dimethylphenol	7.77	122	457555	49.765	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	633781	44.457	ng	99
29) 2,4-Dichlorophenol	7.98	162	426313	46.564	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	461051	44.286	ng	99
31) Naphthalene	8.13	128	1471794	47.391	ng	99
32) Benzoic acid	7.91	122	226557	36.524	ng	98
33) 4-Chloroaniline	8.19	127	184582	13.043	ng	98
34) Hexachlorobutadiene	8.25	225	251905	42.525	ng	99
35) Caprolactam	8.55	113	135126	45.263	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	428203	46.465	ng	99
37) 2-Methylnaphthalene	8.83	142	948203	47.322	ng	97
38) 1-Methylnaphthalene	8.93	142	885832	46.945	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	422104	50.250	ng	99

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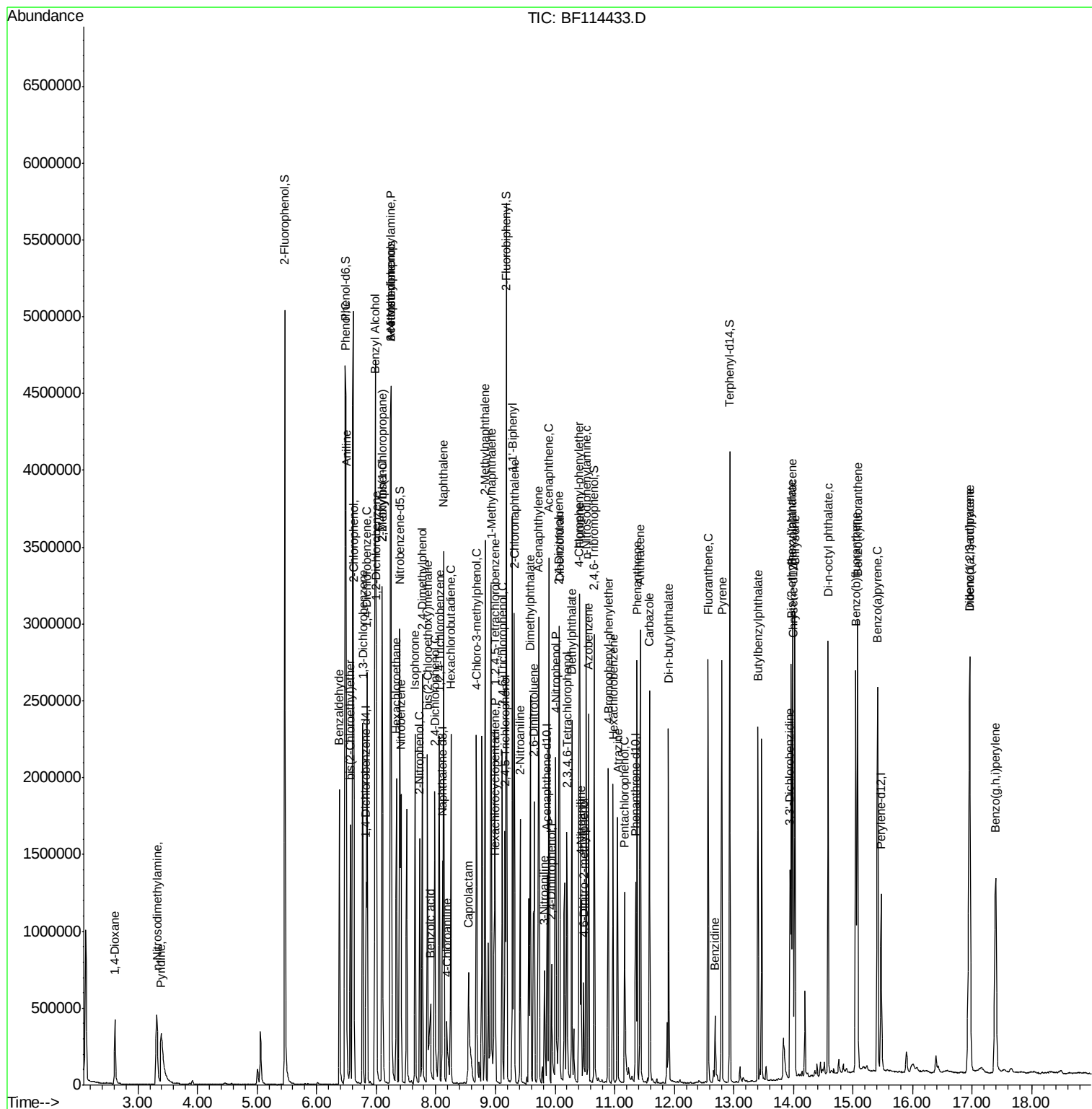
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	133196	36.520	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	269574	46.657	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	281830	47.563	ng	95
46) 1,1'-Biphenyl	9.29	154	1111763	49.628	ng	98
47) 2-Chloronaphthalene	9.32	162	839584	46.569	ng	98
48) 2-Nitroaniline	9.42	65	284935	44.563	ng	95
49) Acenaphthylene	9.73	152	1313507	47.902	ng	99
50) Dimethylphthalate	9.59	163	1097837	53.931	ng	100
51) 2,6-Dinitrotoluene	9.65	165	209724	46.450	ng	97
52) Acenaphthene	9.90	154	752742	44.735	ng	100
53) 3-Nitroaniline	9.82	138	114783	20.480	ng	97
54) 2,4-Dinitrophenol	9.95	184	124000	56.758	ng	95
55) Dibenzofuran	10.07	168	1104269	44.755	ng	96
56) 4-Nitrophenol	10.00	139	258533	65.227	ng	97
57) 2,4-Dinitrotoluene	10.06	165	256201	41.807	ng	92
58) Fluorene	10.42	166	855458	44.886	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	213222	41.705	ng	99
60) Diethylphthalate	10.28	149	875198	42.314	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	407894	43.576	ng	100
62) 4-Nitroaniline	10.44	138	204186	34.669	ng	97
63) Azobenzene	10.56	77	846419	42.278	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	92549	41.256	ng	98
66) n-Nitrosodiphenylamine	10.52	169	741216	52.312	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	238187	46.338	ng	100
68) Hexachlorobenzene	10.97	284	252866	44.468	ng	99
69) Atrazine	11.05	200	199887	45.332	ng	99
70) Pentachlorophenol	11.17	266	198371	73.590	ng	97
71) Phenanthrene	11.38	178	1098214	48.352	ng	97
72) Anthracene	11.43	178	1133997	49.708	ng	99
73) Carbazole	11.59	167	1065659	48.986	ng	97
74) Di-n-butylphthalate	11.90	149	1170257	46.693	ng	100
75) Fluoranthene	12.57	202	1107306	45.272	ng	99
77) Benzidine	12.69	184	197903	11.895	ng	96
78) Pyrene	12.80	202	1144460	38.382	ng	99
80) Butylbenzylphthalate	13.40	149	488614	38.932	ng	99
81) Benzo(a)anthracene	13.99	228	1109113	46.264	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	318004	34.194	ng	100
83) Chrysene	14.02	228	1109562	47.213	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	678107	41.312	ng	100
85) Di-n-octyl phthalate	14.58	149	1291463	48.536	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1422577	68.493	ng	100
88) Benzo(b)fluoranthene	15.04	252	1295454	40.561	ng	99
89) Benzo(k)fluoranthene	15.07	252	1310339	44.663	ng	100
90) Benzo(a)pyrene	15.42	252	1332552	47.408	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1196744	51.238	ng	99
92) Benzo(g,h,i)perylene	17.39	276	1169632	49.970	ng	100

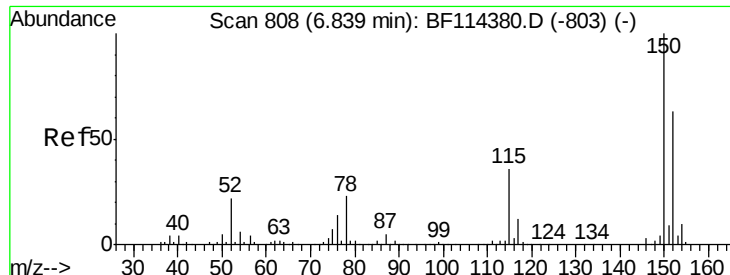
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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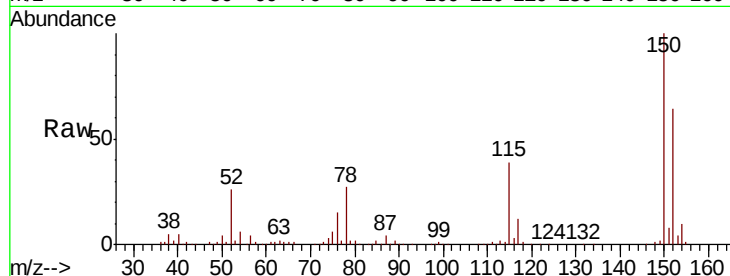


#1

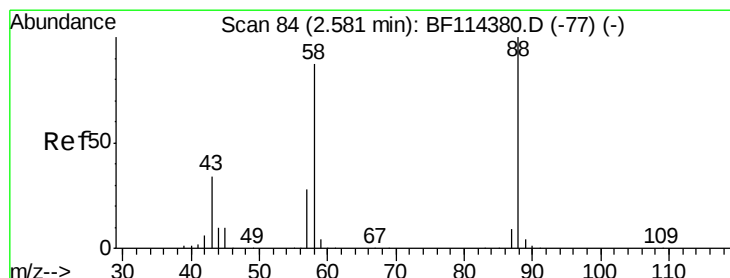
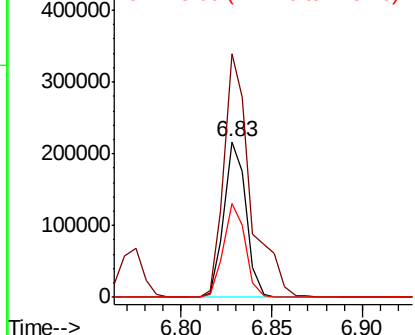
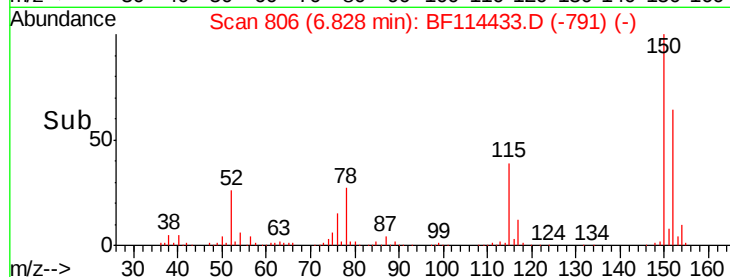
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

Tot Ion:152 Resp: 184370
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.3 186.5
 115 60.3 49.1 73.7



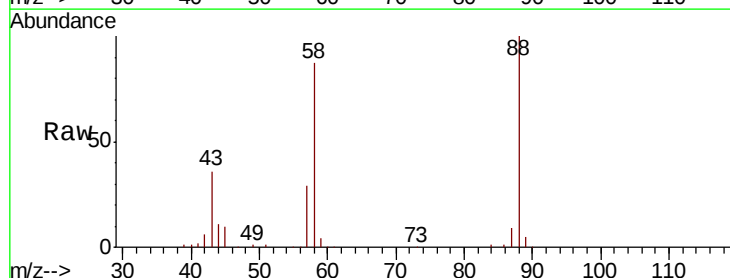
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



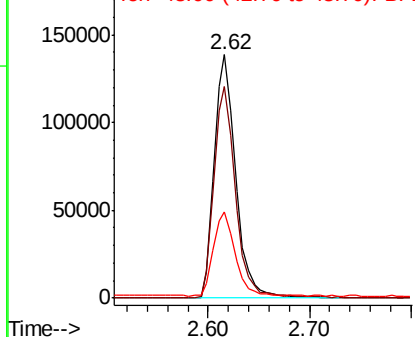
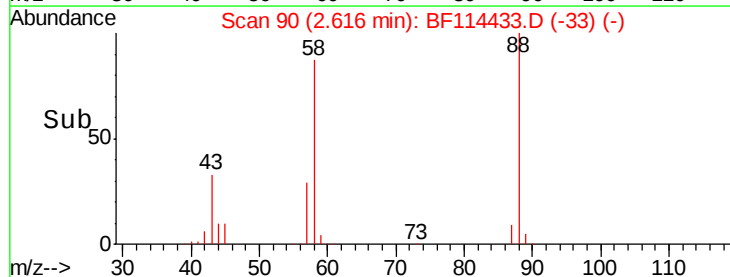
#2

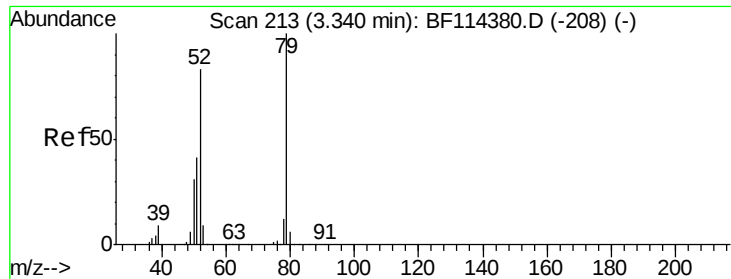
1,4-Dioxane
 Concen: 32.487 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.04 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion: 88 Resp: 204583
 Ion Ratio Lower Upper
 88 100
 58 87.8 68.7 103.1
 43 34.9 28.2 42.2



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: 22.270 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.05 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

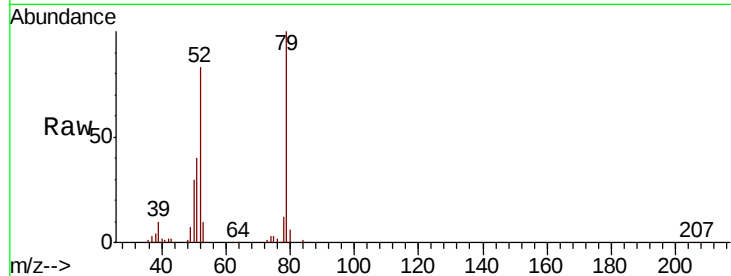
Tot Ion: 79 Resp: 386402

Ion Ratio Lower Upper

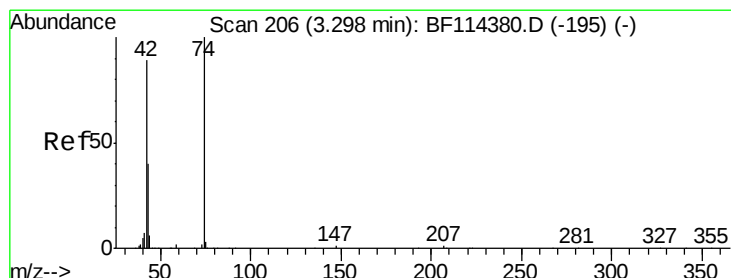
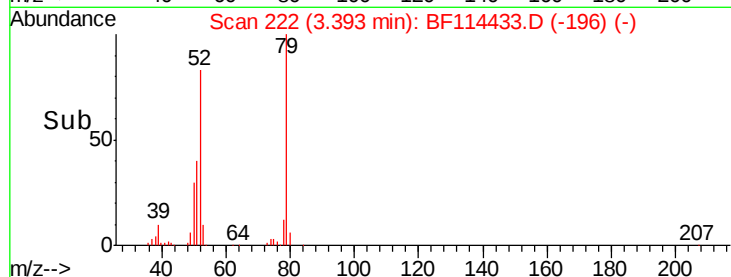
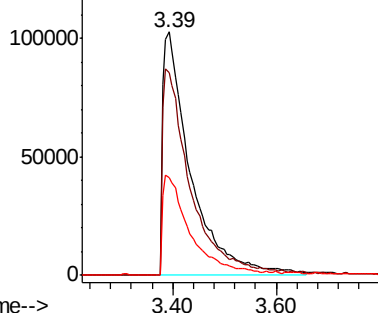
79 100

52 83.3 70.6 105.8

51 40.4 34.2 51.2



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: 37.536 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.02 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

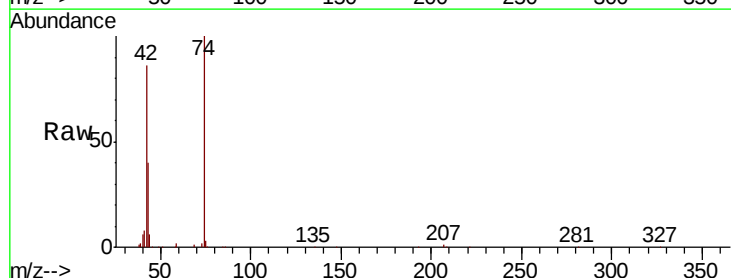
Tgt Ion: 42 Resp: 314055

Ion Ratio Lower Upper

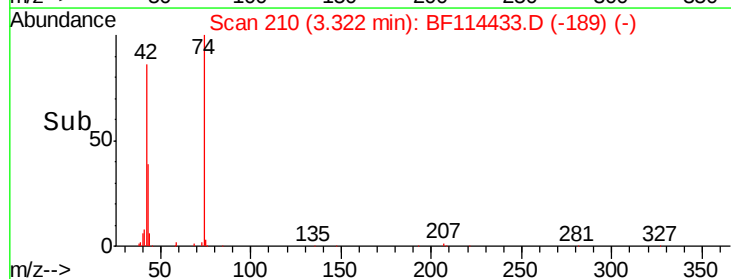
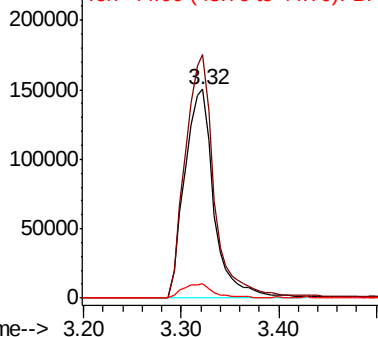
42 100

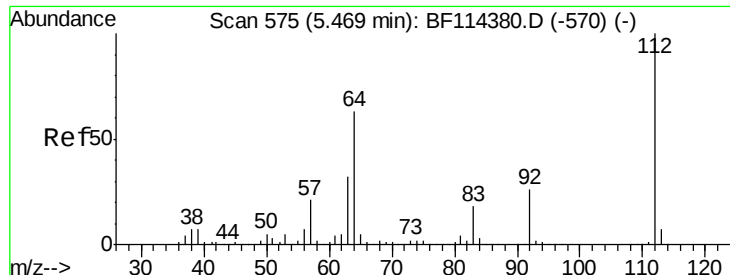
74 116.6 88.6 132.8

44 7.1 5.5 8.3



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





#5

2-Fluorophenol

Concen: 123.728 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

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ClientSampled :

GIS-5MS

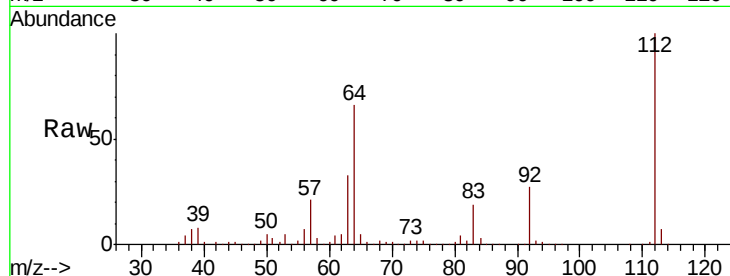
Tot Ion:112 Resp: 1417529

Ion Ratio Lower Upper

112 100

64 65.6 49.0 73.6

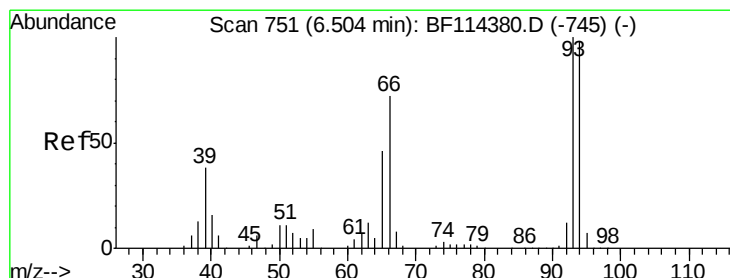
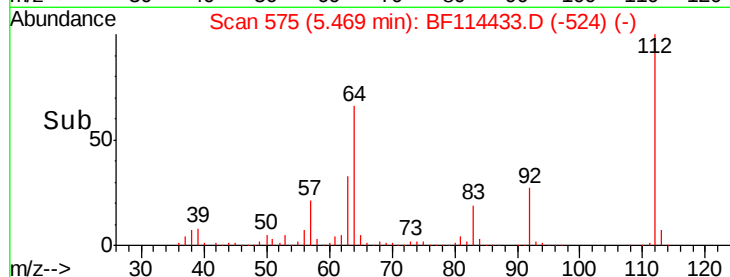
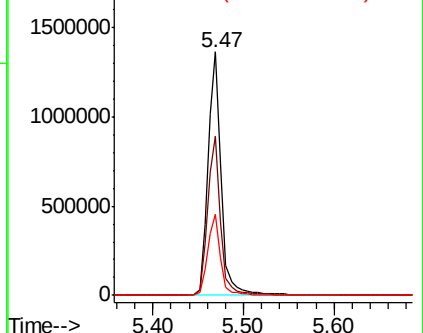
63 33.3 24.6 37.0



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: 19.709 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

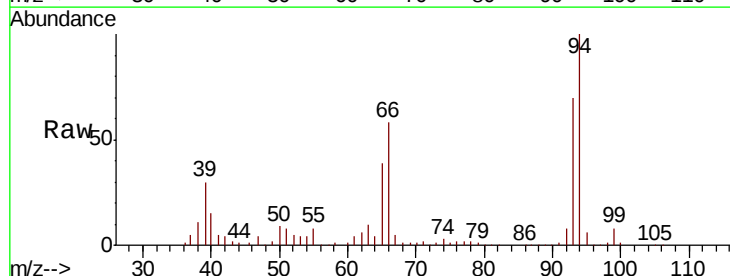
Tgt Ion: 93 Resp: 385774

Ion Ratio Lower Upper

93 100

66 82.8 33.2 49.8#

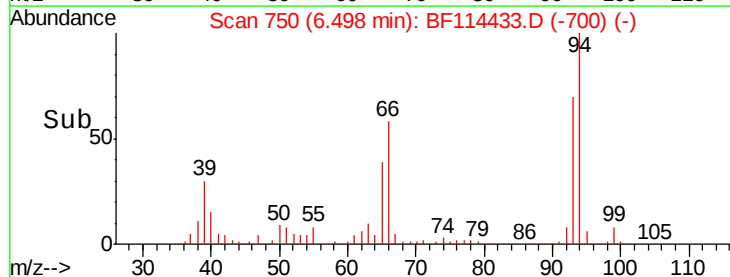
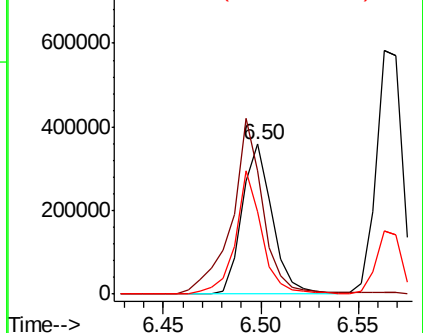
65 55.1 17.6 26.4#

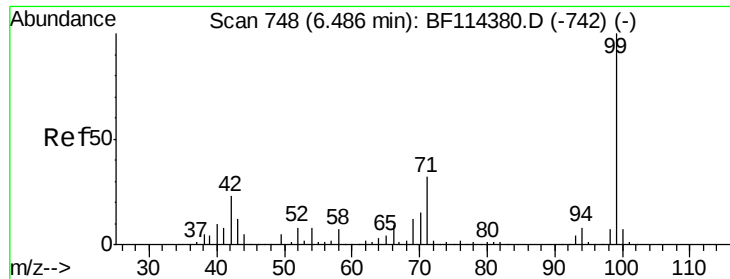


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.568 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

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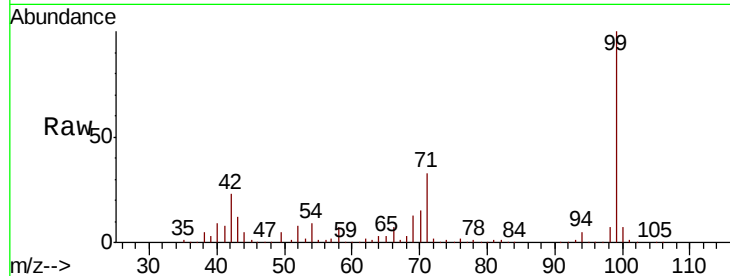
Tot Ion: 99 Resp: 1809892

Ion Ratio Lower Upper

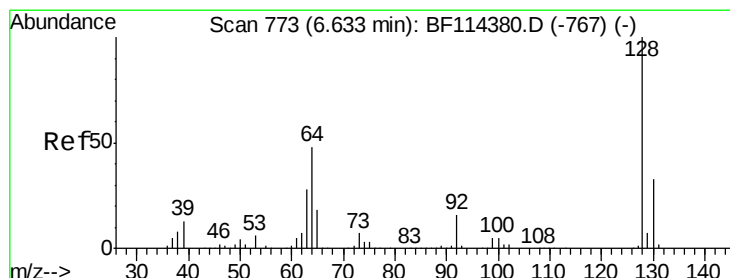
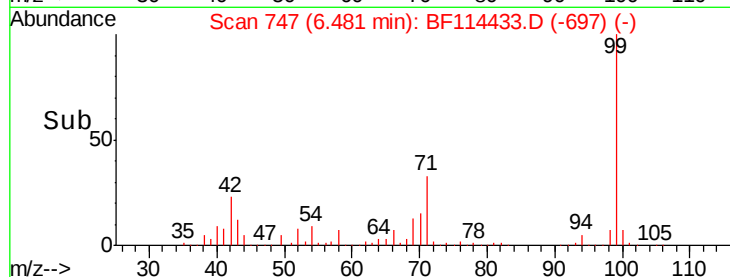
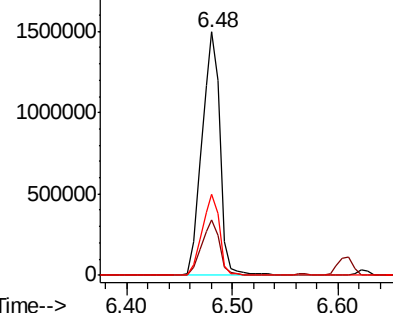
99 100

42 22.8 17.9 26.9

71 33.2 26.2 39.2



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



#8

2-Chlorophenol

Concen: 44.699 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

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Acq: 20 May 2019 12:46

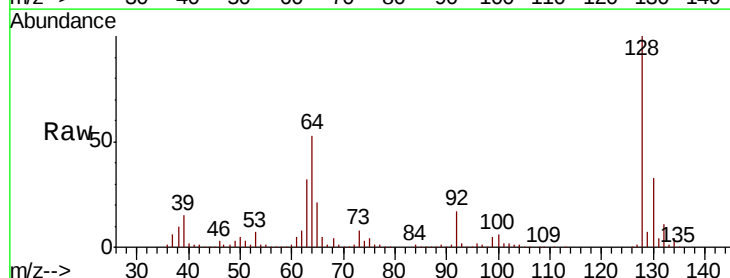
Tgt Ion:128 Resp: 546699

Ion Ratio Lower Upper

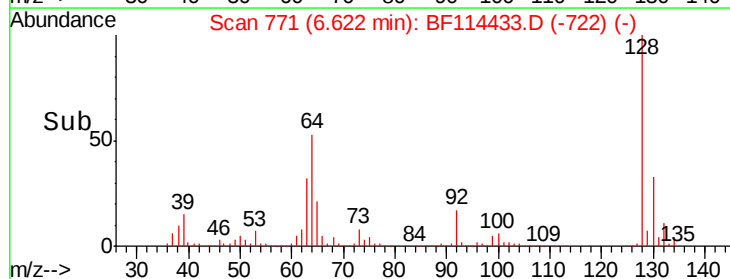
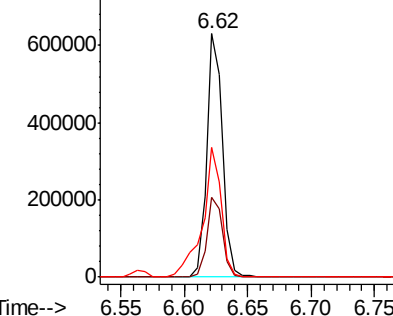
128 100

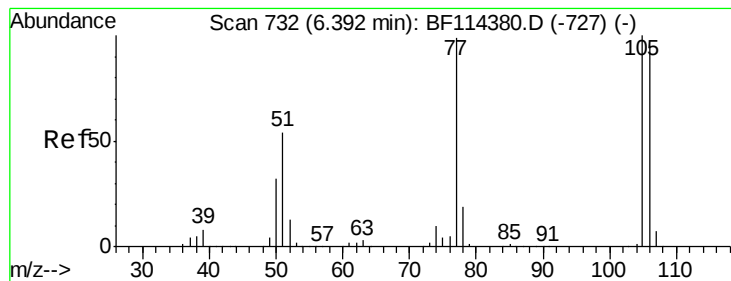
130 33.0 12.6 52.6

64 53.0 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.357 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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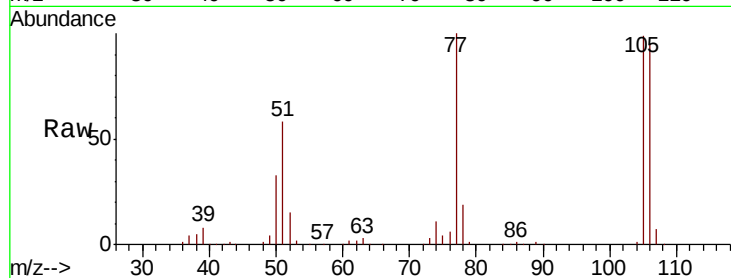
Tot Ion: 77 Resp: 373353

Ion Ratio Lower Upper

77 100

105 98.9 79.3 119.3

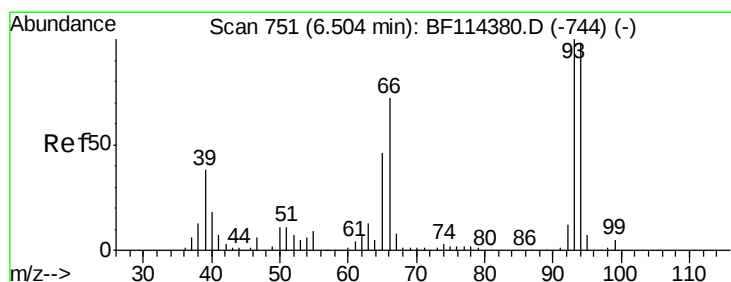
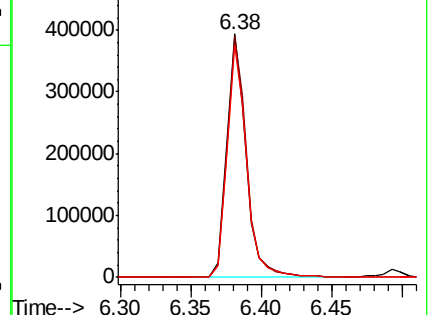
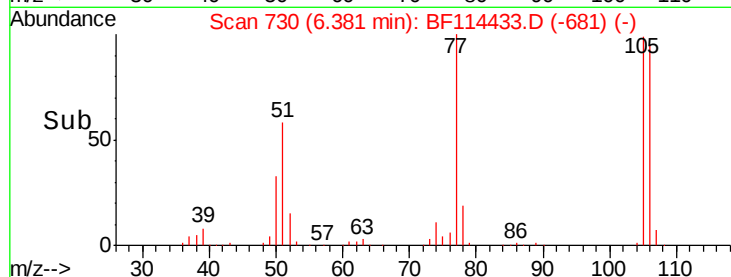
106 95.2 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.335 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

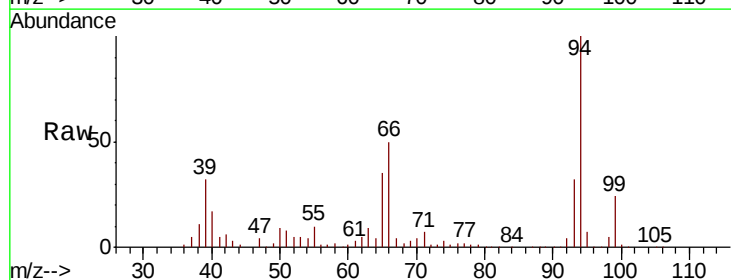
Tgt Ion: 94 Resp: 674835

Ion Ratio Lower Upper

94 100

65 35.2 14.7 54.7

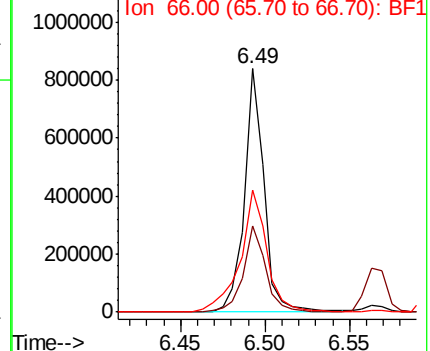
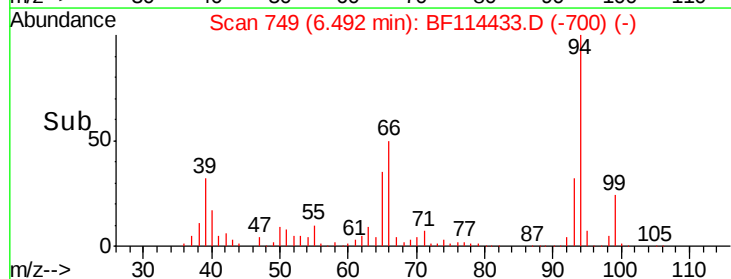
66 50.0 29.6 69.6

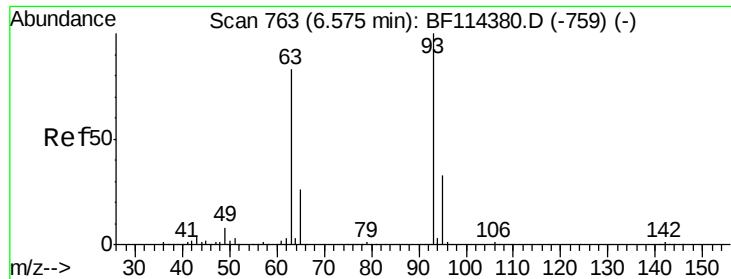


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

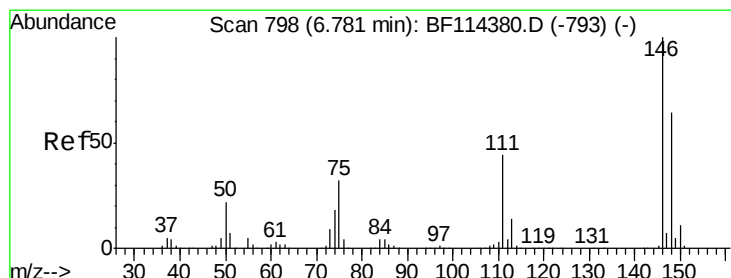
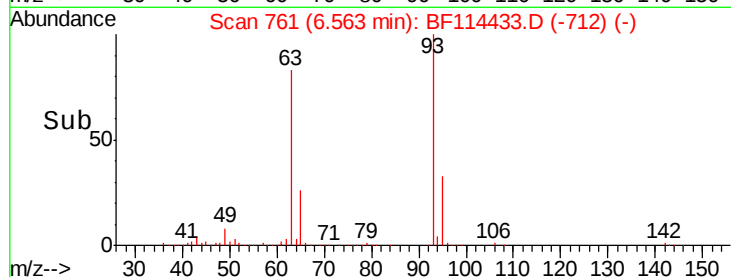
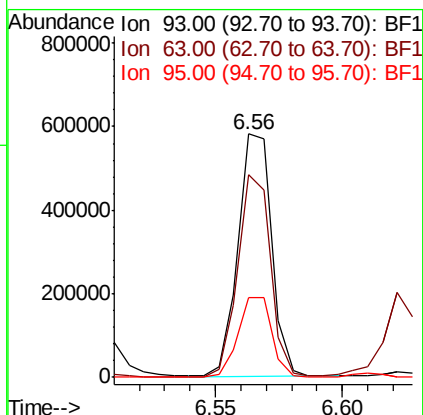
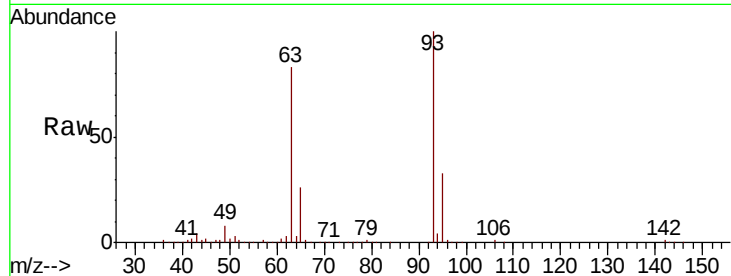




#11
 bis(2-Chloroethyl)ether
 Concen: 44.356 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

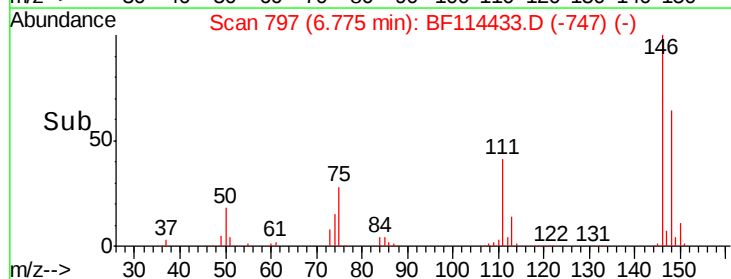
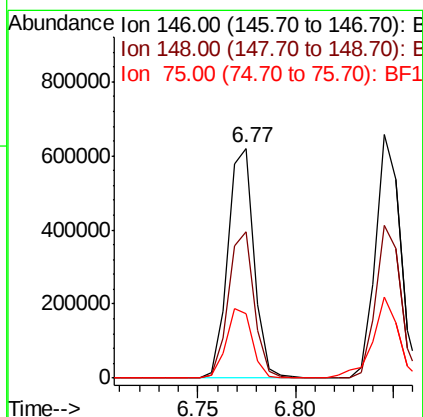
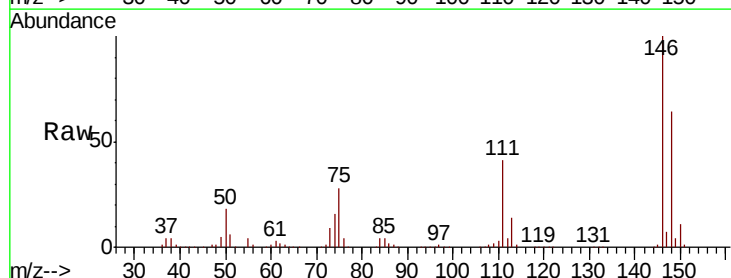
Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

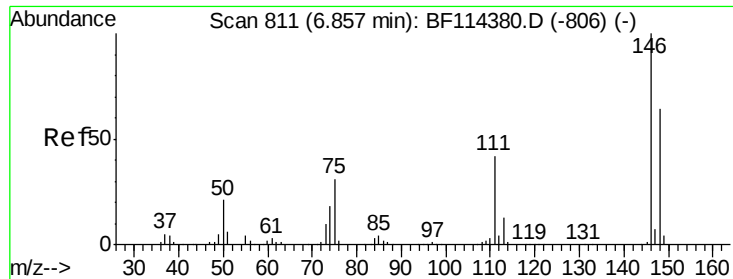
Tot Ion: 93 Resp: 536775
 Ion Ratio Lower Upper
 93 100
 63 83.2 63.6 103.6
 95 32.8 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.944 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion: 146 Resp: 575857
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 75 28.3 24.2 36.2

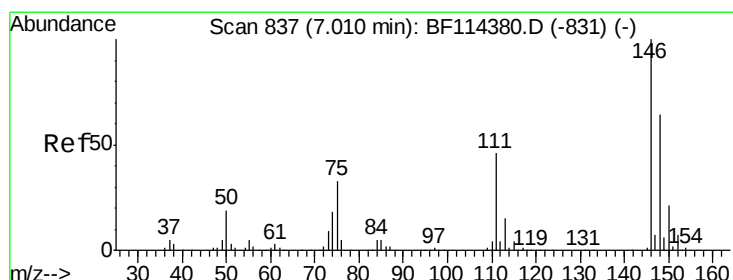
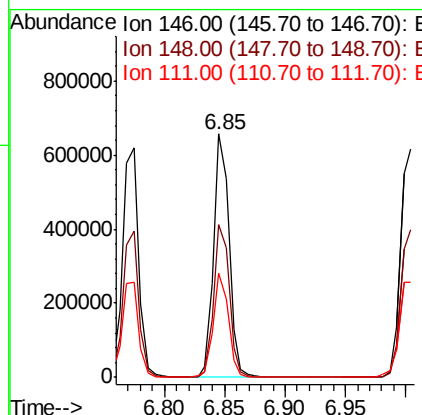
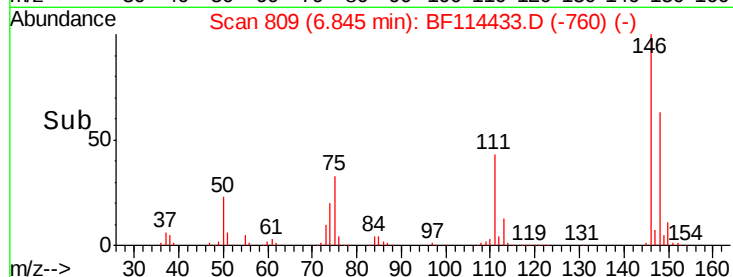
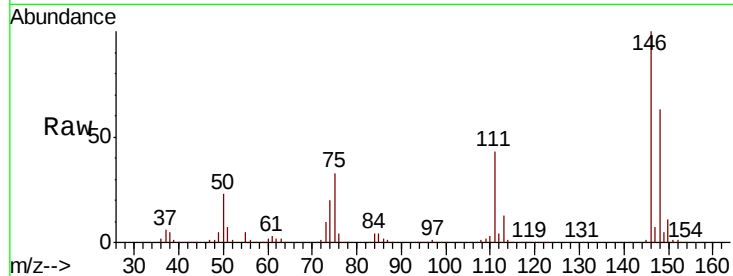




#13
 1,4-Dichlorobenzene
 Concen: 42.102 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

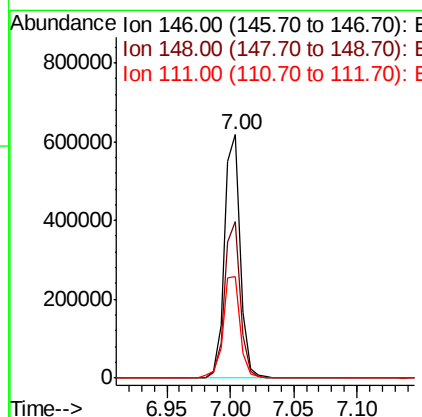
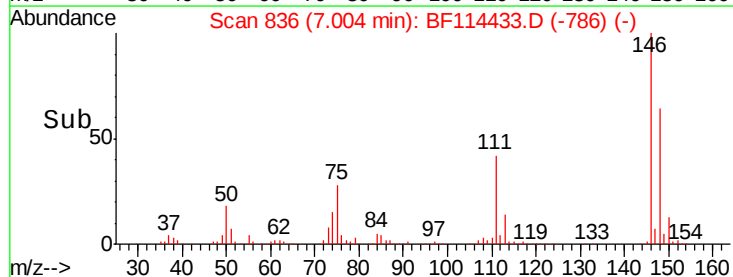
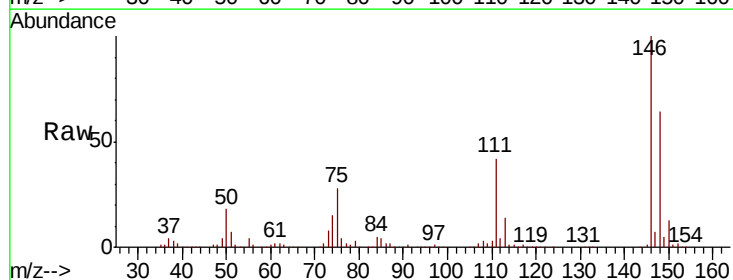
Instrument :
 BNA_F
 ClientSampled :
 GIS-5MS

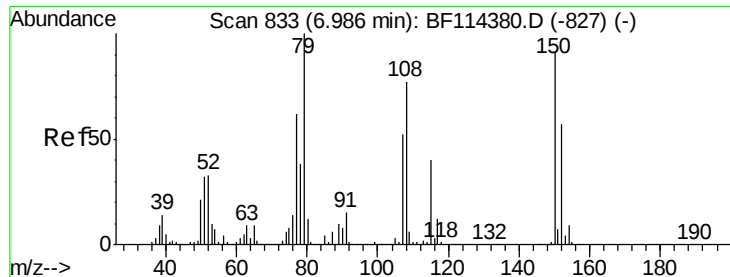
Tot Ion:146 Resp: 582469
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.2
 111 42.9 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.753 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:146 Resp: 540372
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 41.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 42.293 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

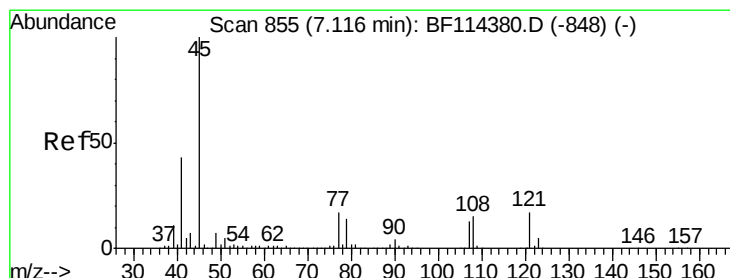
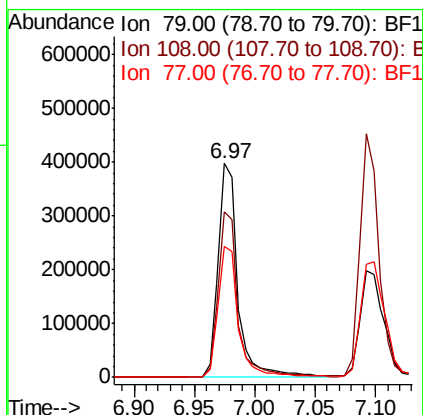
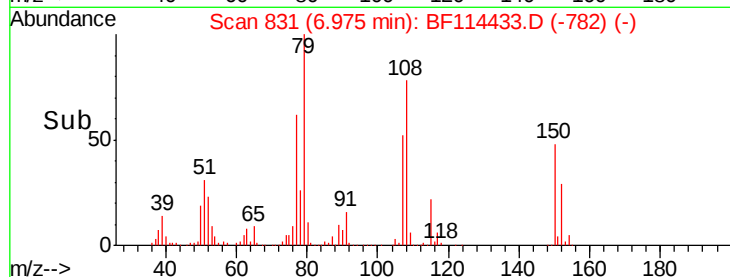
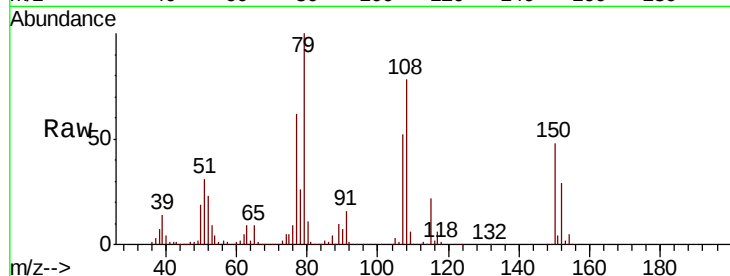
Tot Ion: 79 Resp: 446967

Ion Ratio Lower Upper

79 100

108 77.5 62.1 93.1

77 61.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.280 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

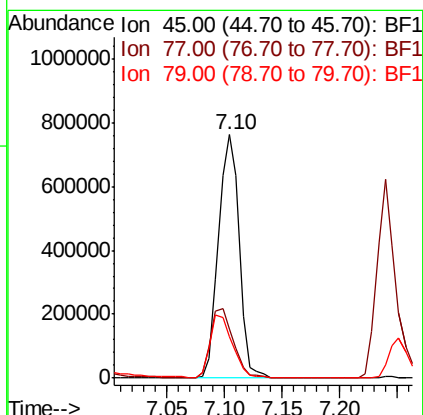
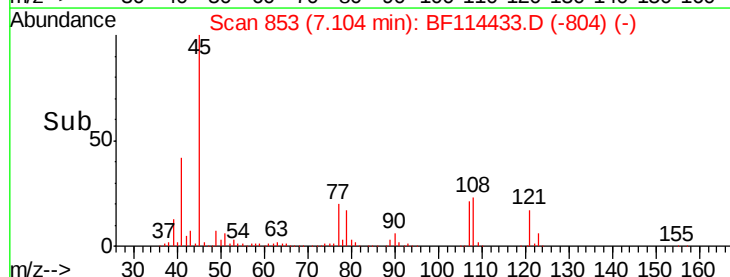
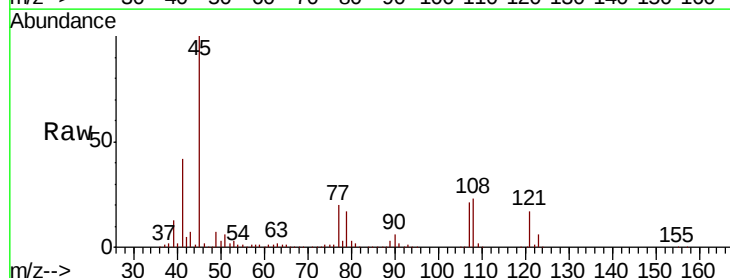
Tgt Ion: 45 Resp: 945147

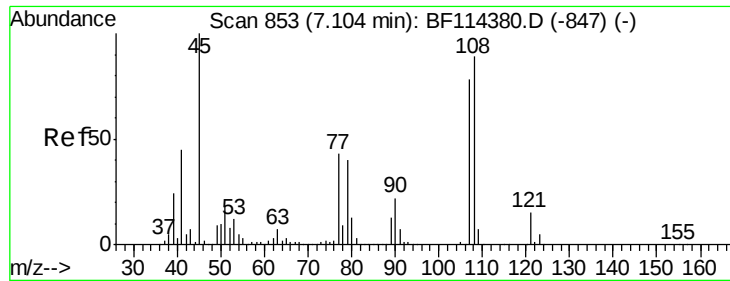
Ion Ratio Lower Upper

45 100

77 20.1 0.0 31.1

79 16.8 0.0 28.4

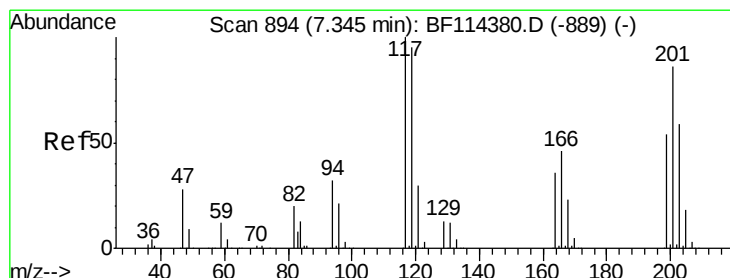
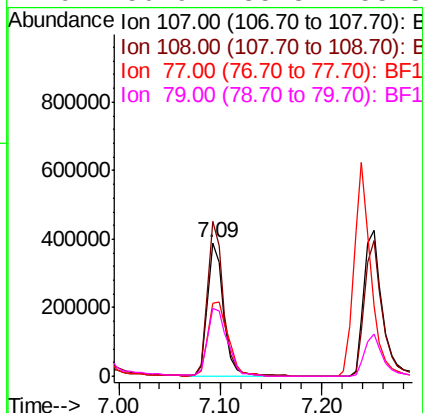
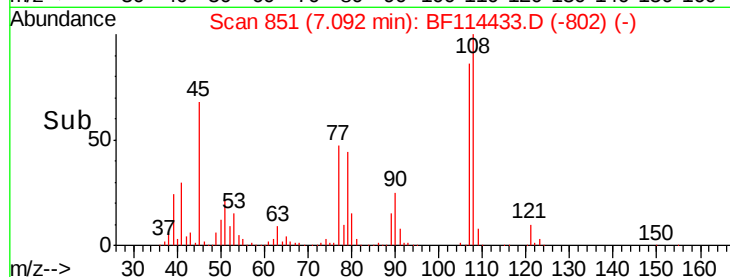
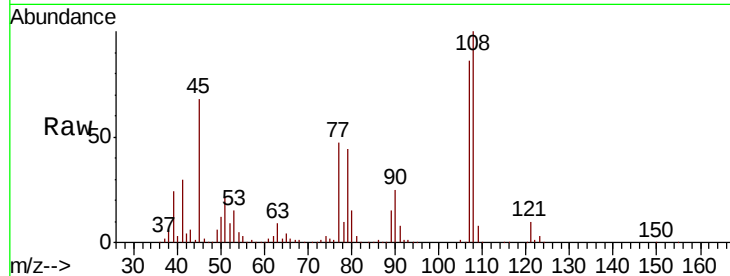




#17
2-Methylphenol
Concen: 42.534 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

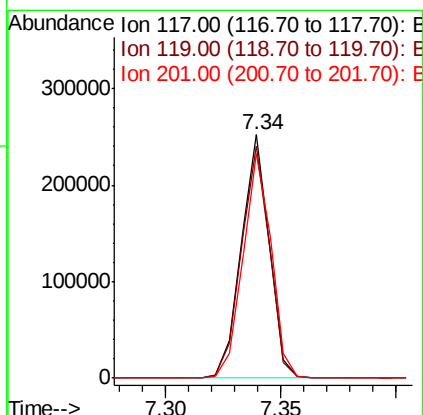
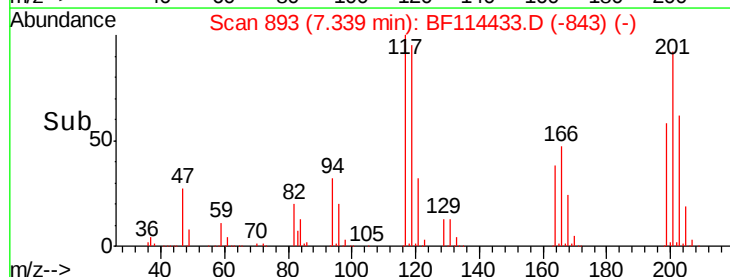
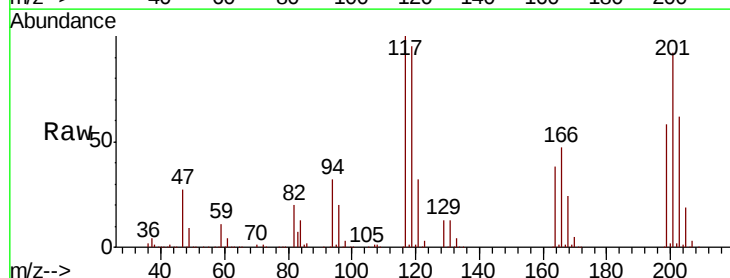
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

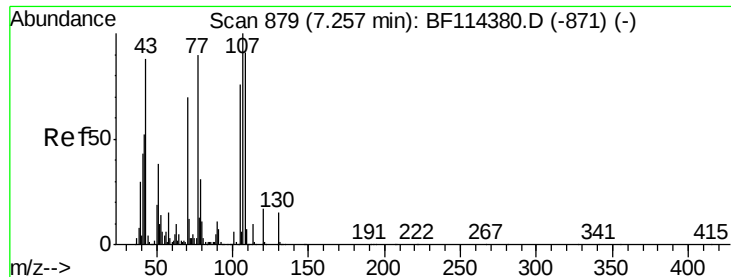
Tot Ion:107 Resp: 427344
Ion Ratio Lower Upper
107 100
108 115.9 90.5 135.7
77 54.1 37.0 55.4
79 50.9 35.8 53.8



#18
Hexachloroethane
Concen: 40.841 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:117 Resp: 212085
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.2
201 92.3 74.5 111.7

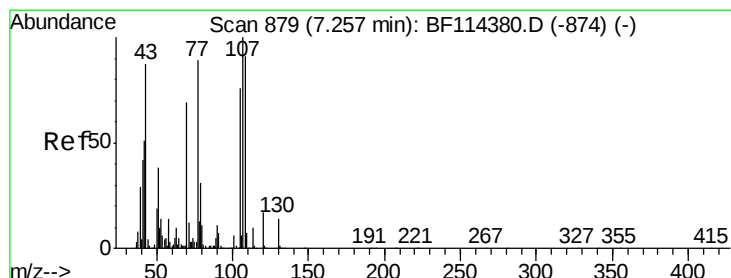
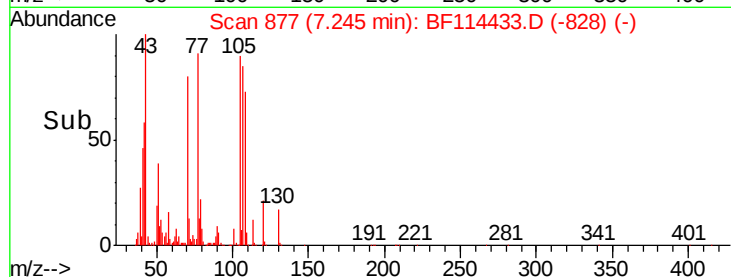
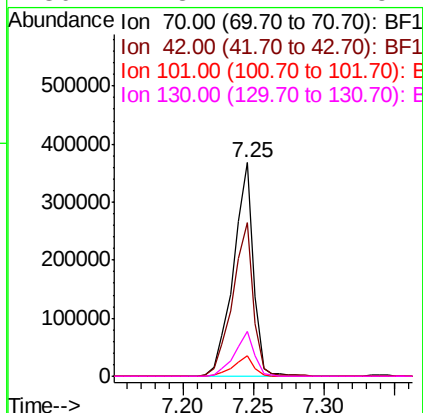
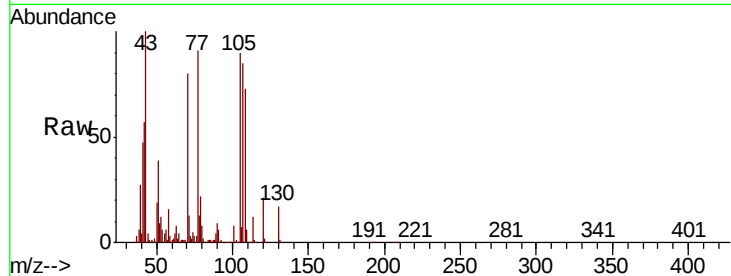




#19
n-Nitroso-di-n-propylamine
Concen: 42.170 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

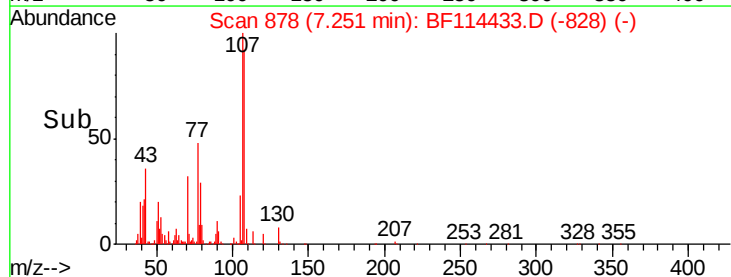
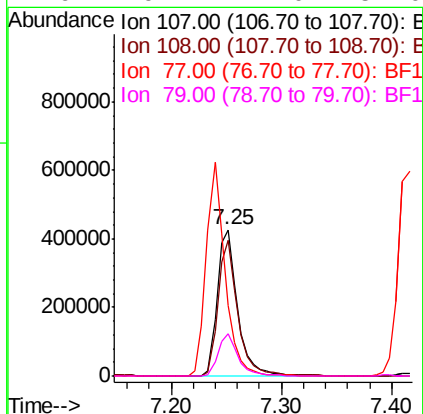
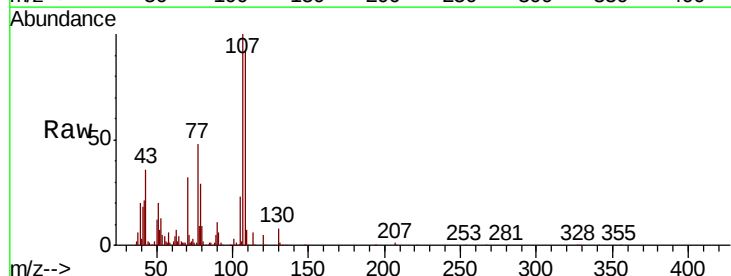
Instrument :
BNA_F
ClientSampled :
GIS-5MS

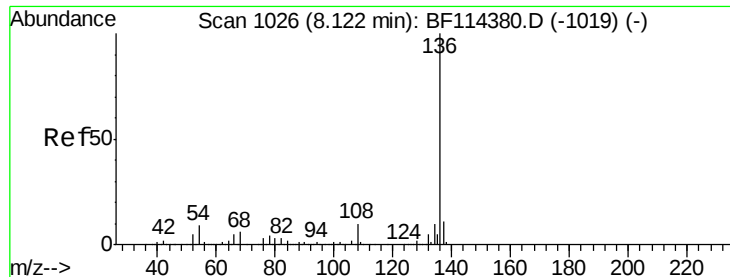
Tot Ion: 70 Resp: 362193
Ion Ratio Lower Upper
70 100
42 71.6 58.6 87.8
101 9.5 7.8 11.8
130 21.3 17.1 25.7



#20
3+4-Methylphenols
Concen: 46.840 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion: 107 Resp: 543723
Ion Ratio Lower Upper
107 100
108 92.5 73.8 113.8
77 48.3 111.5 151.5#
79 29.1 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

Tot Ion:136 Resp: 664854

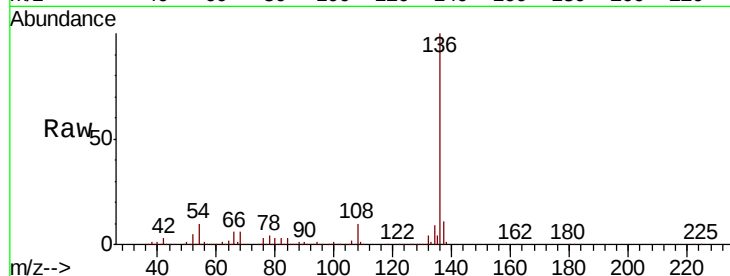
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.6 7.8 11.8

68 6.4 5.1 7.7

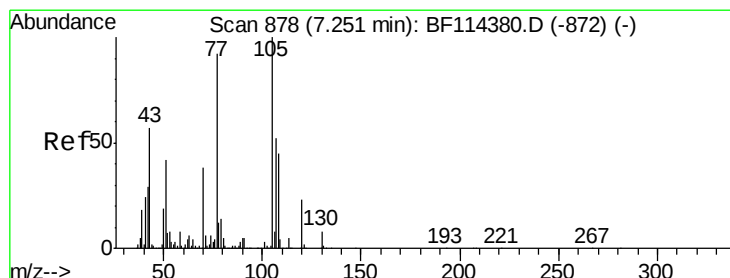
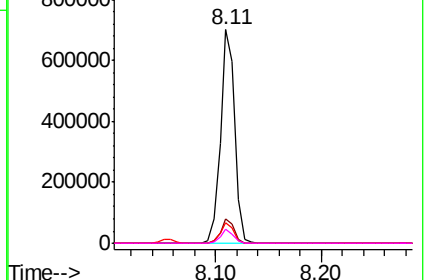
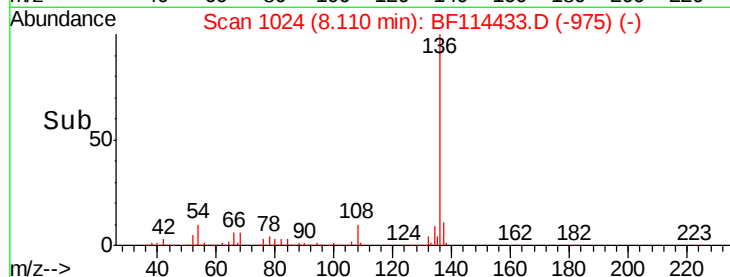


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.108 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Tgt Ion:105 Resp: 723298

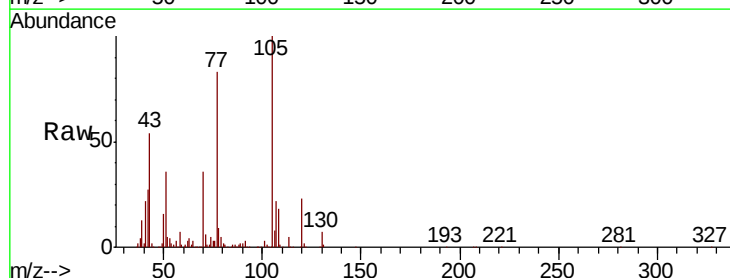
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 36.2 36.2 54.4#

120 23.3 18.6 28.0

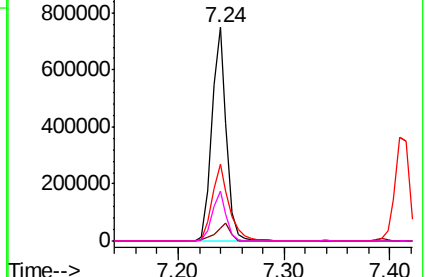
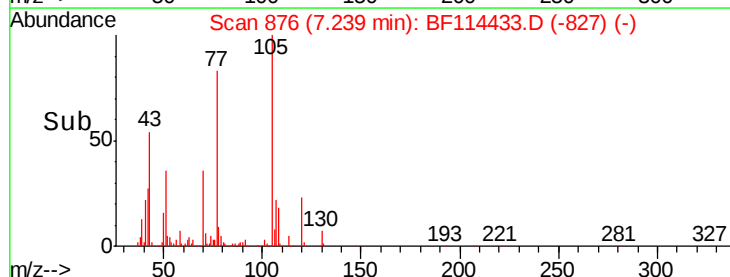


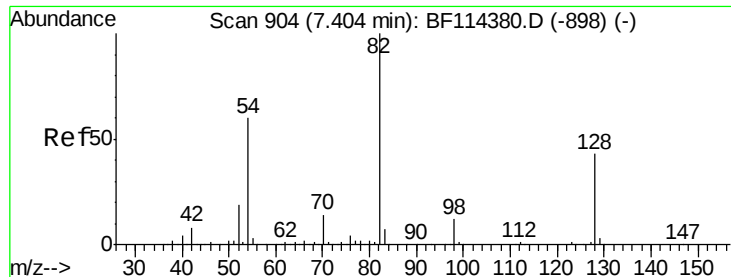
Abundance Ion 105.00 (104.70 to 105.70): E

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



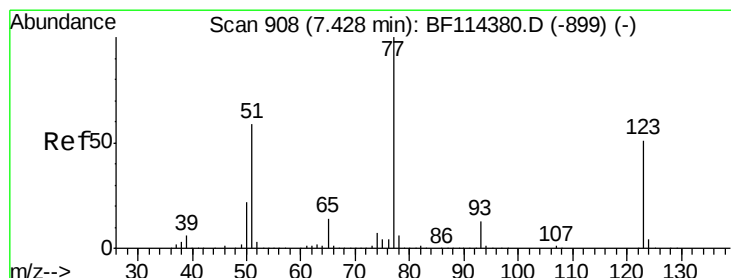
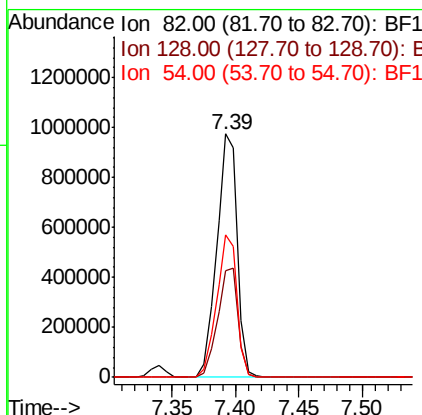
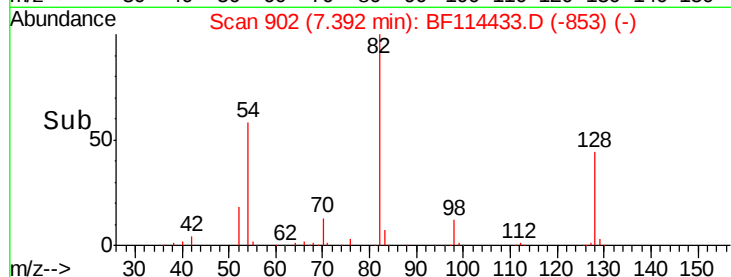
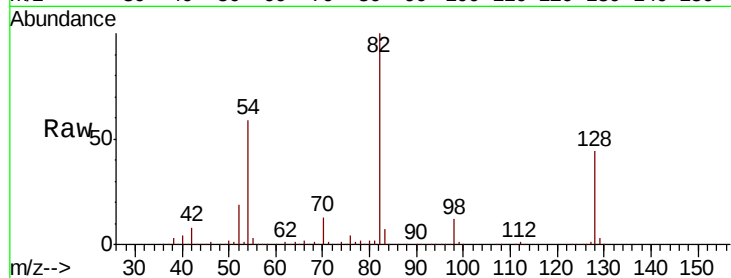


#23
 Nitrobenzene-d5
 Concen: 93.088 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampleID :
 GIS-5MS

Tot Ion: 82 Resp: 1102817

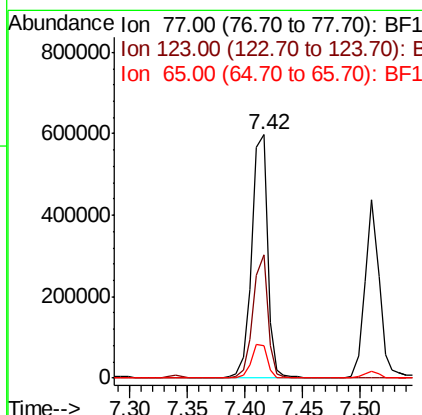
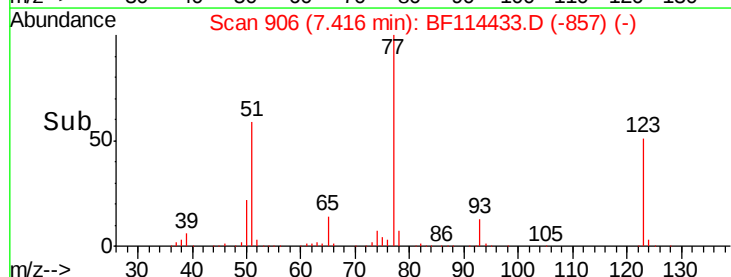
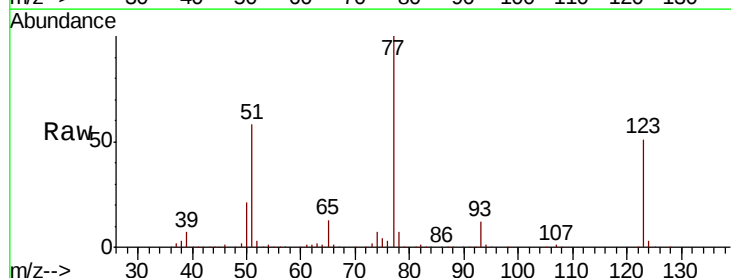
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	58.5	48.5	72.7

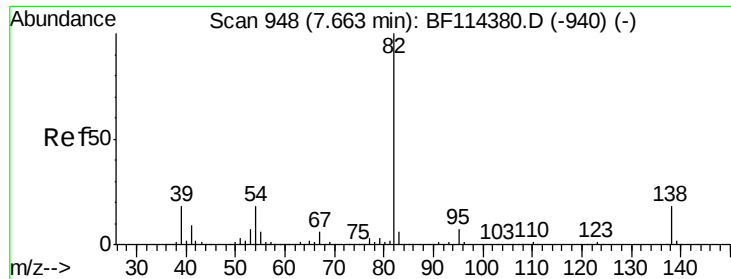


#24
 Nitrobenzene
 Concen: 47.417 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion: 77 Resp: 572141

Ion	Ratio	Lower	Upper
77	100		
123	50.5	36.9	55.3
65	13.5	11.8	17.6

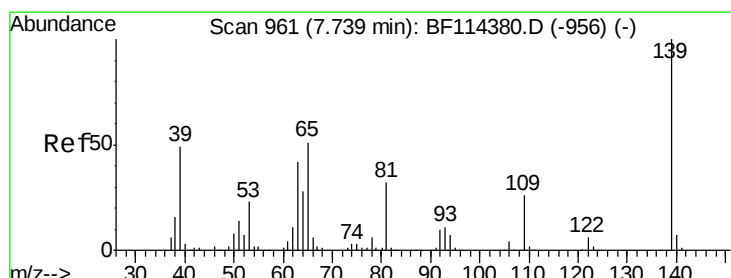
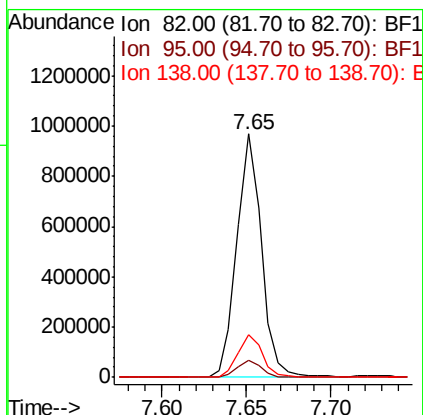
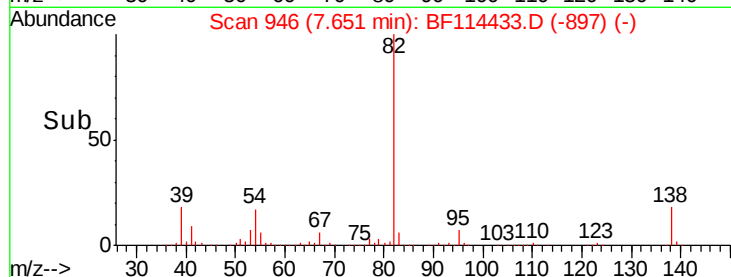
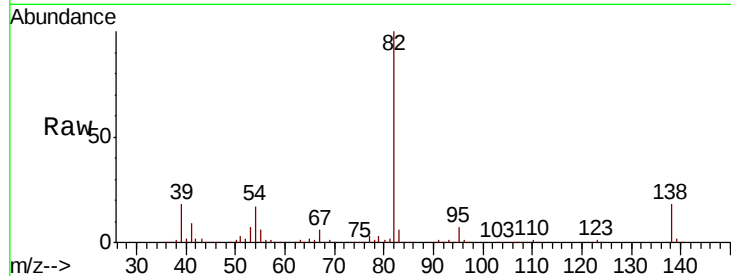




#25
Isophorone
Concen: 44.968 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

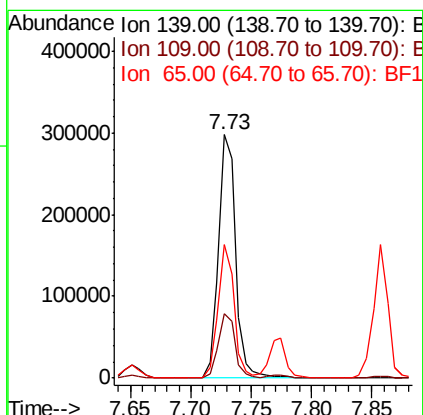
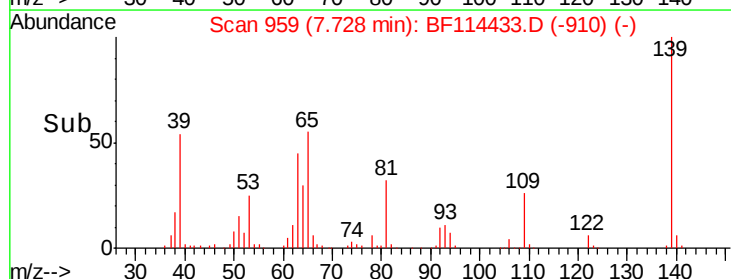
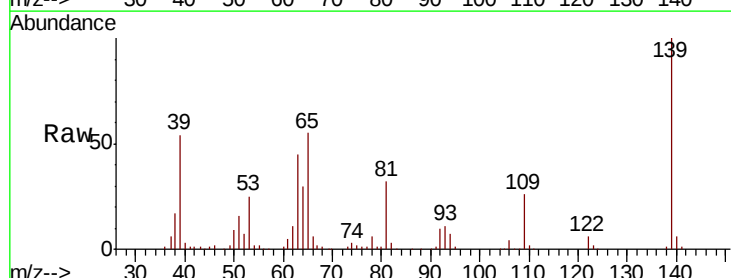
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

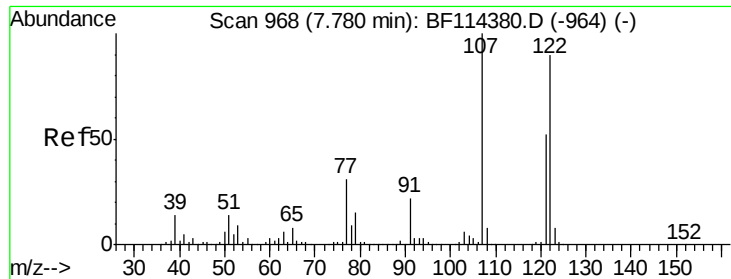
Tot Ion: 82 Resp: 988005
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.7 14.8 22.2



#26
2-Nitrophenol
Concen: 49.523 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion: 139 Resp: 289913
Ion Ratio Lower Upper
139 100
109 26.3 20.7 31.1
65 54.9 40.2 60.2

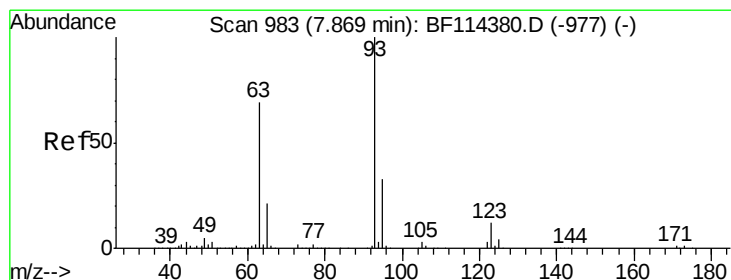
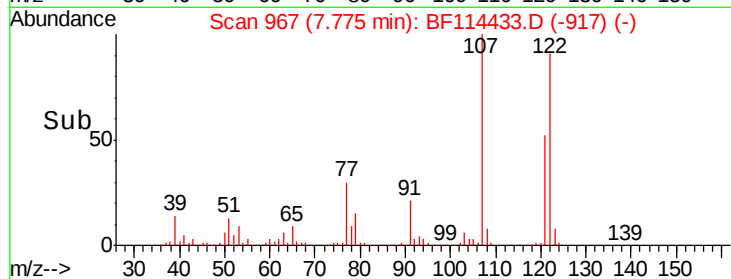
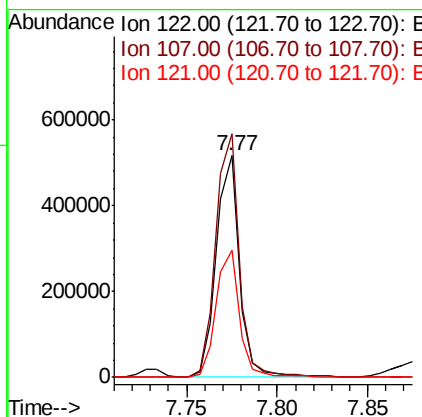
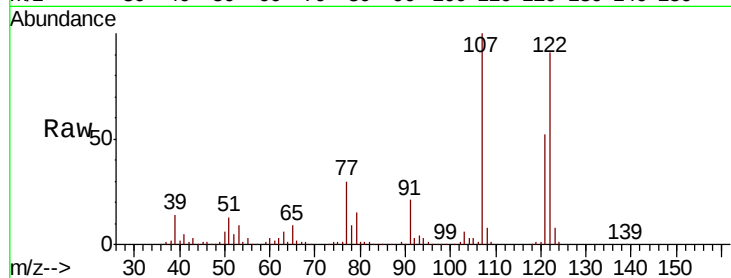




#27
 2,4-Dimethylphenol
 Concen: 49.765 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

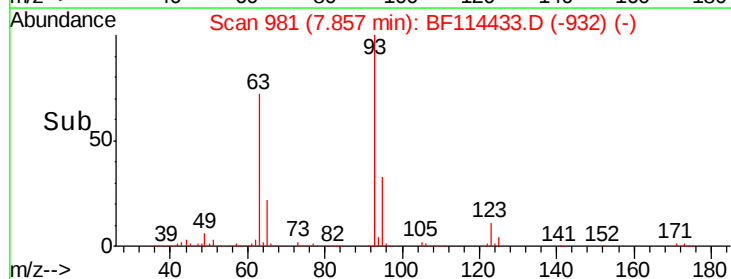
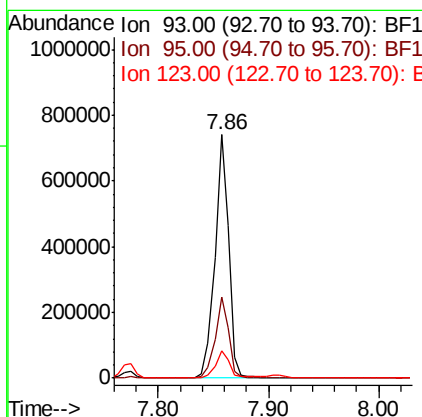
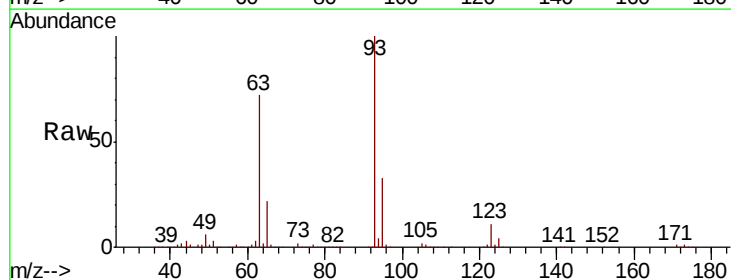
Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

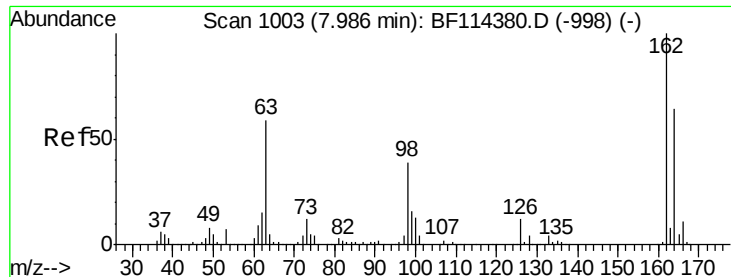
Tot Ion:122 Resp: 457555
 Ion Ratio Lower Upper
 122 100
 107 110.0 88.4 132.6
 121 57.5 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.457 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion: 93 Resp: 633781
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.8 40.2
 123 11.2 9.5 14.3

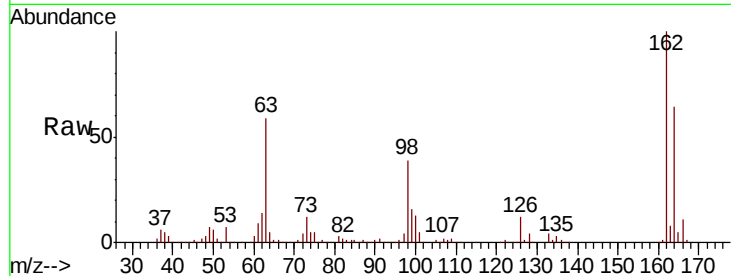




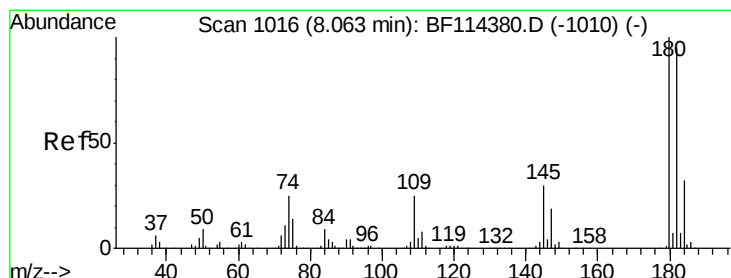
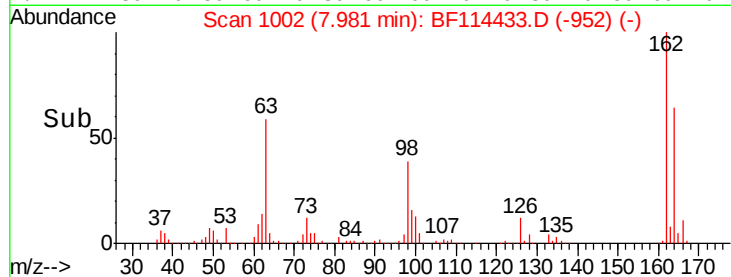
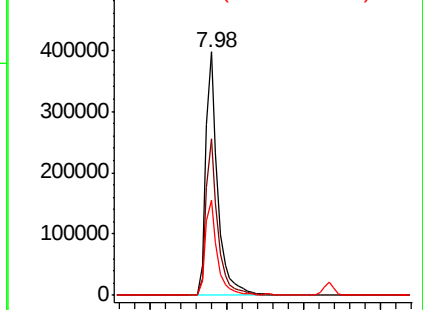
#29
 2,4-Dichlorophenol
 Concen: 46.564 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampled :
 GIS-5MS

Tot Ion:162 Resp: 426313
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.6 83.6
 98 39.0 20.6 60.6

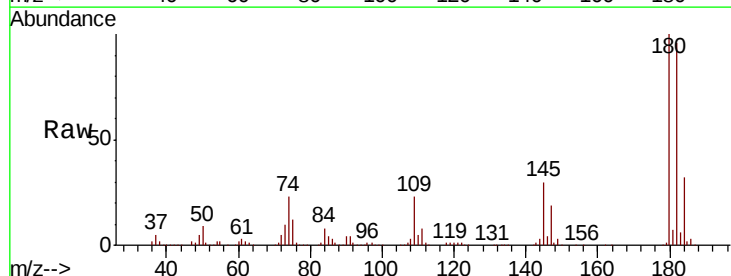


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

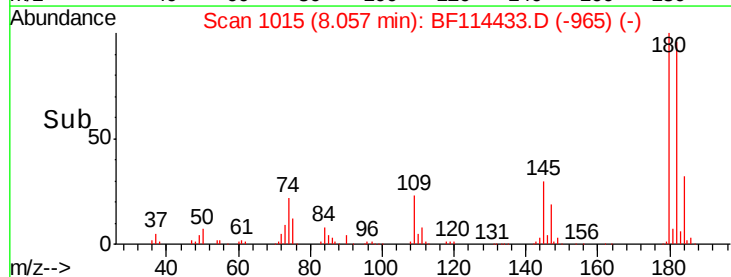
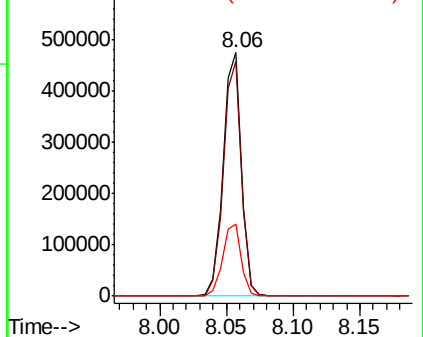


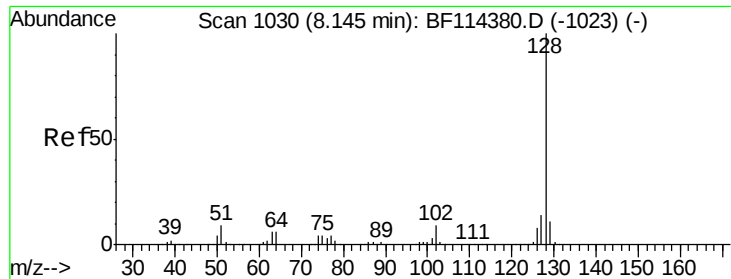
#30
 1,2,4-Trichlorobenzene
 Concen: 44.286 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:180 Resp: 461051
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 114.8
 145 29.6 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

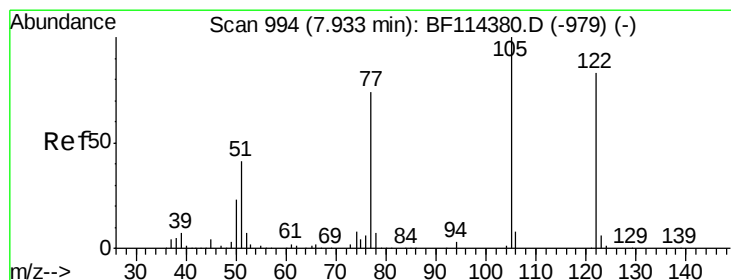
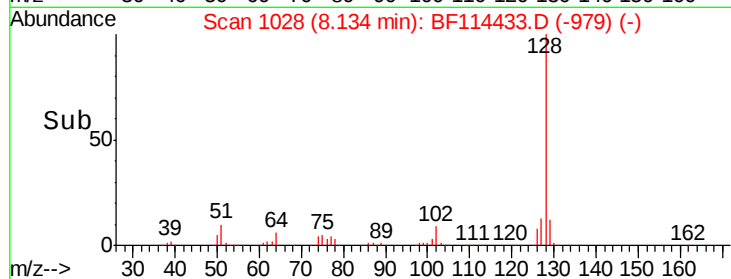
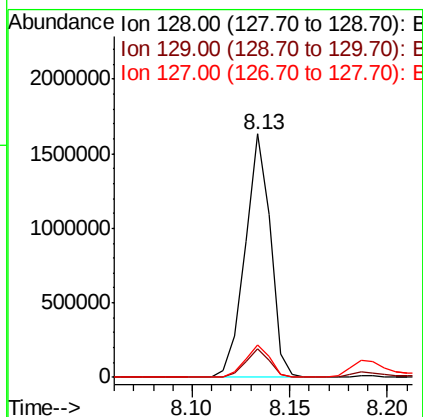
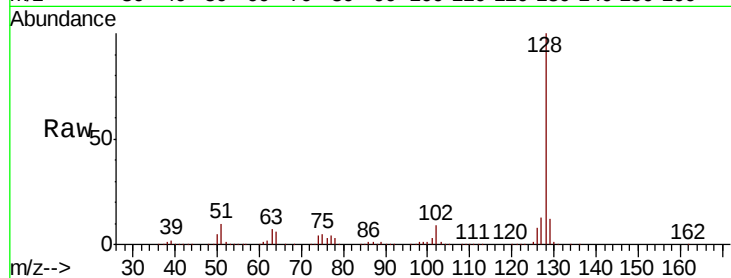




#31
Naphthalene
Concen: 47.391 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

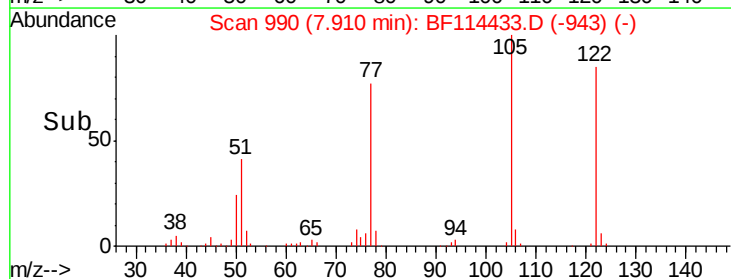
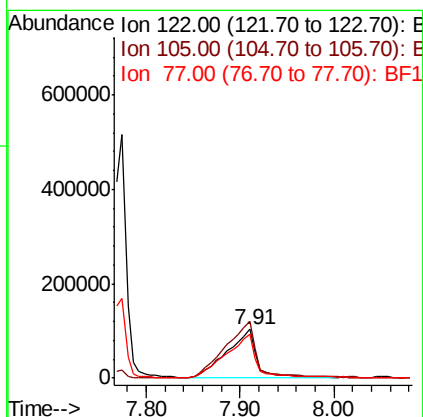
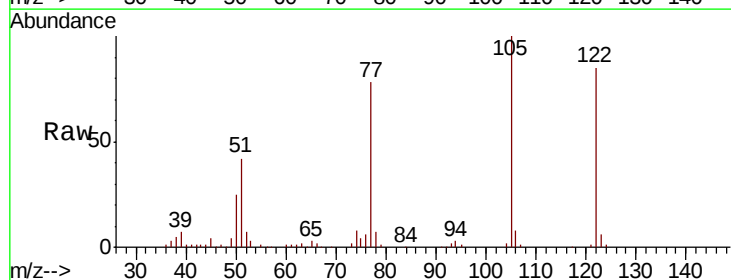
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

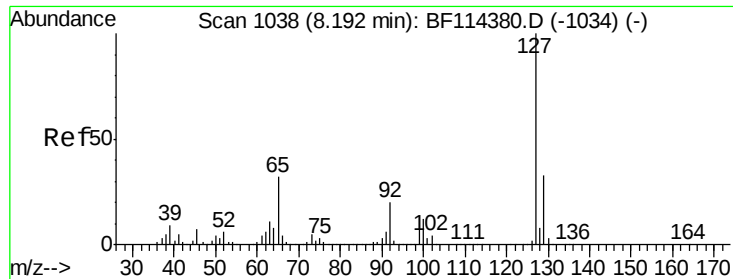
Tot Ion:128 Resp: 1471794
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 36.524 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:122 Resp: 226557
Ion Ratio Lower Upper
122 100
105 117.2 99.9 139.9
77 91.5 69.4 109.4

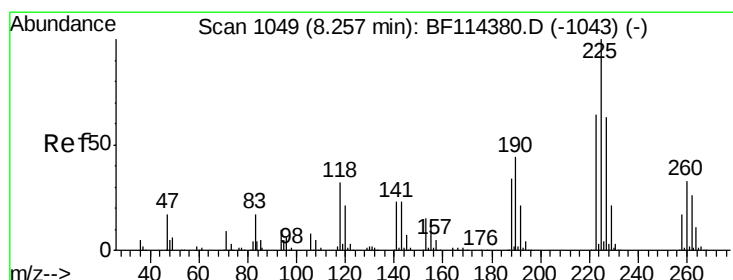
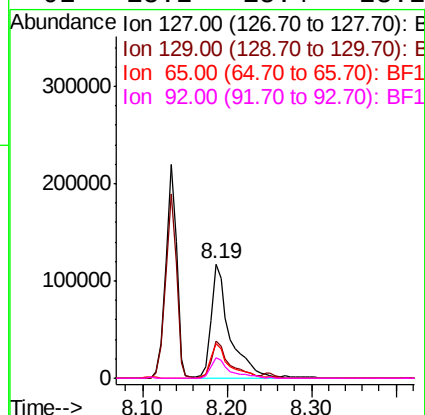
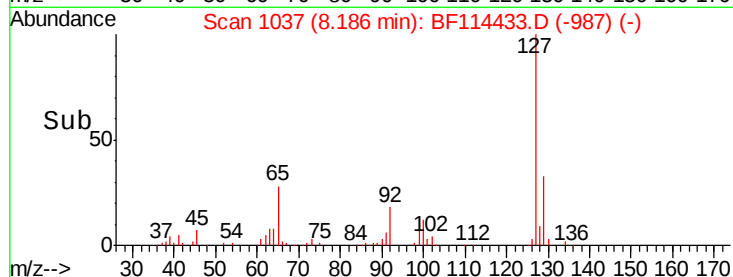
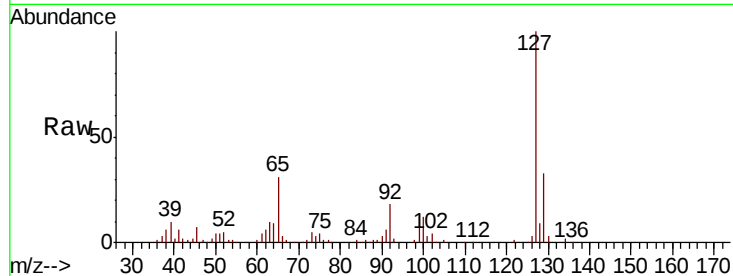




#33
4-Chloroaniline
Concen: 13.043 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

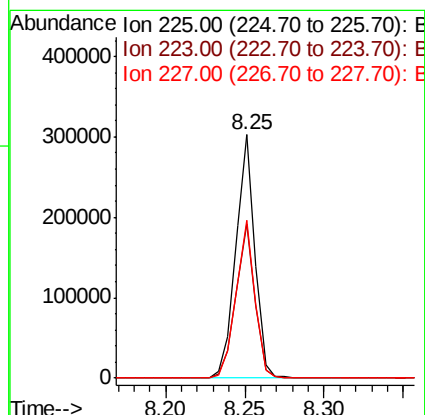
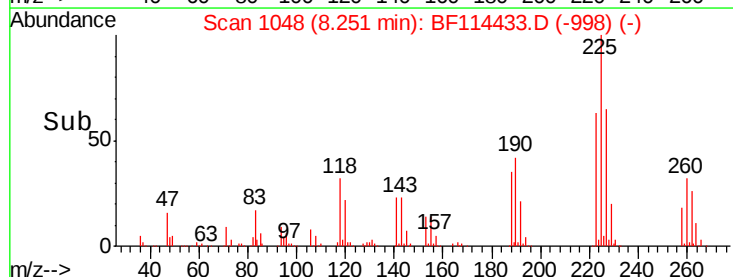
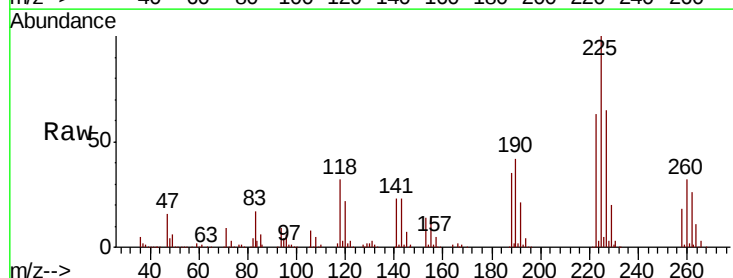
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

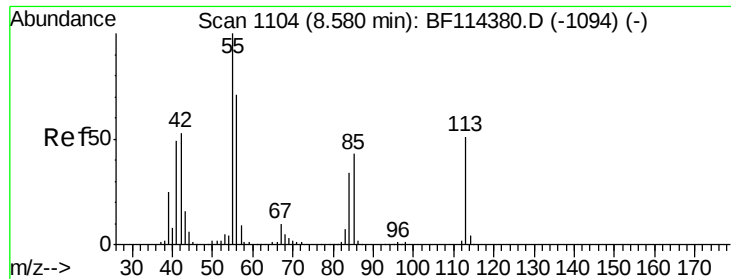
Tot Ion:	127	Resp:	184582
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	30.7	25.4	38.0
92	18.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.525 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:	225	Resp:	251905
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.9	52.6	79.0

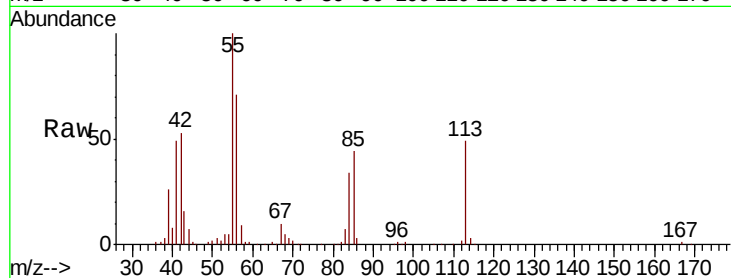




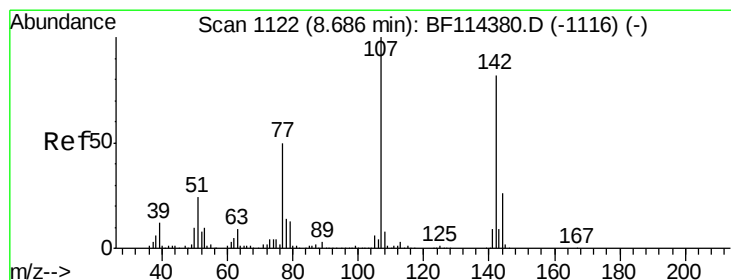
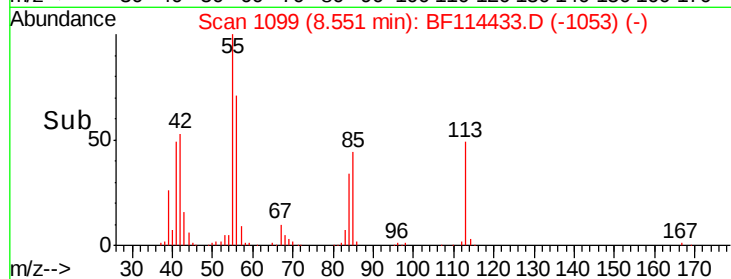
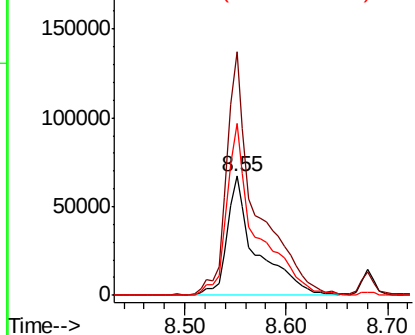
#35
 Caprolactam
 Concen: 45.263 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampled :
 GIS-5MS

Tot Ion:113 Resp: 135126
 Ion Ratio Lower Upper
 113 100
 55 204.6 183.5 223.5
 56 144.5 128.8 168.8

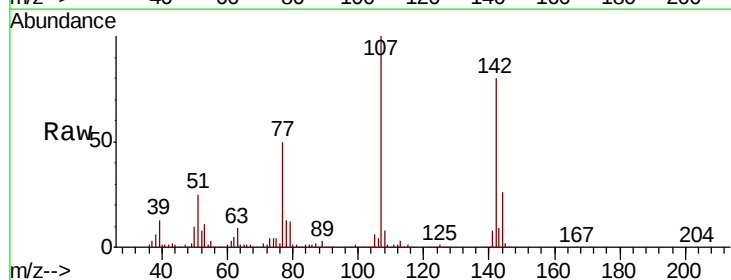


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

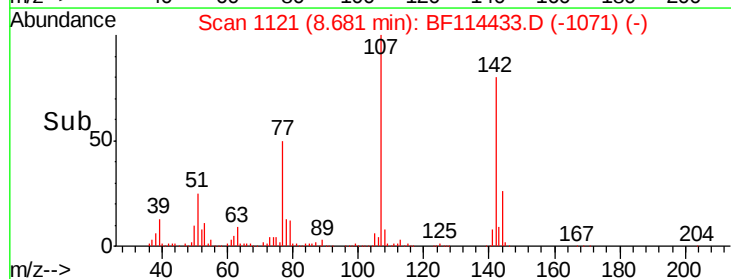
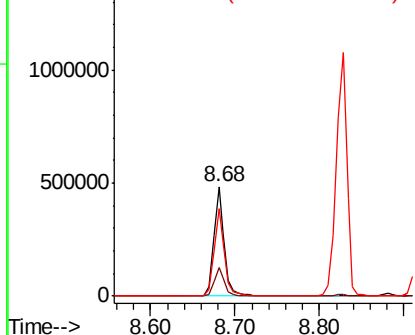


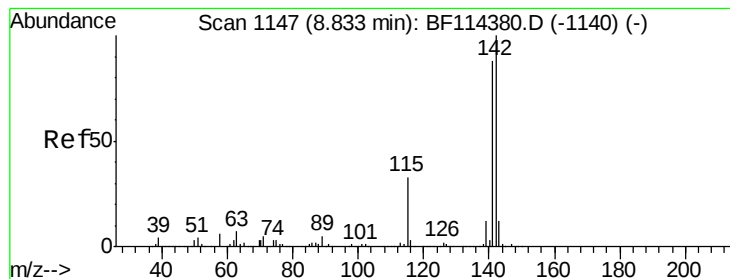
#36
 4-Chloro-3-methylphenol
 Concen: 46.465 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:107 Resp: 428203
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.4 30.6
 142 80.2 64.2 96.4



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: 47.322 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

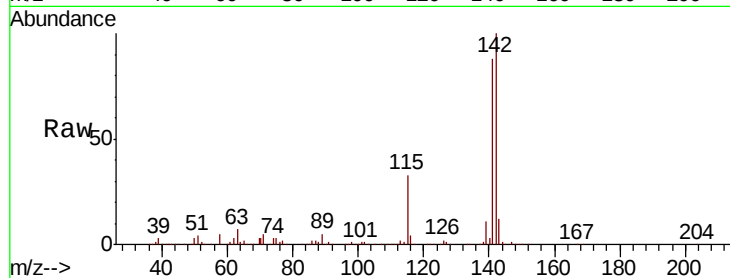
Tot Ion:142 Resp: 948203

Ion Ratio Lower Upper

142 100

141 87.8 72.1 108.1

115 33.0 28.0 42.0

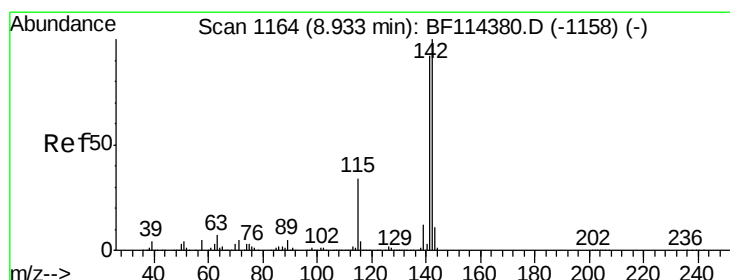
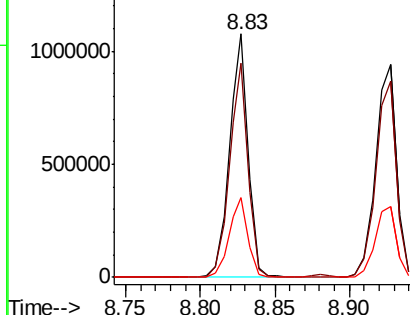
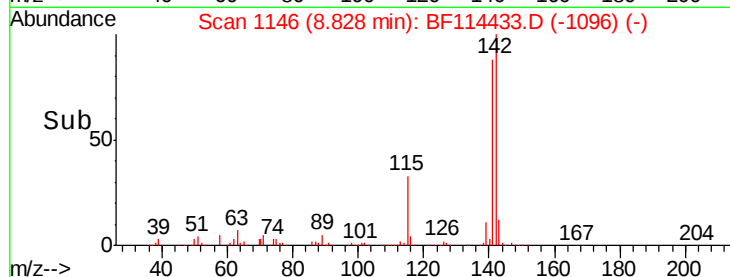


Abundance

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: 46.945 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

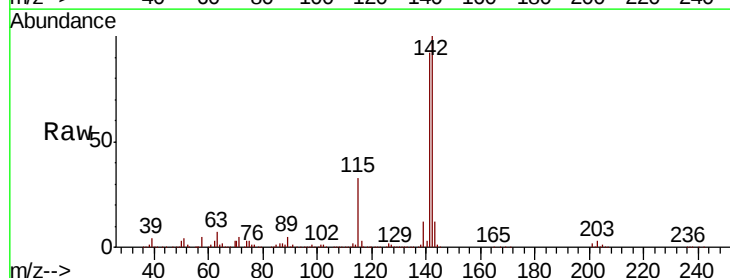
Tgt Ion:142 Resp: 885832

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.0

116 3.4 3.1 4.7

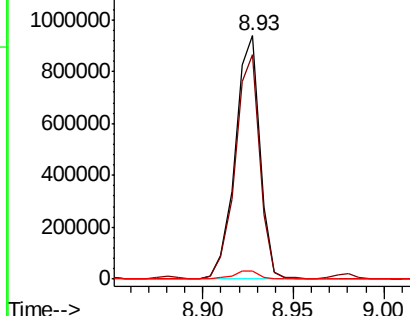
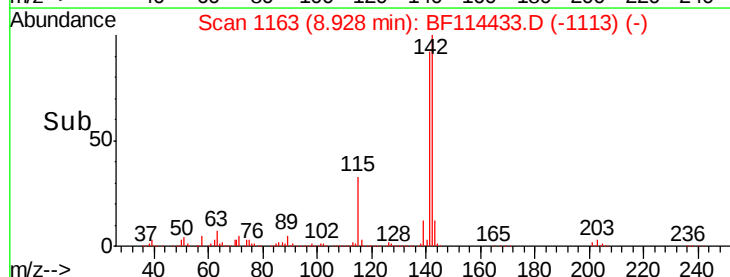


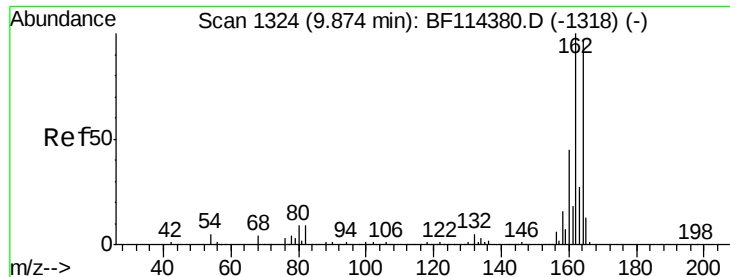
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

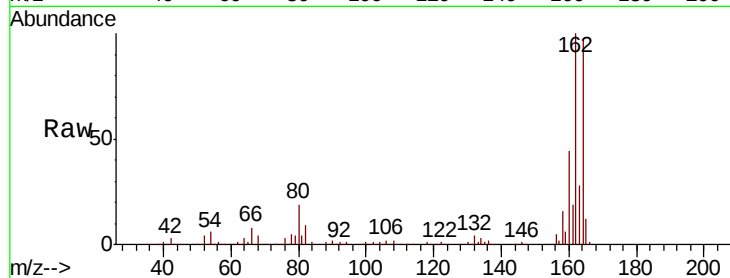
Tot Ion:164 Resp: 277300

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

160 44.8 36.5 54.7

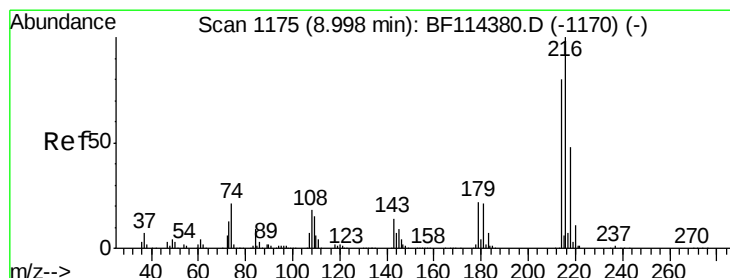
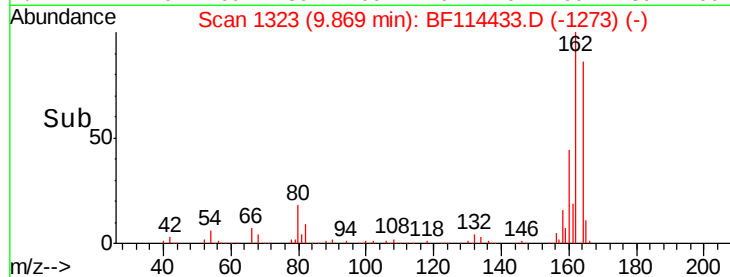
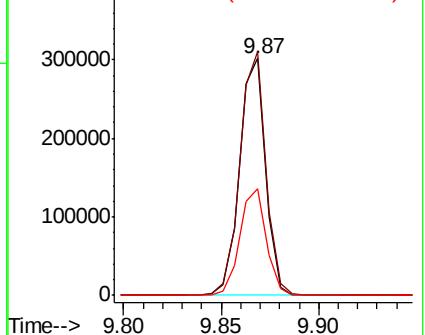


Abundance

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: 50.250 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Tgt Ion:216 Resp: 422104

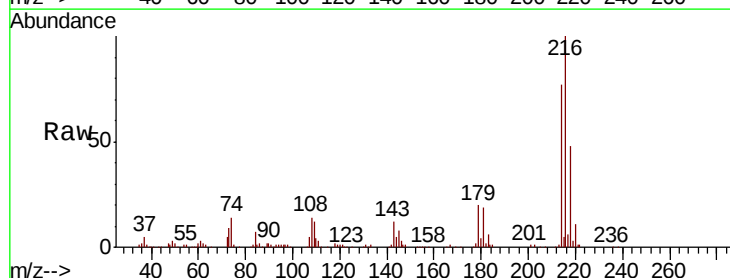
Ion Ratio Lower Upper

216 100

214 79.0 63.9 95.9

179 21.0 17.0 25.6

108 18.0 14.8 22.2



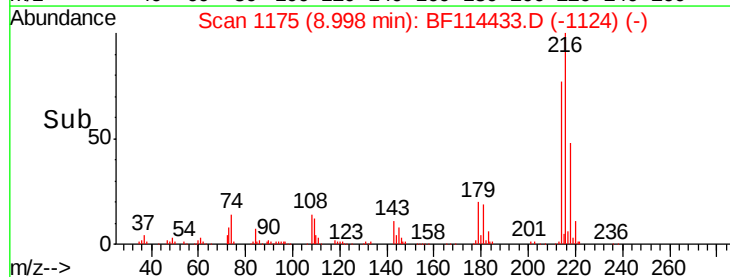
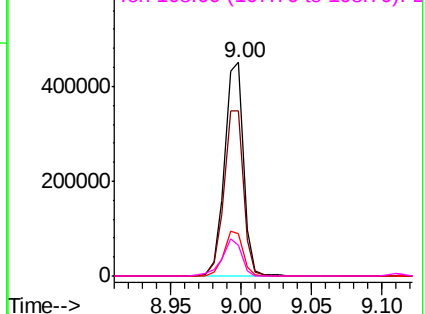
Abundance

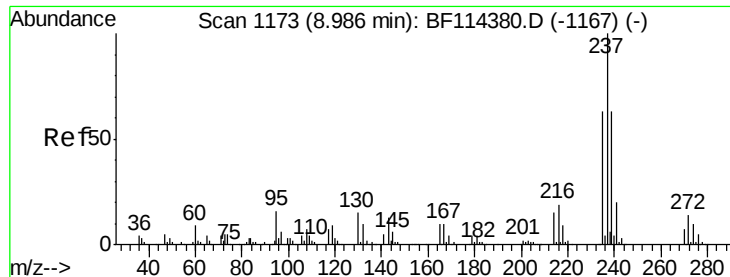
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 36.520 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

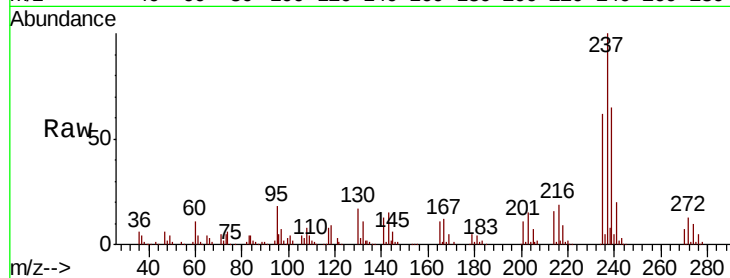
Tot Ion:237 Resp: 133196

Ion Ratio Lower Upper

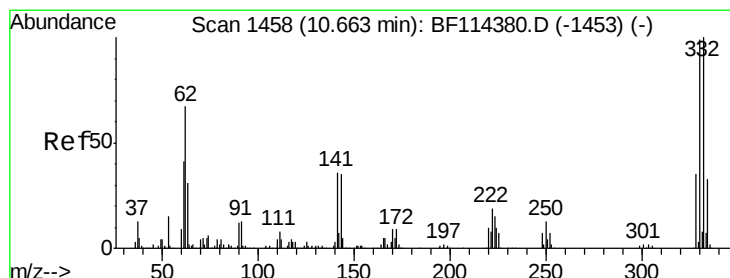
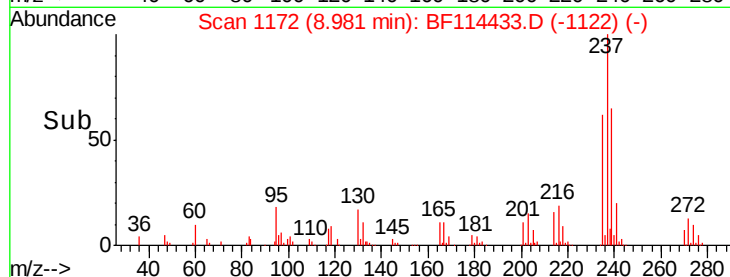
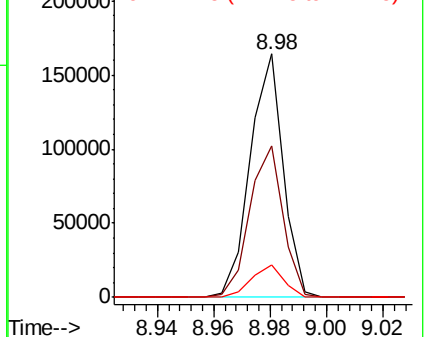
237 100

235 62.4 42.0 82.0

272 13.3 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.858 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

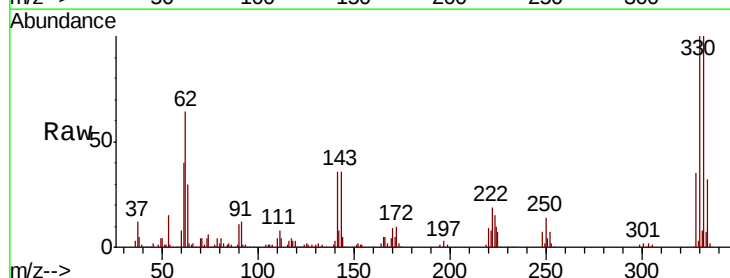
Tgt Ion:330 Resp: 340744

Ion Ratio Lower Upper

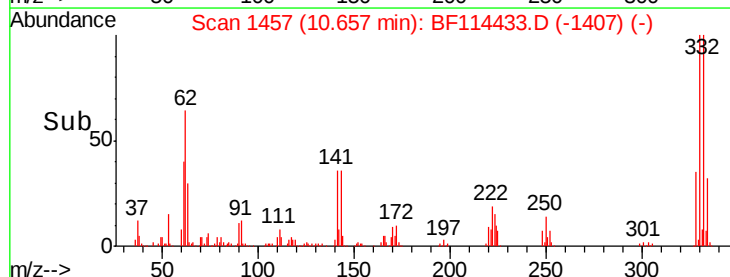
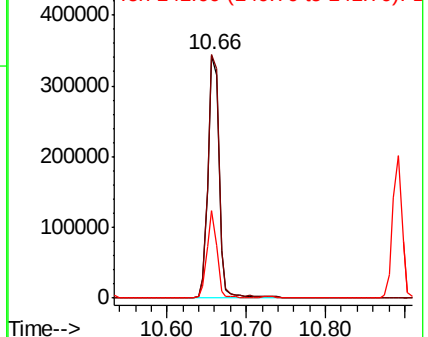
330 100

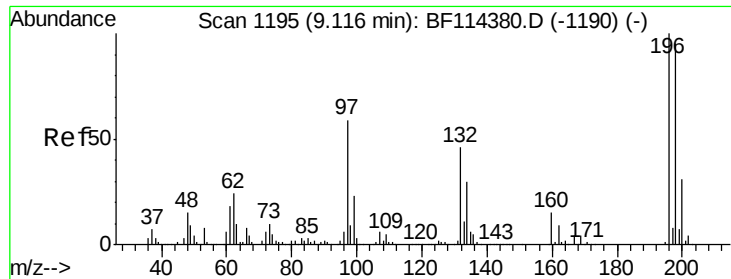
332 101.7 81.4 122.2

141 32.5 26.6 40.0



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

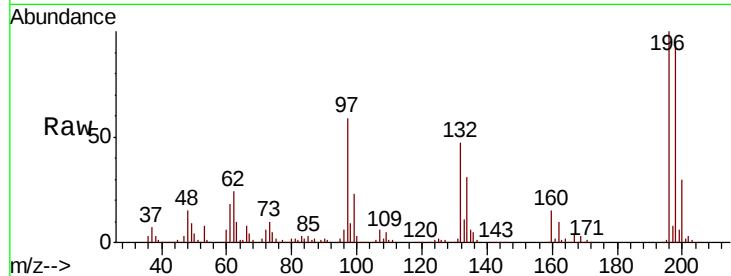




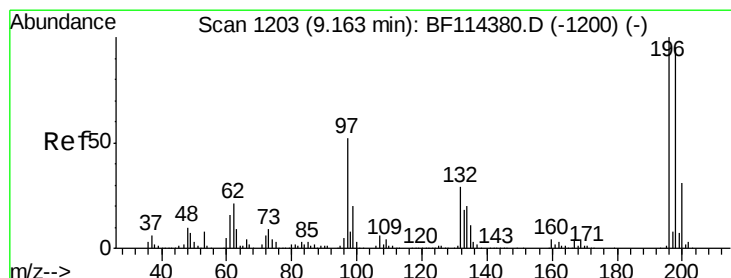
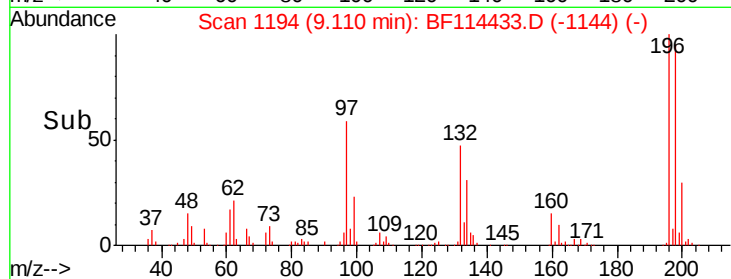
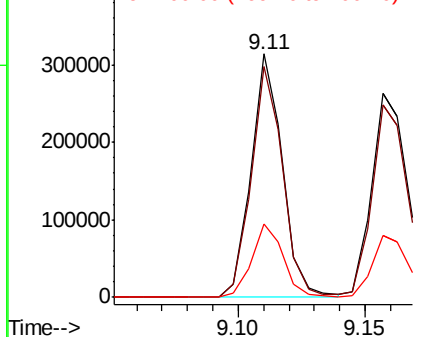
#43
 2,4,6-Trichlorophenol
 Concen: 46.657 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

Tot Ion:196 Resp: 269574
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.9 113.9
 200 30.0 23.5 35.3

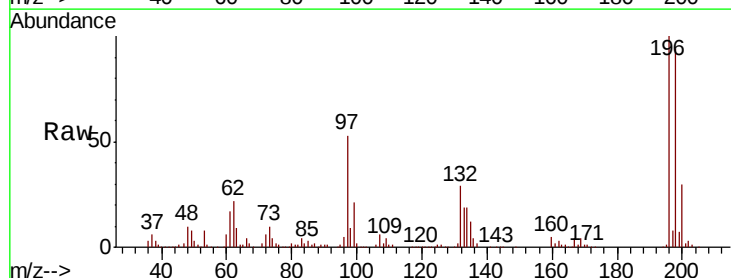


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

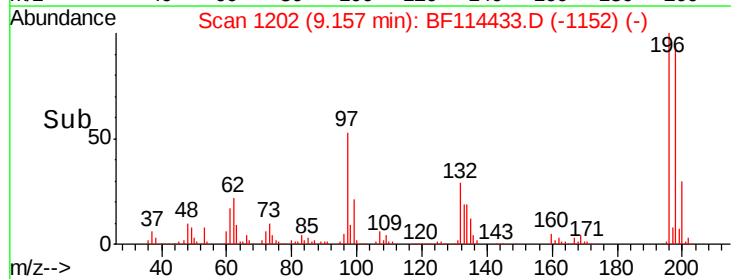
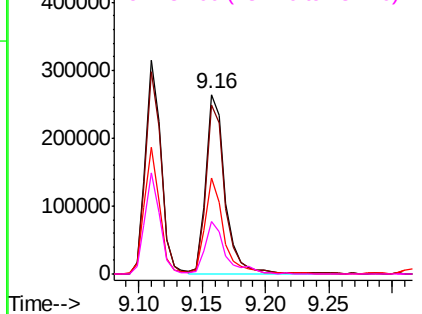


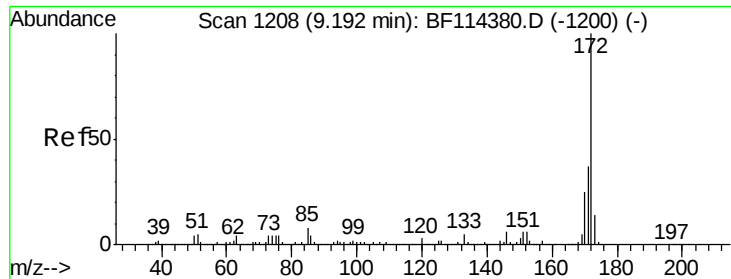
#44
 2,4,5-Trichlorophenol
 Concen: 47.563 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:196 Resp: 281830
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 97 53.3 38.2 57.2
 132 29.5 21.4 32.2



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

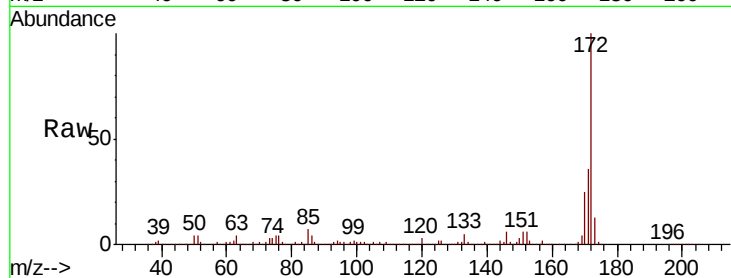




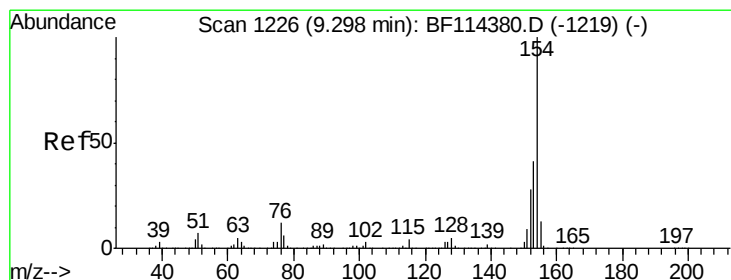
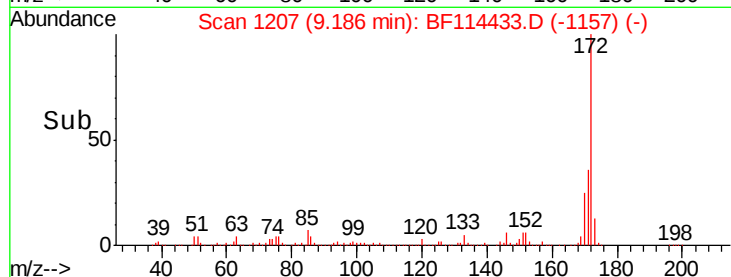
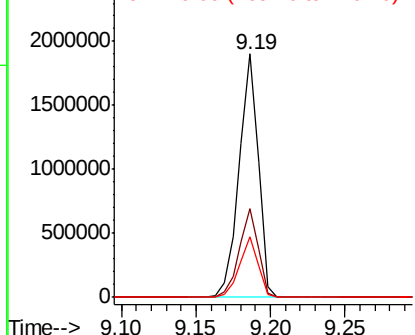
#45
2-Fluorobiphenyl
Concen: 93.785 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion:172 Resp: 1719256
Ion Ratio Lower Upper
172 100
171 36.4 30.7 46.1
170 24.6 20.5 30.7

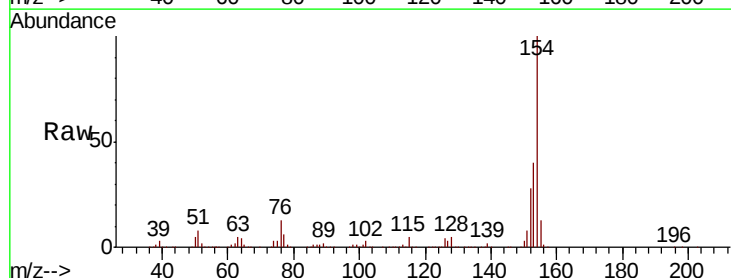


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

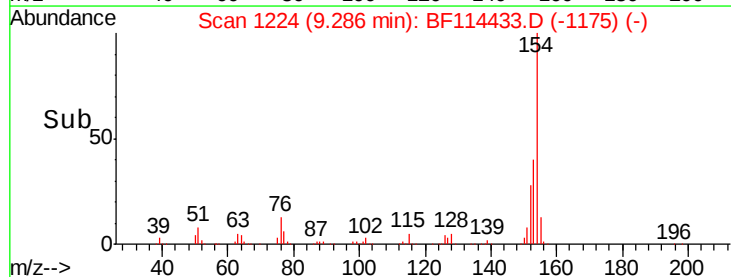
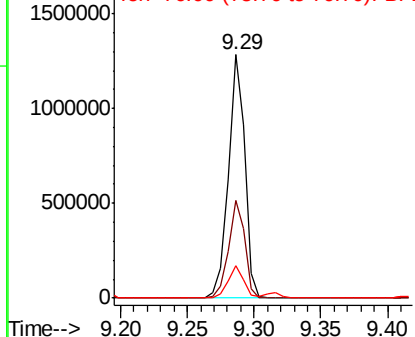


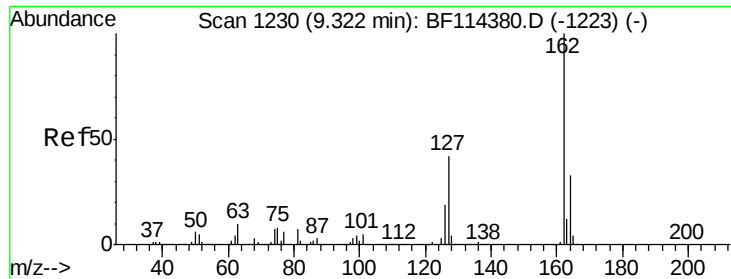
#46
1,1'-Biphenyl
Concen: 49.628 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:154 Resp: 1111763
Ion Ratio Lower Upper
154 100
153 40.1 21.9 61.9
76 13.1 0.0 32.8



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

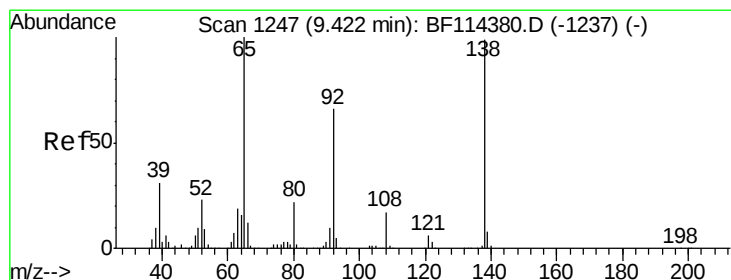
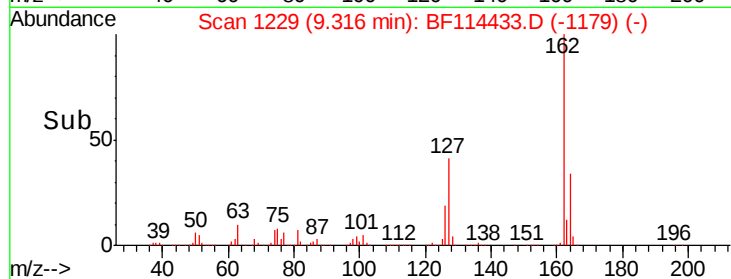
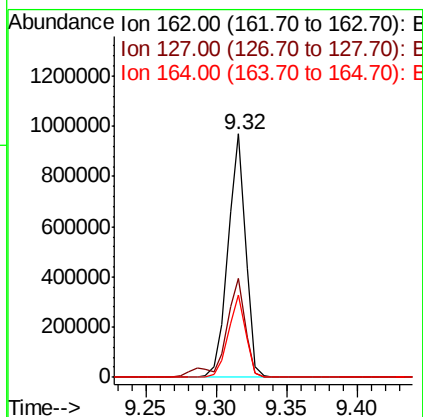
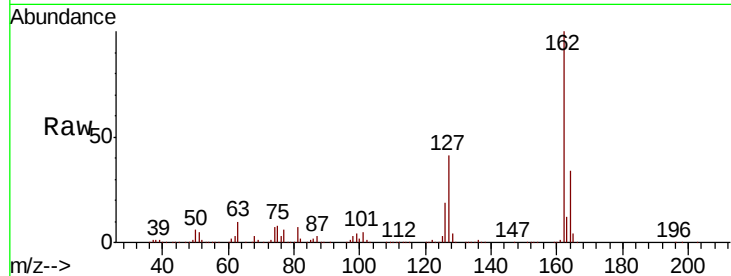




#47
 2-Chloronaphthalene
 Concen: 46.569 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

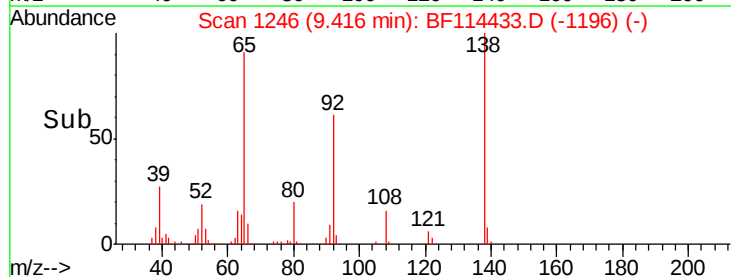
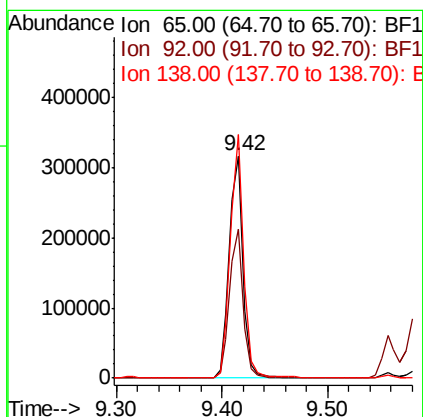
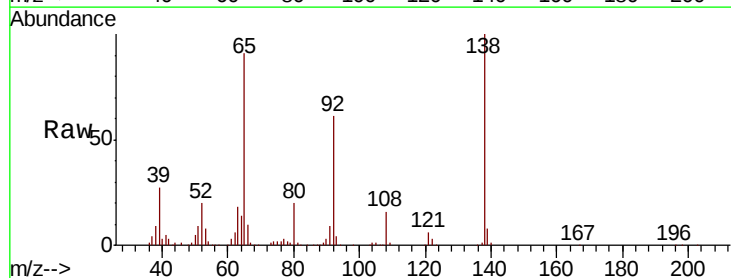
Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

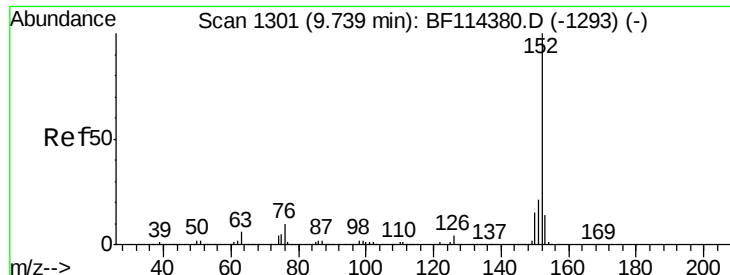
Tot Ion:162 Resp: 839584
 Ion Ratio Lower Upper
 162 100
 127 40.6 34.0 51.0
 164 33.7 26.7 40.1



#48
 2-Nitroaniline
 Concen: 44.563 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion: 65 Resp: 284935
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.9 80.9
 138 109.7 81.4 122.0





#49

Acenaphthylene

Concen: 47.902 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

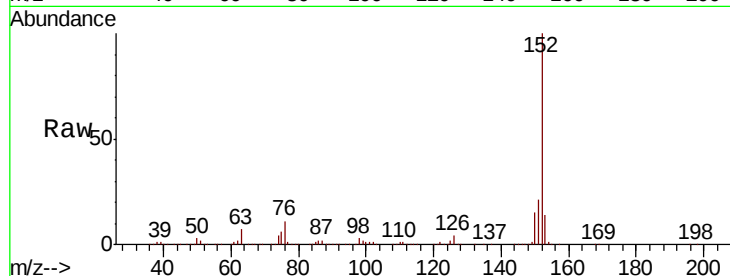
Tot Ion:152 Resp: 1313507

Ion Ratio Lower Upper

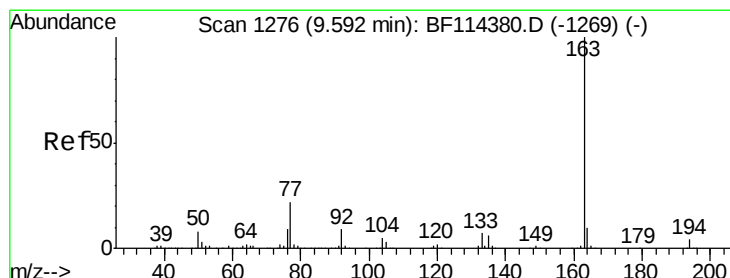
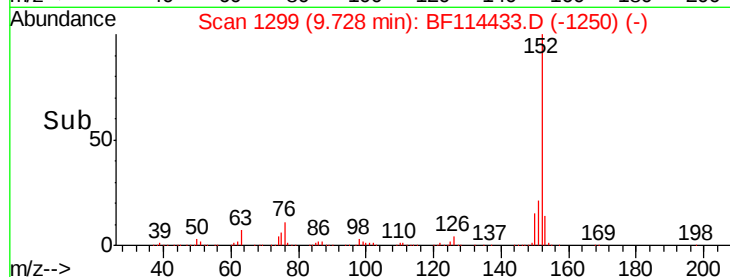
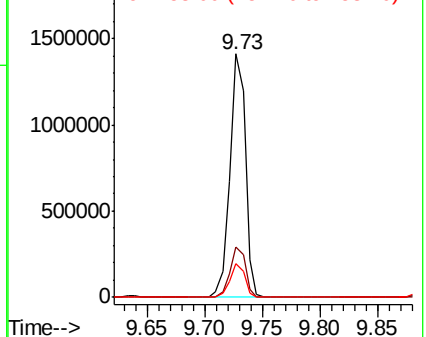
152 100

151 20.6 16.8 25.2

153 13.8 11.4 17.2



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



#50

Dimethylphthalate

Concen: 53.931 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

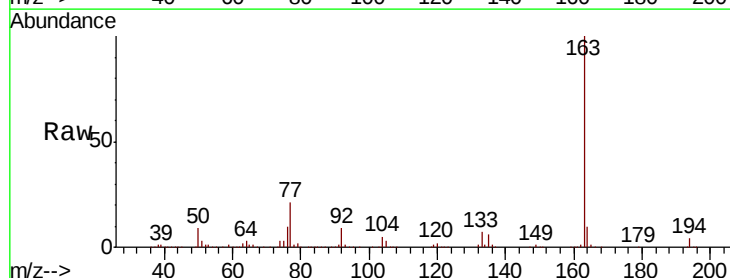
Tgt Ion:163 Resp: 1097837

Ion Ratio Lower Upper

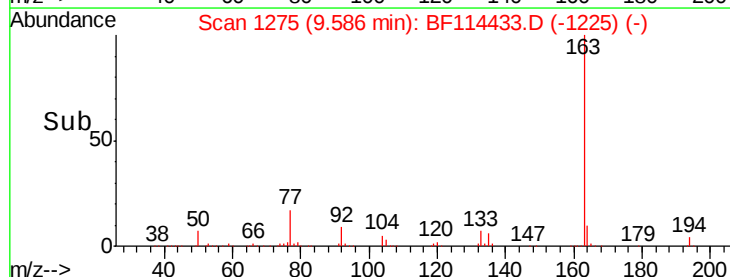
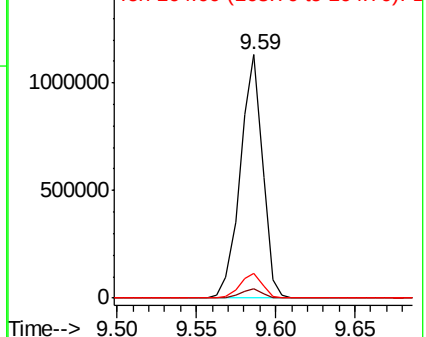
163 100

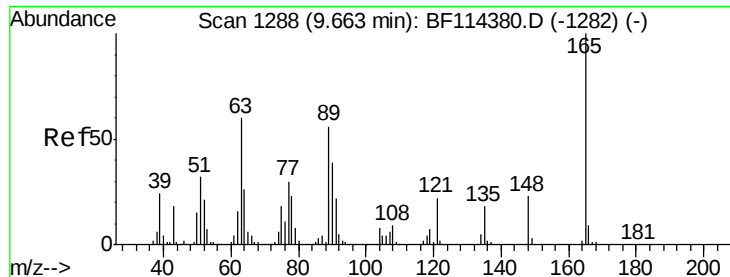
194 4.1 3.4 5.0

164 10.2 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

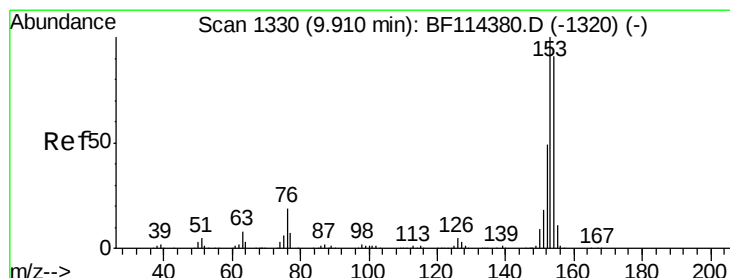
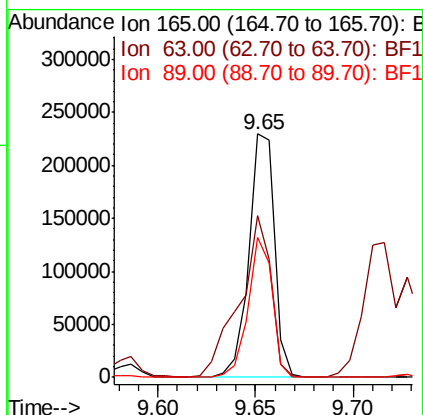
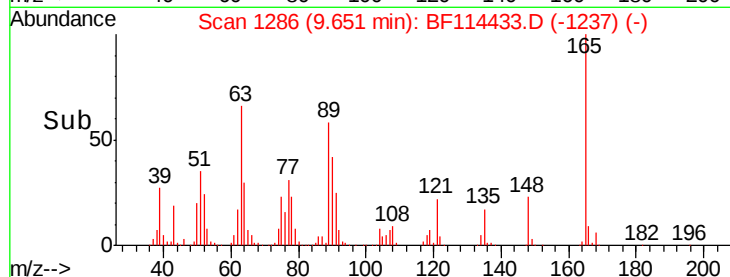
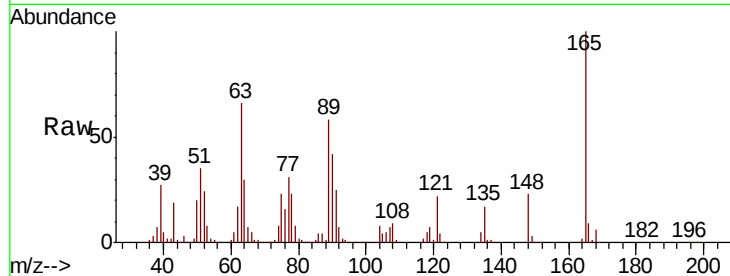




#51
 2,6-Dinitrotoluene
 Concen: 46.450 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

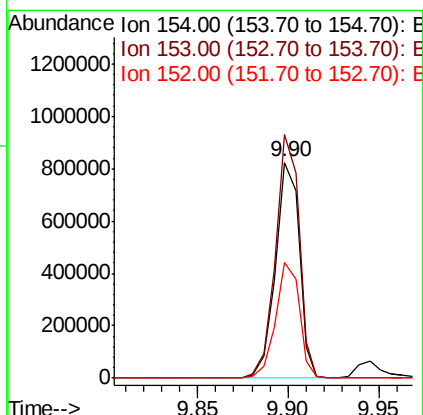
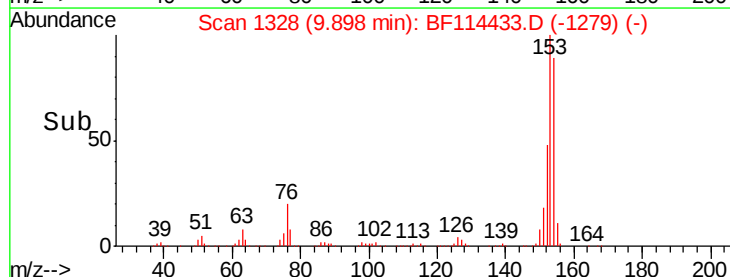
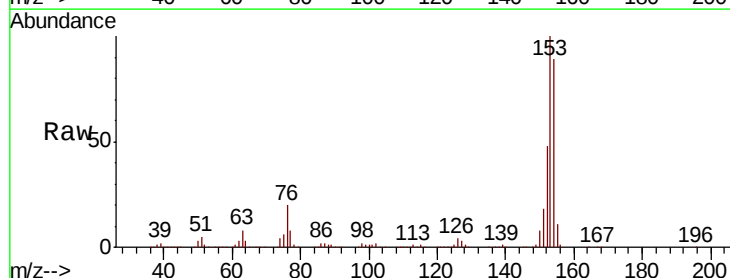
Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

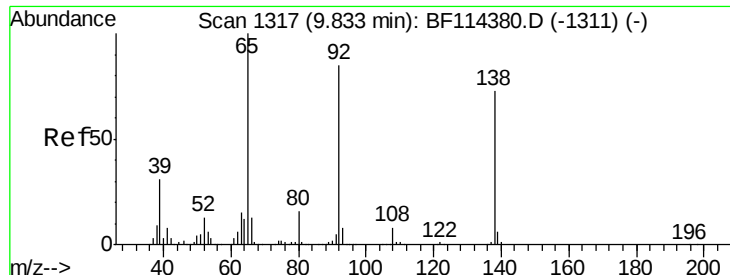
Tot Ion:165 Resp: 209724
 Ion Ratio Lower Upper
 165 100
 63 66.2 50.2 75.4
 89 57.5 46.6 69.8



#52
 Acenaphthene
 Concen: 44.735 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:154 Resp: 752742
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.5 135.7
 152 53.8 43.4 65.2

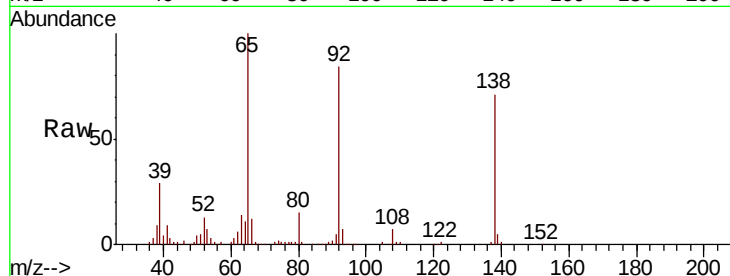




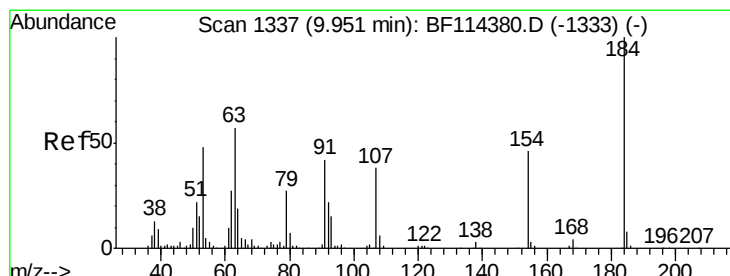
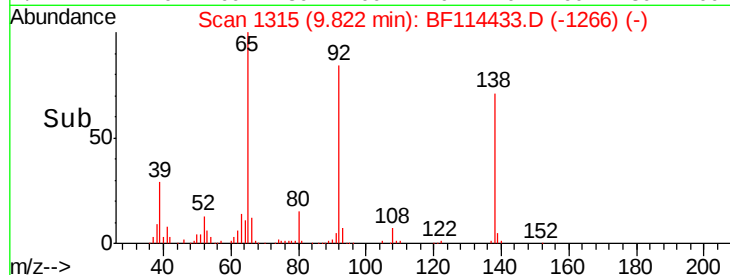
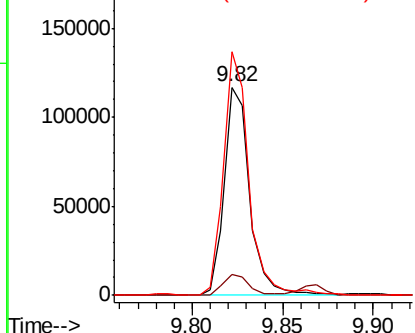
#53
3-Nitroaniline
Concen: 20.480 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion:138 Resp: 114783
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 117.0 91.2 136.8

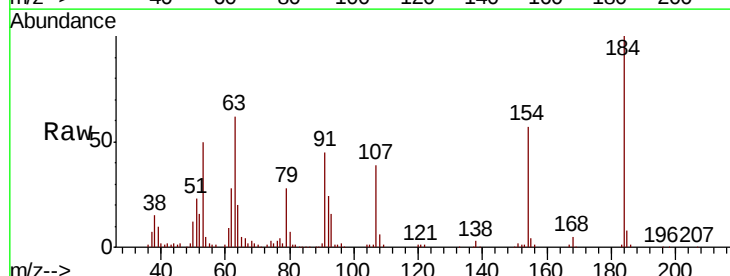


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

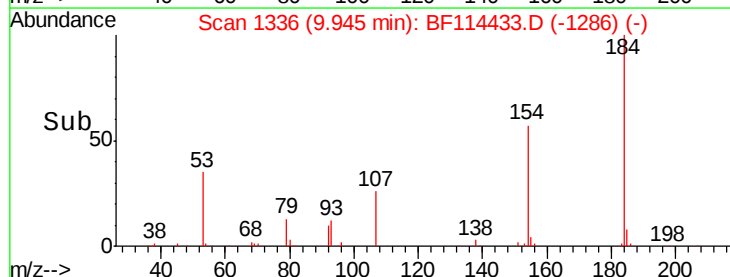
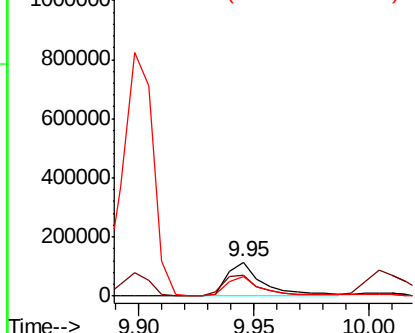


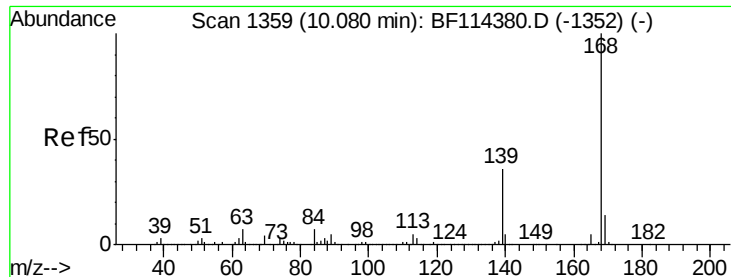
#54
2,4-Dinitrophenol
Concen: 56.758 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:184 Resp: 124000
Ion Ratio Lower Upper
184 100
63 62.0 55.6 83.4
154 57.2 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

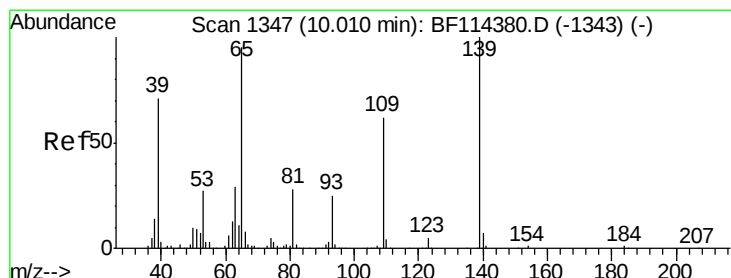
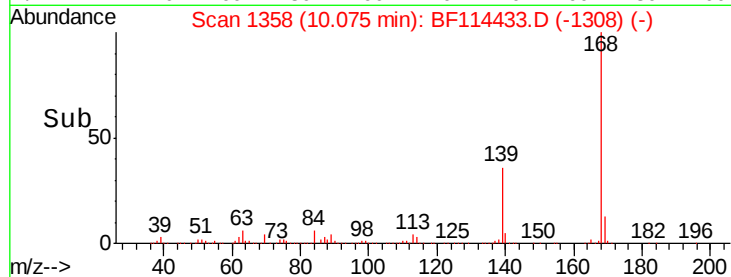
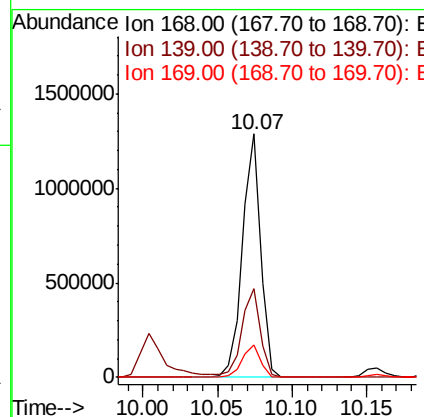
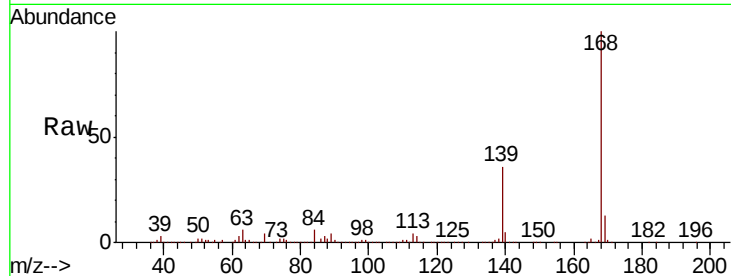




#55
Dibenzenofuran
Concen: 44.755 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

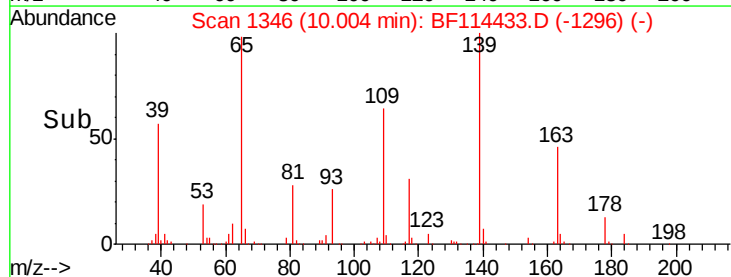
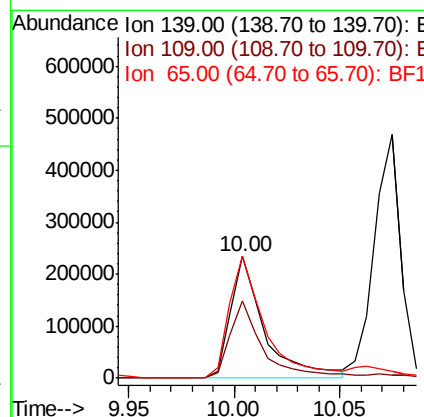
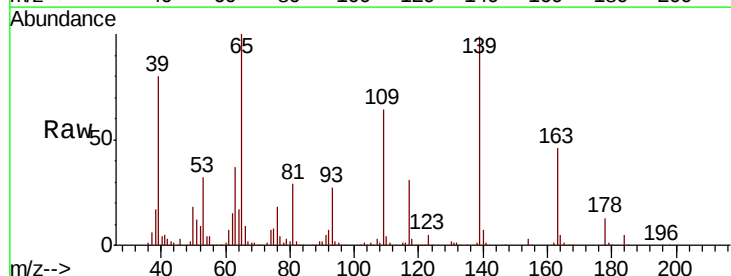
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

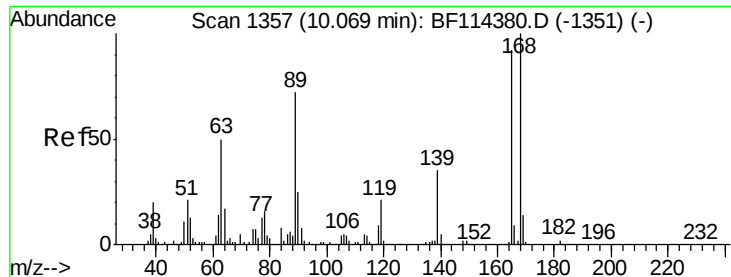
Tot Ion:168 Resp: 1104269
Ion Ratio Lower Upper
168 100
139 36.3 31.1 46.7
169 13.3 11.4 17.0



#56
4-Nitrophenol
Concen: 65.227 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:139 Resp: 258533
Ion Ratio Lower Upper
139 100
109 63.9 43.9 83.9
65 100.5 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 41.807 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

Tot Ion:165 Resp: 256201

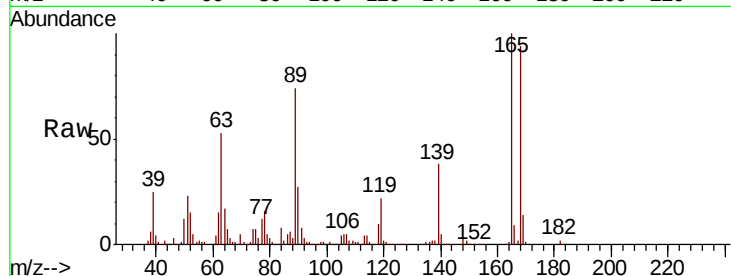
Ion Ratio Lower Upper

165 100

63 53.1 35.5 53.3

89 73.5 55.2 82.8

182 2.3 2.2 3.2

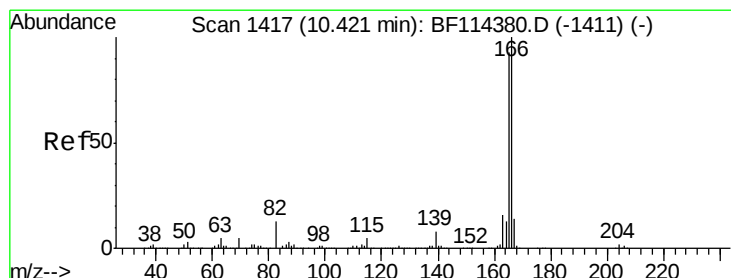
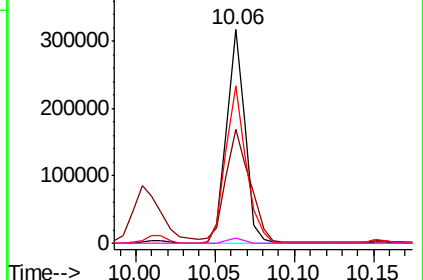
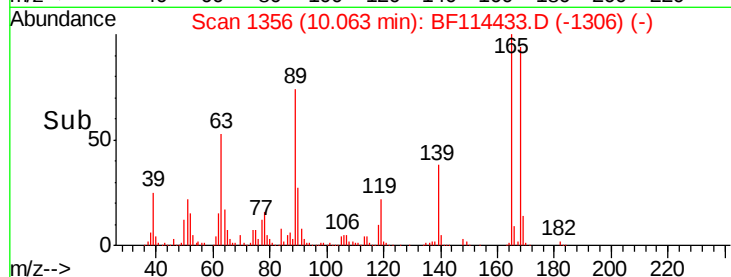


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.886 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

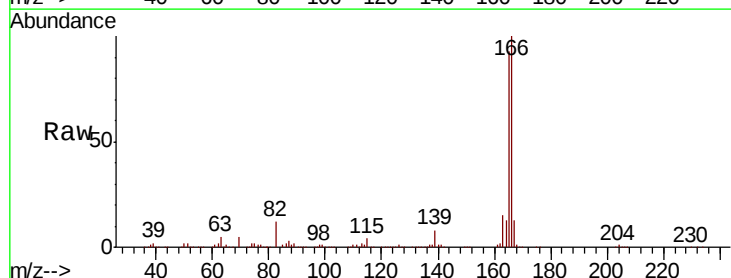
Tgt Ion:166 Resp: 855458

Ion Ratio Lower Upper

166 100

165 93.0 76.1 114.1

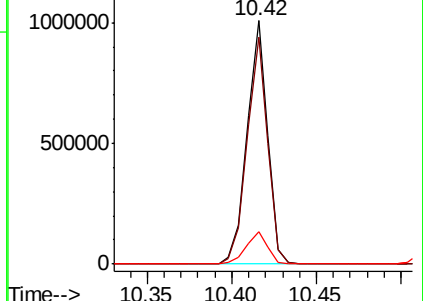
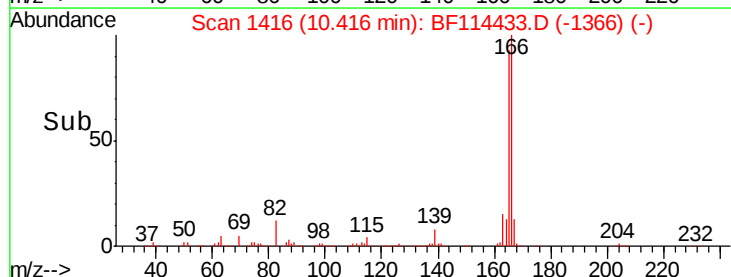
167 13.5 11.1 16.7

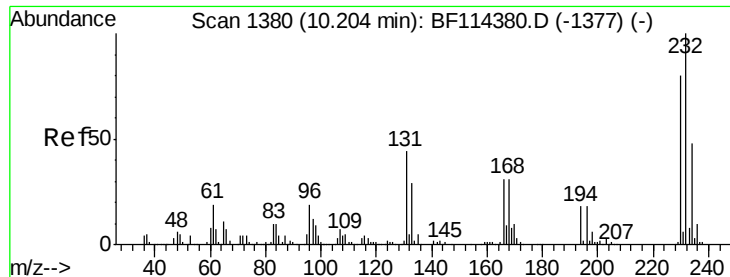


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

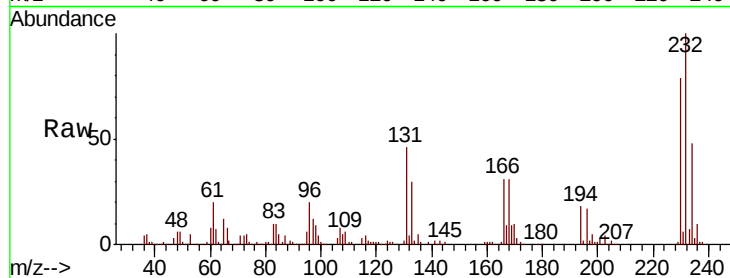




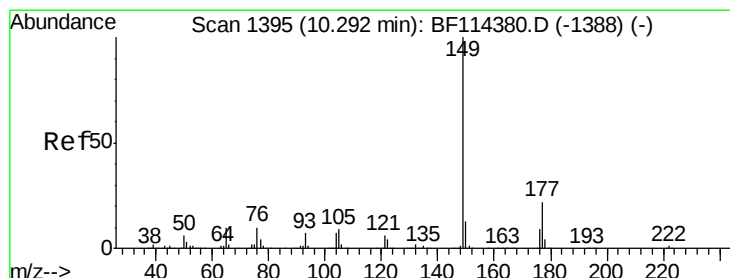
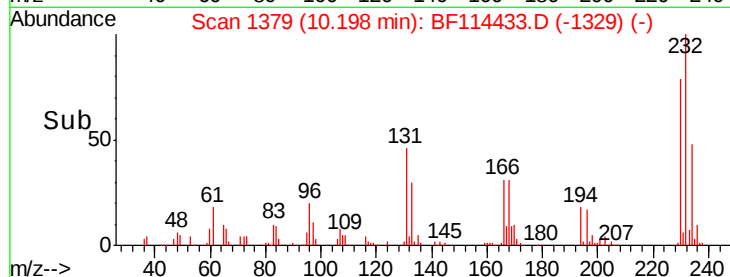
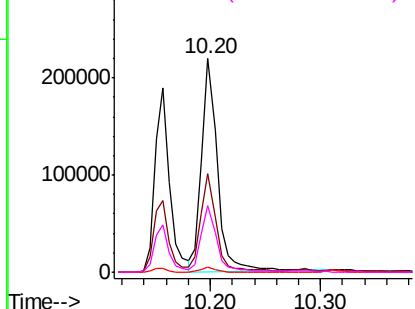
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.705 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

Tot Ion:	232	Resp:	213222
Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.6	53.4
130	2.2	1.6	2.4
166	30.0	24.1	36.1

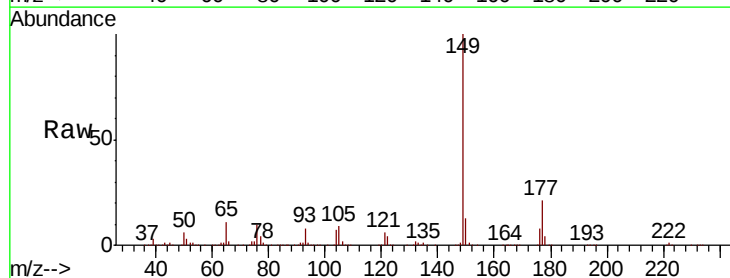


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

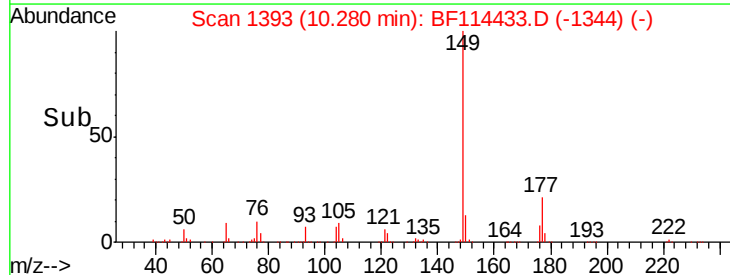
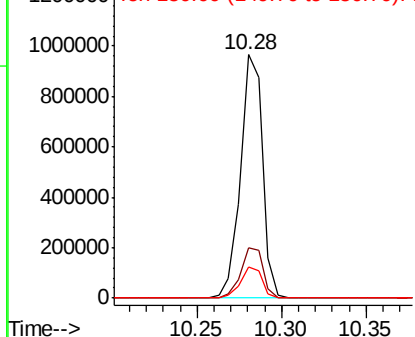


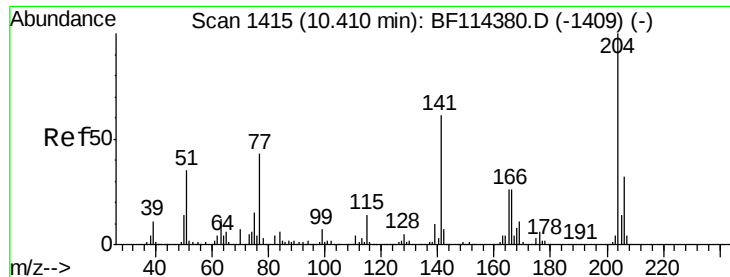
#60
 Diethylphthalate
 Concen: 42.314 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:	149	Resp:	875198
Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.8	26.6
150	12.8	10.2	15.2



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

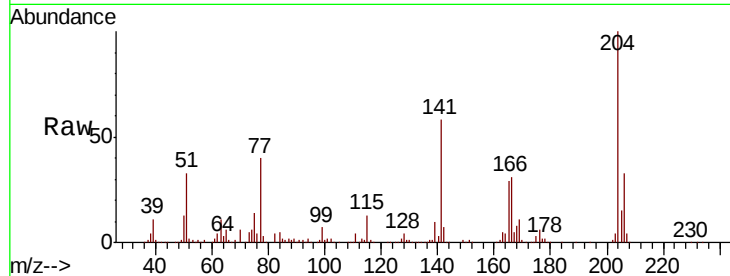




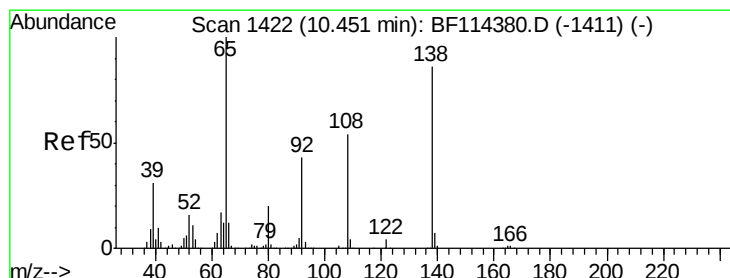
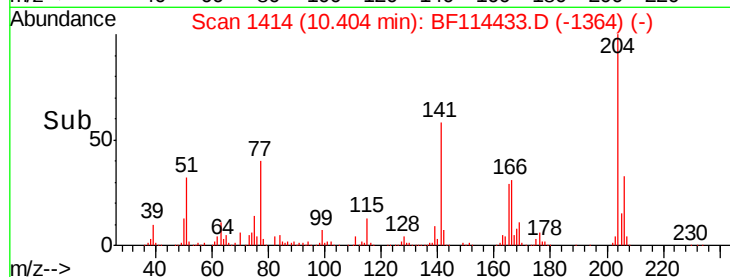
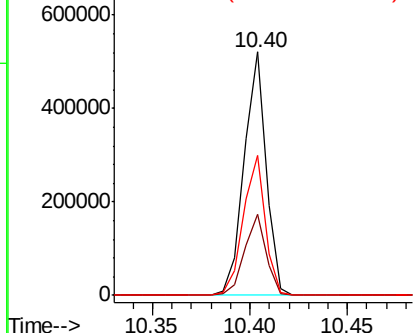
#61
4-Chlorophenyl-phenylether
Concen: 43.576 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion:204 Resp: 407894
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.5 46.4 69.6

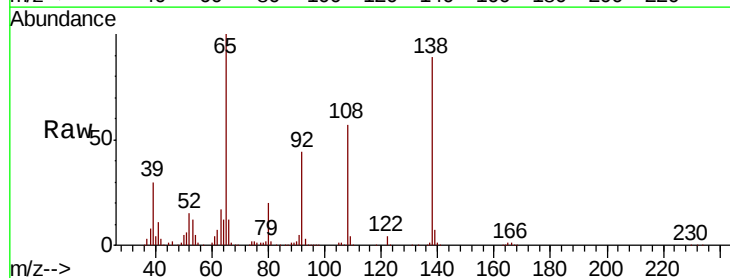


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

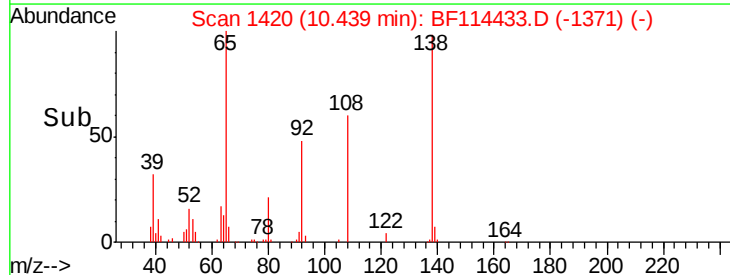
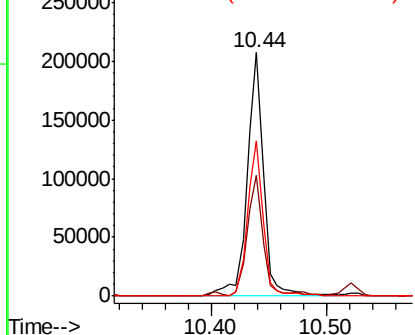


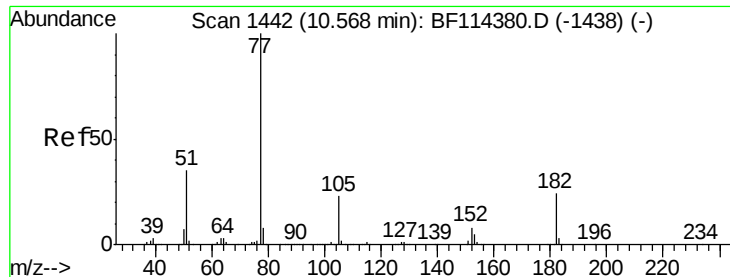
#62
4-Nitroaniline
Concen: 34.669 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:138 Resp: 204186
Ion Ratio Lower Upper
138 100
92 49.5 33.0 73.0
108 63.9 44.9 84.9



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: 42.278 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

Tot Ion: 77 Resp: 846419

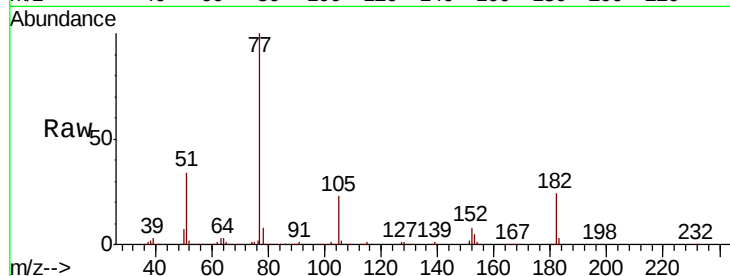
Ion Ratio Lower Upper

77 100

182 23.6 4.7 44.7

105 23.3 2.9 42.9

51 34.2 14.6 54.6

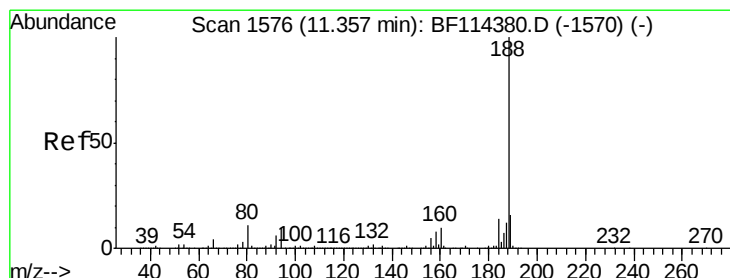
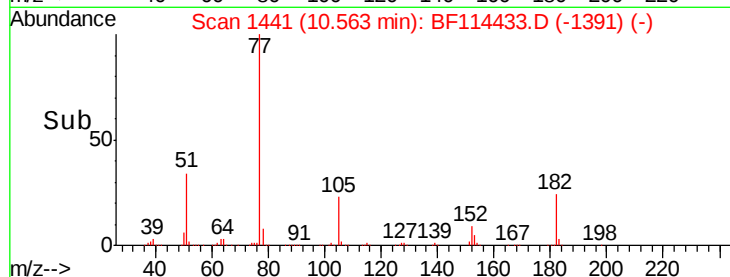
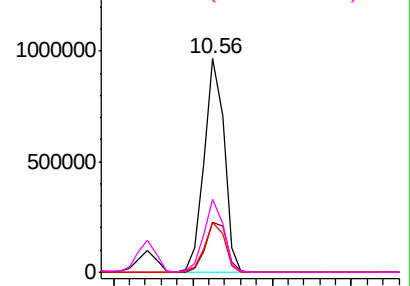


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

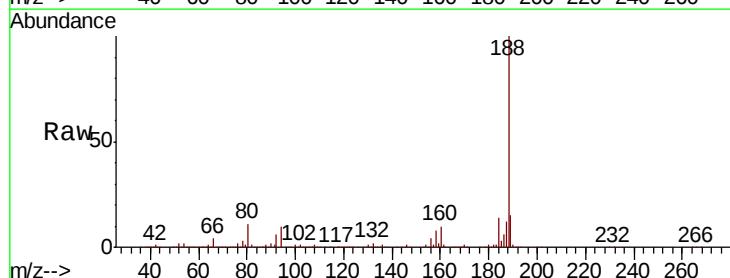
Tgt Ion: 188 Resp: 466853

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

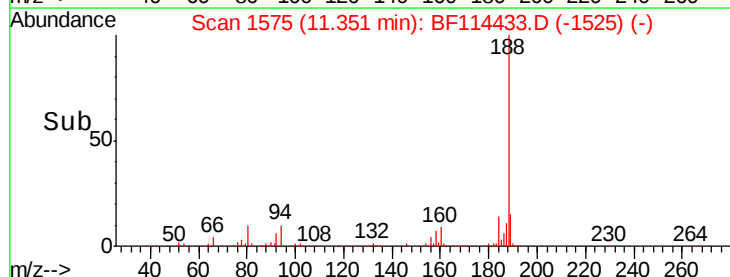
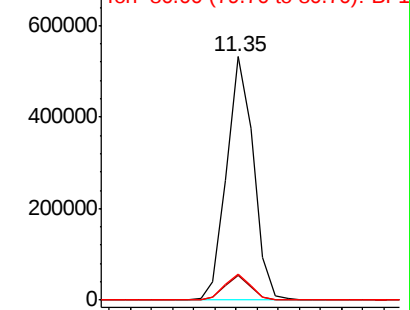
80 10.5 9.2 13.8

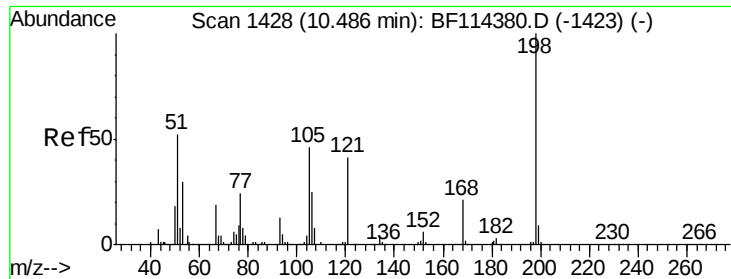


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.256 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

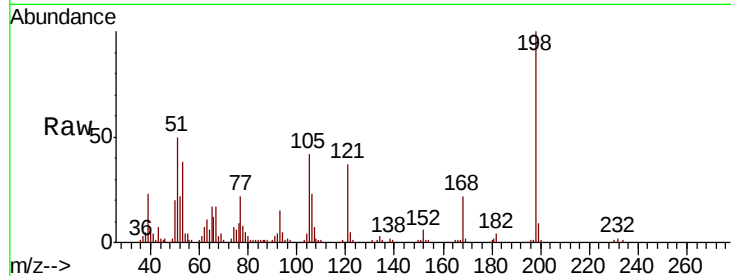
BNA_F

ClientSampleId :

GIS-5MS

Tot Ion:198 Resp: 92549

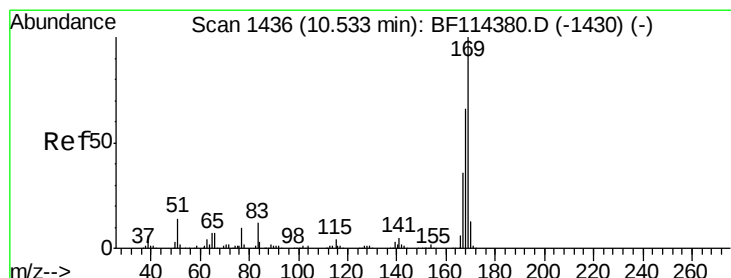
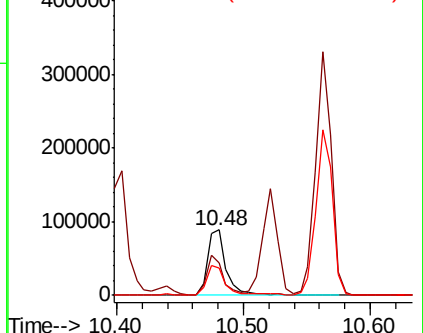
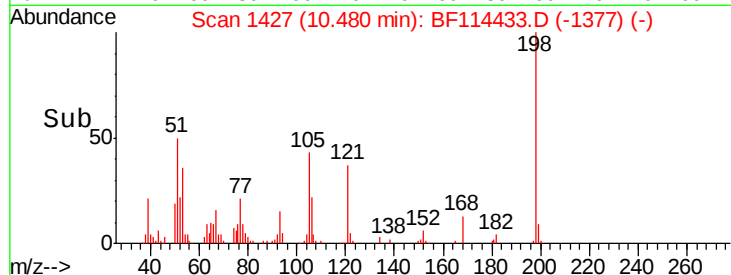
Ion	Ratio	Lower	Upper
198	100		
51	49.8	28.0	68.0
105	42.2	21.1	61.1



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: 52.312 ng

RT: 10.52 min Scan# 1434

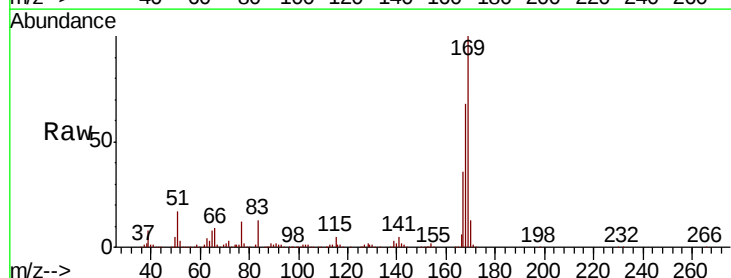
Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Tgt Ion:169 Resp: 741216

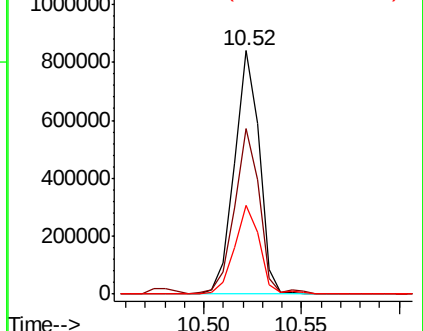
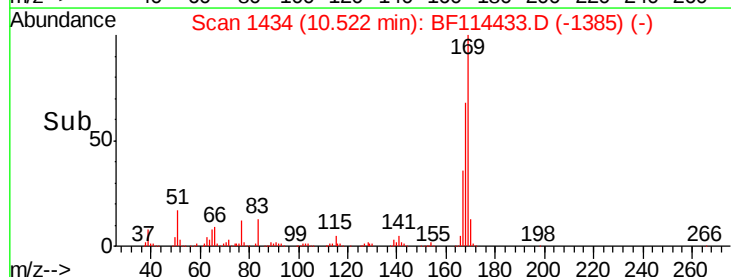
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.2
167	36.5	29.8	44.8

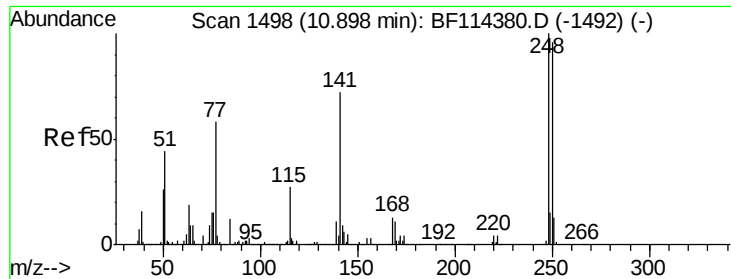


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

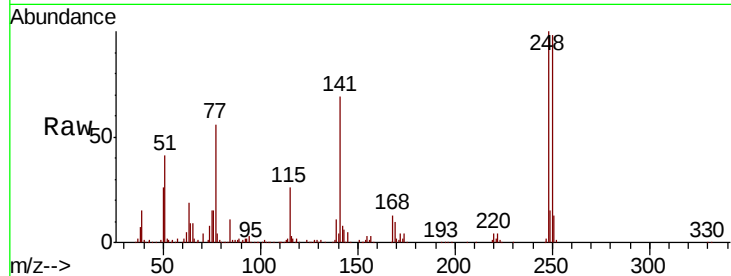




#67
4-Bromophenyl-phenylether
Concen: 46.338 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.2
141	69.5	55.6	83.4

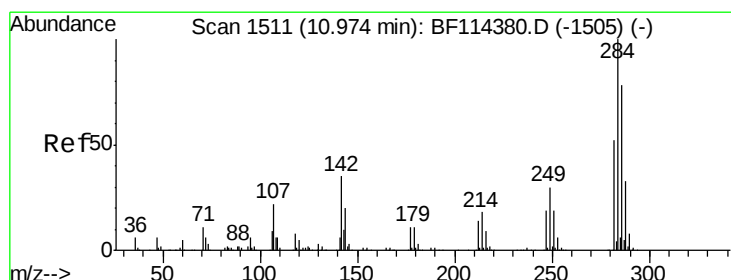
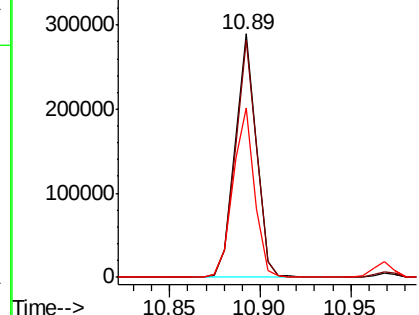
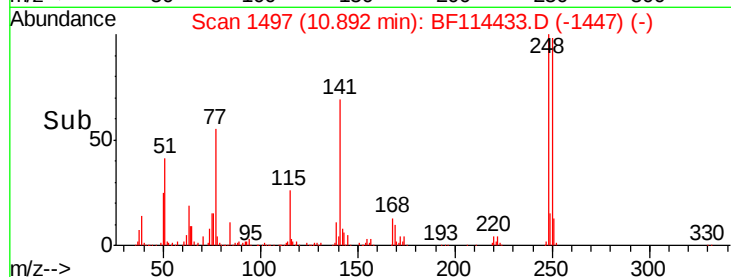


Abundance

Ion 248.00 (247.70 to 248.70): E

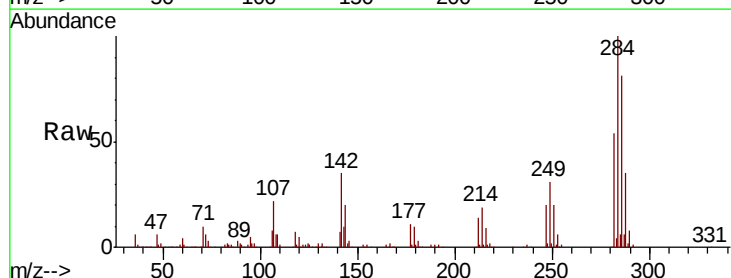
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.468 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.4	42.6
249	31.1	25.2	37.8

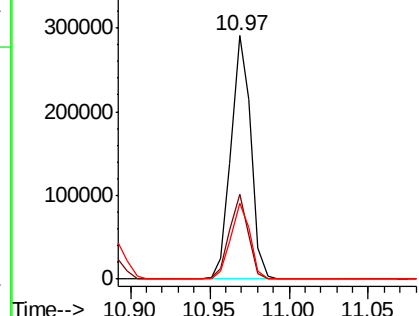
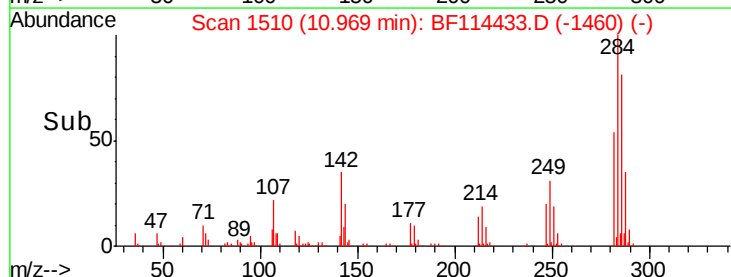


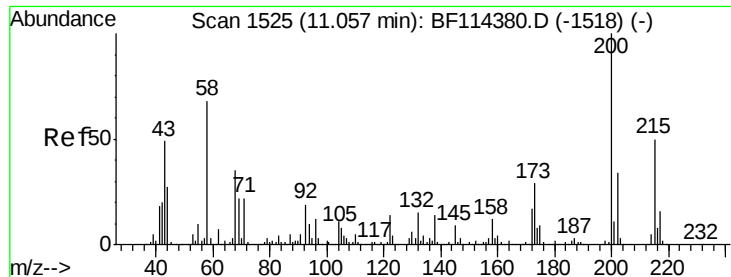
Abundance

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





#69

Atrazine

Concen: 45.332 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

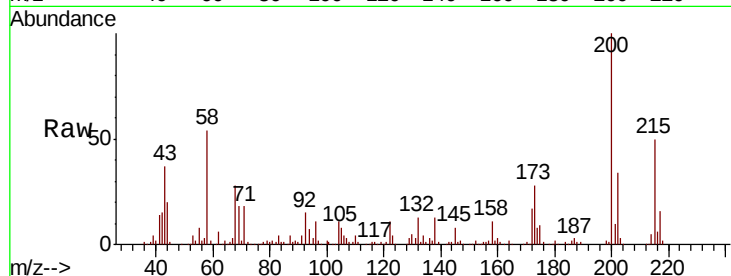
Tot Ion:200 Resp: 199887

Ion Ratio Lower Upper

200 100

173 28.3 8.9 48.9

215 49.8 30.7 70.7

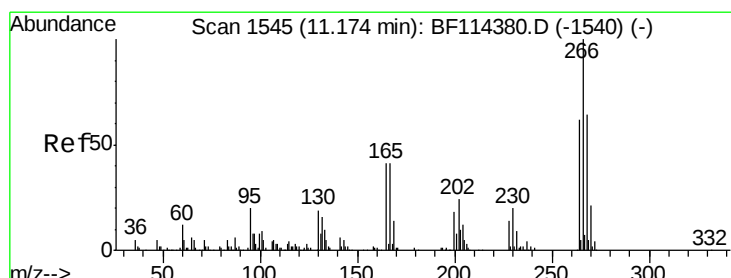
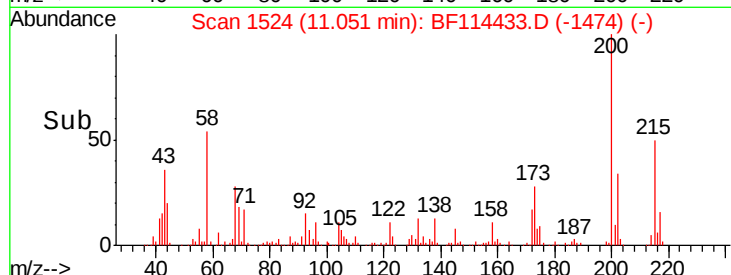
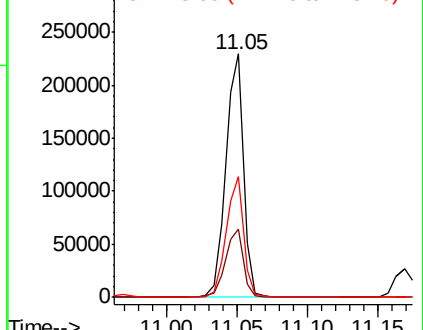


Abundance

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



#70

Pentachlorophenol

Concen: 73.590 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

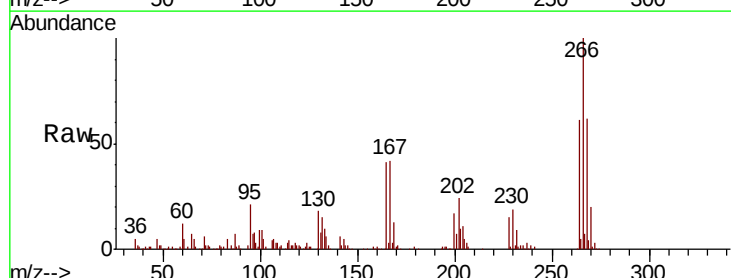
Tgt Ion:266 Resp: 198371

Ion Ratio Lower Upper

266 100

268 61.7 51.1 76.7

264 61.3 51.1 76.7

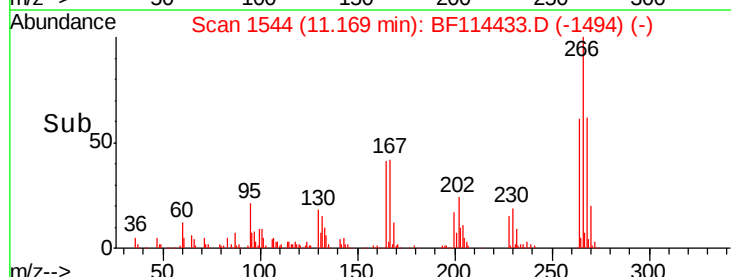
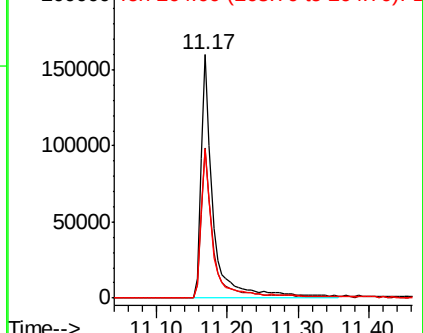


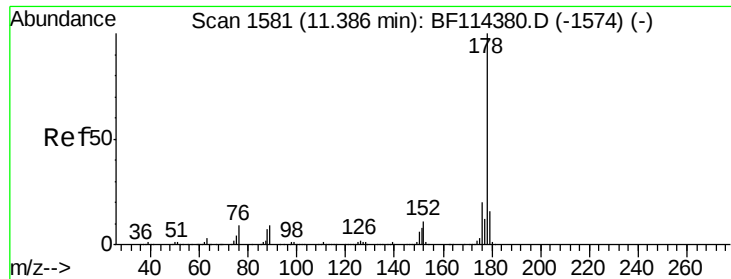
Abundance

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: 48.352 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

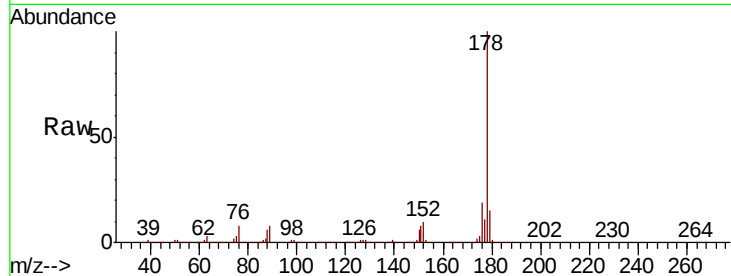
Tot Ion:178 Resp: 1098214

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

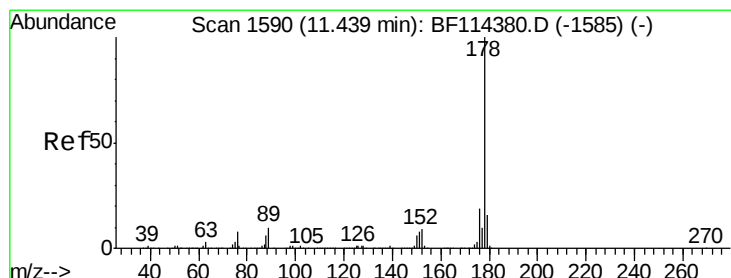
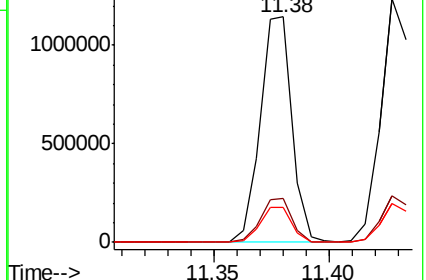
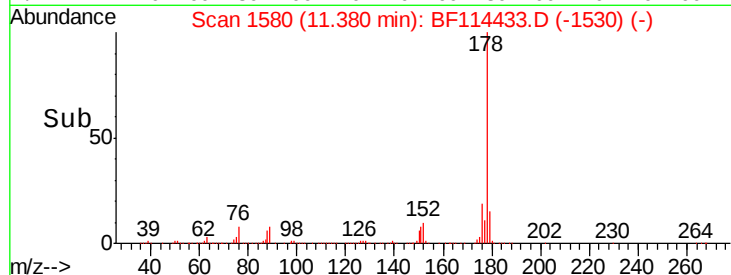
179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.708 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

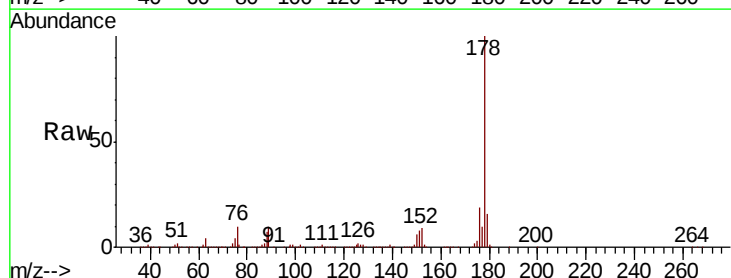
Tgt Ion:178 Resp: 1133997

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

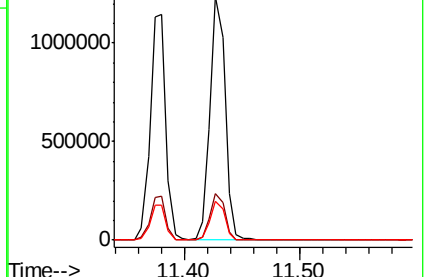
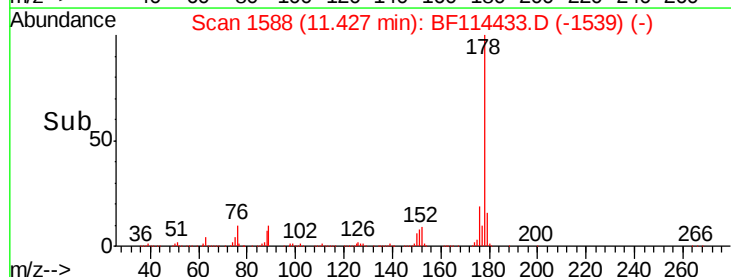
179 15.8 13.0 19.4

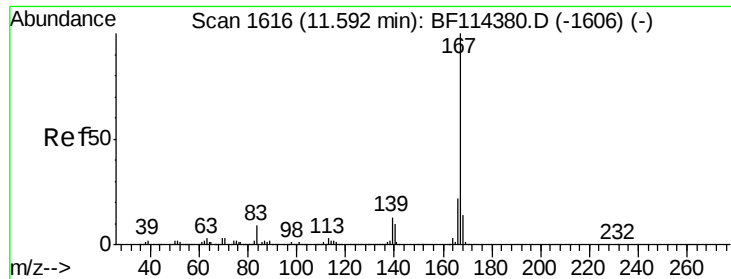


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

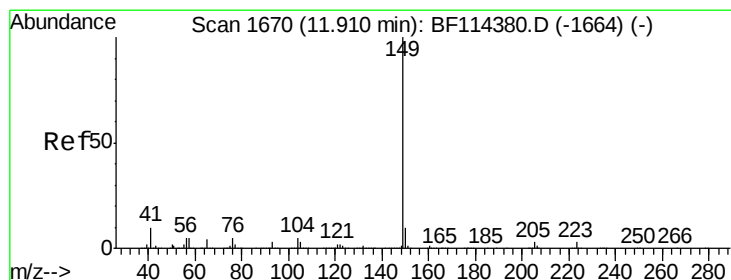
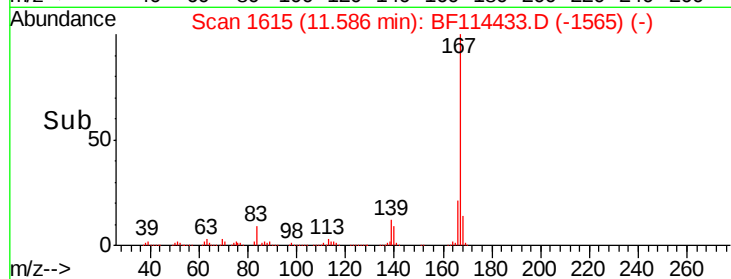
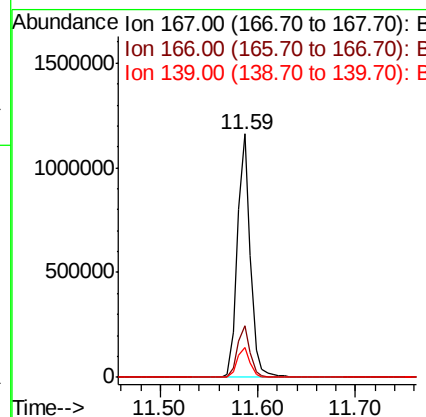
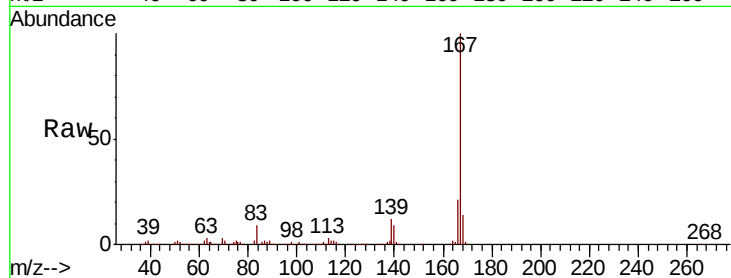




#73
 Carbazole
 Concen: 48.986 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

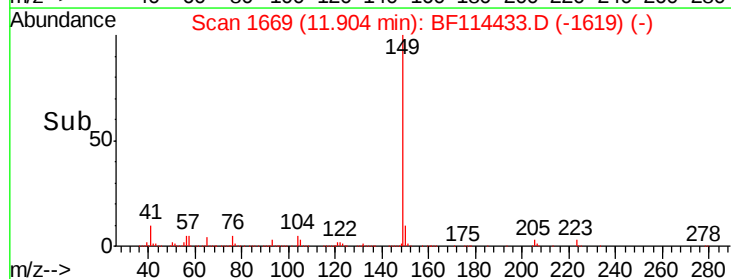
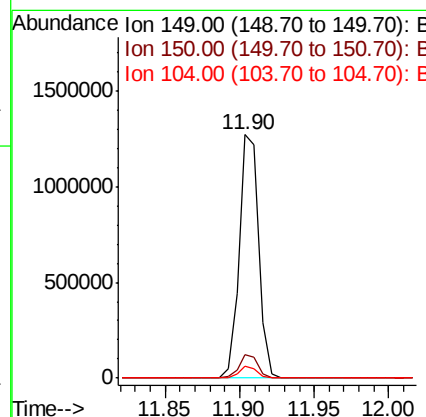
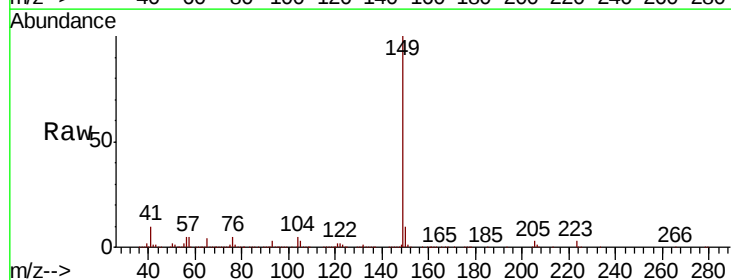
Instrument :
 BNA_F
 ClientSampleId :
 GIS-5MS

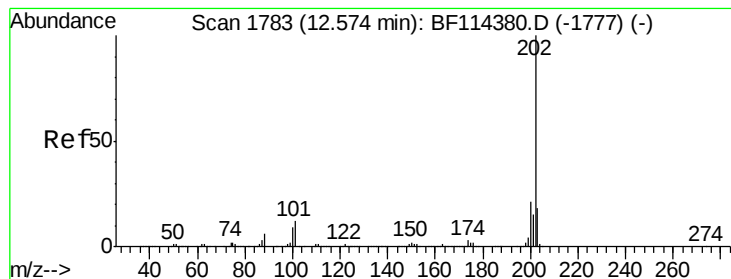
Tot Ion:167 Resp: 1065659
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.2 27.2
 139 12.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.693 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF114433.D
 Acq: 20 May 2019 12:46

Tgt Ion:149 Resp: 1170257
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 45.272 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

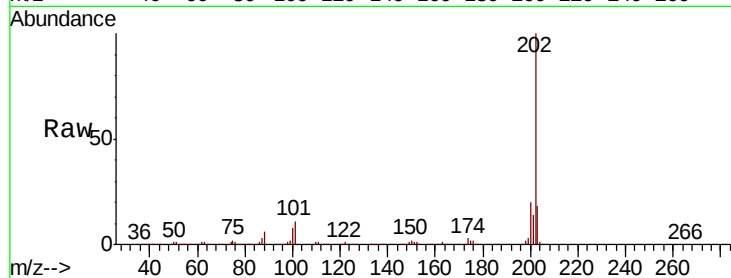
Tot Ion:202 Resp: 1107306

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

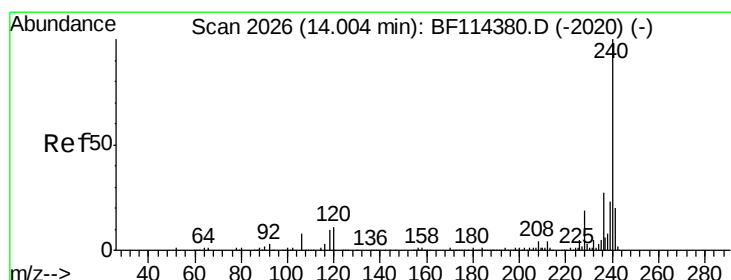
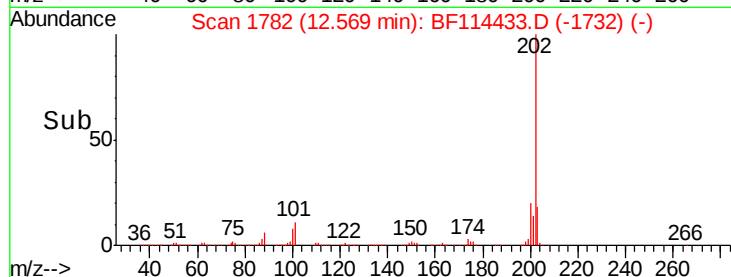
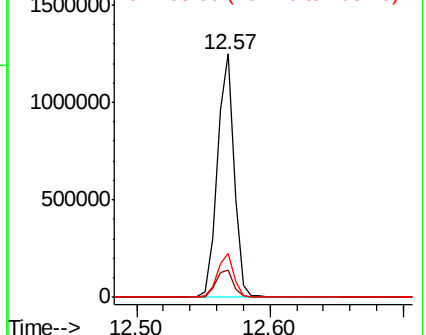
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

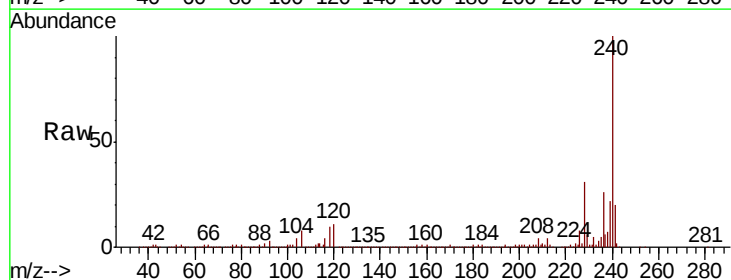
Tgt Ion:240 Resp: 370654

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

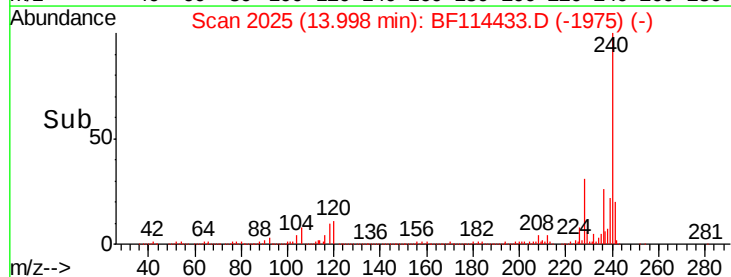
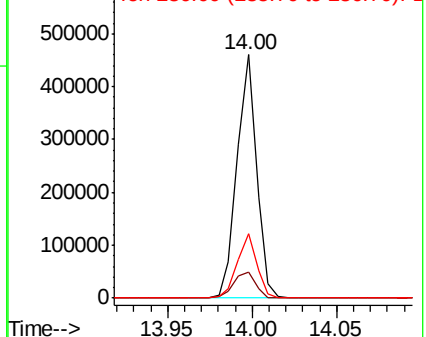
236 26.2 20.8 31.2

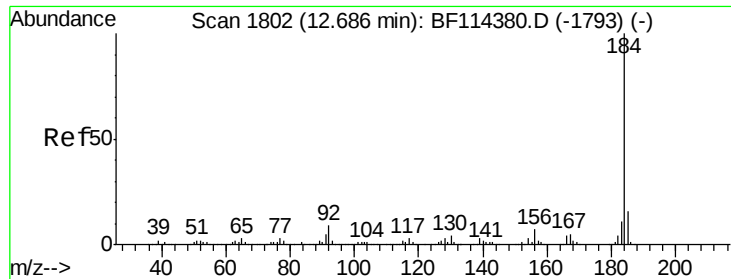


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.895 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

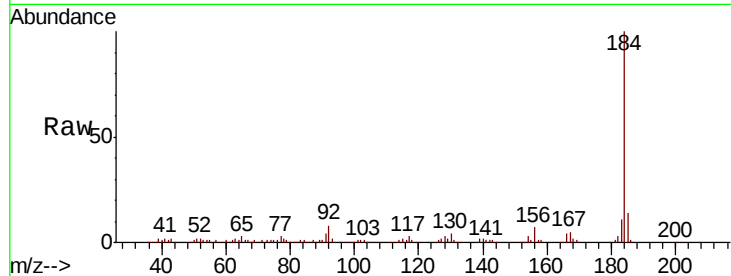
Tot Ion:184 Resp: 197903

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

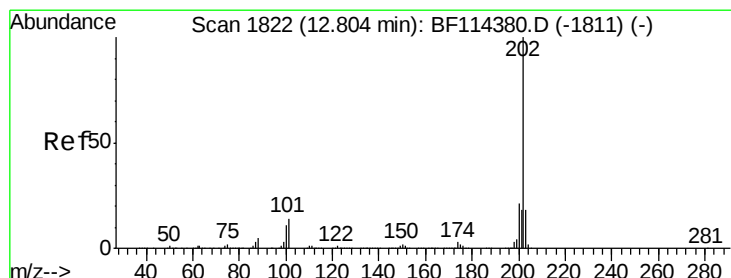
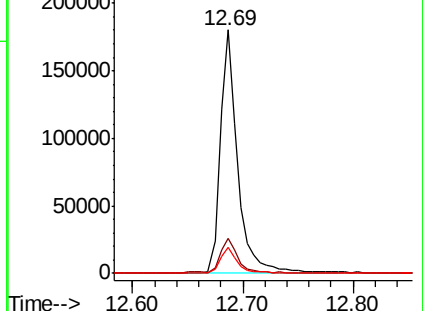
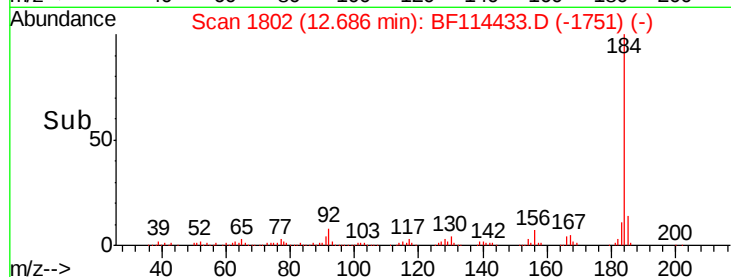
183 10.7 9.2 13.8



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: 38.382 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

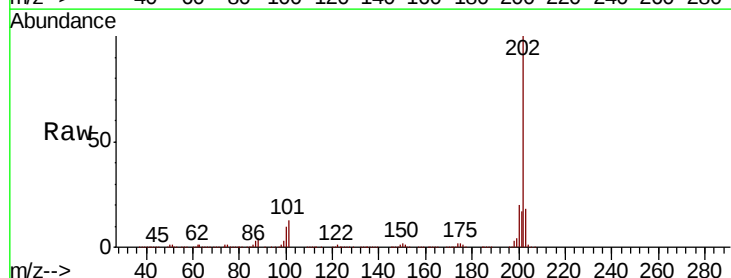
Tgt Ion:202 Resp: 1144460

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

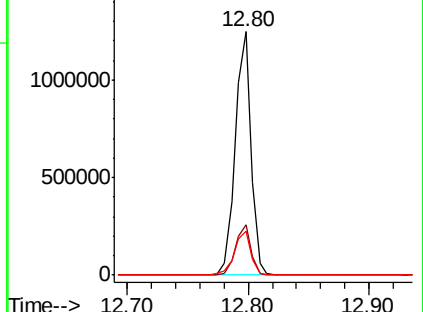
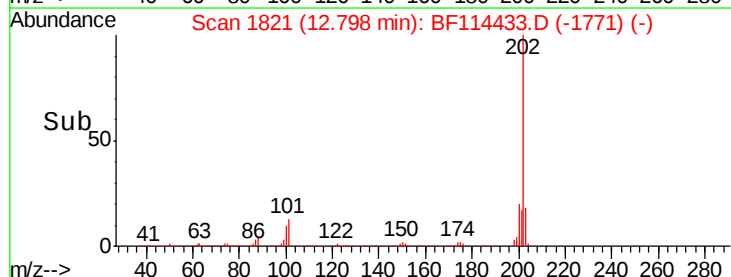
203 17.9 14.5 21.7

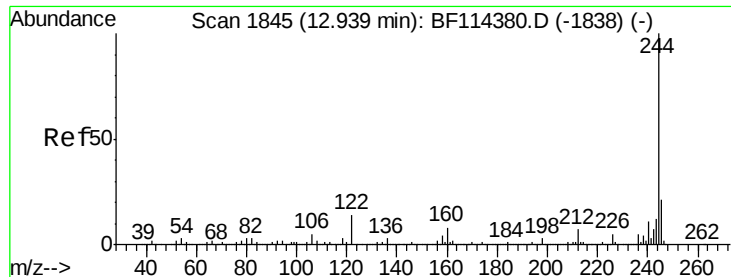


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.677 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

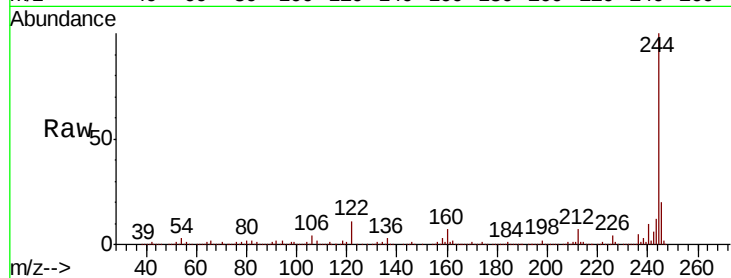
Tot Ion:244 Resp: 1360711

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

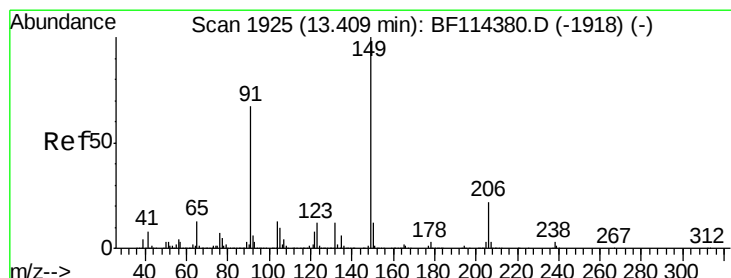
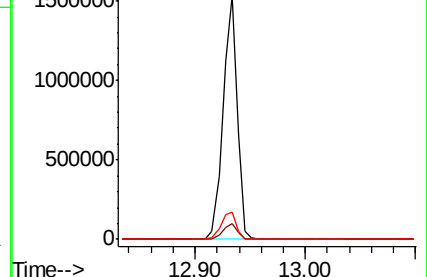
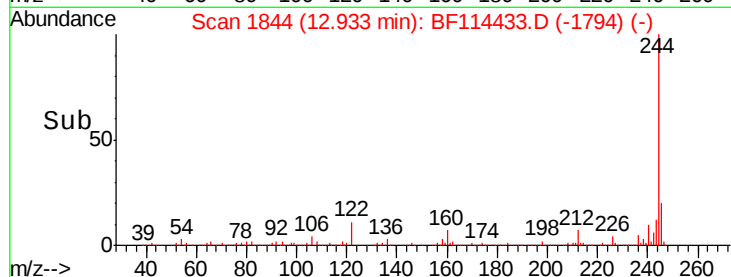
122 11.4 9.4 14.2



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: 38.932 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

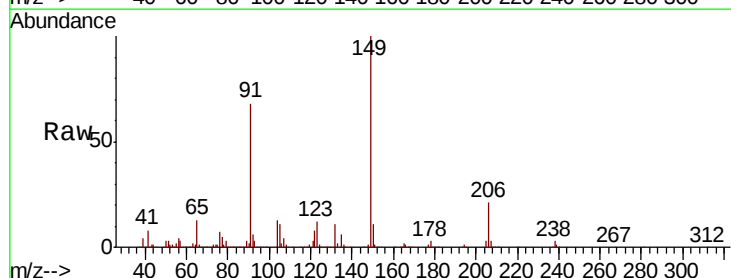
Tgt Ion:149 Resp: 488614

Ion Ratio Lower Upper

149 100

91 67.7 55.0 82.4

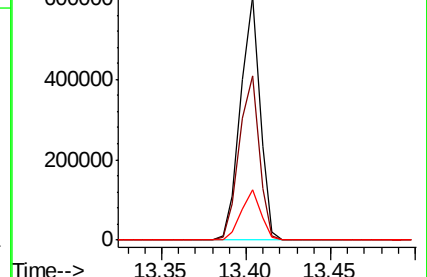
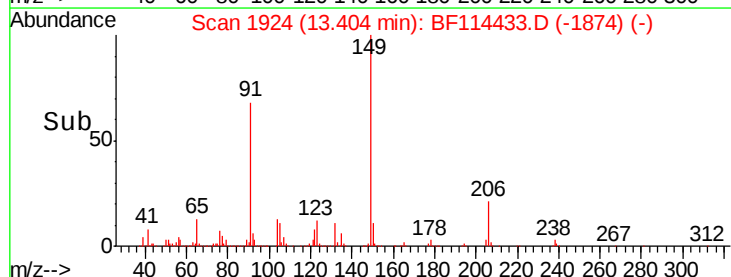
206 20.8 16.9 25.3

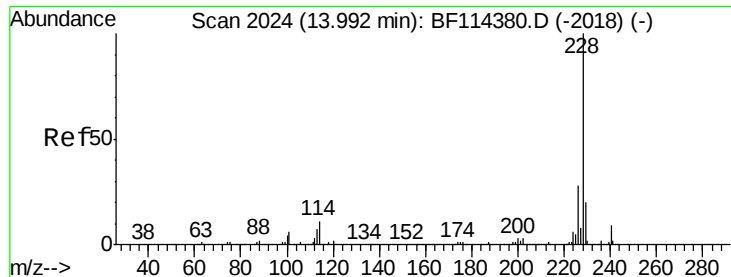


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.264 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

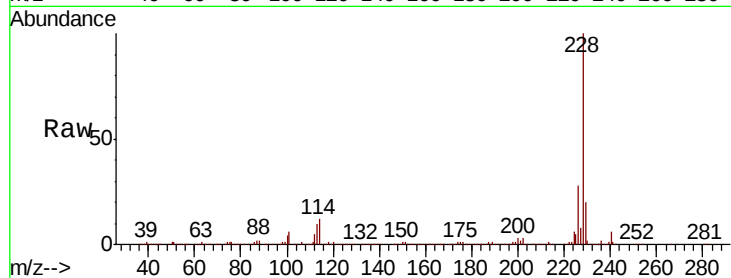
Tot Ion:228 Resp: 1109113

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

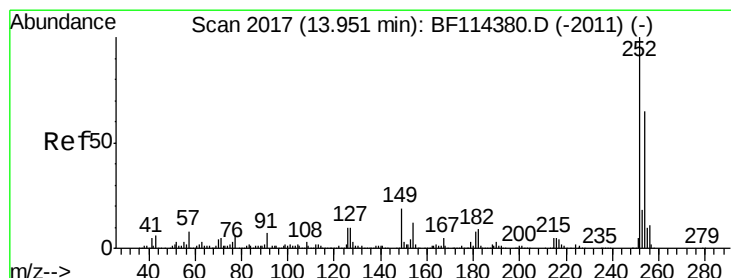
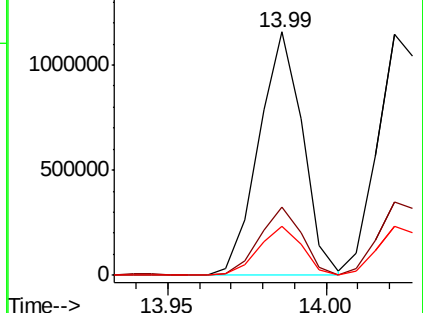
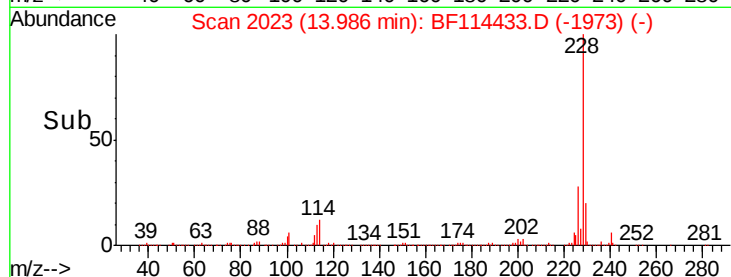
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.194 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

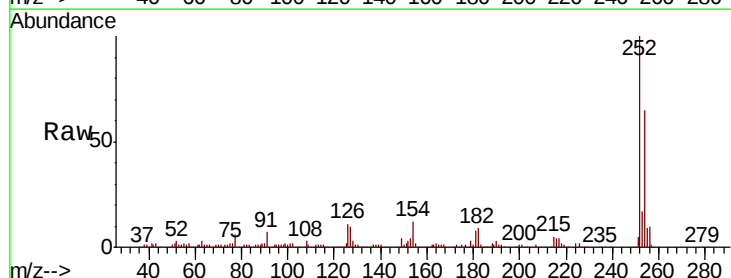
Tgt Ion:252 Resp: 318004

Ion Ratio Lower Upper

252 100

254 64.8 51.9 77.9

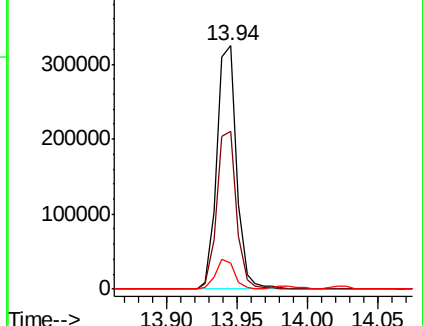
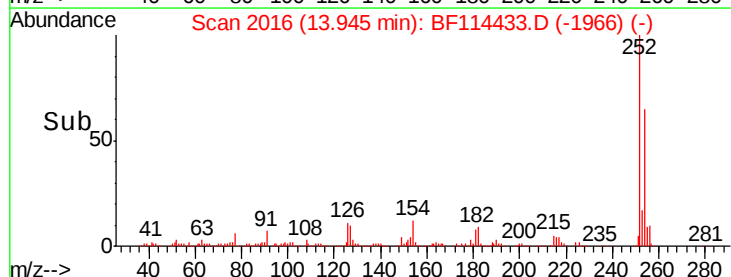
126 10.9 7.9 11.9

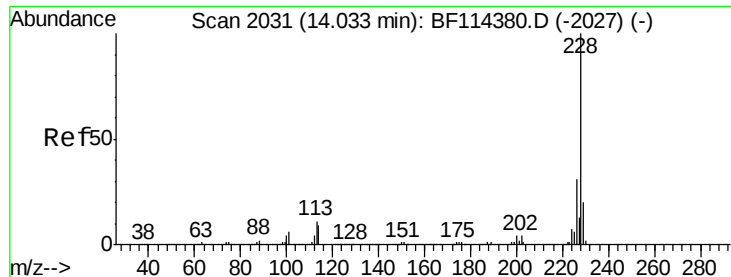


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.213 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

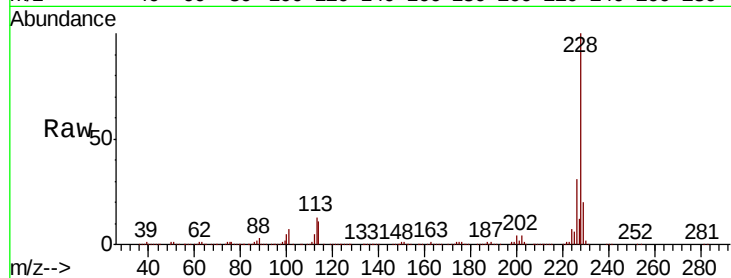
Tot Ion:228 Resp: 1109562

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 20.5 17.0 25.6

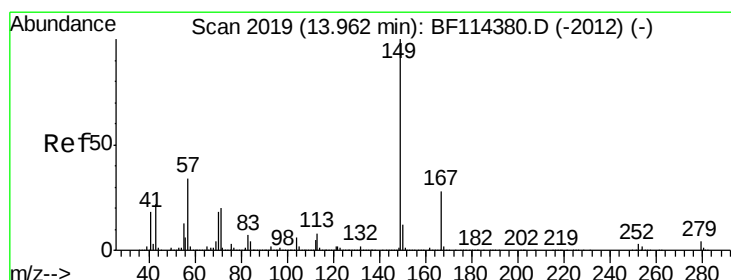
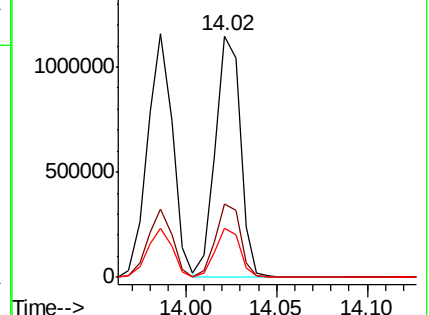
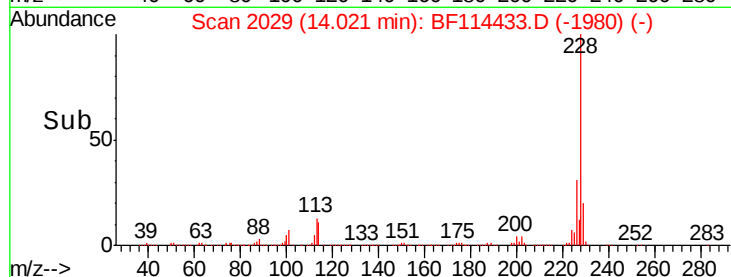


Abundance

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: 41.312 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

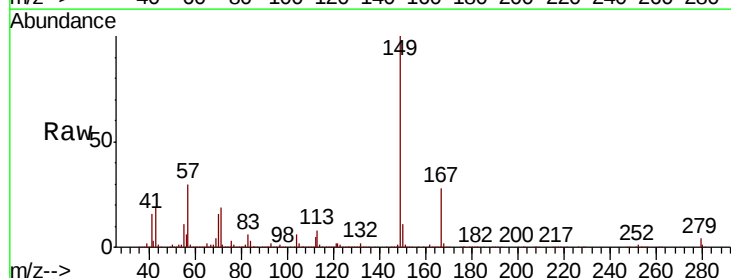
Tgt Ion:149 Resp: 678107

Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

279 3.9 3.0 4.6

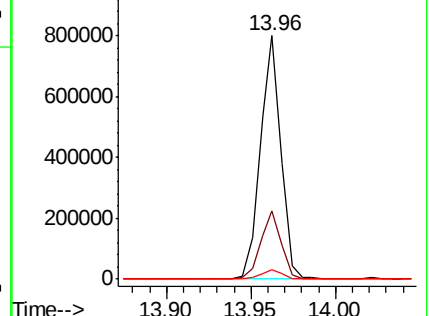
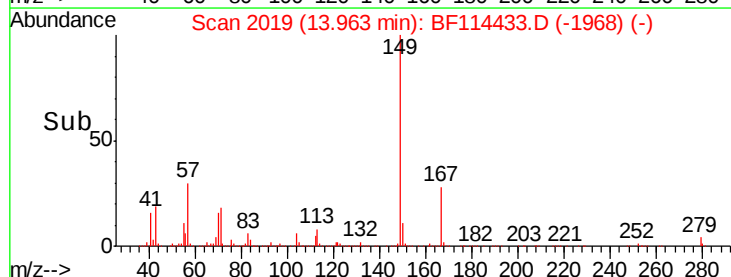


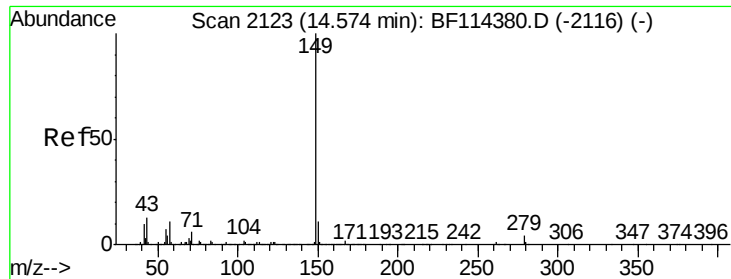
Abundance

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

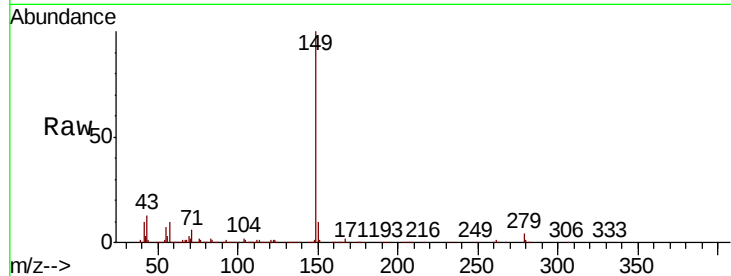




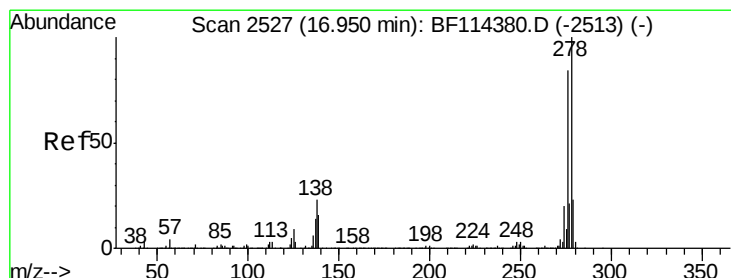
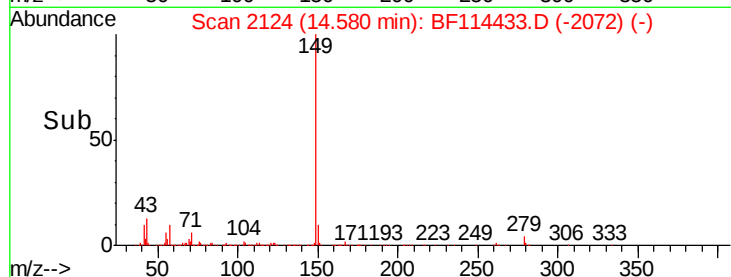
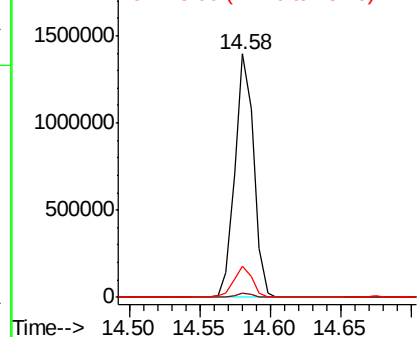
#85
Di-n-octyl phthalate
Concen: 48.536 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion:149 Resp: 1291463
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 10.1 15.1

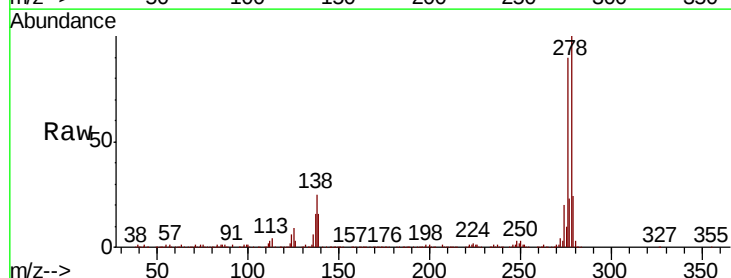


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

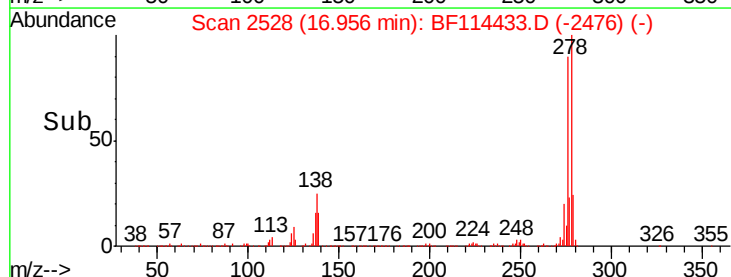
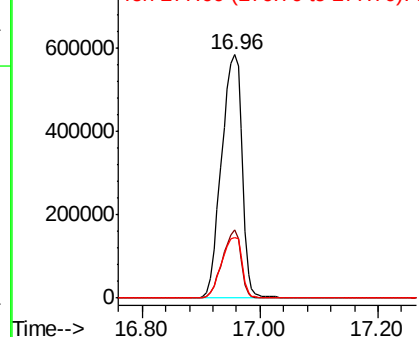


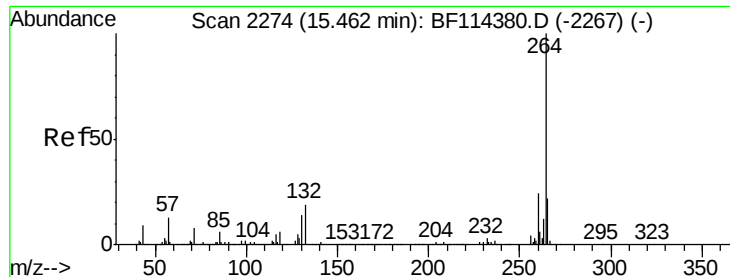
#86
Indeno(1,2,3-cd)pyrene
Concen: 68.493 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:276 Resp: 1422577
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.2
277 25.1 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

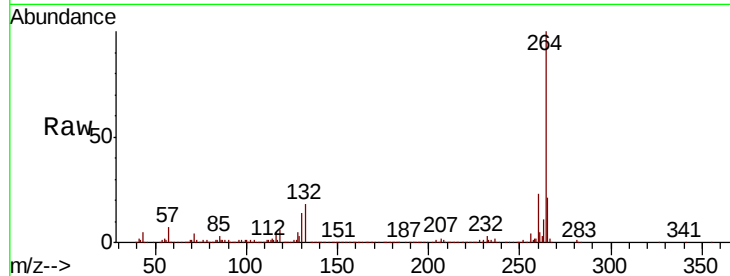




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Instrument :
BNA_F
ClientSampleId :
GIS-5MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.2	16.9	25.3

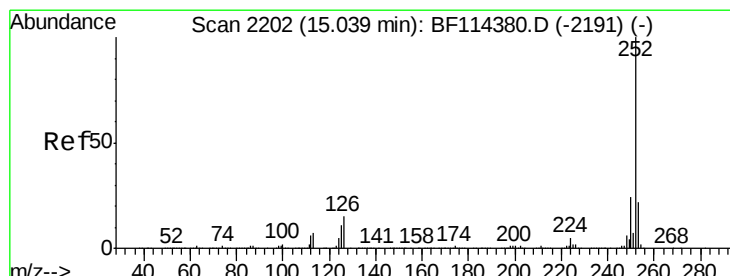
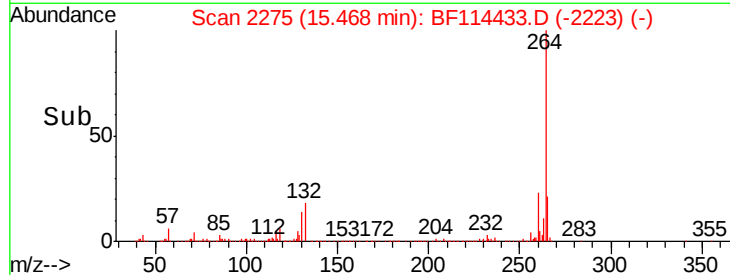
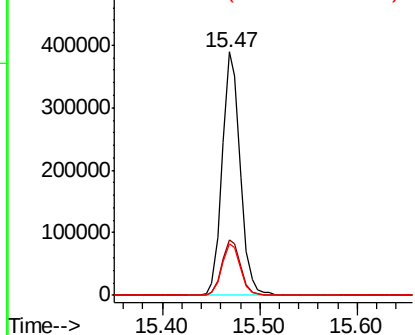


Abundance

Ion 264.00 (263.70 to 264.70): E

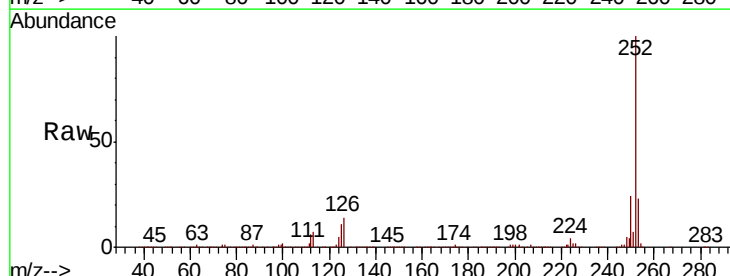
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.561 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.2	8.3	12.5

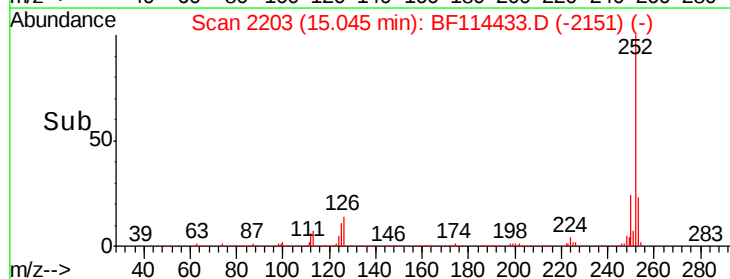
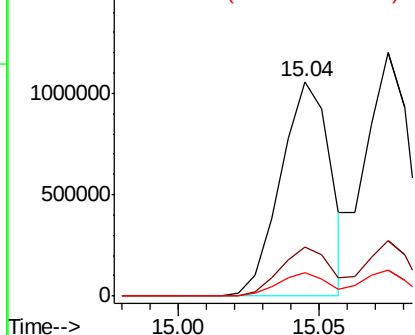


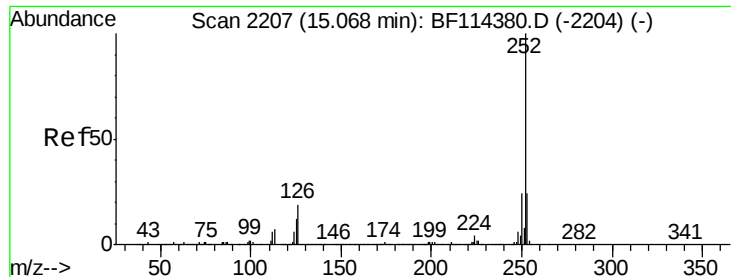
Abundance

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

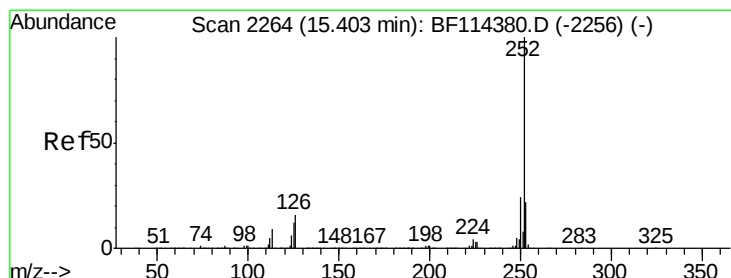
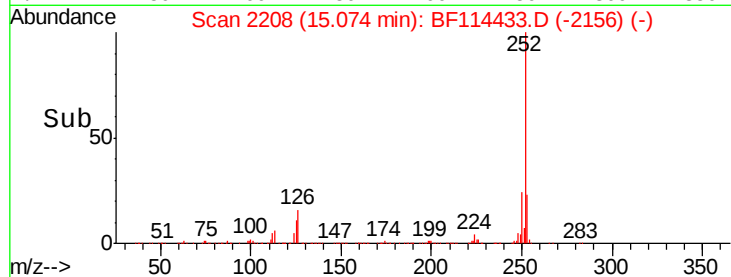
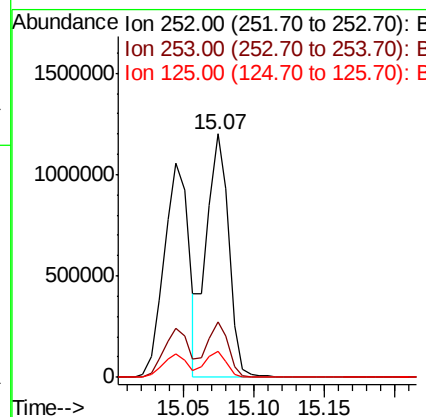
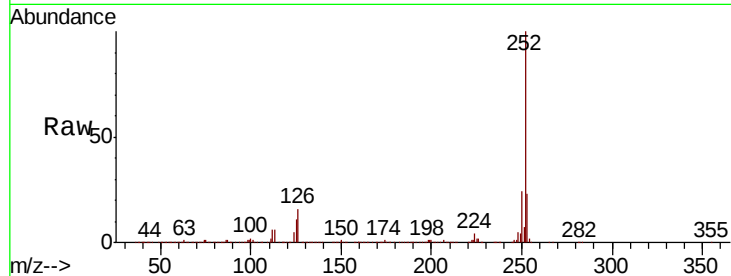




#89
Benzo(k)fluoranthene
Concen: 44.663 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

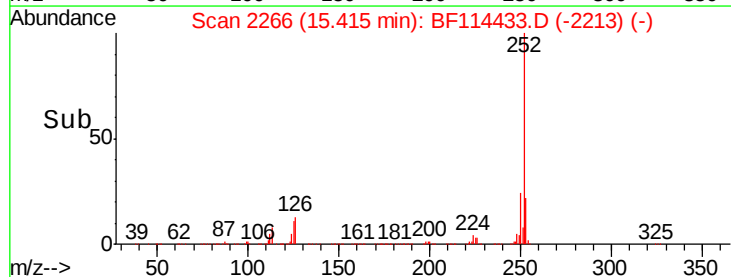
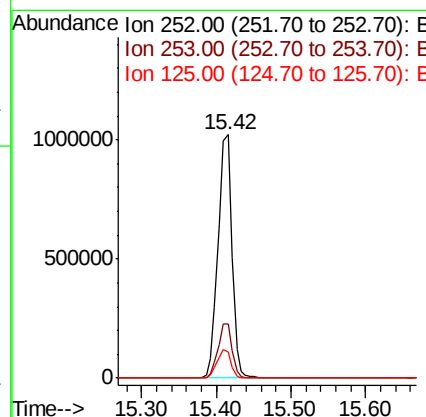
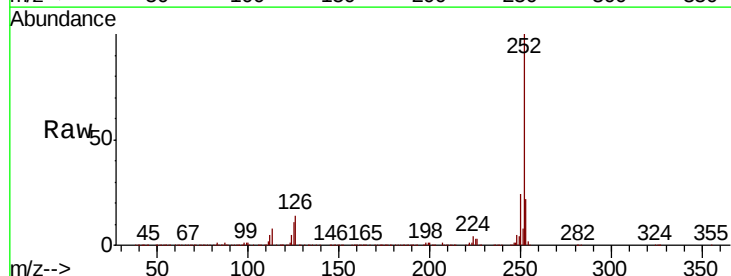
Instrument :
BNA_F
ClientSampleId :
GIS-5MS

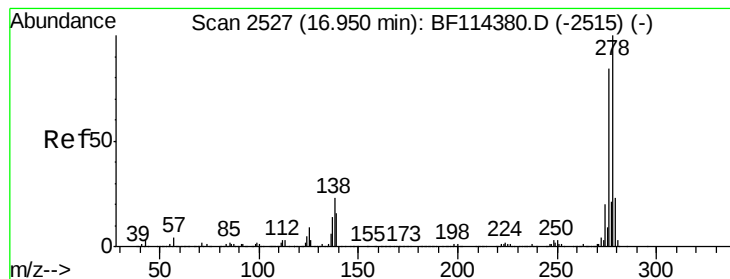
Tot Ion:252 Resp: 1310339
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.408 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114433.D
Acq: 20 May 2019 12:46

Tgt Ion:252 Resp: 1332552
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 51.238 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

Instrument :

BNA_F

ClientSampleId :

GIS-5MS

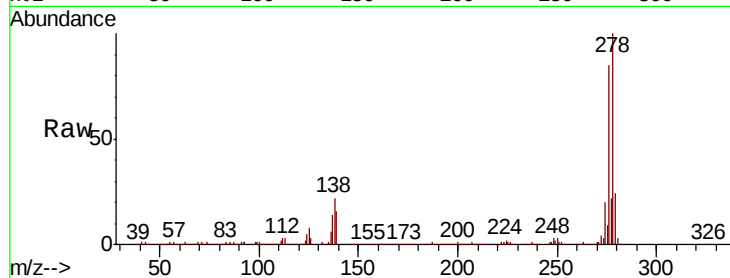
Tot Ion:278 Resp: 1196744

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

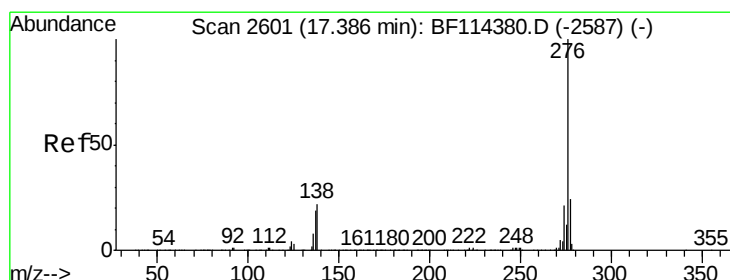
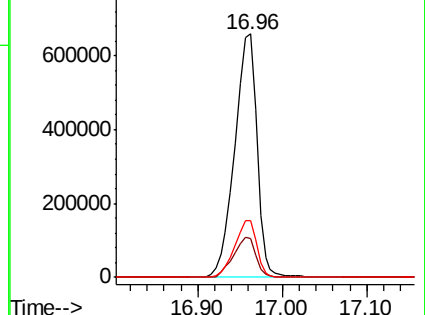
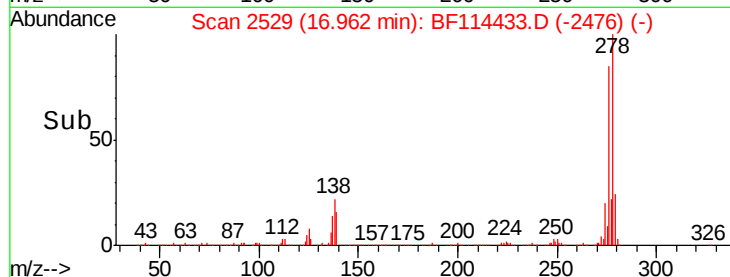
279 23.5 19.0 28.6



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: 49.970 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF114433.D

Acq: 20 May 2019 12:46

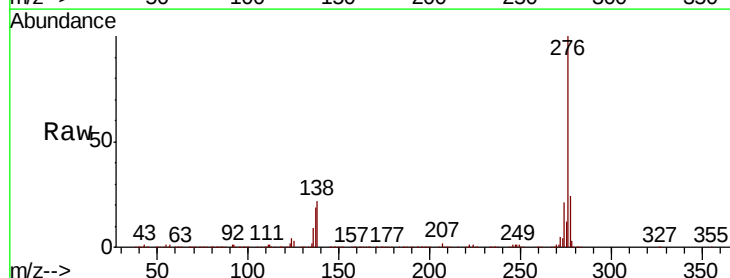
Tgt Ion:276 Resp: 1169632

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.9 17.8 26.6



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

