

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114436.D
 Acq On : 20 May 2019 14:05
 Operator : JU/SJ
 Sample : K2905-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 21 11:16:18 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	186082	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	700850	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310577	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	533239	20.00	ng	0.00
76) Chrysene-d12	14.00	240	380687	20.00	ng	0.00
87) Perylene-d12	15.49	264	506004	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1140777	98.66	ng	0.00
7) Phenol-d6	6.48	99	1469012	107.41	ng	0.00
23) Nitrobenzene-d5	7.39	82	889554	71.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	295569	92.05	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1433046	69.80	ng	0.00
79) Terphenyl-d14	12.93	244	1135122	61.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	172122	27.081	ng	97
3) Pyridine	3.40	79	137269	7.839	ng	99
4) n-Nitrosodimethylamine	3.30	42	257638	30.509	ng	99
6) Aniline	6.49	93	409324	20.720	ng	# 16
8) 2-Chlorophenol	6.62	128	456290	36.963	ng	96
9) Benzaldehyde	6.38	77	342633	35.787	ng	99
10) Phenol	6.49	94	585237	36.377	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	440886	36.097	ng	99
12) 1,3-Dichlorobenzene	6.77	146	470491	33.954	ng	98
13) 1,4-Dichlorobenzene	6.85	146	479635	34.350	ng	98
14) 1,2-Dichlorobenzene	7.00	146	449967	35.273	ng	98
15) Benzyl Alcohol	6.97	79	378570	35.491	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	783037	33.064	ng	83
17) 2-Methylphenol	7.09	107	356104	35.118	ng	96
18) Hexachloroethane	7.34	117	171237	32.671	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	298422	34.426	ng	98
20) 3+4-Methylphenols	7.25	107	454902	38.828	ng	# 76
22) Acetophenone	7.24	105	601927	38.769	ng	# 91
24) Nitrobenzene	7.41	77	481329	37.842	ng	98
25) Isophorone	7.65	82	834664	36.037	ng	100
26) 2-Nitrophenol	7.73	139	244744	39.660	ng	97
27) 2,4-Dimethylphenol	7.77	122	371849	38.366	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	534133	35.543	ng	98
29) 2,4-Dichlorophenol	7.98	162	355729	36.859	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	383336	34.930	ng	98
31) Naphthalene	8.13	128	1232830	37.658	ng	99
32) Benzoic acid	7.90	122	163737	27.248	ng	98
33) 4-Chloroaniline	8.19	127	434111	29.099	ng	99
34) Hexachlorobutadiene	8.25	225	207486	33.228	ng	99
35) Caprolactam	8.55	113	117155	37.228	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	376964	38.804	ng	98
37) 2-Methylnaphthalene	8.83	142	798840	37.820	ng	97
38) 1-Methylnaphthalene	8.92	142	754481	37.930	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	362284	38.508	ng	99

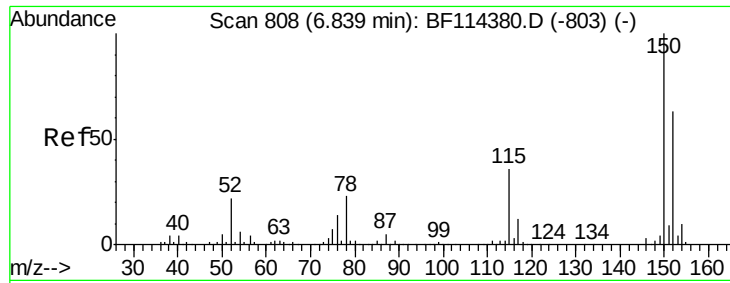
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	106057	27.213	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	232966	36.001	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	244299	36.812	ng	97
46) 1,1'-Biphenyl	9.29	154	943498	37.604	ng	99
47) 2-Chloronaphthalene	9.32	162	726283	35.968	ng	97
48) 2-Nitroaniline	9.42	65	254558	35.547	ng	92
49) Acenaphthylene	9.73	152	1145150	37.287	ng	99
50) Dimethylphthalate	9.59	163	1046545	45.903	ng	100
51) 2,6-Dinitrotoluene	9.65	165	186937	36.967	ng	99
52) Acenaphthene	9.90	154	656459	34.833	ng	100
53) 3-Nitroaniline	9.82	138	181660	28.939	ng	98
54) 2,4-Dinitrophenol	9.95	184	109466	46.165	ng	95
55) Dibenzofuran	10.07	168	976153	35.323	ng	96
56) 4-Nitrophenol	10.00	139	235437	53.035	ng	93
57) 2,4-Dinitrotoluene	10.06	165	230306	33.554	ng	# 88
58) Fluorene	10.42	166	764330	35.808	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189761	33.139	ng	100
60) Diethylphthalate	10.28	149	784150	33.850	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	368605	35.159	ng	97
62) 4-Nitroaniline	10.44	138	202824	30.748	ng	98
63) Azobenzene	10.56	77	753855	33.620	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	84972	33.163	ng	97
66) n-Nitrosodiphenylamine	10.52	169	646465	39.945	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	216371	36.853	ng	99
68) Hexachlorobenzene	10.97	284	229667	35.360	ng	97
69) Atrazine	11.05	200	186886	37.107	ng	99
70) Pentachlorophenol	11.17	266	170209	55.282	ng	98
71) Phenanthrene	11.37	178	979937	37.773	ng	98
72) Anthracene	11.43	178	1019432	39.123	ng	98
73) Carbazole	11.59	167	946445	38.089	ng	97
74) Di-n-butylphthalate	11.90	149	1058387	36.972	ng	100
75) Fluoranthene	12.57	202	942183	33.725	ng	97
77) Benzidine	12.69	184	18695	1.094	ng	99
78) Pyrene	12.80	202	963817	31.472	ng	98
80) Butylbenzylphthalate	13.40	149	397535	30.840	ng	98
81) Benzo(a)anthracene	13.99	228	895429	36.366	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	281220	29.442	ng	99
83) Chrysene	14.03	228	889527	36.853	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	539263	31.987	ng	99
85) Di-n-octyl phthalate	14.59	149	999439	36.571	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1133245	53.124	ng	99
88) Benzo(b)fluoranthene	15.06	252	1132862	34.946	ng	99
89) Benzo(k)fluoranthene	15.09	252	947664	31.824	ng	99
90) Benzo(a)pyrene	15.43	252	1061387	37.202	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	956153	40.332	ng	98
92) Benzo(g,h,i)perylene	17.41	276	929902	39.140	ng	99

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

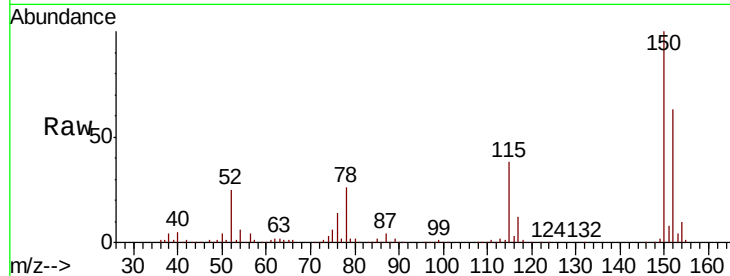


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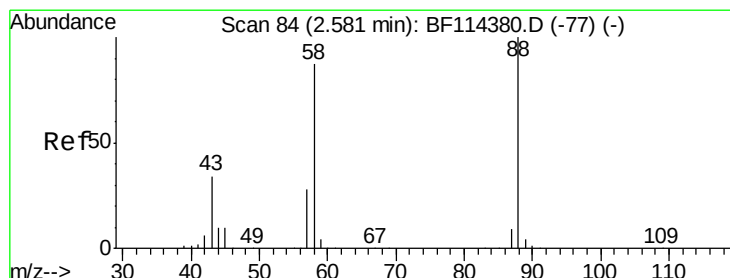
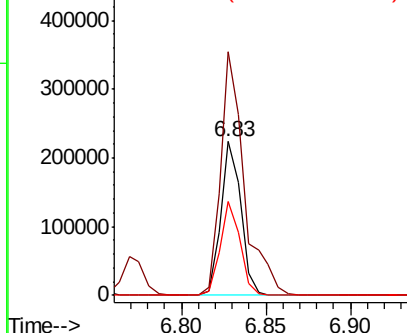
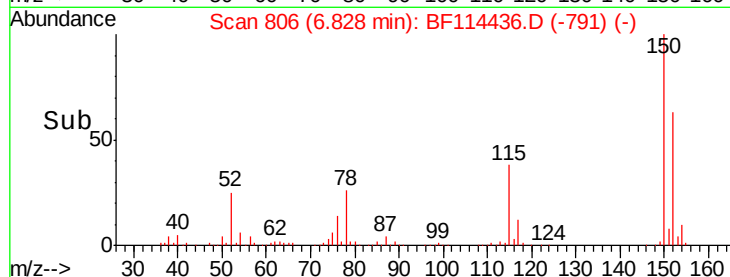
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 186082
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 60.8 49.1 73.7



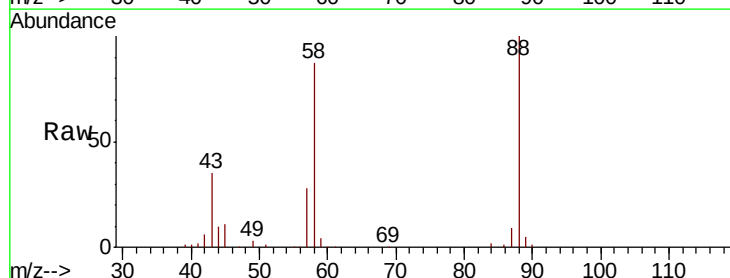
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



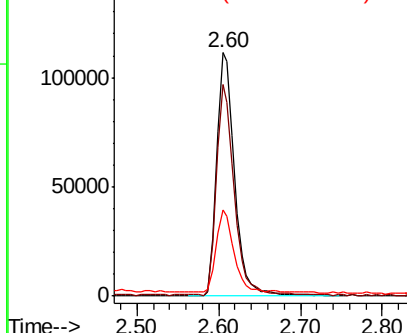
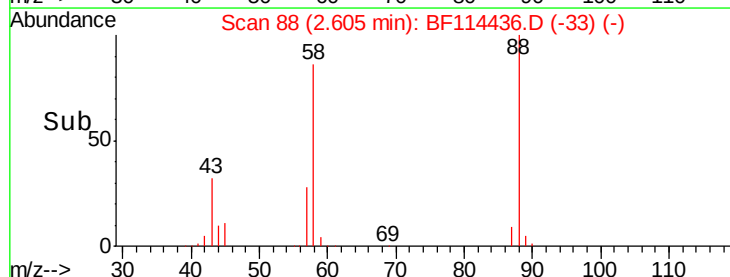
#2

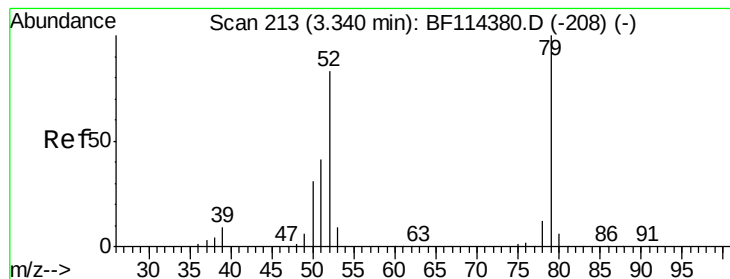
1,4-Dioxane
Concen: 27.081 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion: 88 Resp: 172122
Ion Ratio Lower Upper
88 100
58 84.4 68.7 103.1
43 32.2 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: 7.839 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

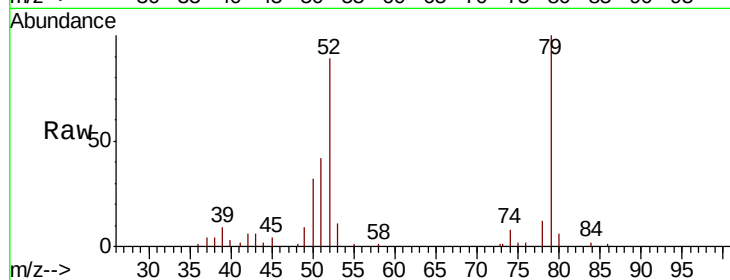
Tot Ion: 79 Resp: 137269

Ion Ratio Lower Upper

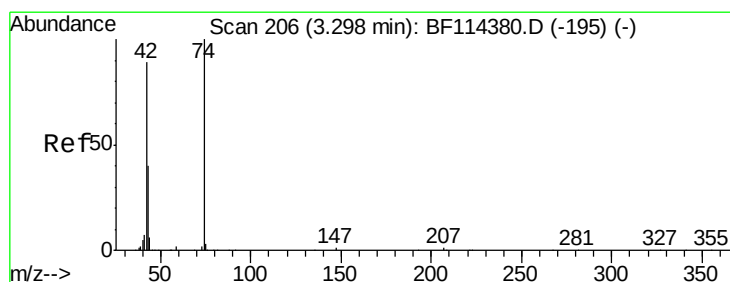
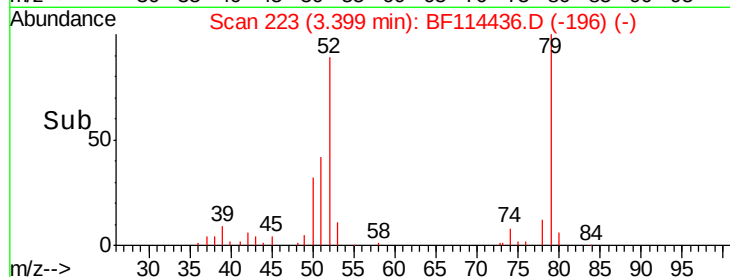
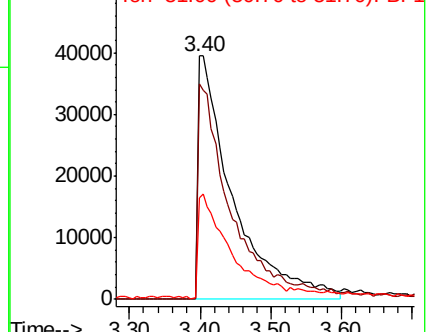
79 100

52 88.8 70.6 105.8

51 41.7 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: 30.509 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

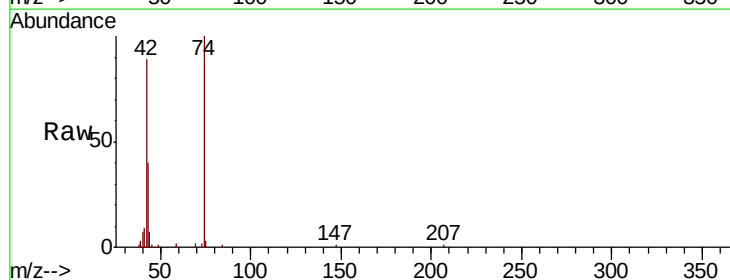
Tgt Ion: 42 Resp: 257638

Ion Ratio Lower Upper

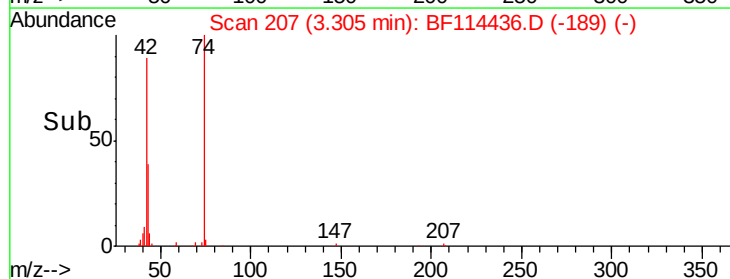
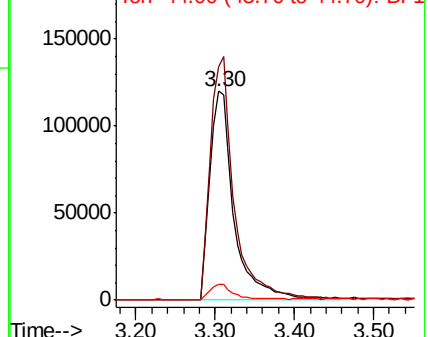
42 100

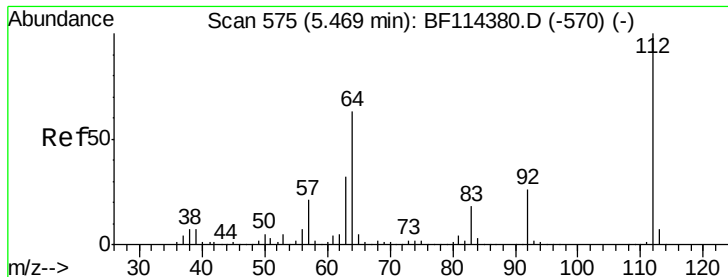
74 111.9 88.6 132.8

44 7.6 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: 98.656 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

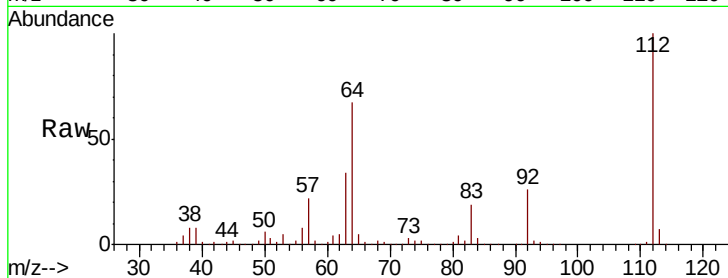
Tot Ion: 112 Resp: 1140777

Ion Ratio Lower Upper

112 100

64 67.1 49.0 73.6

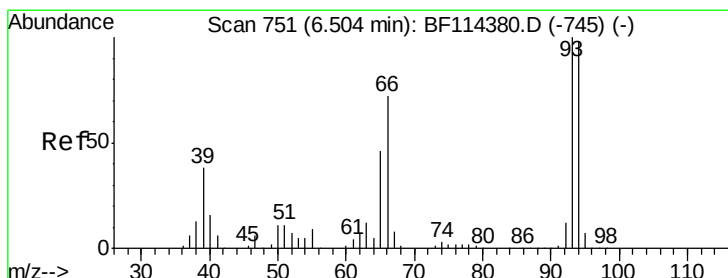
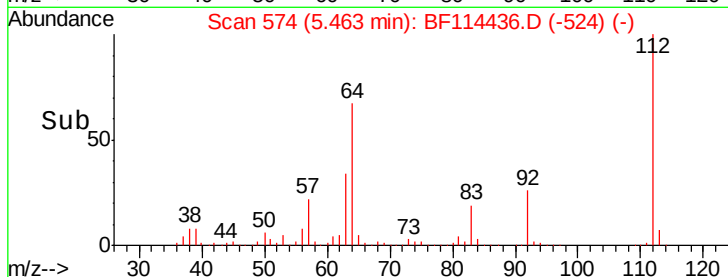
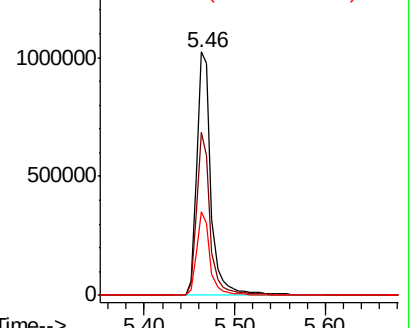
63 34.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.720 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

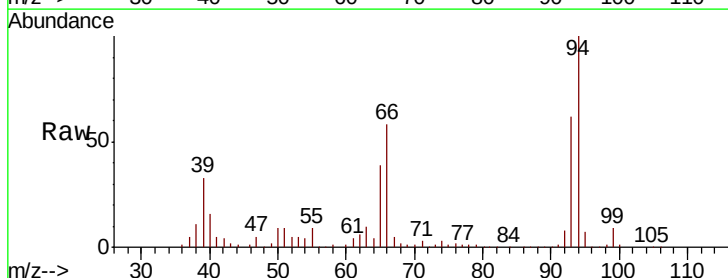
Tgt Ion: 93 Resp: 409324

Ion Ratio Lower Upper

93 100

66 93.9 33.2 49.8#

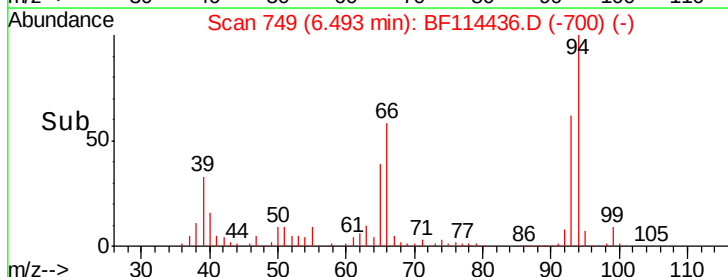
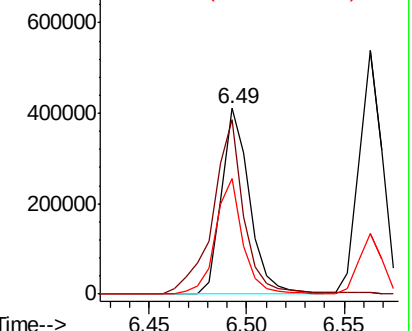
65 62.4 17.6 26.4#

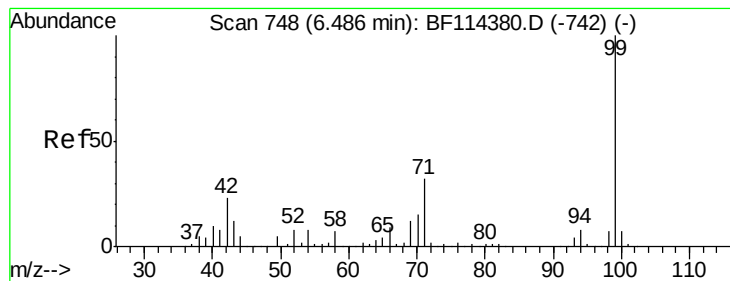


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.414 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

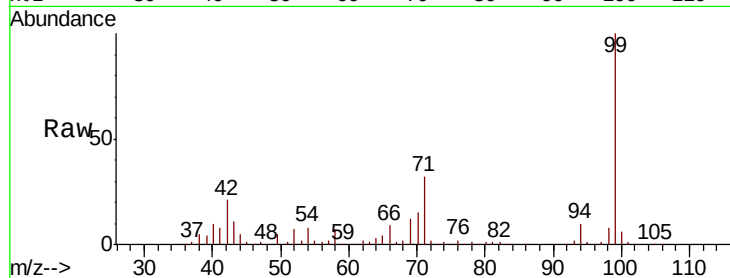
Tot Ion: 99 Resp: 1469012

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

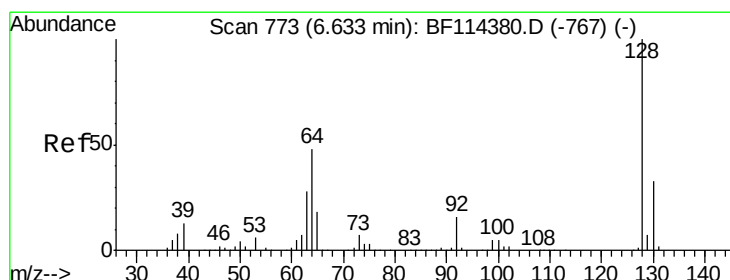
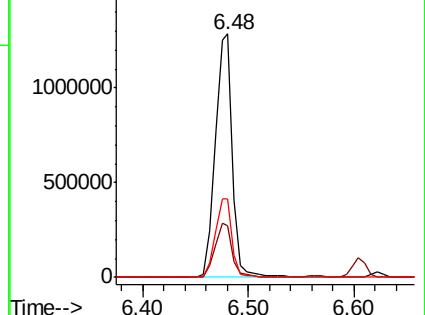
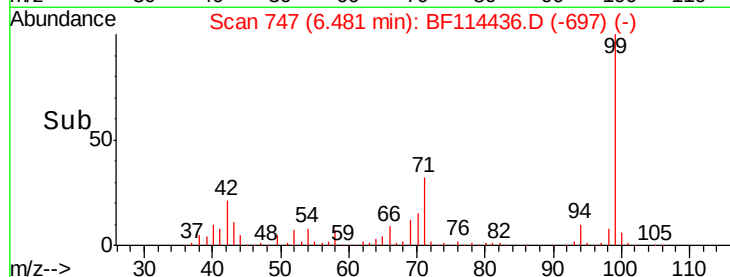
71 32.3 26.2 39.2



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: 36.963 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

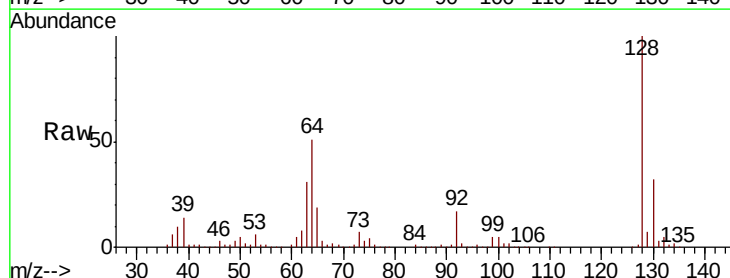
Tgt Ion: 128 Resp: 456290

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

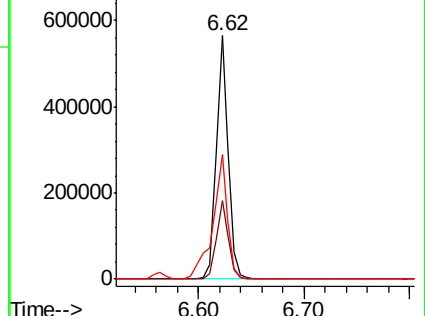
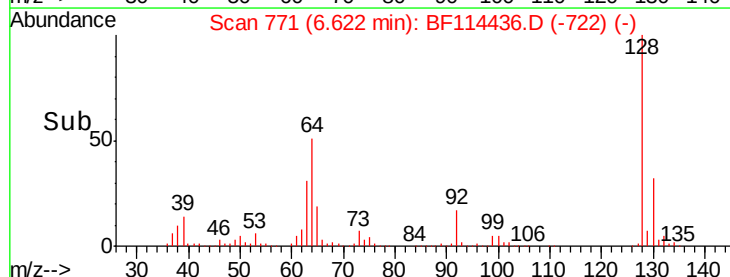
64 51.0 35.9 75.9

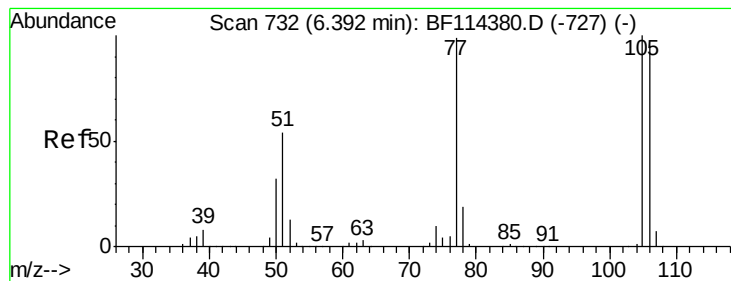


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.787 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

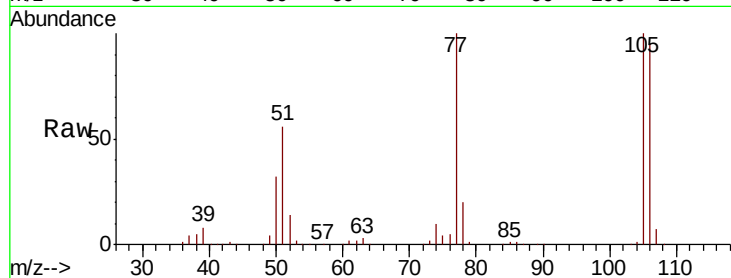
Tot Ion: 77 Resp: 342633

Ion Ratio Lower Upper

77 100

105 99.9 79.3 119.3

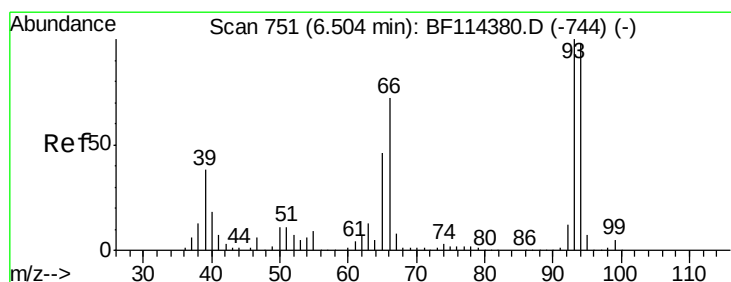
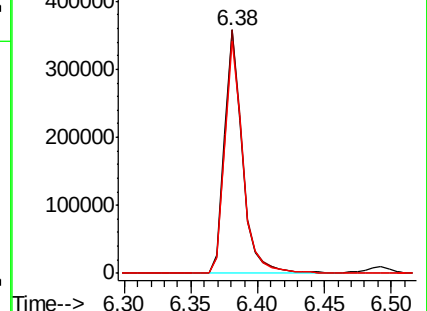
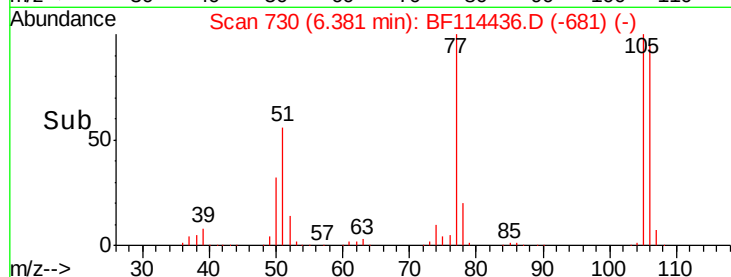
106 95.5 77.0 117.0



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: 36.377 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

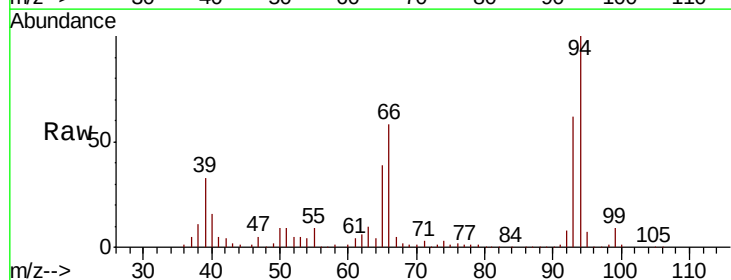
Tgt Ion: 94 Resp: 585237

Ion Ratio Lower Upper

94 100

65 38.8 14.7 54.7

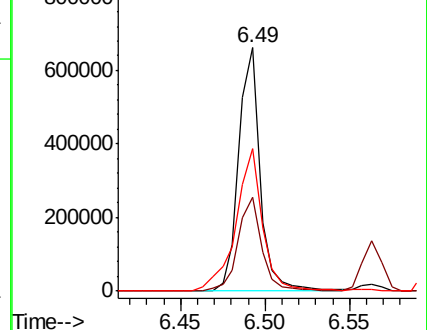
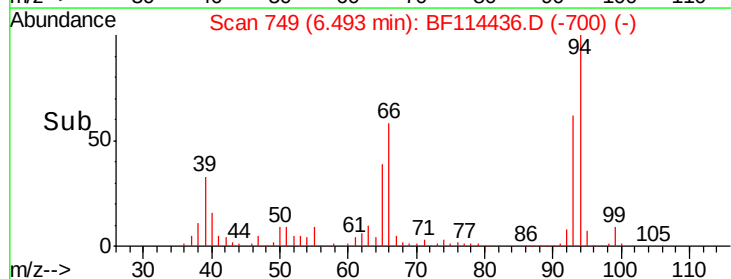
66 58.3 29.6 69.6

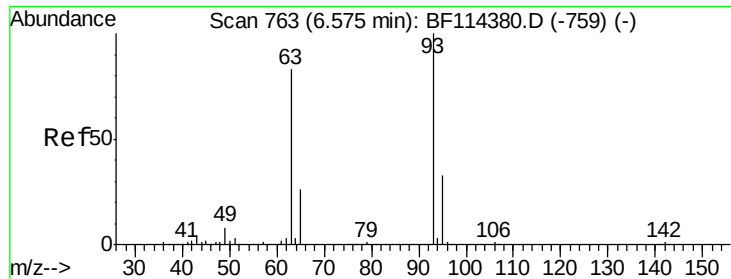


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

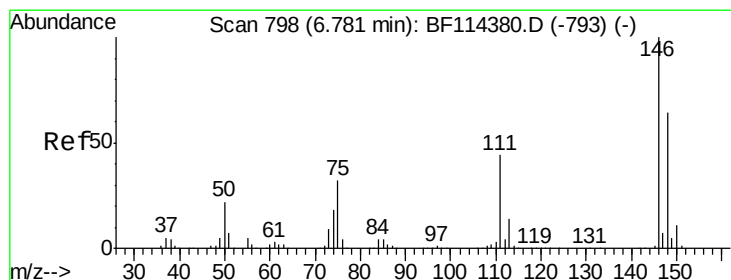
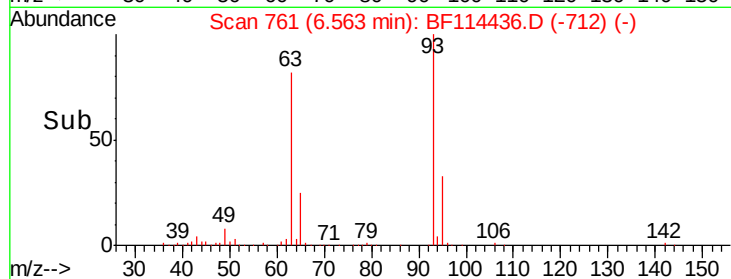
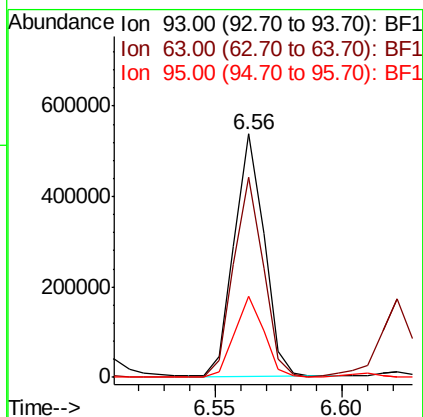
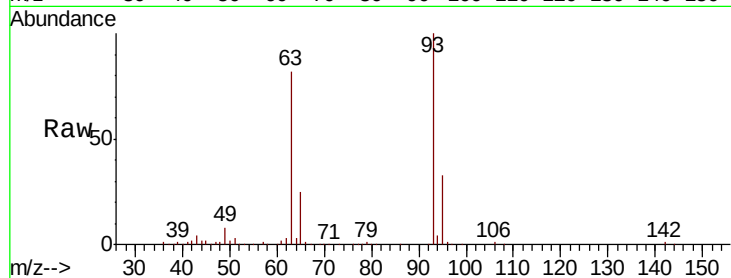




#11
 bis(2-Chloroethyl)ether
 Concen: 36.097 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

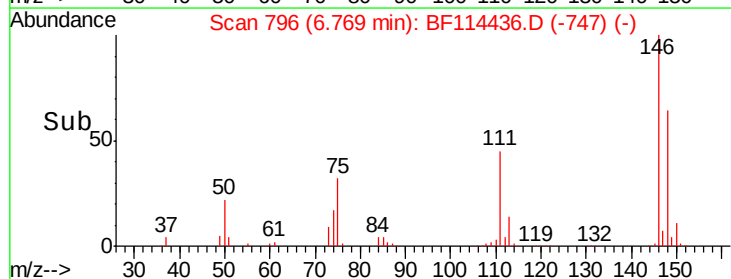
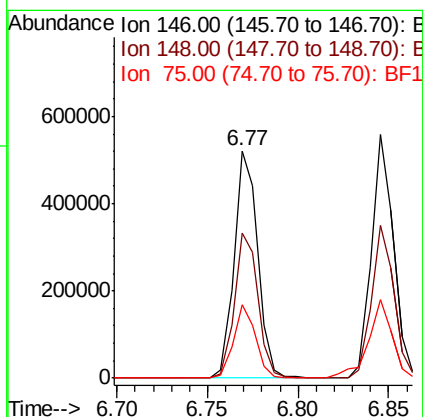
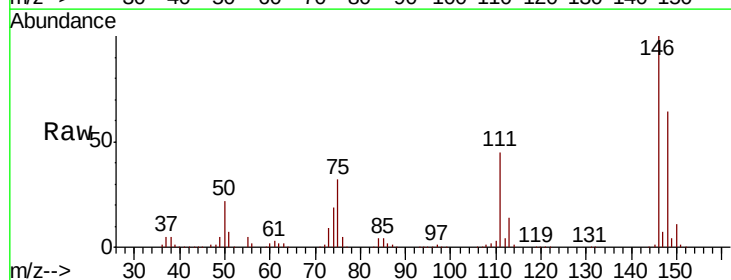
Instrument :
 BNA_F
 ClientSampleId :

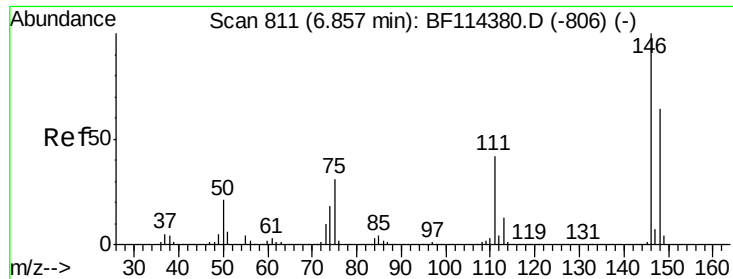
Tot Ion: 93 Resp: 440886
 Ion Ratio Lower Upper
 93 100
 63 82.0 63.6 103.6
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 33.954 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion: 146 Resp: 470491
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 75 32.3 24.2 36.2

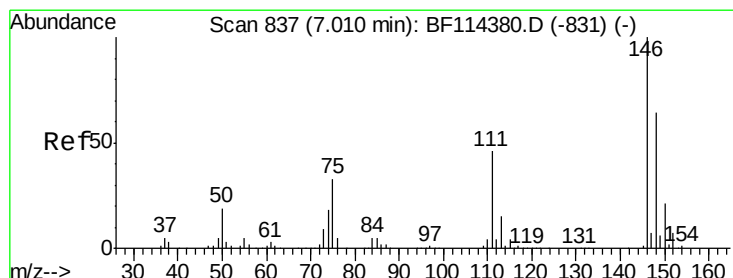
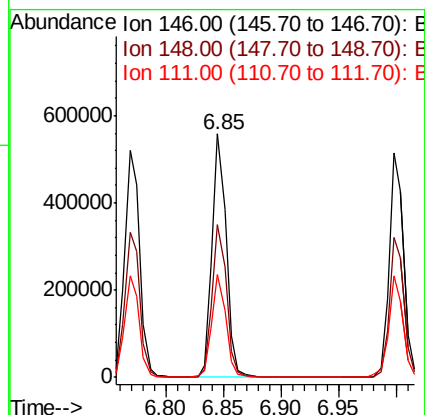
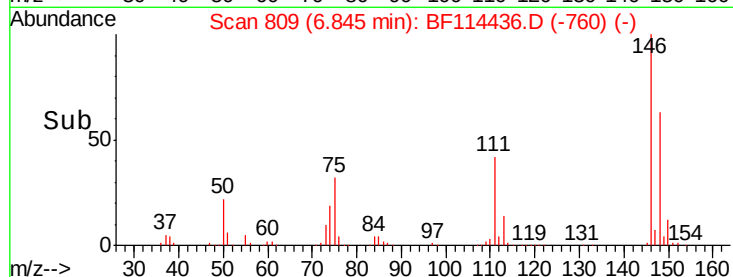
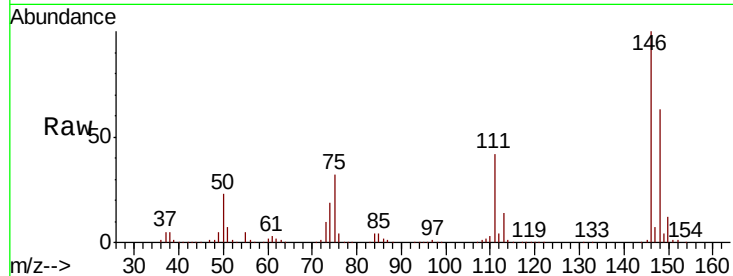




#13
 1,4-Dichlorobenzene
 Concen: 34.350 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

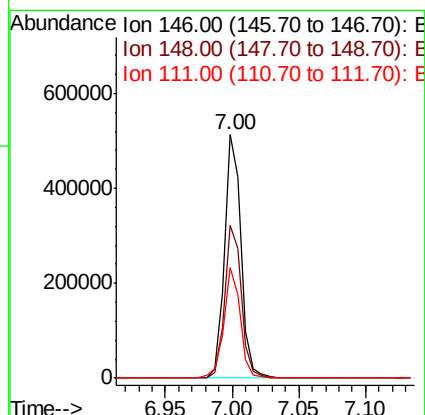
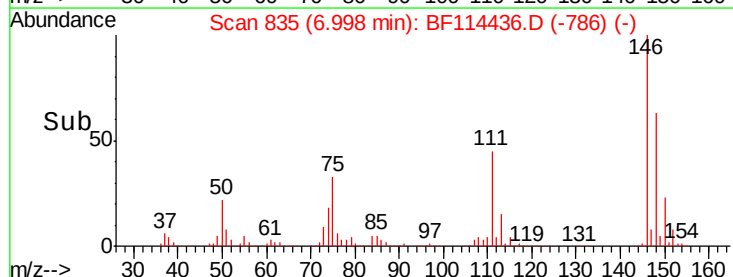
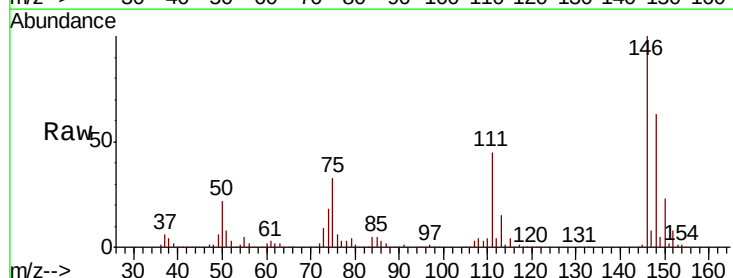
Instrument :
 BNA_F
 ClientSampleId :

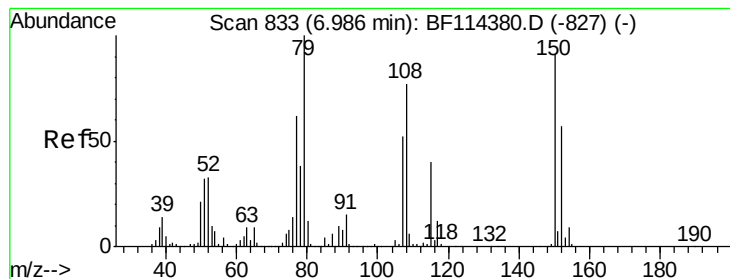
Tot Ion:146 Resp: 479635
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.2
 111 42.3 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 35.273 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion:146 Resp: 449967
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 45.4 35.3 52.9





#15

Benzyl Alcohol

Concen: 35.491 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

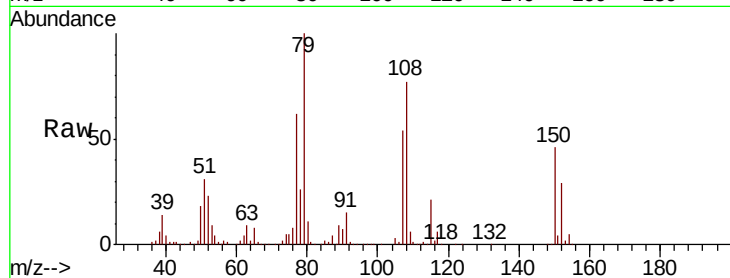
Tot Ion: 79 Resp: 378570

Ion Ratio Lower Upper

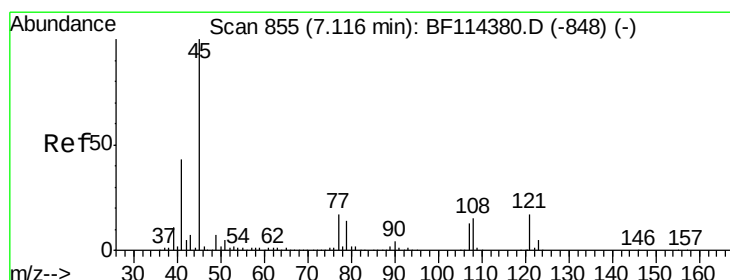
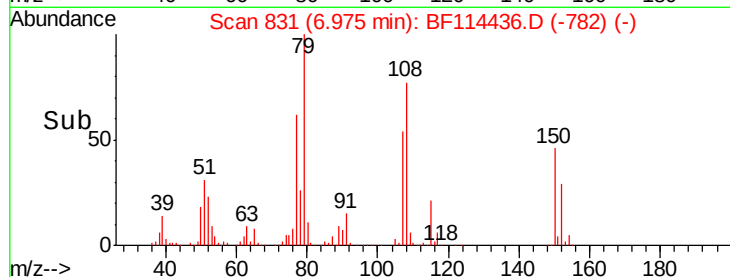
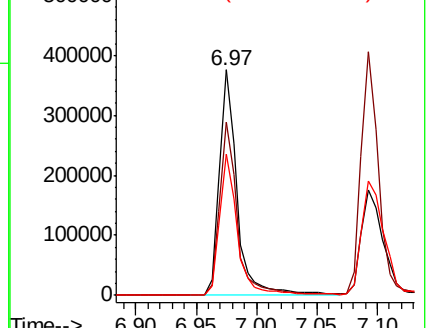
79 100

108 76.6 62.1 93.1

77 62.4 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.064 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

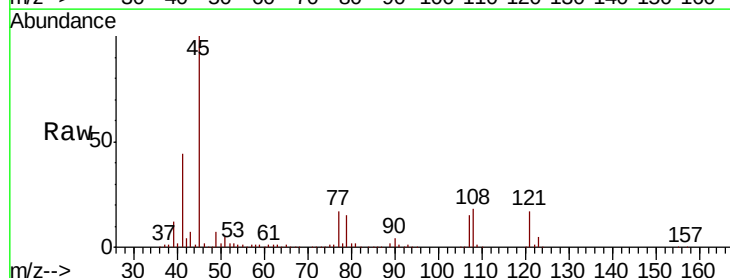
Tgt Ion: 45 Resp: 783037

Ion Ratio Lower Upper

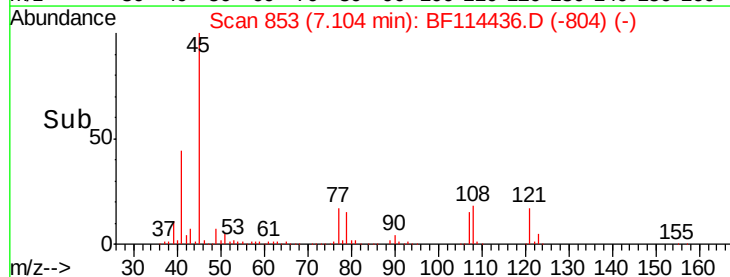
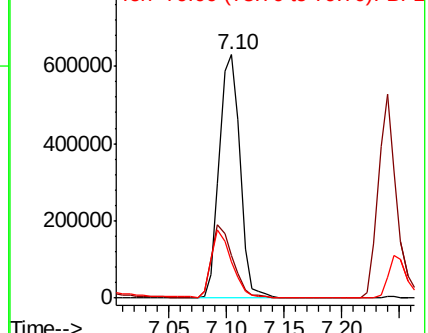
45 100

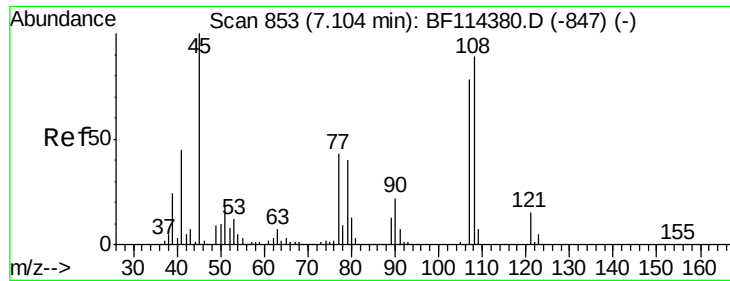
77 17.3 0.0 31.1

79 14.7 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

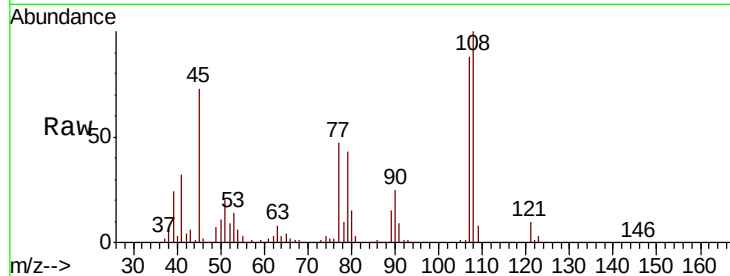




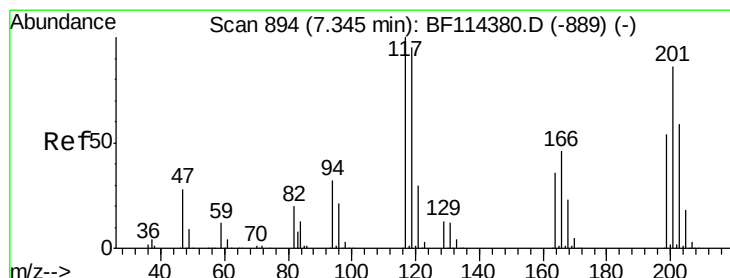
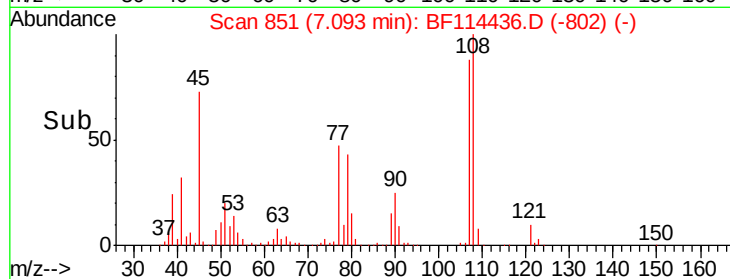
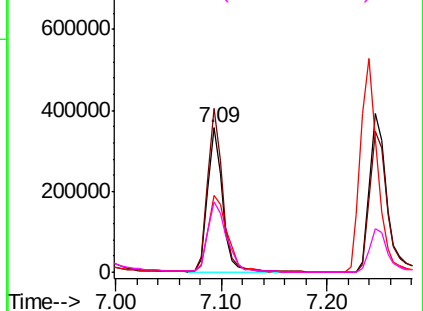
#17
2-Methylphenol
Concen: 35.118 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 356104
Ion Ratio Lower Upper
107 100
108 113.7 90.5 135.7
77 53.3 37.0 55.4
79 49.2 35.8 53.8

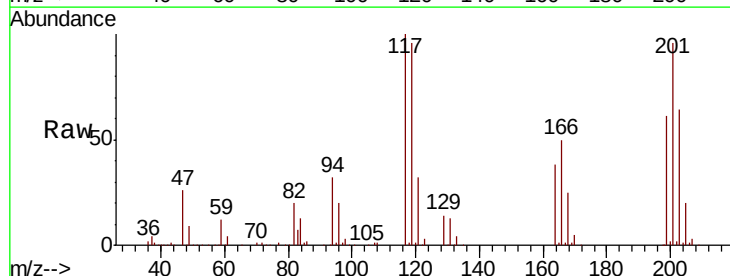


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

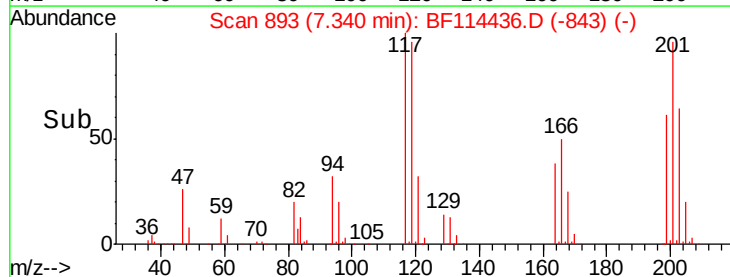
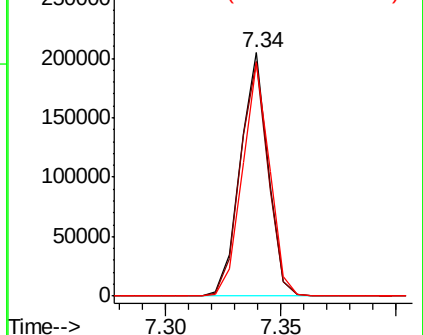


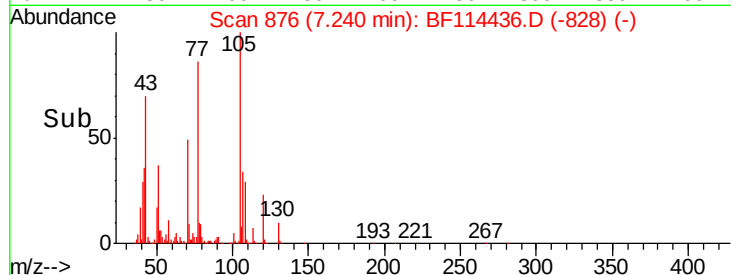
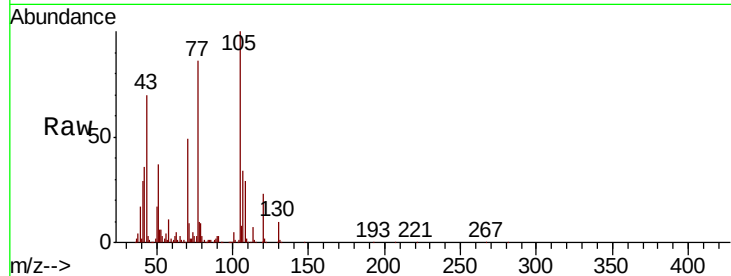
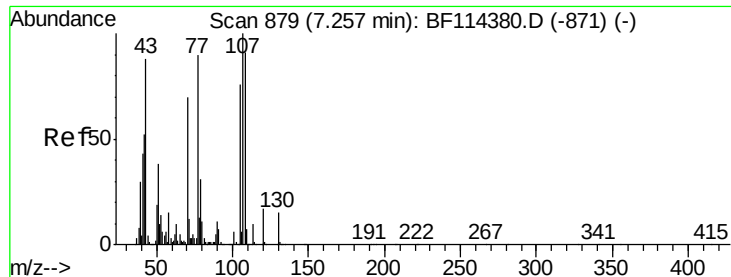
#18
Hexachloroethane
Concen: 32.671 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:117 Resp: 171237
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2
201 95.9 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

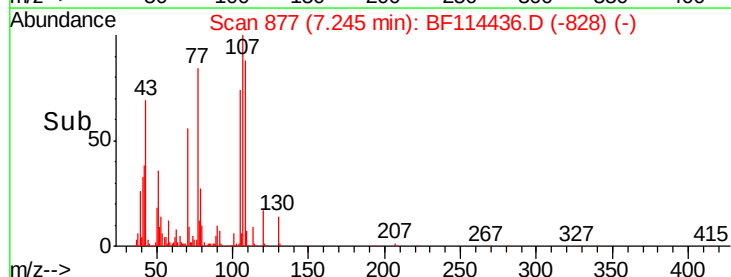
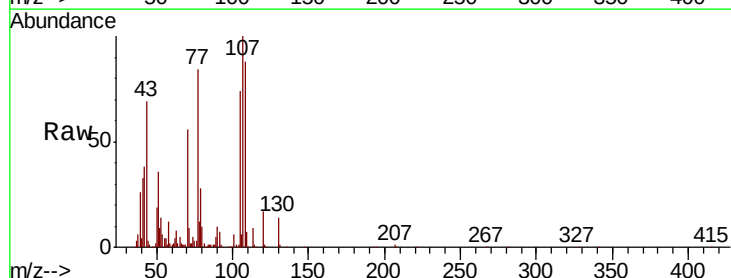
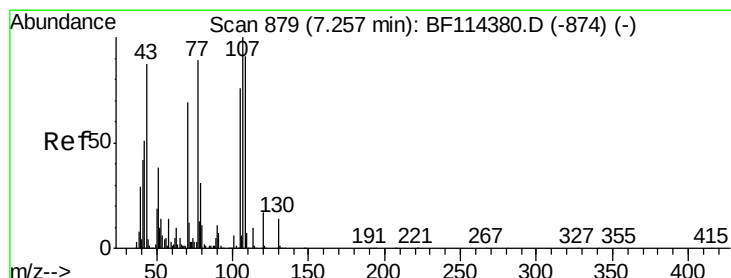
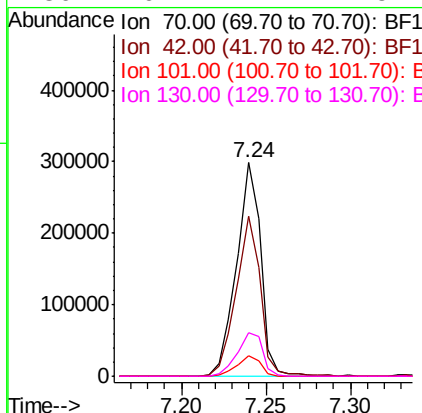




#19
n-Nitroso-di-n-propylamine
Concen: 34.426 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

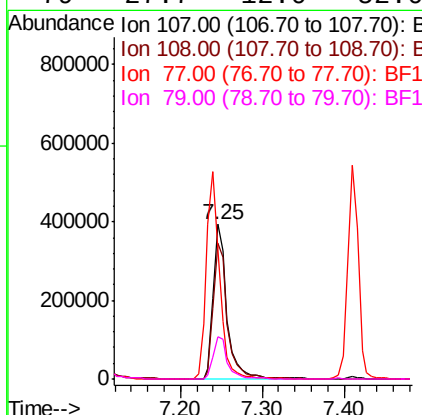
Instrument :
BNA_F
ClientSampleId :

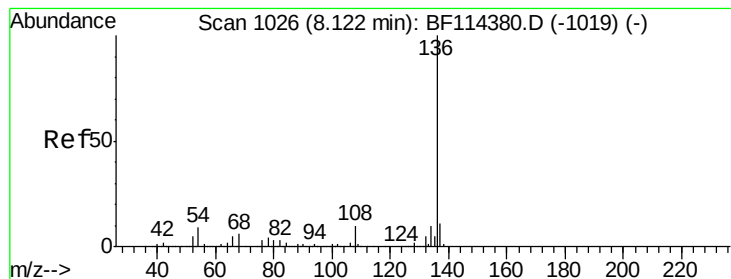
Tot Ion: 70 Resp: 298422
Ion Ratio Lower Upper
70 100
42 75.2 58.6 87.8
101 9.5 7.8 11.8
130 20.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion: 107 Resp: 454902
Ion Ratio Lower Upper
107 100
108 88.1 73.8 113.8
77 83.7 111.5 151.5#
79 27.7 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: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 700850

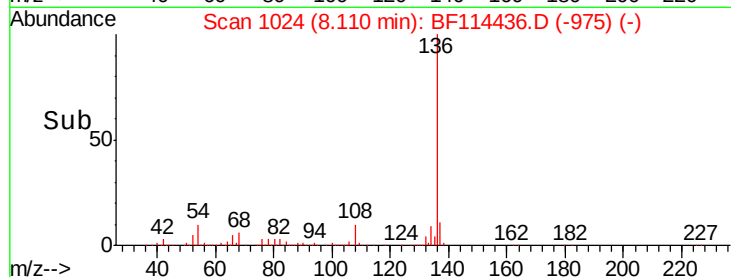
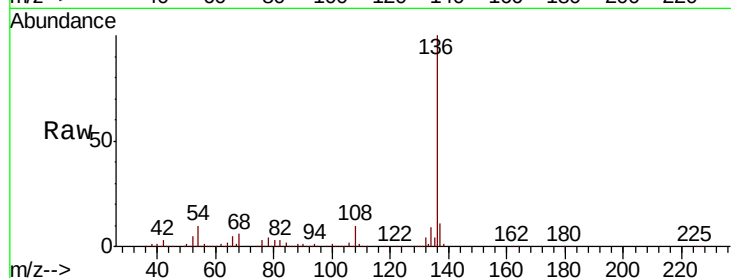
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.6 7.8 11.8

68 5.9 5.1 7.7

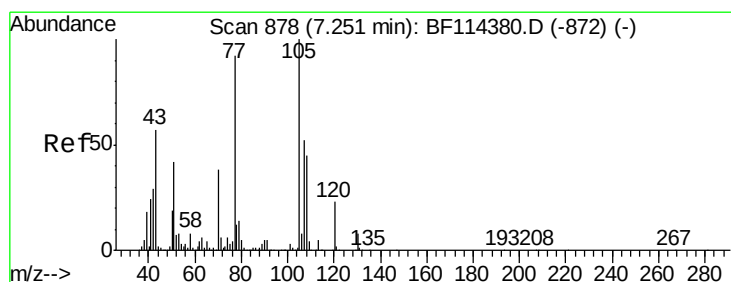
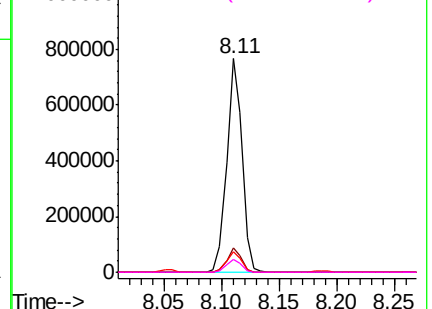


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.769 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Tgt Ion:105 Resp: 601927

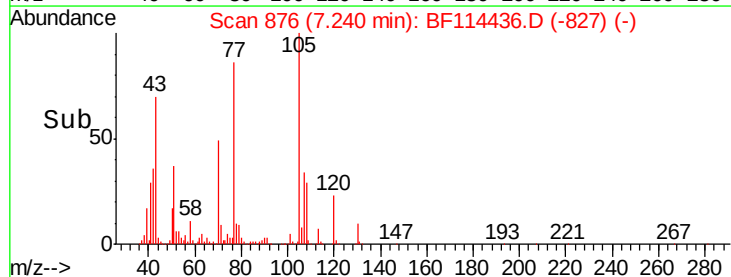
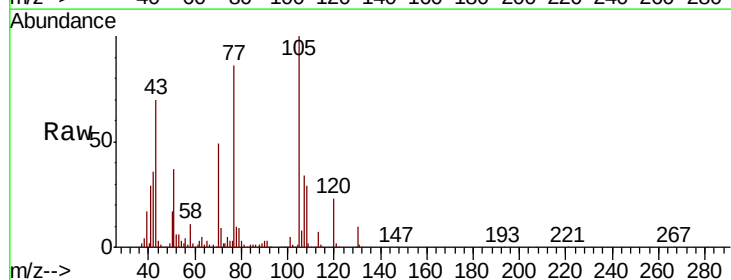
Ion Ratio Lower Upper

105 100

71 8.8 5.3 7.9#

51 36.6 36.2 54.4

120 23.1 18.6 28.0

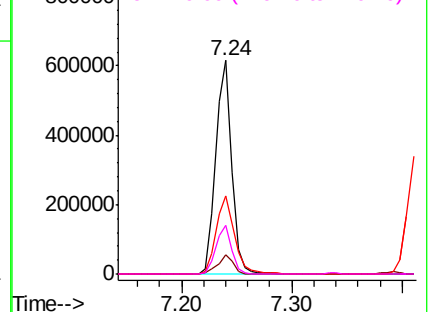


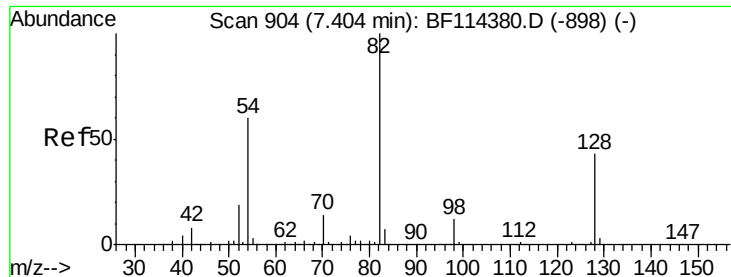
Abundance Ion 105.00 (104.70 to 105.70): E

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

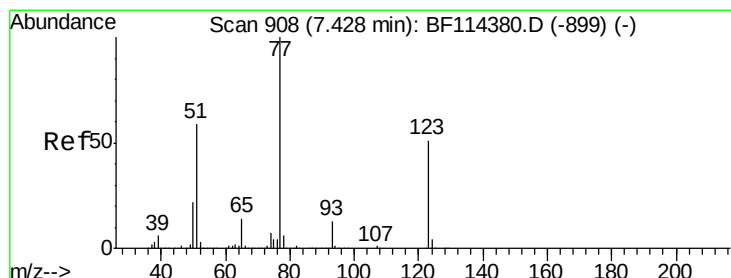
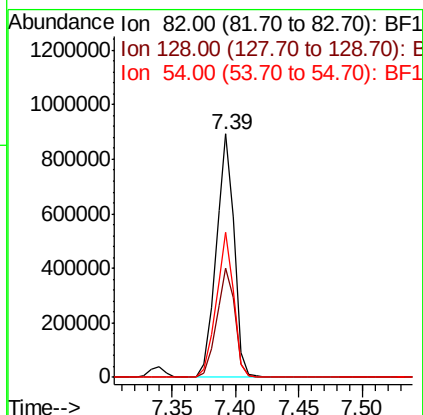
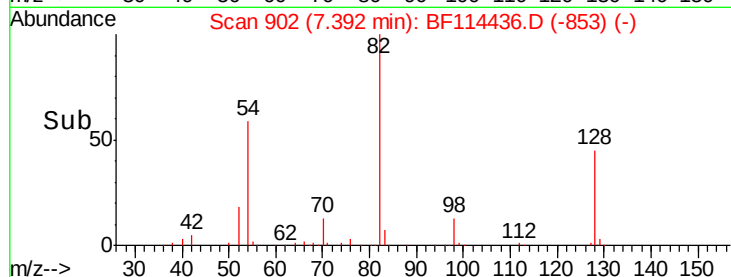
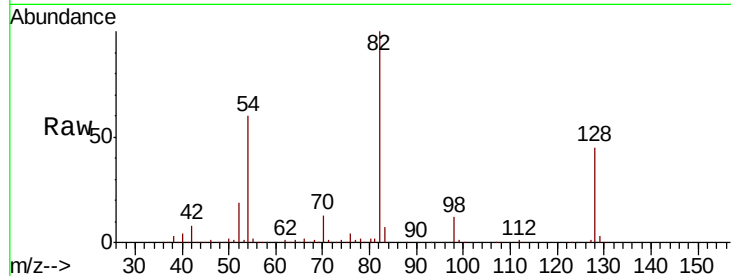




#23
Nitrobenzene-d5
Concen: 71.230 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

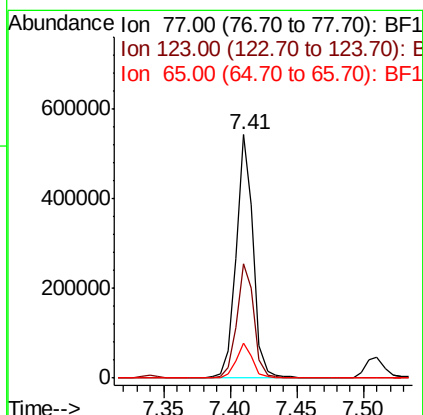
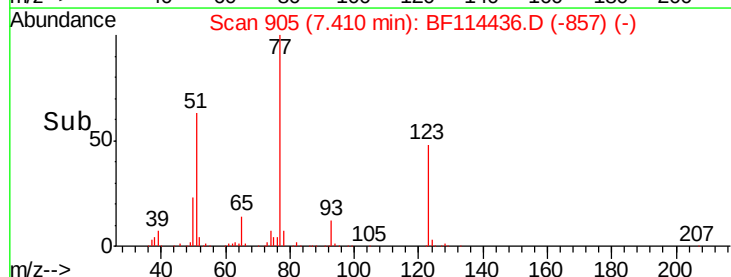
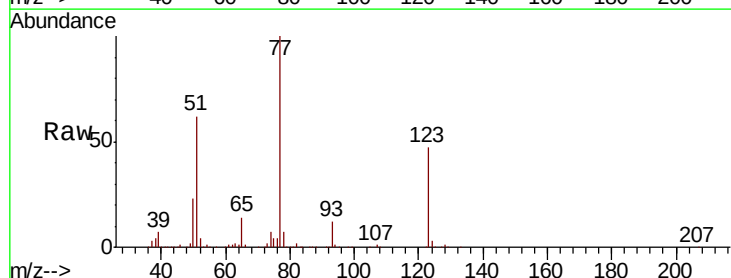
Instrument :
BNA_F
ClientSampled :

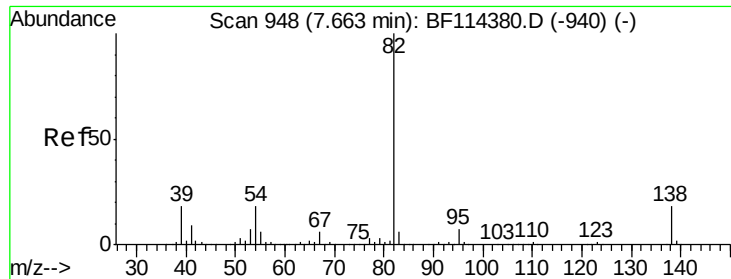
Tot Ion: 82 Resp: 889554
Ion Ratio Lower Upper
82 100
128 44.8 35.5 53.3
54 59.5 48.5 72.7



#24
Nitrobenzene
Concen: 37.842 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion: 77 Resp: 481329
Ion Ratio Lower Upper
77 100
123 47.2 36.9 55.3
65 14.2 11.8 17.6





#25

Isophorone

Concen: 36.037 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

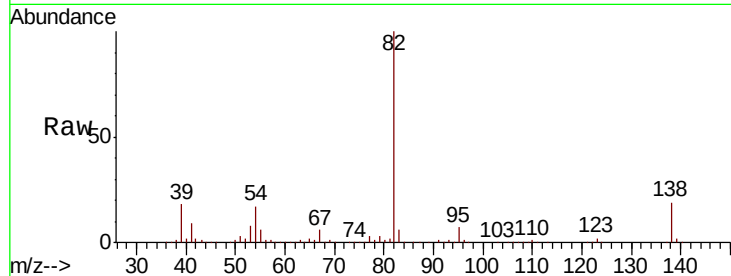
Tot Ion: 82 Resp: 834664

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

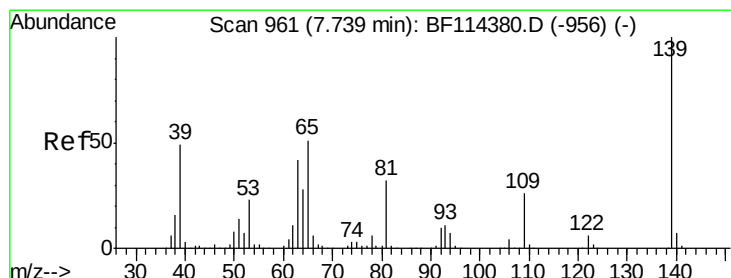
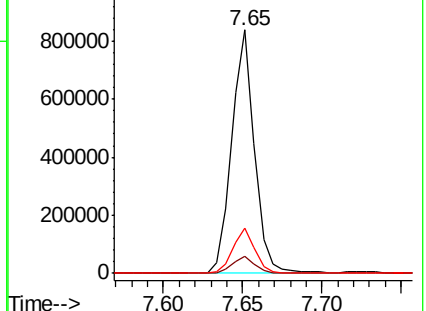
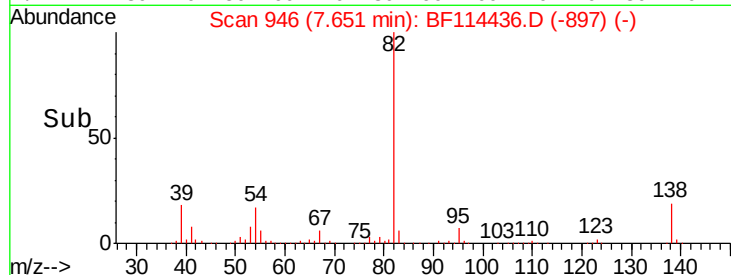
138 18.5 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.660 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

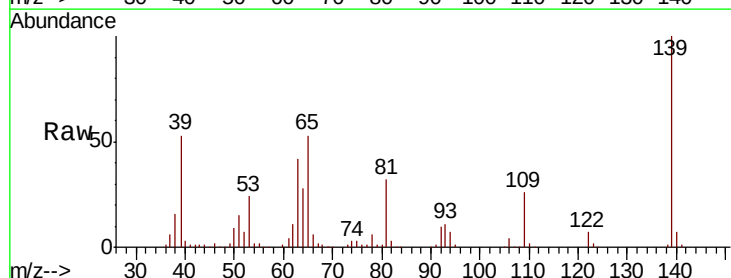
Tgt Ion: 139 Resp: 244744

Ion Ratio Lower Upper

139 100

109 26.5 20.7 31.1

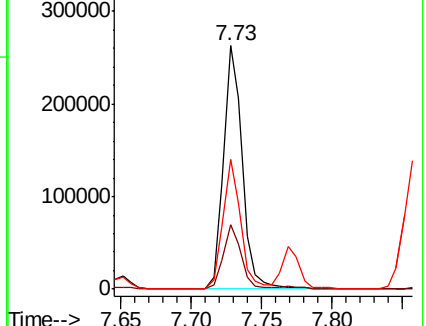
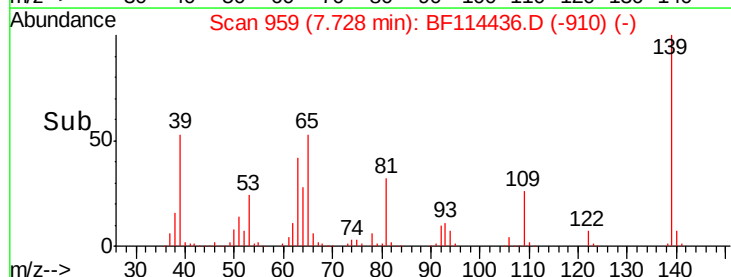
65 53.0 40.2 60.2

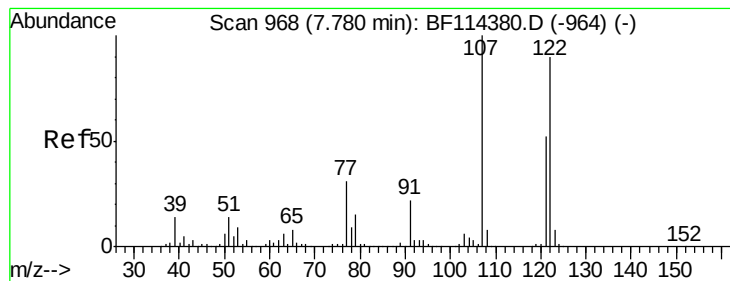


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.366 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

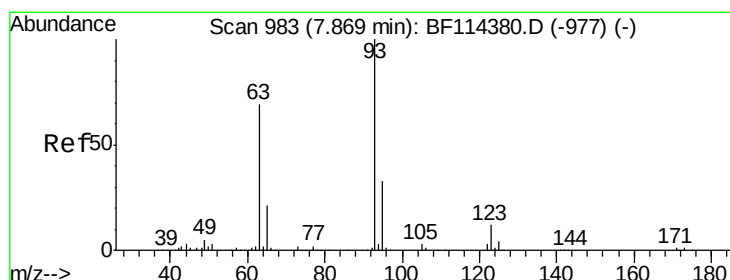
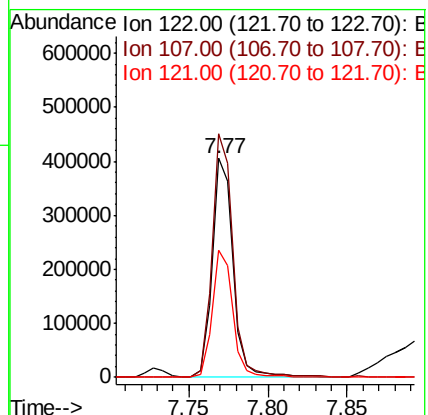
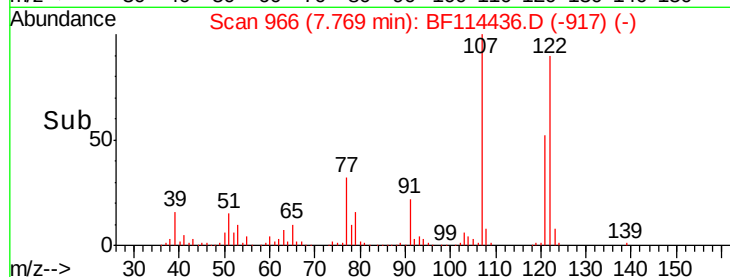
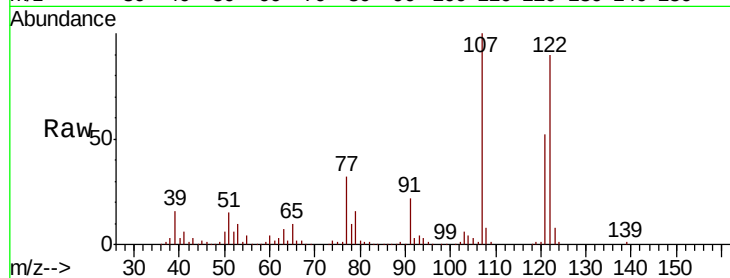
Tot Ion:122 Resp: 371849

Ion Ratio Lower Upper

122 100

107 111.3 88.4 132.6

121 57.8 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 35.543 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

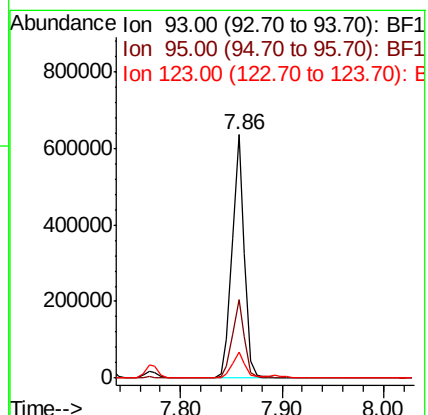
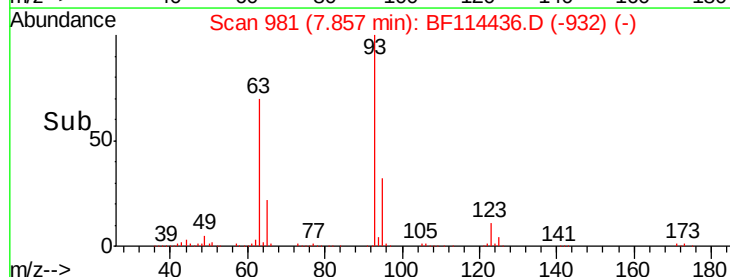
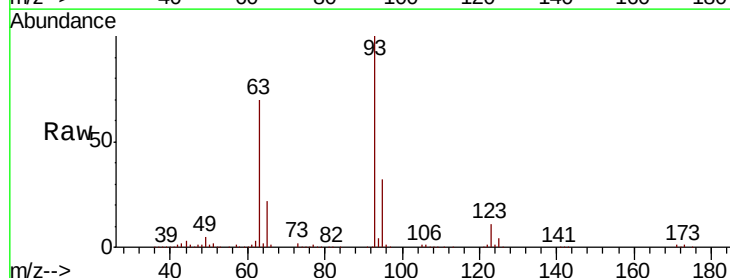
Tgt Ion: 93 Resp: 534133

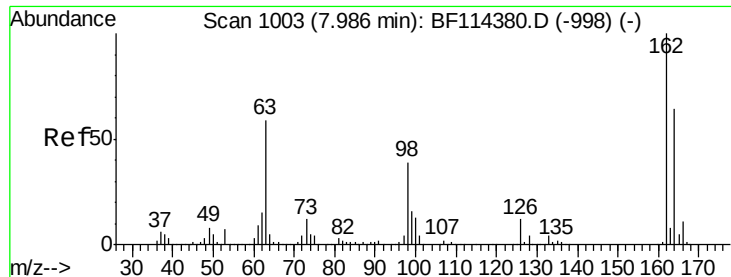
Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

123 10.9 9.5 14.3

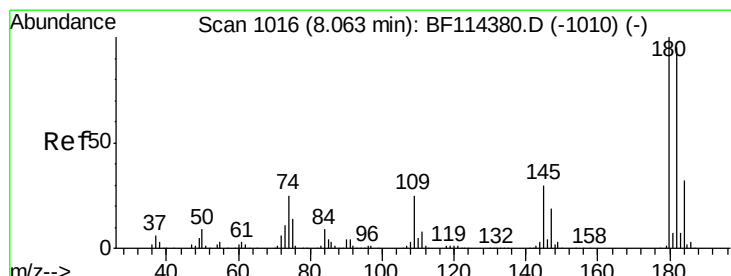
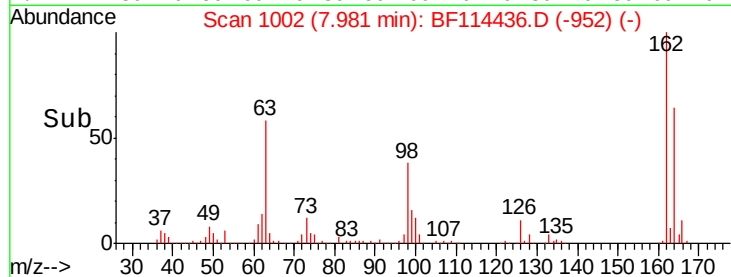
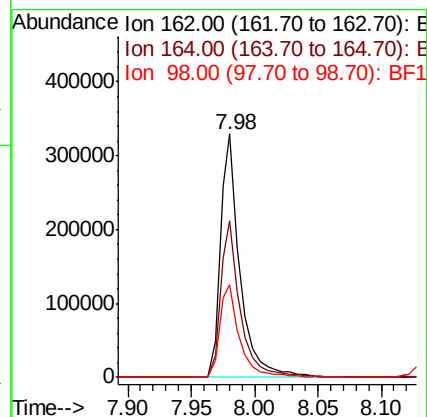
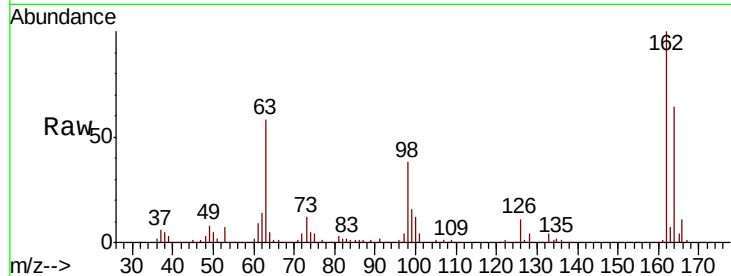




#29
 2,4-Dichlorophenol
 Concen: 36.859 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

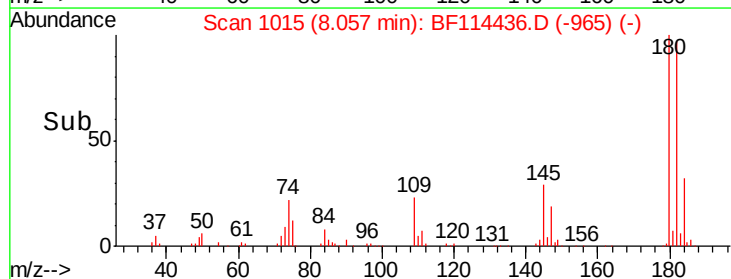
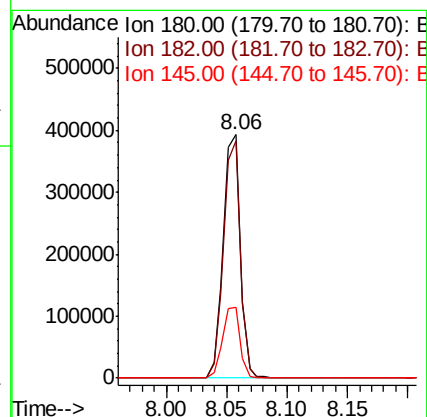
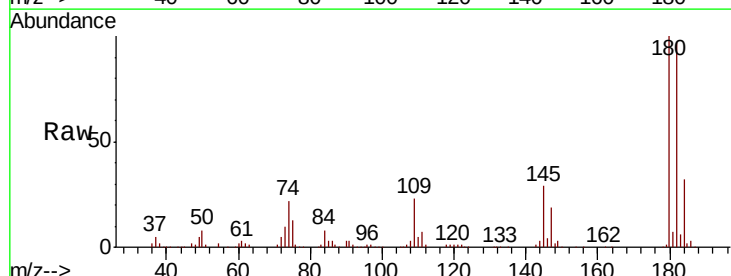
Instrument :
 BNA_F
 ClientSampleId :

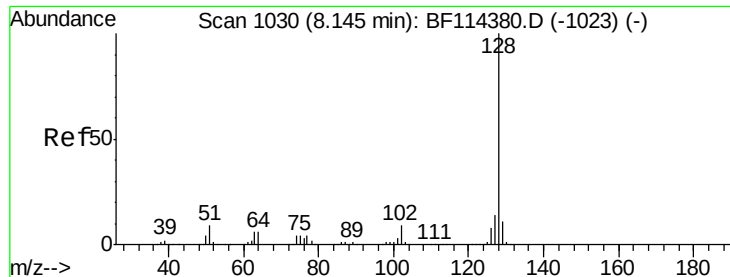
Tot Ion:162 Resp: 355729
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.6 83.6
 98 38.0 20.6 60.6



#30
 1,2,4-Trichlorobenzene
 Concen: 34.930 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion:180 Resp: 383336
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.6 114.8
 145 29.1 25.1 37.7

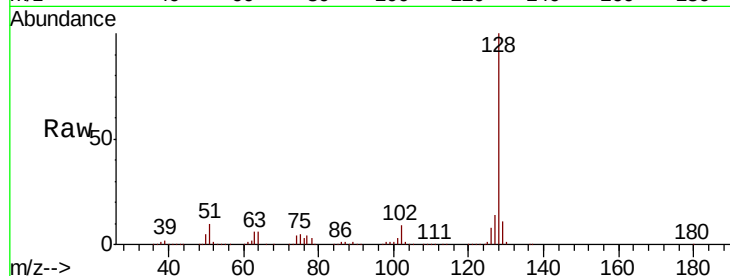




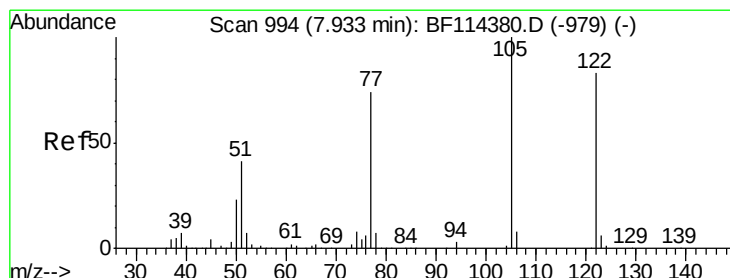
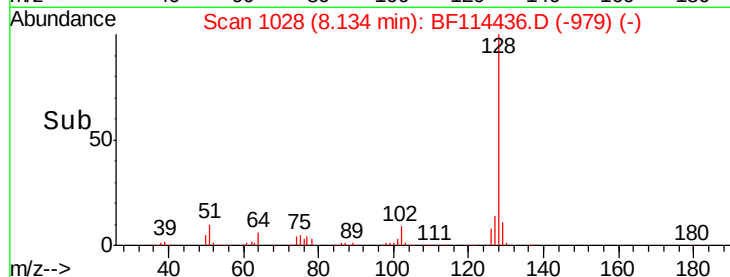
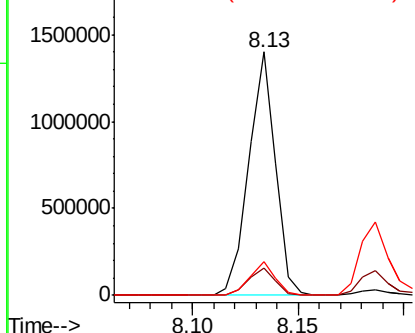
#31
Naphthalene
Concen: 37.658 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1232830
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.3 16.9

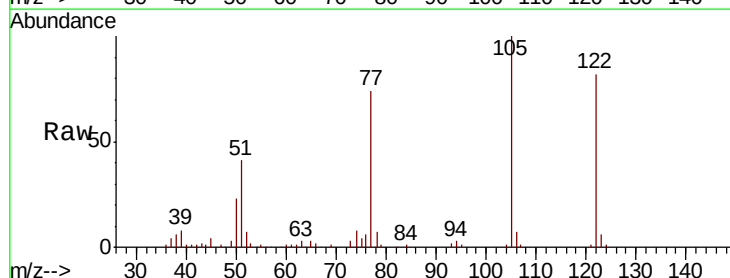


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

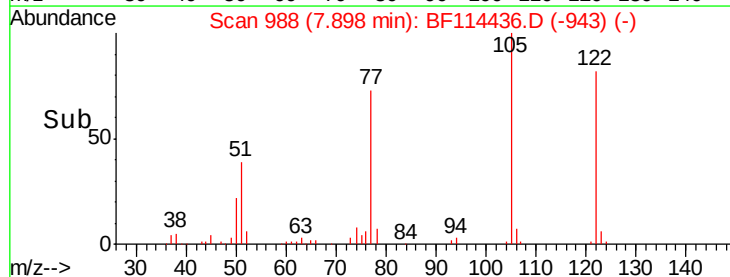
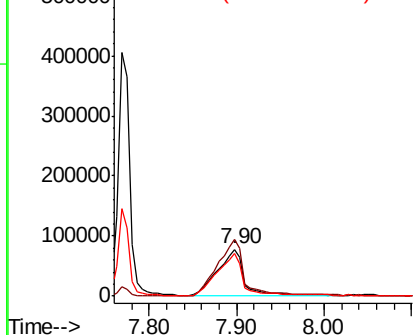


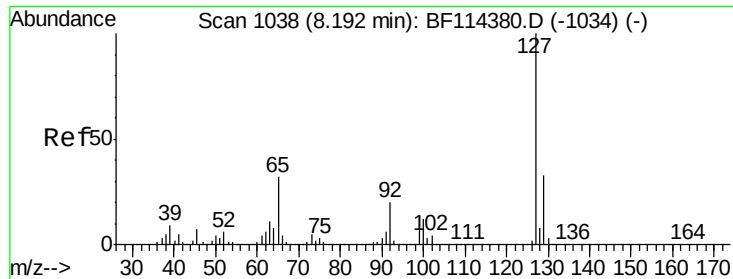
#32
Benzoic acid
Concen: 27.248 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:122 Resp: 163737
Ion Ratio Lower Upper
122 100
105 122.2 99.9 139.9
77 90.9 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

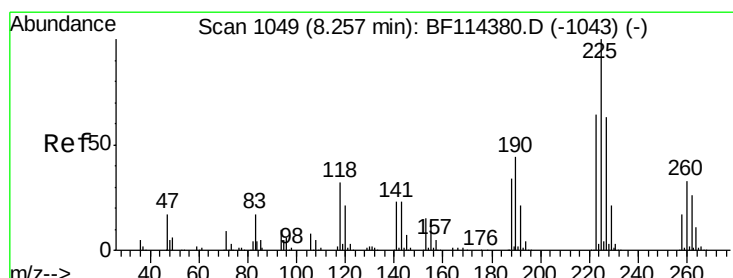
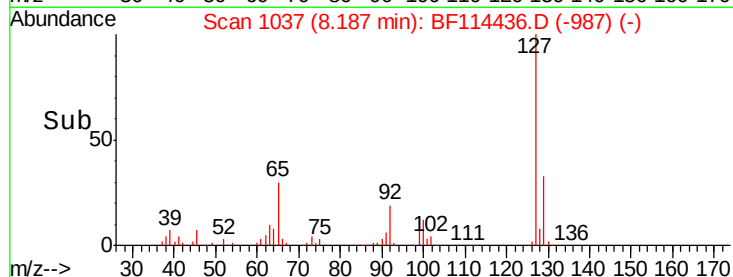
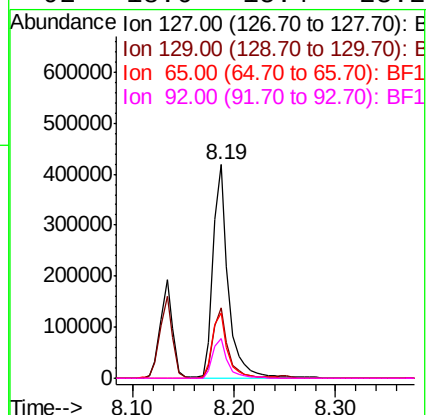
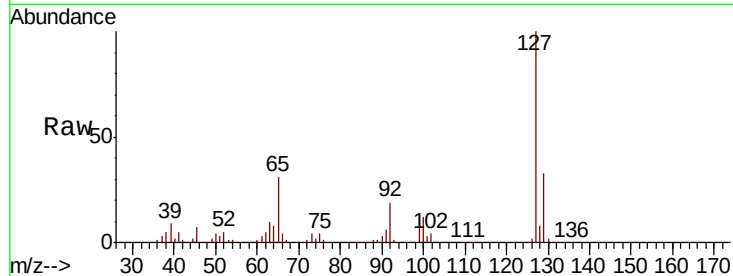




#33
4-Chloroaniline
Concen: 29.099 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

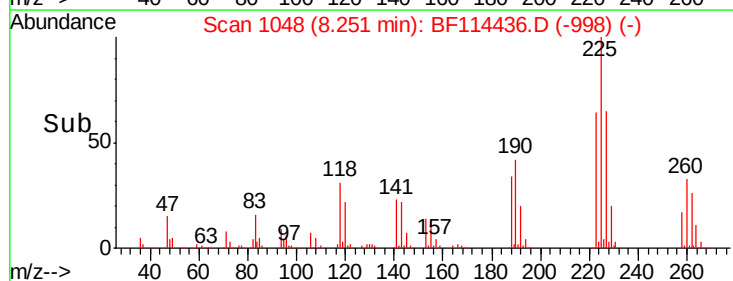
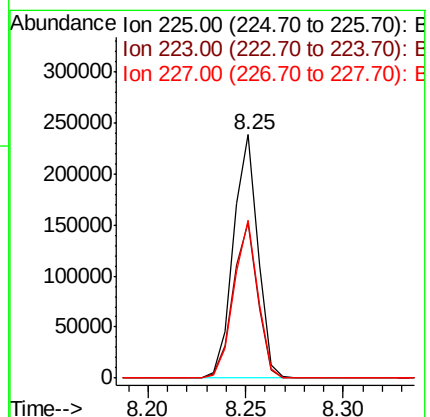
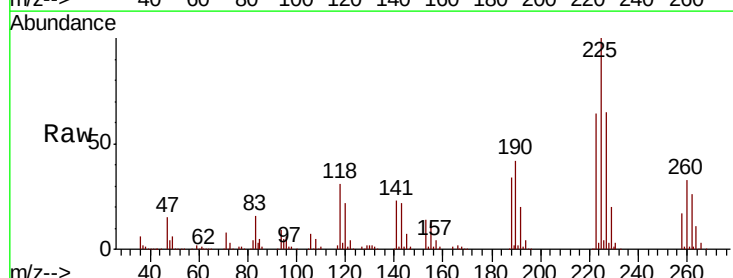
Instrument :
BNA_F
ClientSampleId :

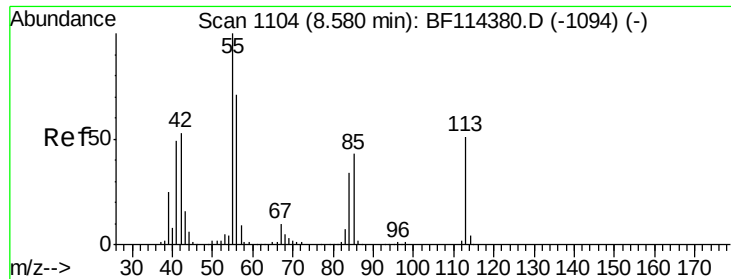
Tot Ion:	127	Resp:	434111
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	30.6	25.4	38.0
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 33.228 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:	225	Resp:	207486
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	64.6	52.6	79.0

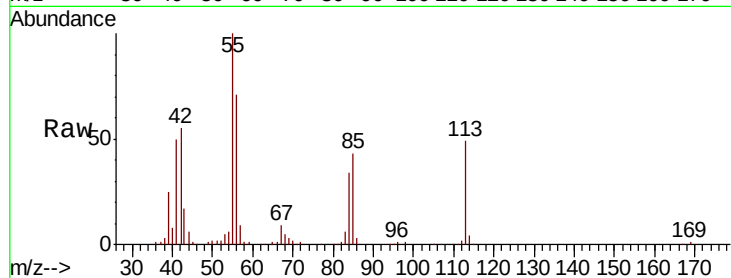




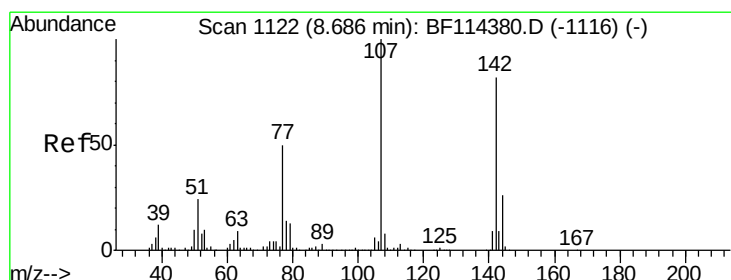
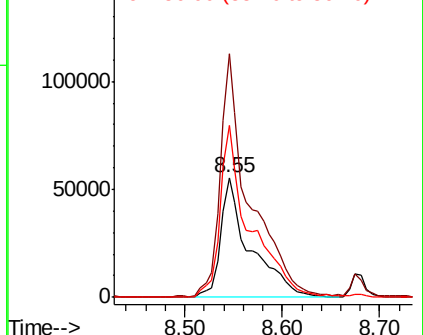
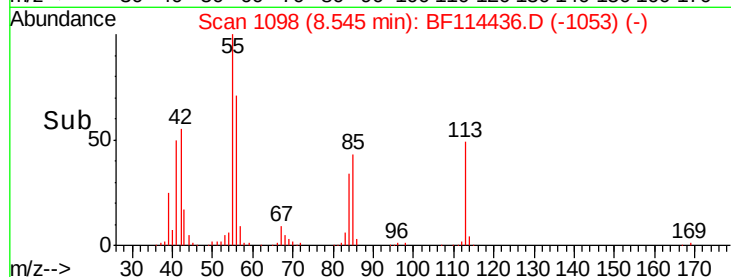
#35
 Caprolactam
 Concen: 37.228 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 117155
 Ion Ratio Lower Upper
 113 100
 55 203.3 183.5 223.5
 56 143.8 128.8 168.8

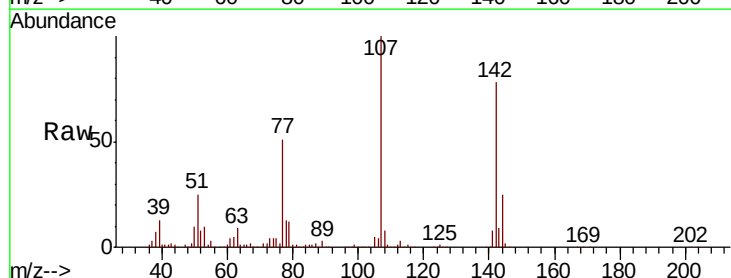


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 100000 Ion 56.00 (55.70 to 56.70): BF1

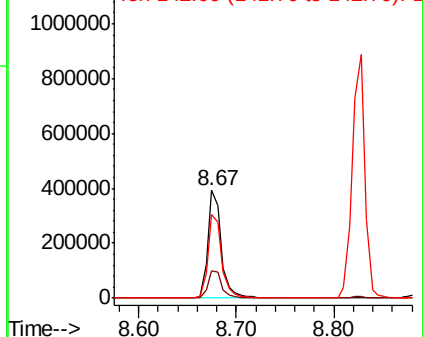
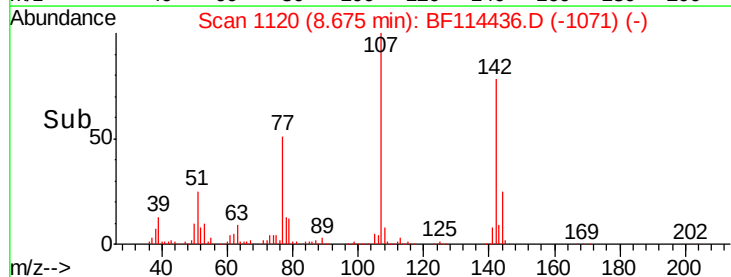


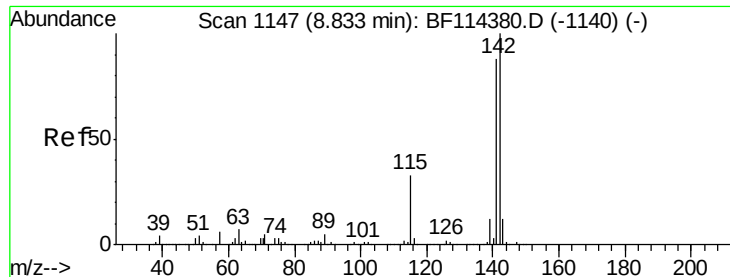
#36
 4-Chloro-3-methylphenol
 Concen: 38.804 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion:107 Resp: 376964
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.4 30.6
 142 78.1 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 1200000 Ion 144.00 (143.70 to 144.70): E
 1000000 Ion 142.00 (141.70 to 142.70): E

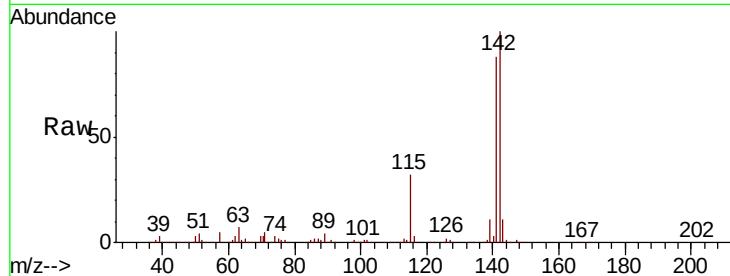




#37
 2-Methylnaphthalene
 Concen: 37.820 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	31.6	28.0	42.0

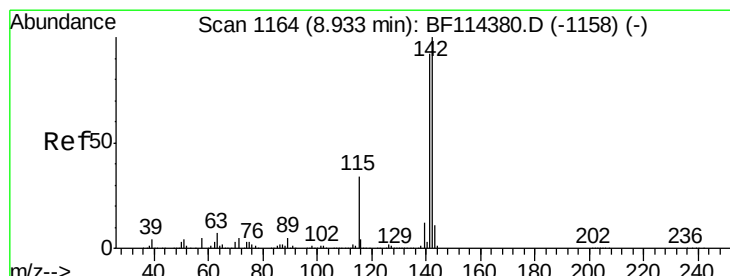
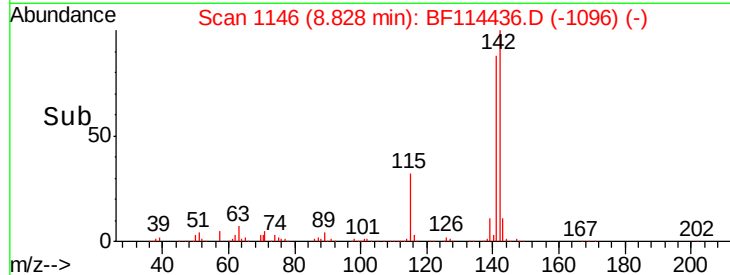
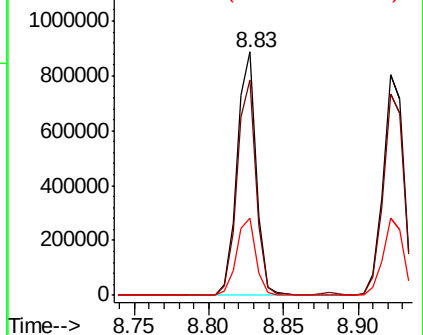


Abundance

Ion 142.00 (141.70 to 142.70): E

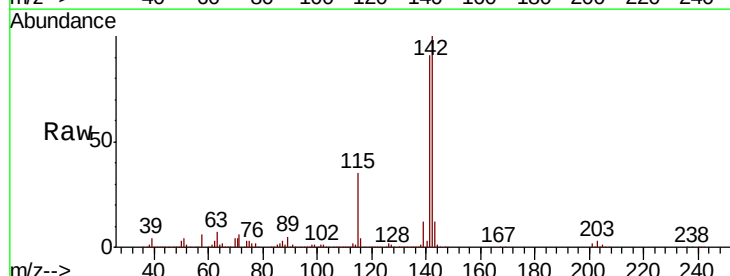
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 37.930 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.4	110.0
116	3.6	3.1	4.7

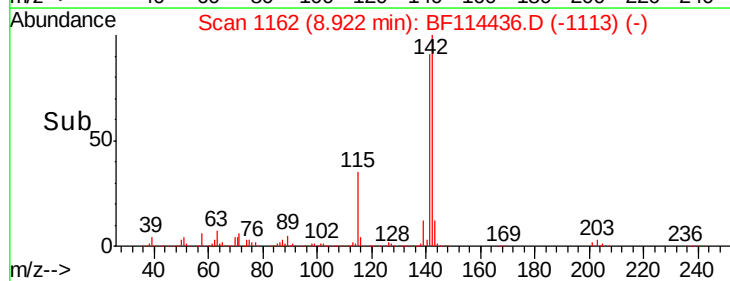
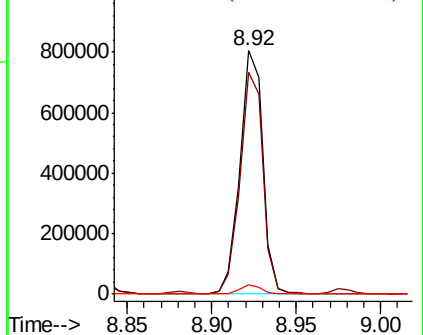


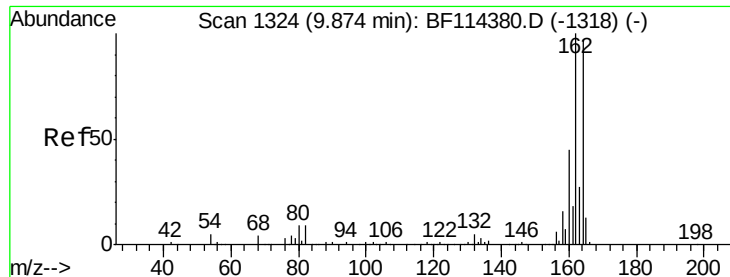
Abundance

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: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

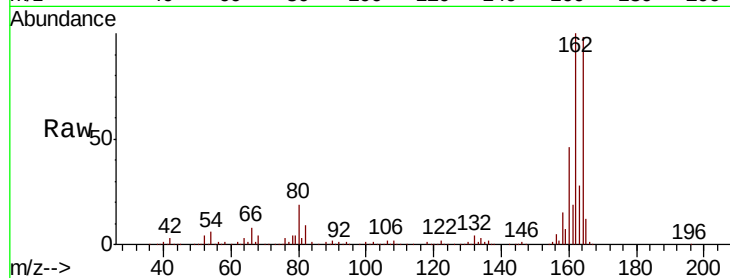
Tot Ion:164 Resp: 310577

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

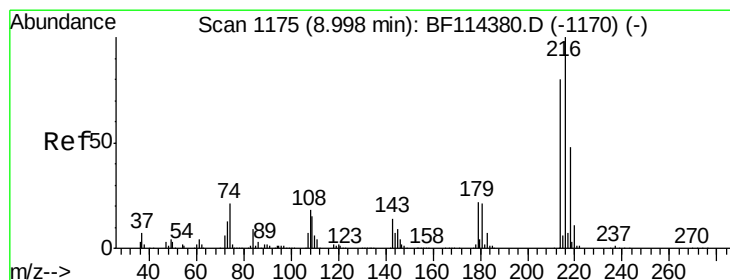
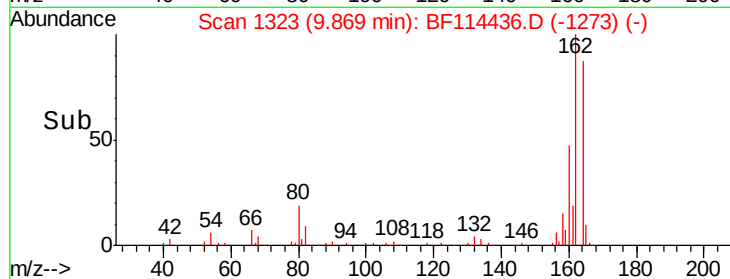
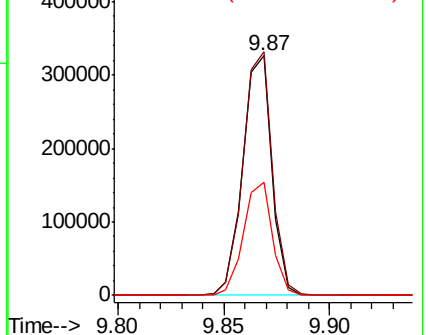
160 47.2 36.5 54.7



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: 38.508 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Tgt Ion:216 Resp: 362284

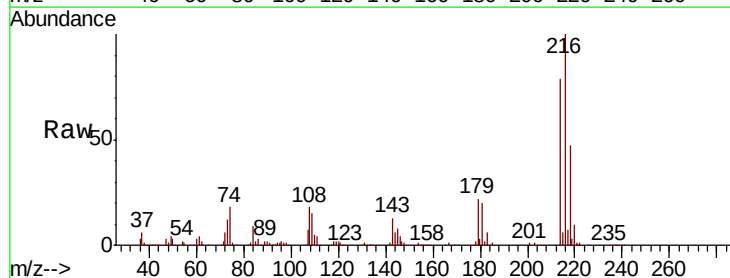
Ion Ratio Lower Upper

216 100

214 79.4 63.9 95.9

179 21.2 17.0 25.6

108 17.9 14.8 22.2

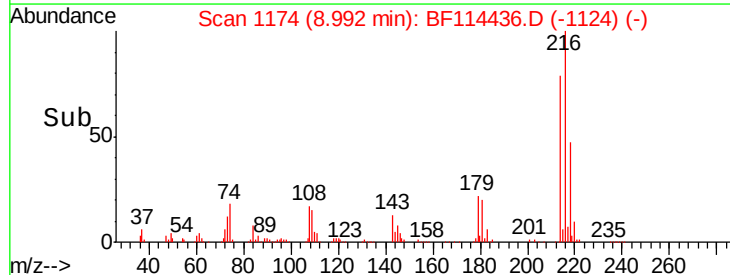
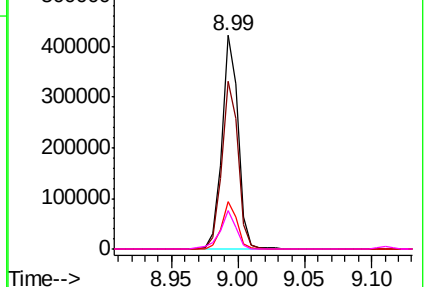


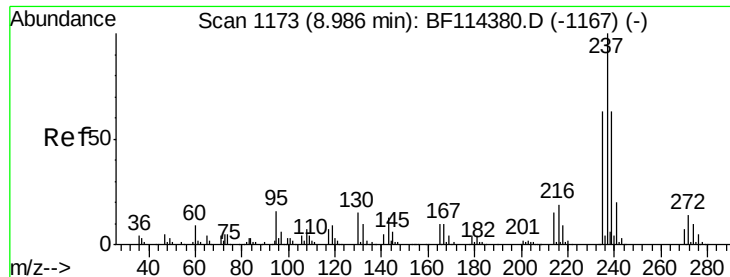
Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.213 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

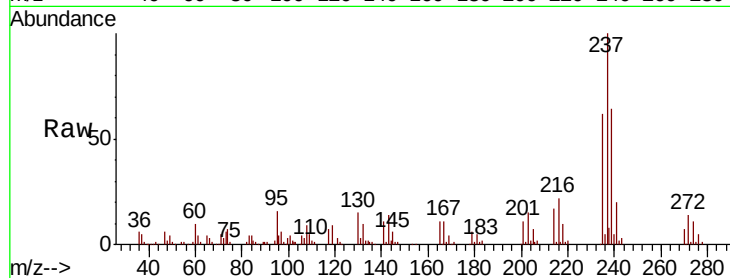
Tot Ion:237 Resp: 106057

Ion Ratio Lower Upper

237 100

235 61.6 42.0 82.0

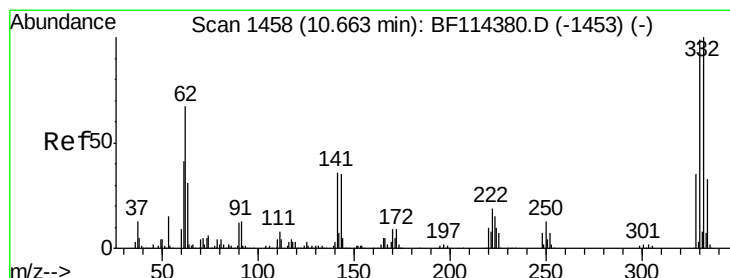
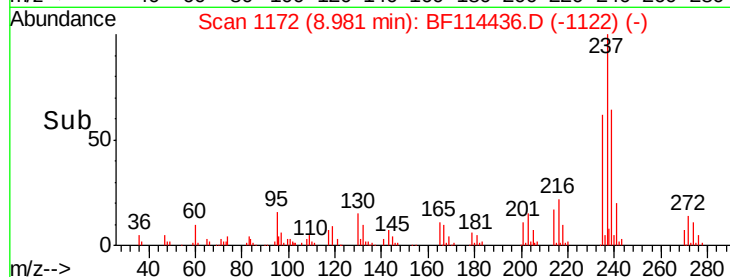
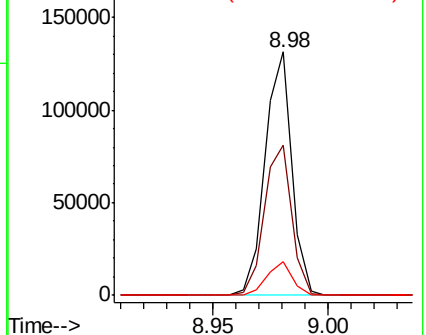
272 13.9 0.0 32.4



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: 92.053 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

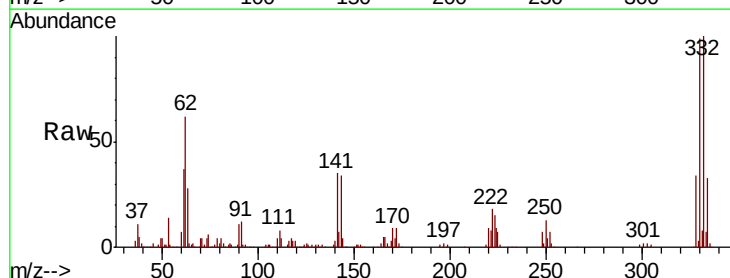
Tgt Ion:330 Resp: 295569

Ion Ratio Lower Upper

330 100

332 101.6 81.4 122.2

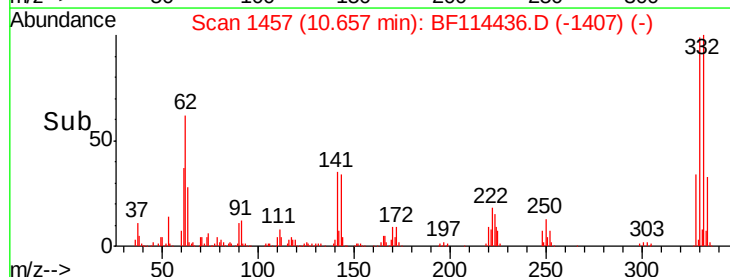
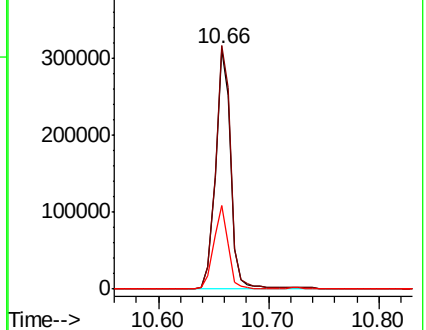
141 32.8 26.6 40.0

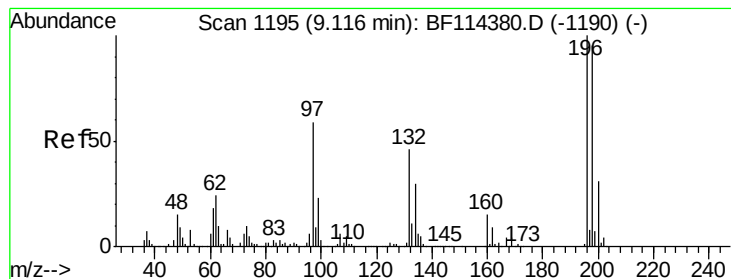


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 36.001 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

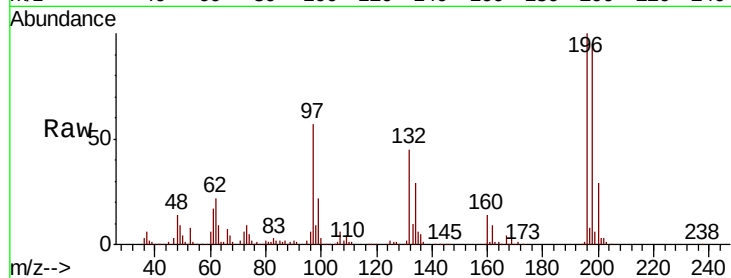
Tot Ion:196 Resp: 232966

Ion Ratio Lower Upper

196 100

198 94.8 75.9 113.9

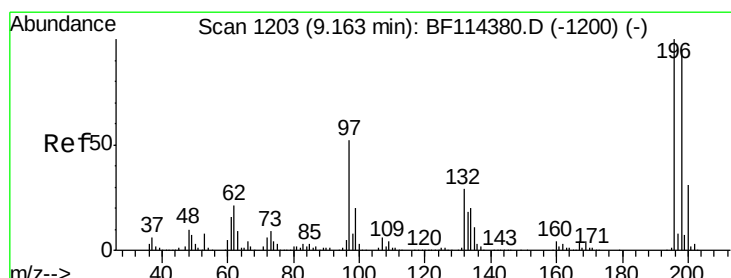
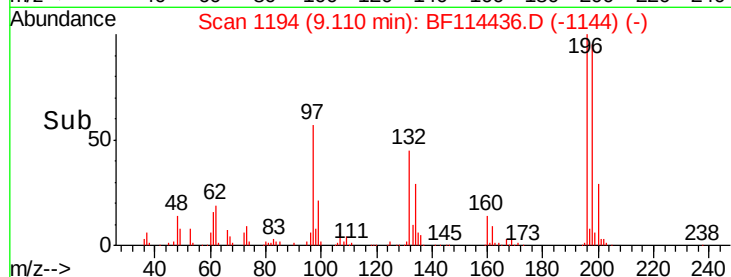
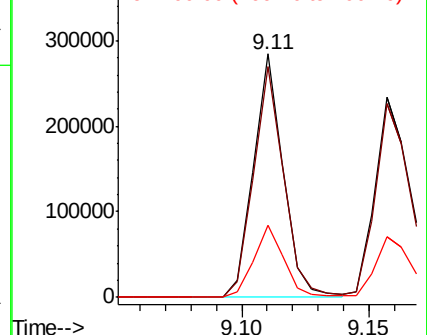
200 29.4 23.5 35.3



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: 36.812 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Tgt Ion:196 Resp: 244299

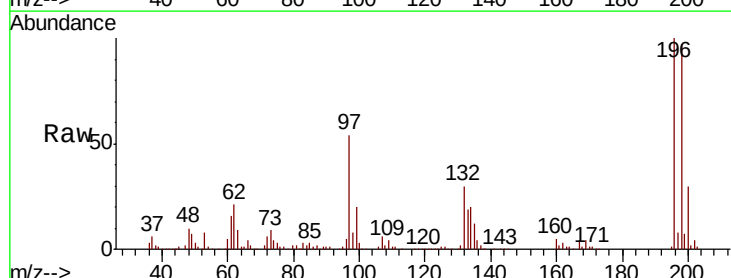
Ion Ratio Lower Upper

196 100

198 97.0 77.7 116.5

97 53.6 38.2 57.2

132 30.0 21.4 32.2

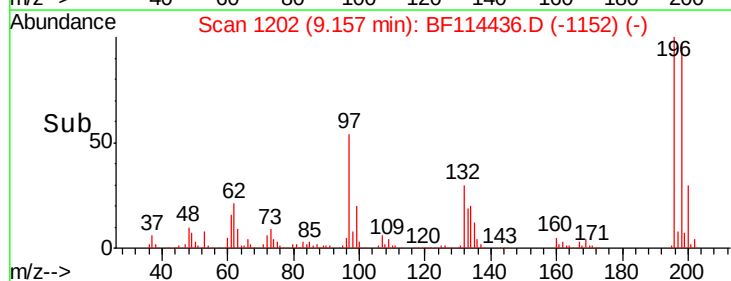
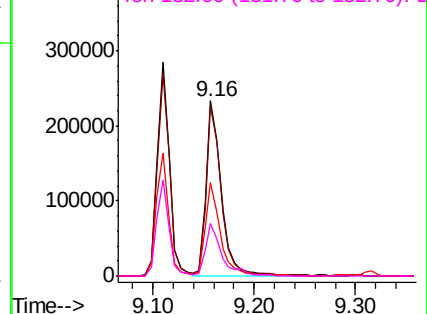


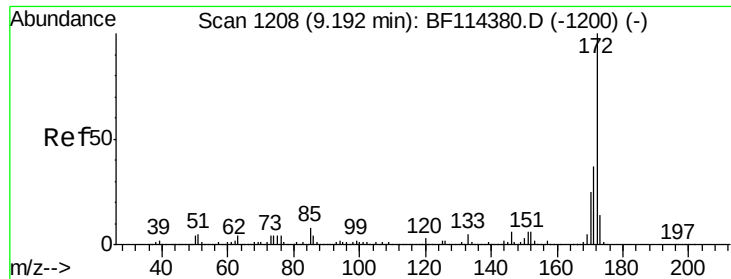
Abundance Ion 196.00 (195.70 to 196.70): E

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

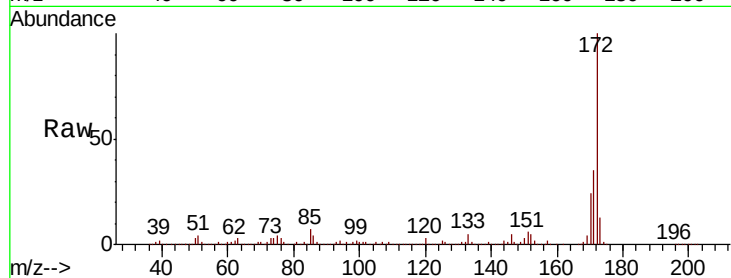




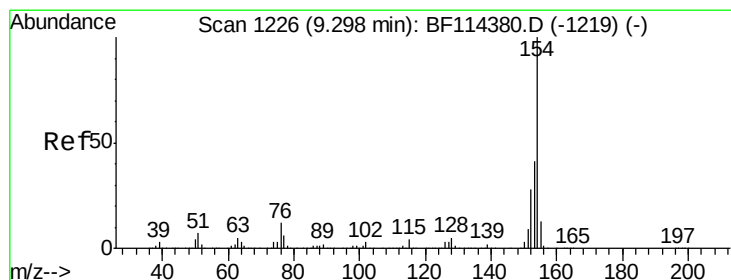
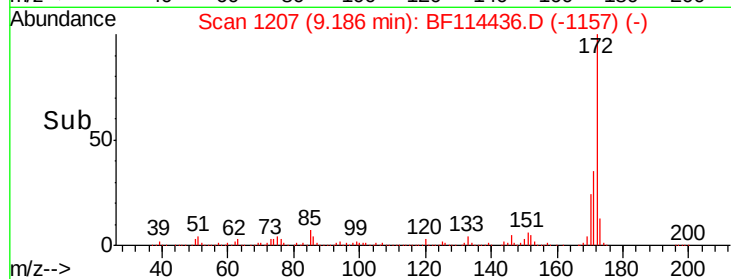
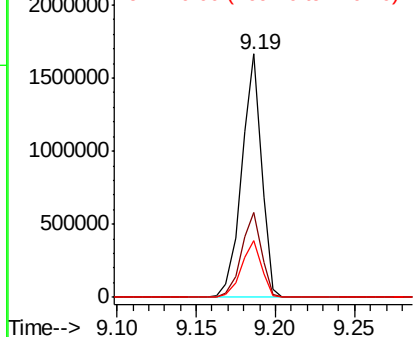
#45
2-Fluorobiphenyl
Concen: 69.797 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1433046
Ion Ratio Lower Upper
172 100
171 35.0 30.7 46.1
170 23.5 20.5 30.7

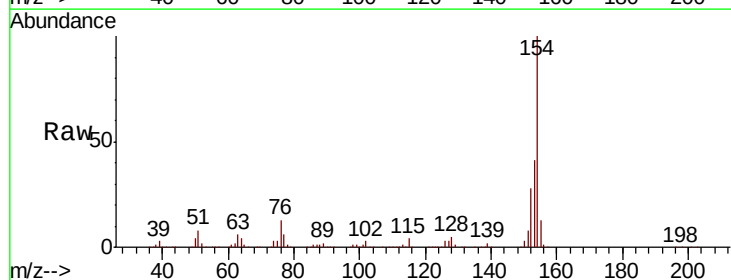


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

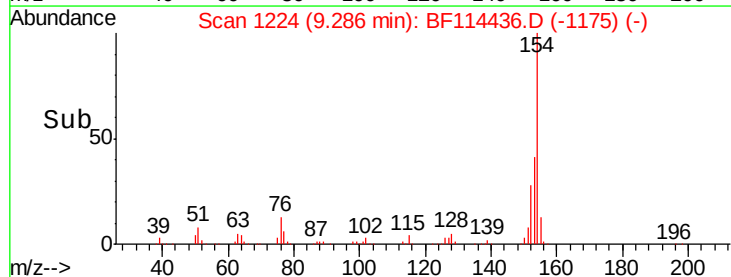
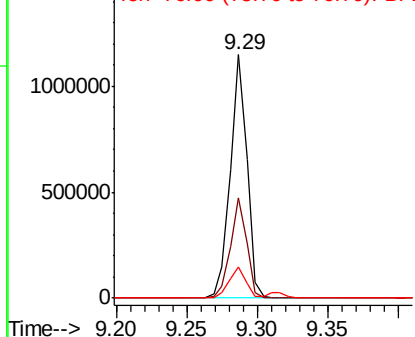


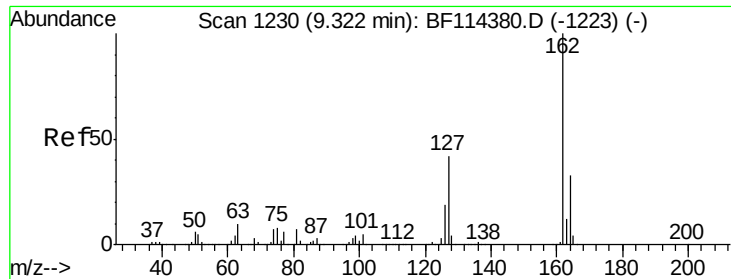
#46
1,1'-Biphenyl
Concen: 37.604 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:154 Resp: 943498
Ion Ratio Lower Upper
154 100
153 41.2 21.9 61.9
76 12.8 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: 35.968 ng

RT: 9.32 min Scan# 1229

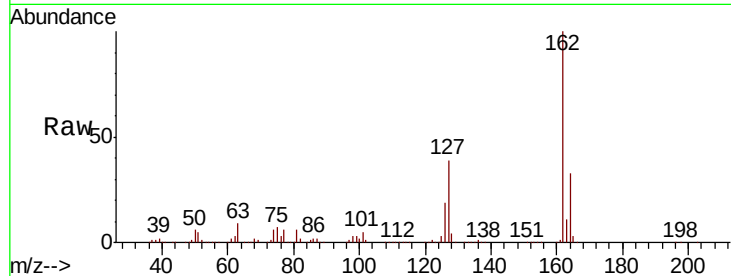
Delta R.T. -0.01 min

Lab File: BF114436.D

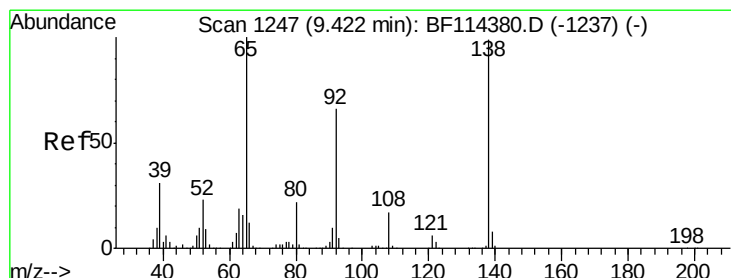
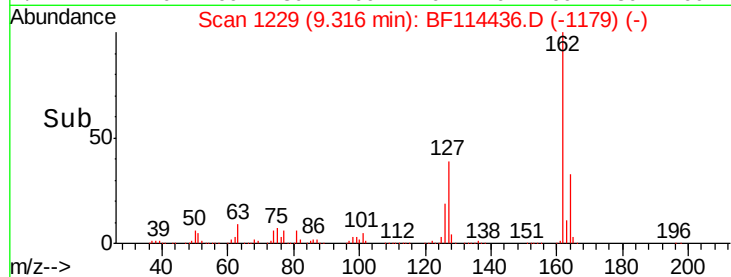
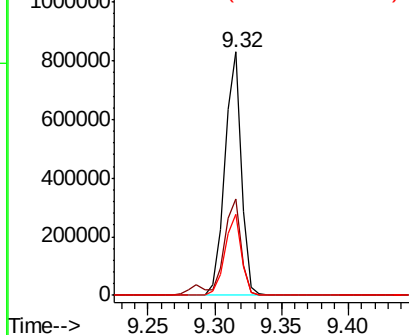
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	162	Resp:	726283
Ion	Ratio	Lower	Upper
162	100		
127	39.4	34.0	51.0
164	33.2	26.7	40.1



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



#48

2-Nitroaniline

Concen: 35.547 ng

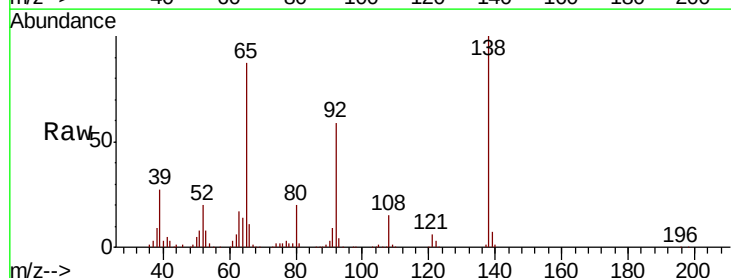
RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

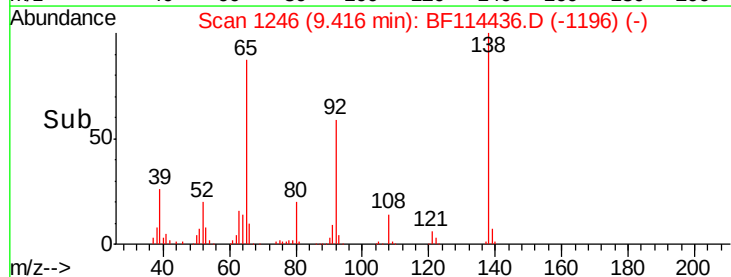
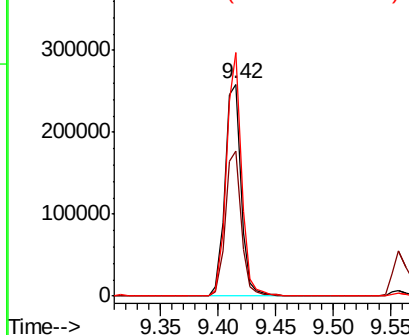
Lab File: BF114436.D

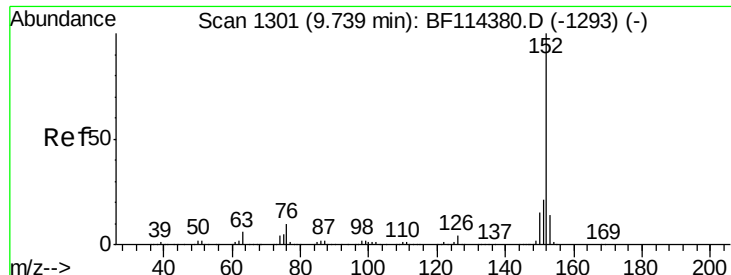
Acq: 20 May 2019 14:05

Tgt Ion:	65	Resp:	254558
Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.9	80.9
138	114.9	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.287 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

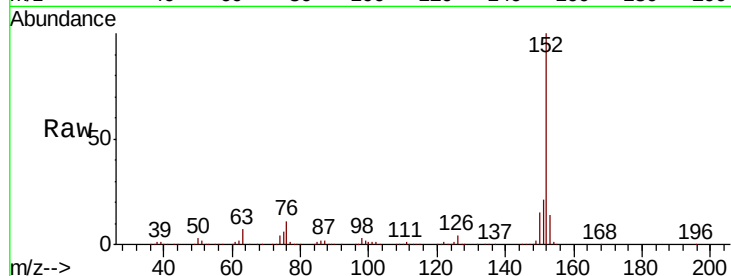
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1145150

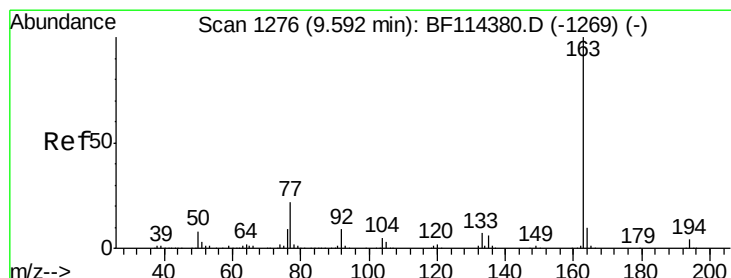
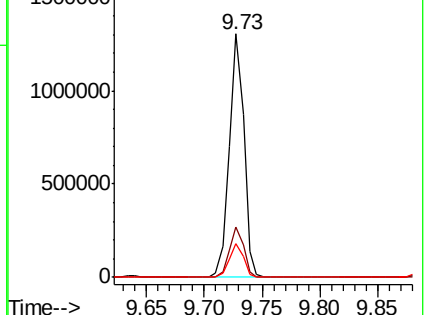
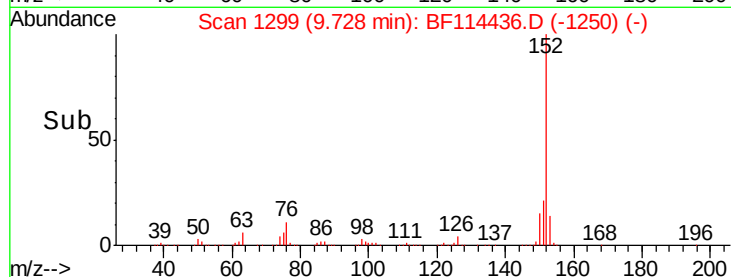
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.7	11.4	17.2



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: 45.903 ng

RT: 9.59 min Scan# 1275

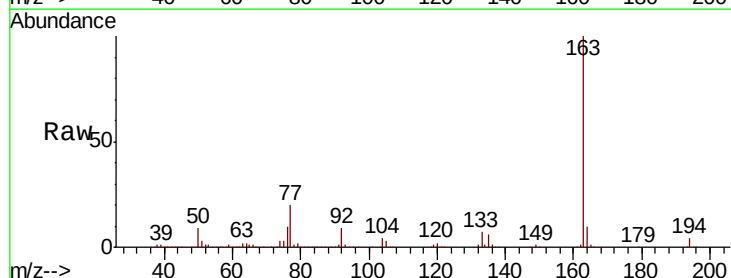
Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Tgt Ion:163 Resp: 1046545

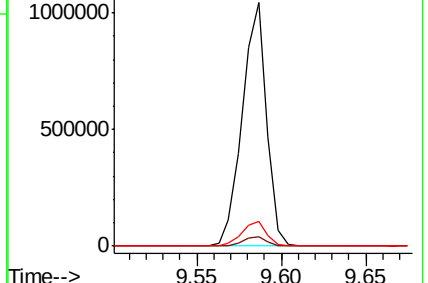
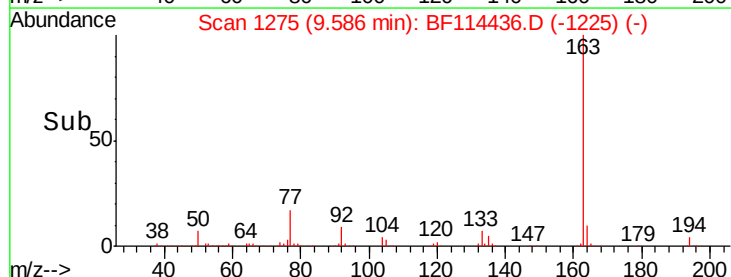
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.1	8.2	12.2

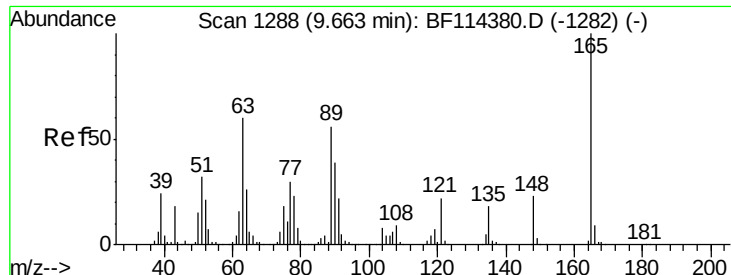


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

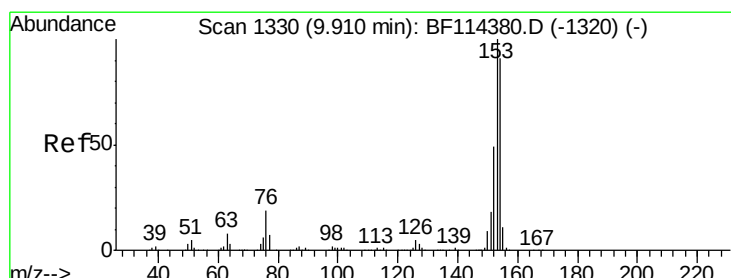
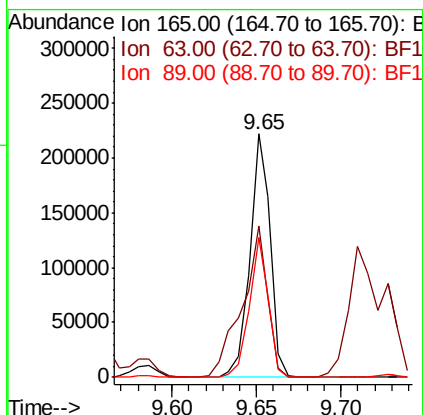
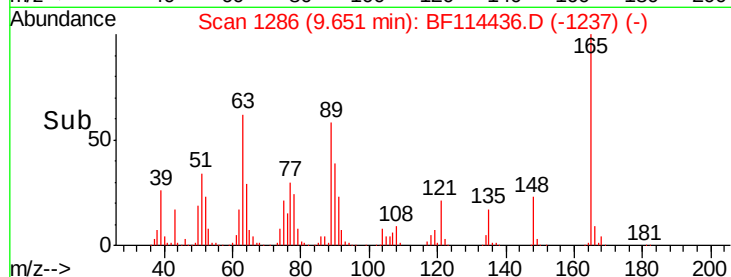
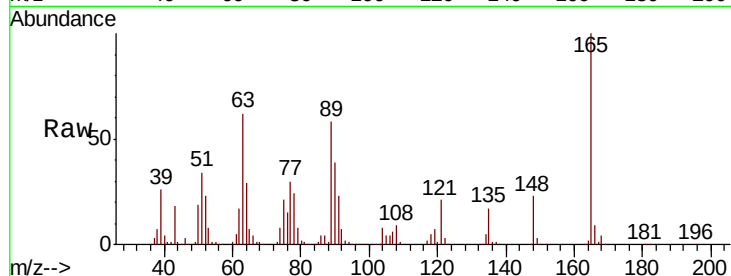




#51
2,6-Dinitrotoluene
Concen: 36.967 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

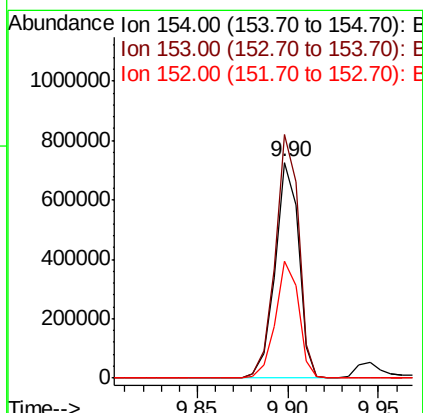
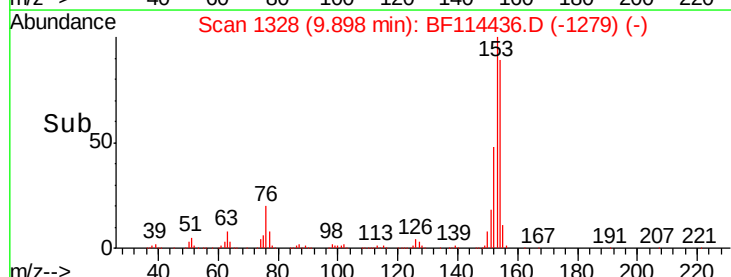
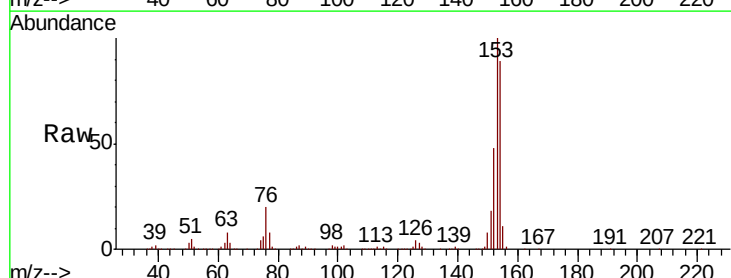
Instrument :
BNA_F
ClientSampleId :

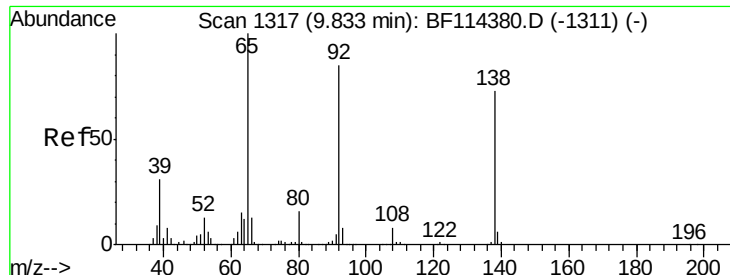
Tot Ion:165 Resp: 186937
Ion Ratio Lower Upper
165 100
63 62.0 50.2 75.4
89 57.7 46.6 69.8



#52
Acenaphthene
Concen: 34.833 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:154 Resp: 656459
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 54.0 43.4 65.2

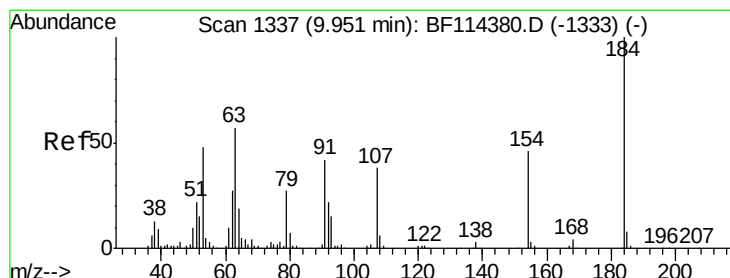
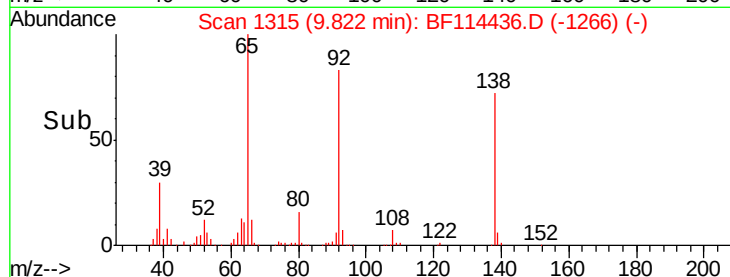
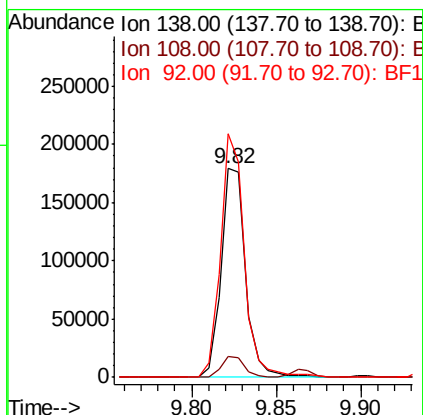
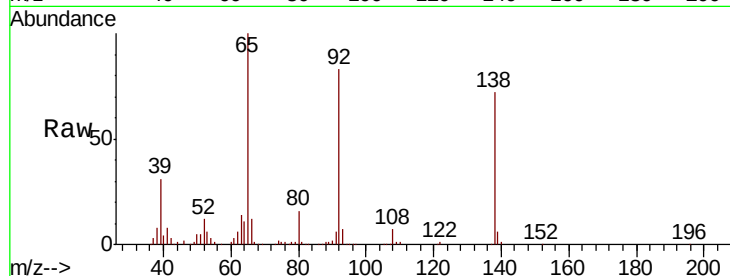




#53
3-Nitroaniline
Concen: 28.939 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

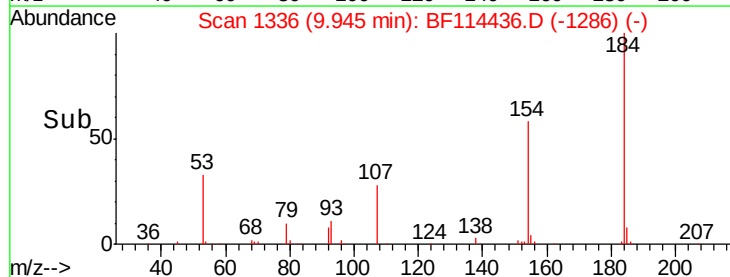
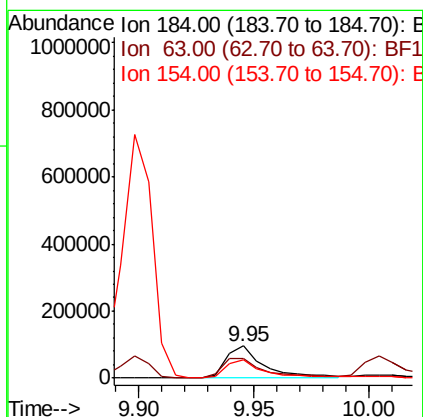
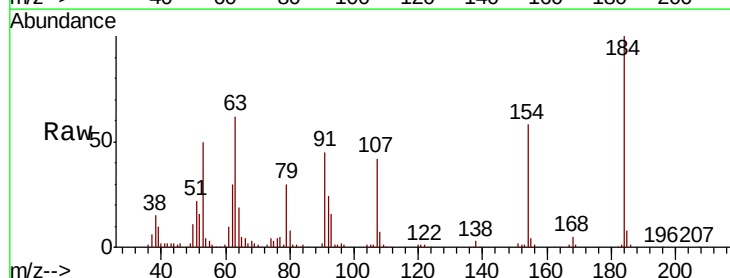
Instrument :
BNA_F
ClientSampleId :

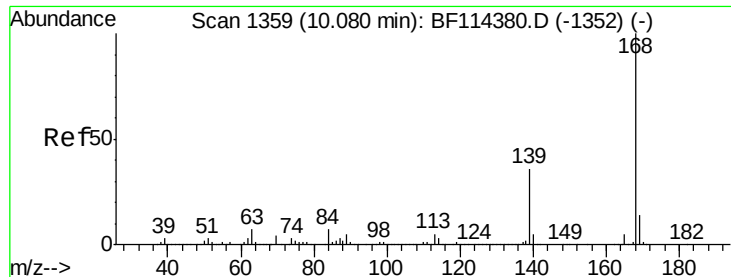
Tot Ion:138 Resp: 181660
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 116.6 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 46.165 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:184 Resp: 109466
Ion Ratio Lower Upper
184 100
63 62.0 55.6 83.4
154 57.7 46.0 69.0

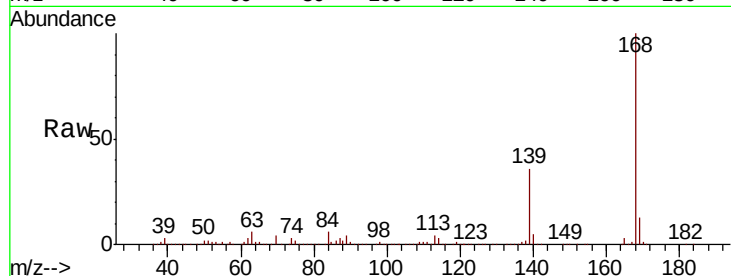




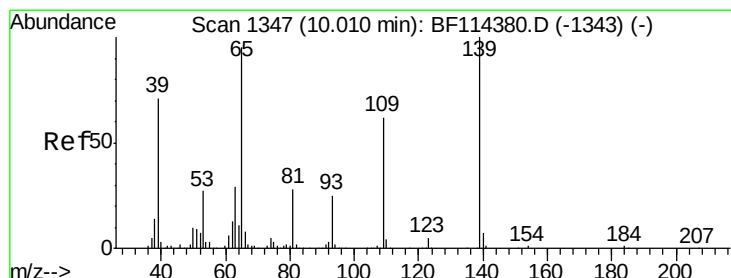
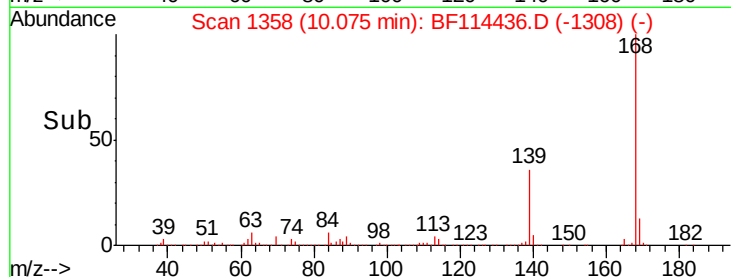
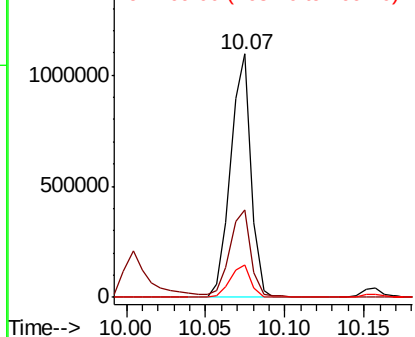
#55
Dibenzenofuran
Concen: 35.323 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 976153
Ion Ratio Lower Upper
168 100
139 35.7 31.1 46.7
169 13.5 11.4 17.0

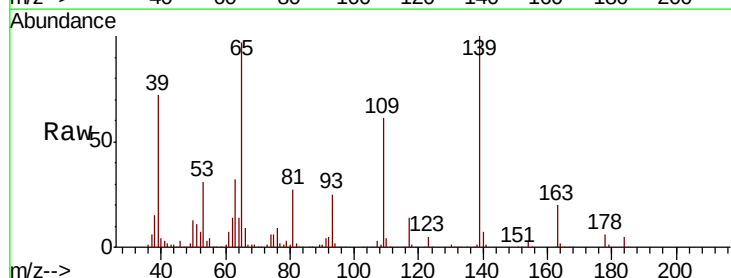


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

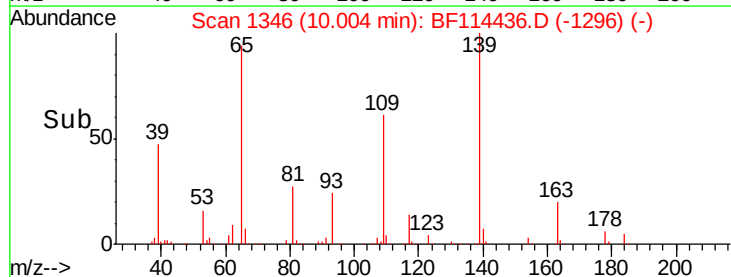
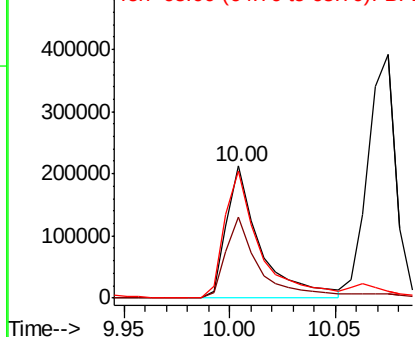


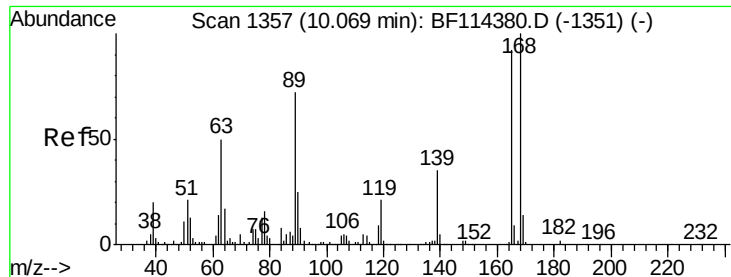
#56
4-Nitrophenol
Concen: 53.035 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:139 Resp: 235437
Ion Ratio Lower Upper
139 100
109 61.3 43.9 83.9
65 96.9 85.7 125.7



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





#57

2,4-Dinitrotoluene

Concen: 33.554 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 230306

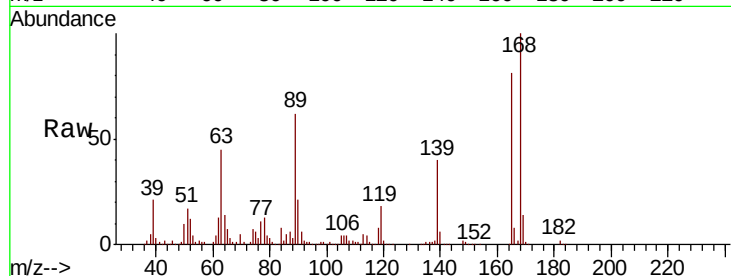
Ion Ratio Lower Upper

165 100

63 54.9 35.5 53.3#

89 76.4 55.2 82.8

182 2.6 2.2 3.2

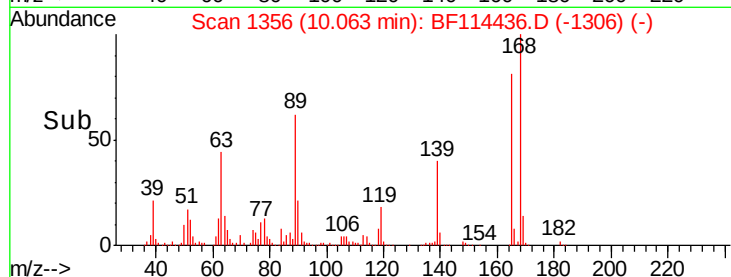


Abundance Ion 165.00 (164.70 to 165.70): E

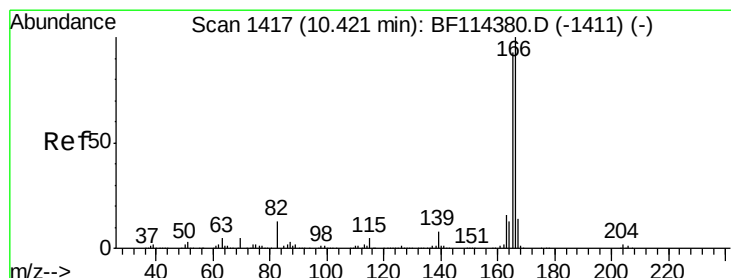
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 35.808 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

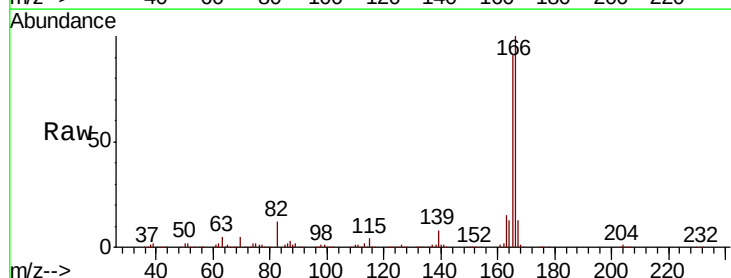
Tgt Ion:166 Resp: 764330

Ion Ratio Lower Upper

166 100

165 90.8 76.1 114.1

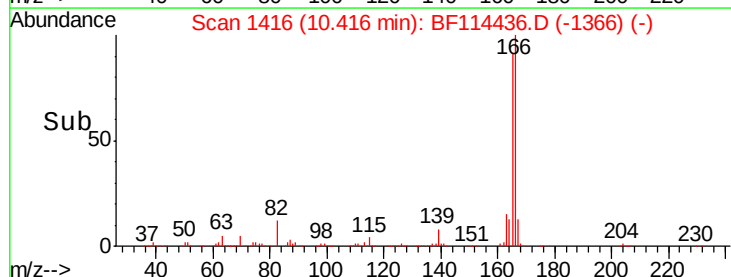
167 13.4 11.1 16.7



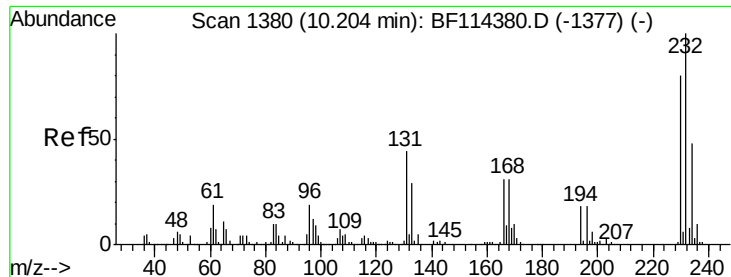
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



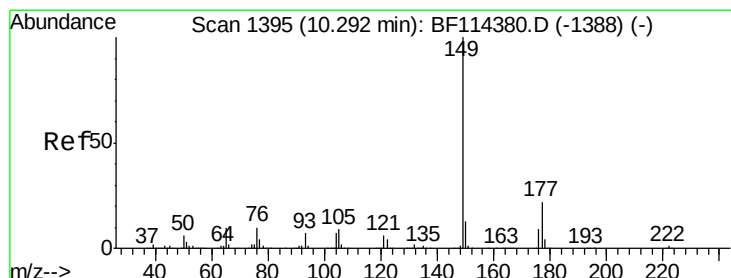
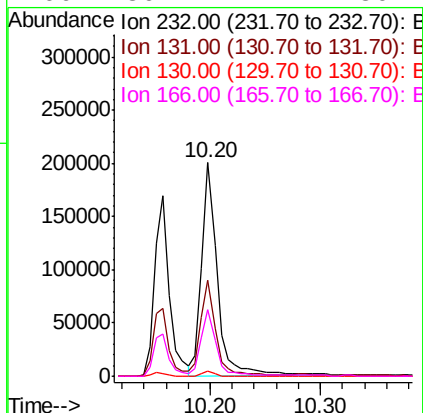
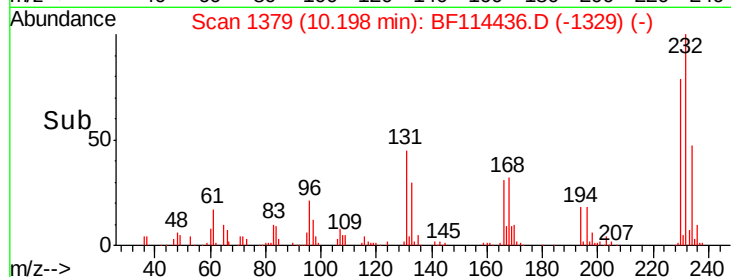
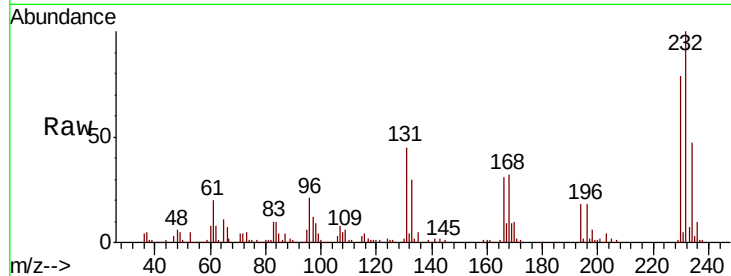
Time-->



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.139 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

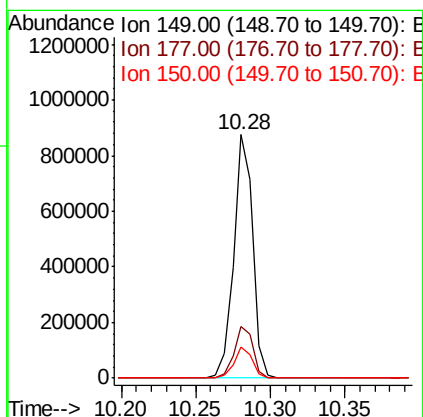
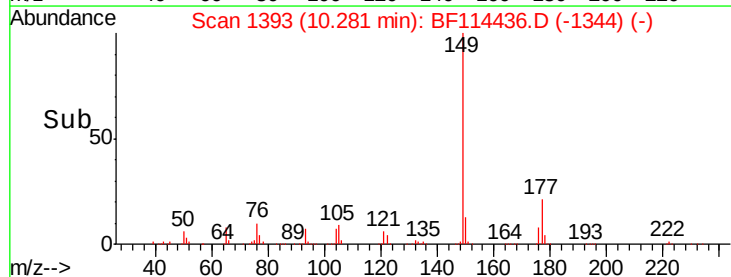
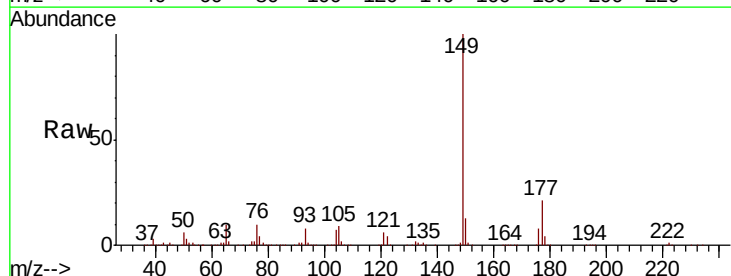
Instrument :
 BNA_F
 ClientSampleId :

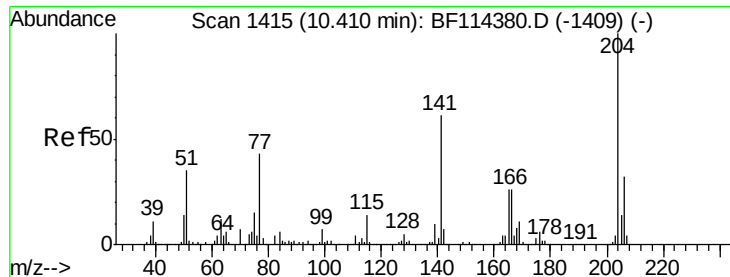
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.6	53.4
130	2.2	1.6	2.4
166	30.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 33.850 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.6	10.2	15.2

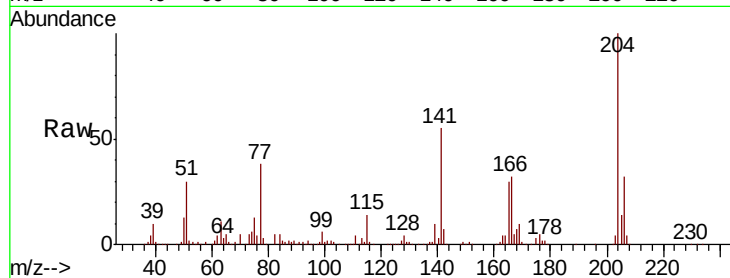




#61
4-Chlorophenyl-phenylether
Concen: 35.159 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	54.9	46.4	69.6

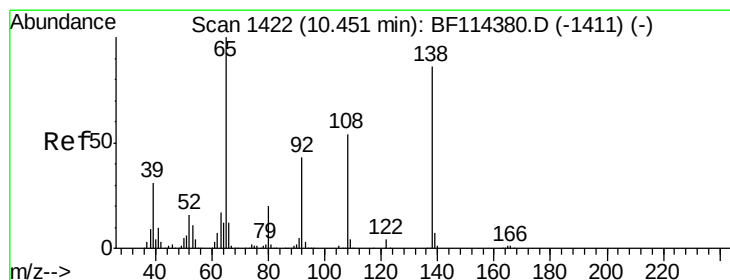
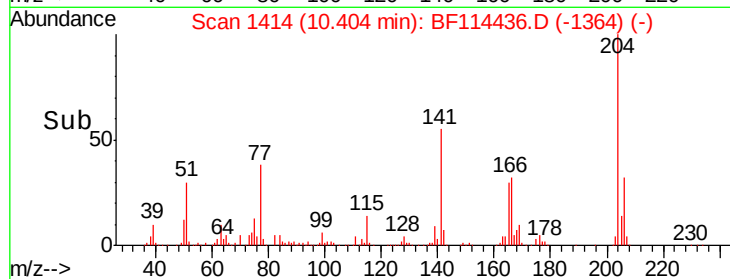
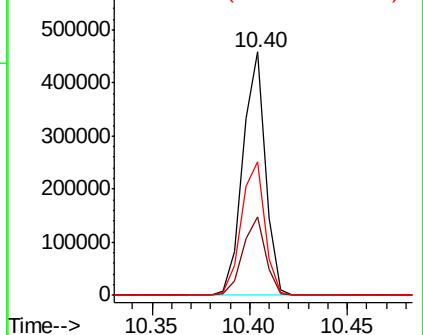


Abundance

Ion 204.00 (203.70 to 204.70): E

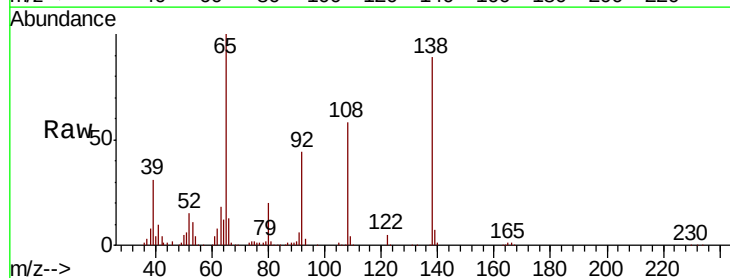
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.748 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.0	73.0
108	64.9	44.9	84.9

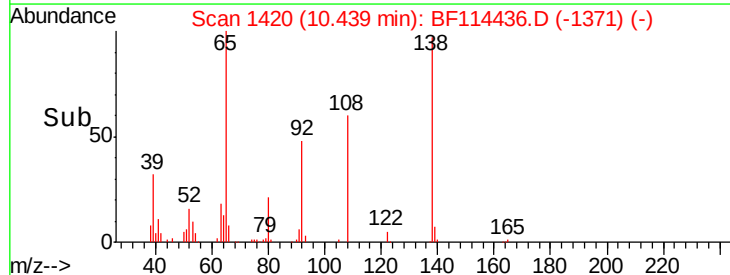
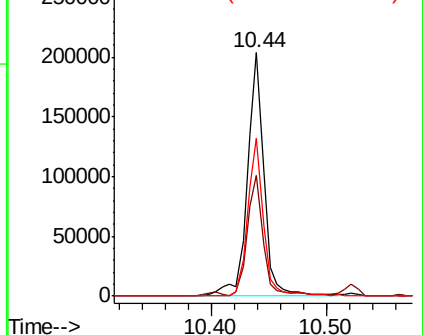


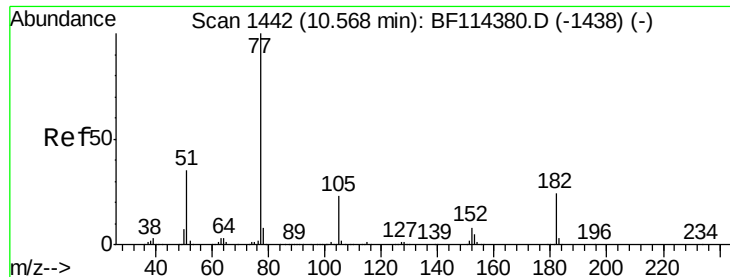
Abundance

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

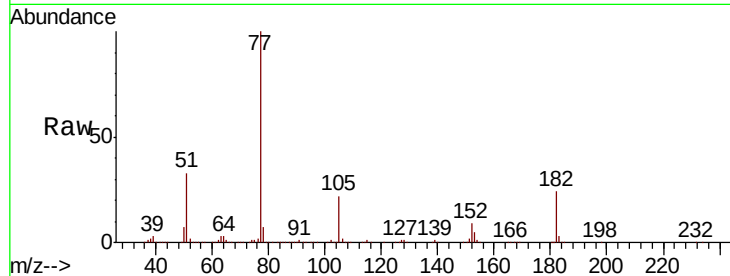




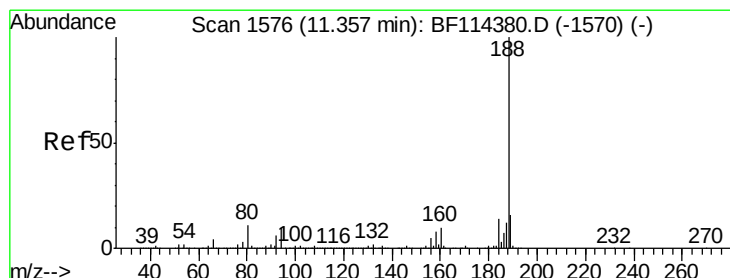
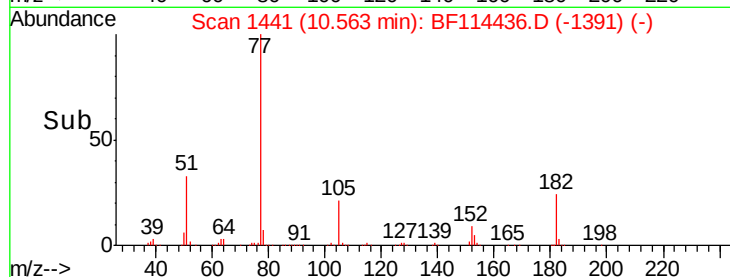
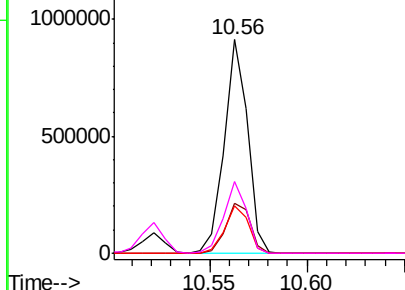
#63
Azobenzene
Concen: 33.620 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	753855
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.7	44.7
105	22.2	2.9	42.9
51	33.4	14.6	54.6

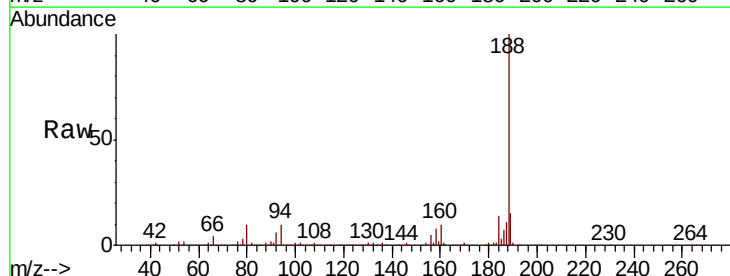


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

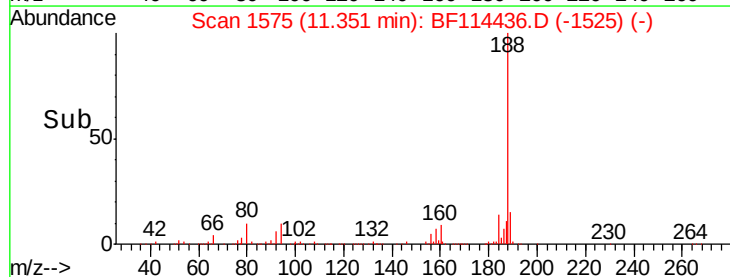
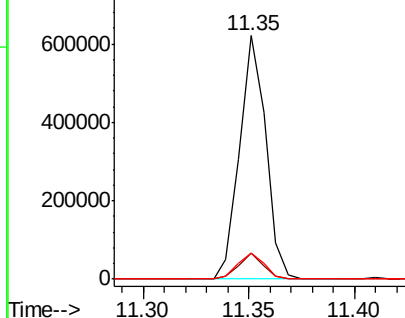


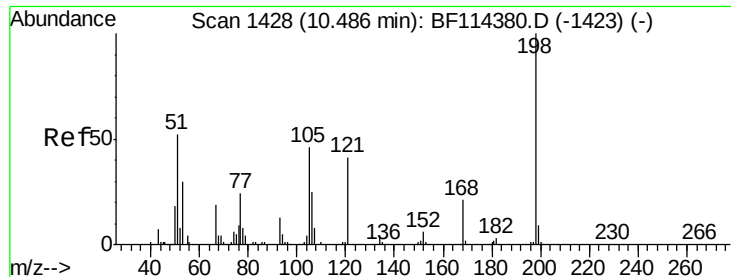
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:	188	Resp:	533239
Ion	Ratio	Lower	Upper
188	100		
94	10.5	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

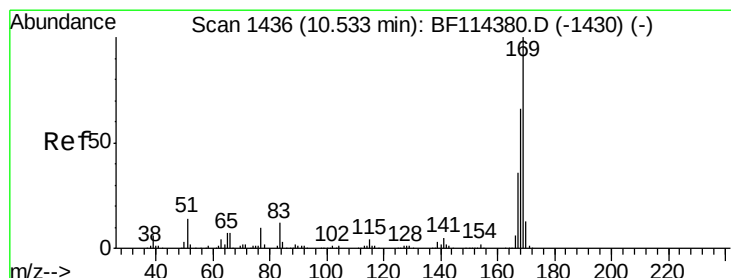
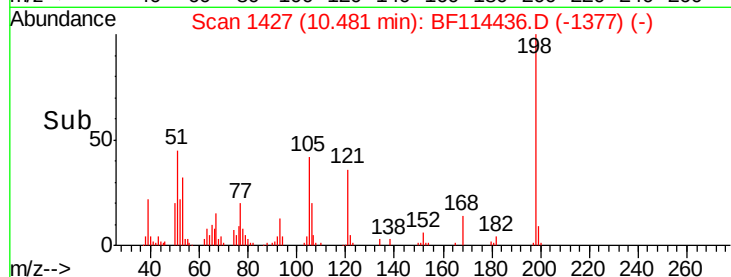
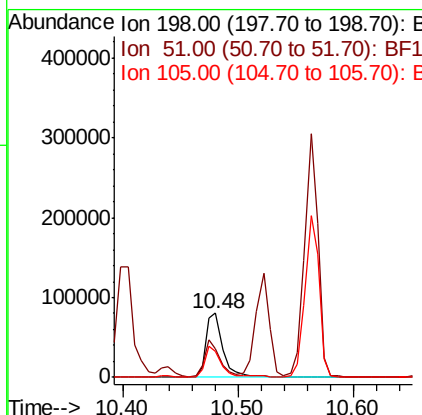
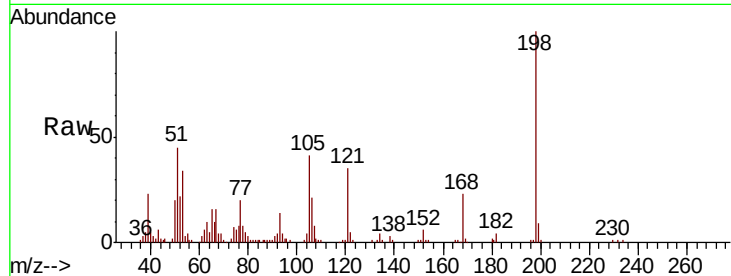




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.163 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

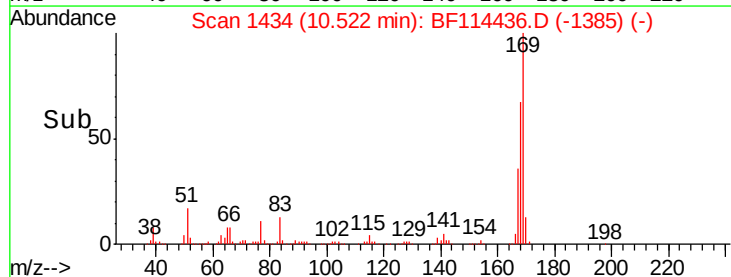
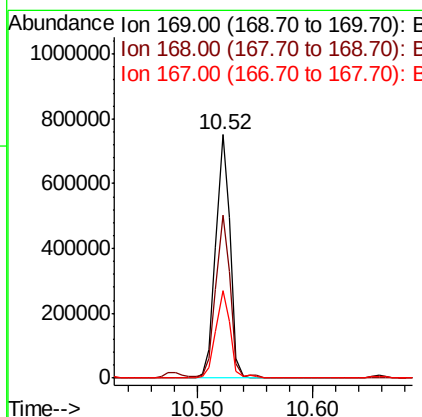
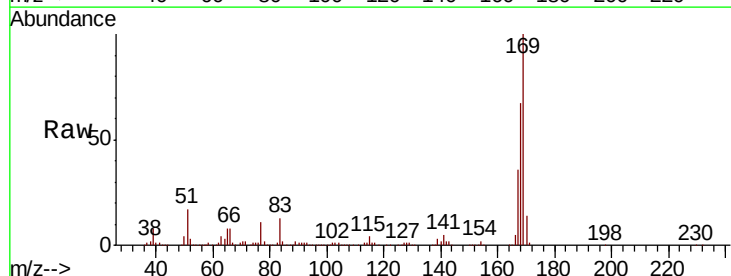
Instrument :
 BNA_F
 ClientSampled :

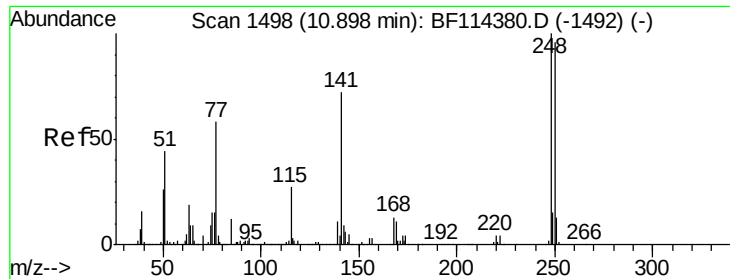
Tot Ion	198	Resp	84972
Ion Ratio	Lower	Upper	
198	100		
51	44.9	28.0	68.0
105	40.9	21.1	61.1



#66
 n-Nitrosodiphenylamine
 Concen: 39.945 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion	169	Resp	646465
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.2
167	36.0	29.8	44.8

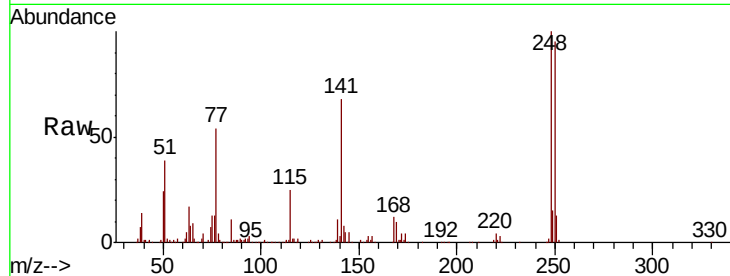




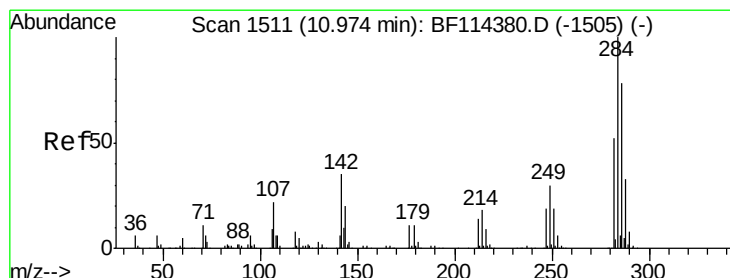
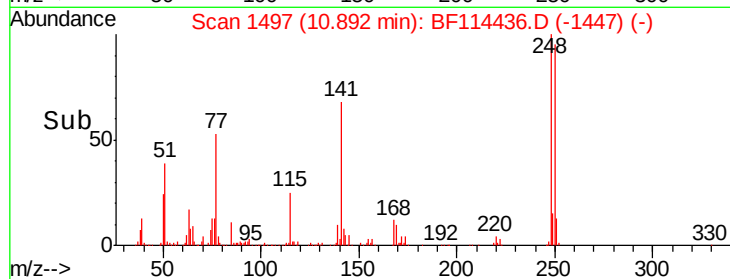
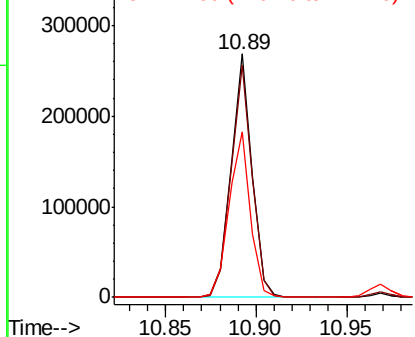
#67
 4-Bromophenyl-phenylether
 Concen: 36.853 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.2
141	68.3	55.6	83.4

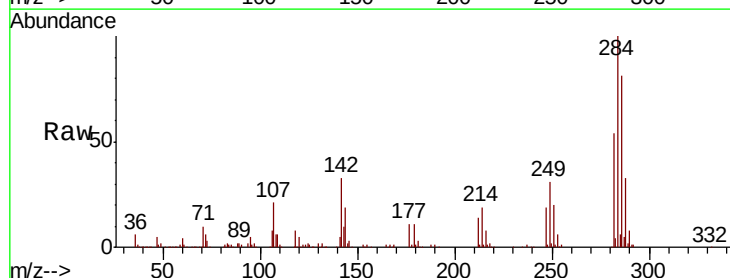


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

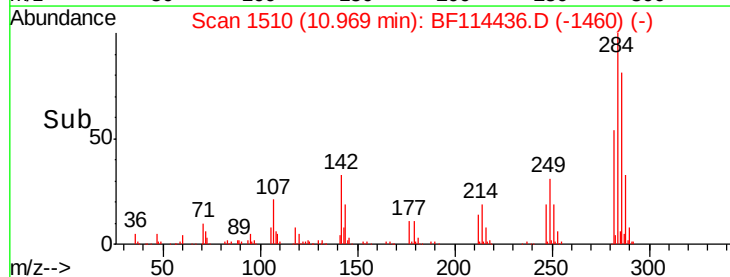
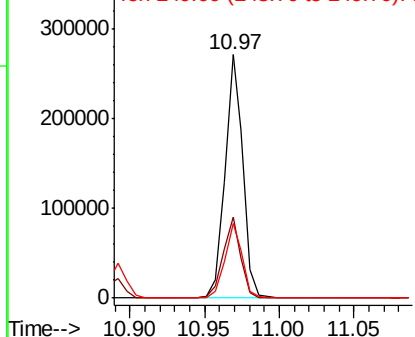


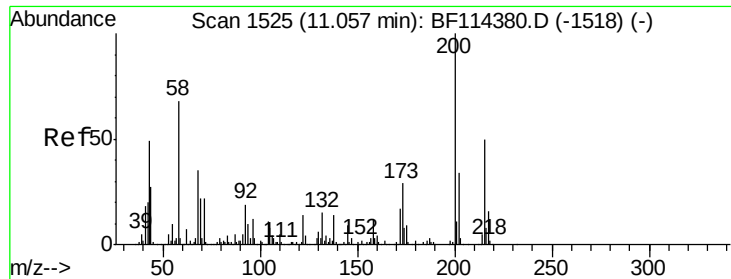
#68
 Hexachlorobenzene
 Concen: 35.360 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.4	42.6
249	30.7	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

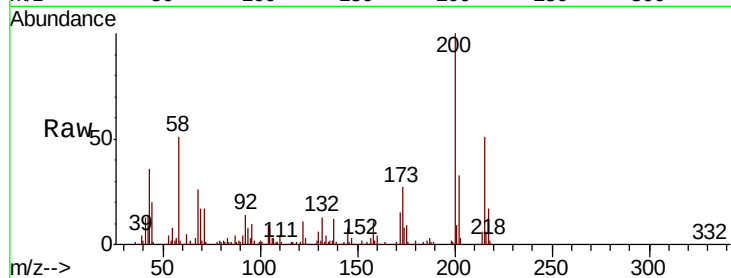




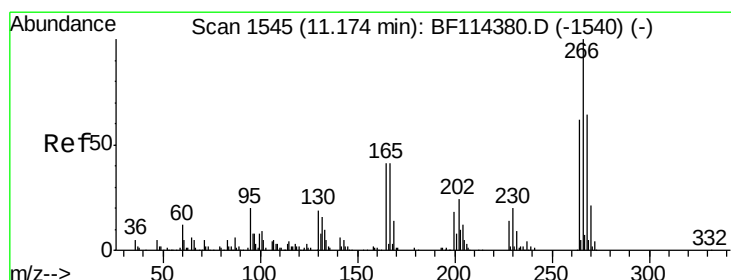
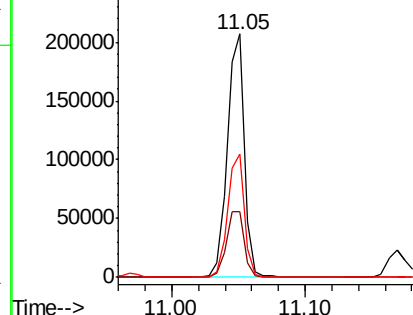
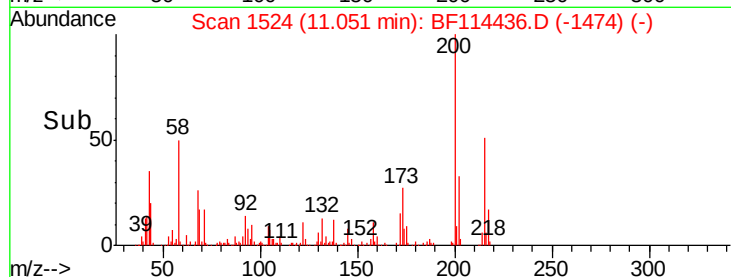
#69
Atrazine
Concen: 37.107 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 186886
Ion Ratio Lower Upper
200 100
173 27.1 8.9 48.9
215 50.6 30.7 70.7

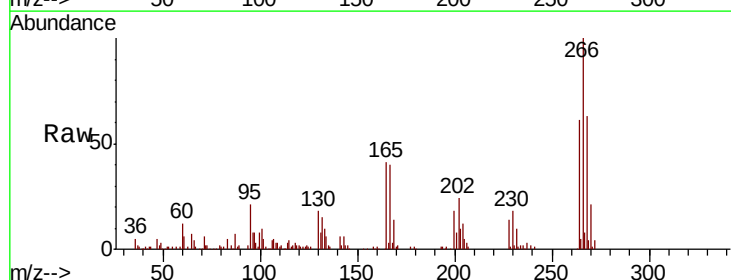


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

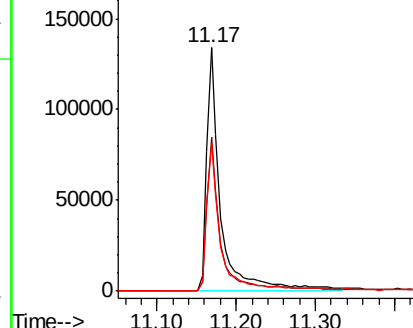
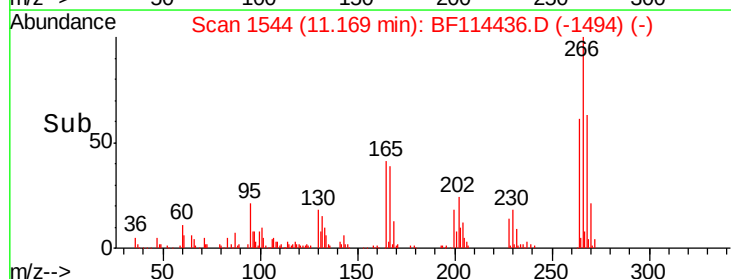


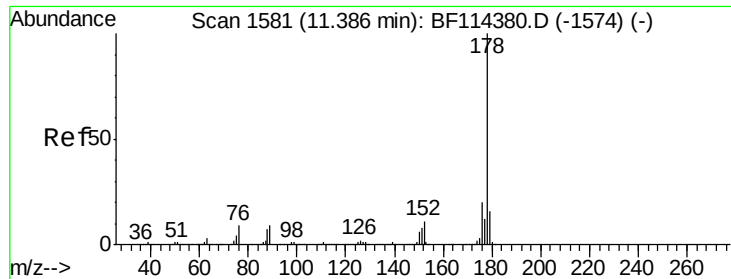
#70
Pentachlorophenol
Concen: 55.282 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:266 Resp: 170209
Ion Ratio Lower Upper
266 100
268 63.5 51.1 76.7
264 60.5 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

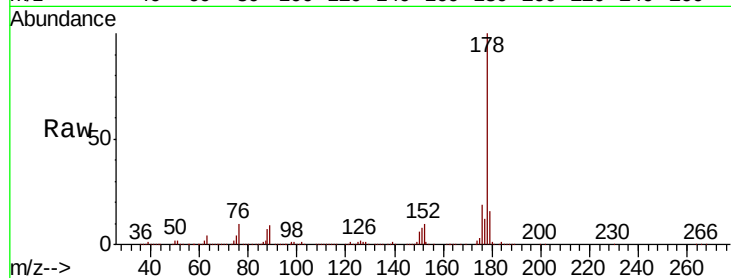




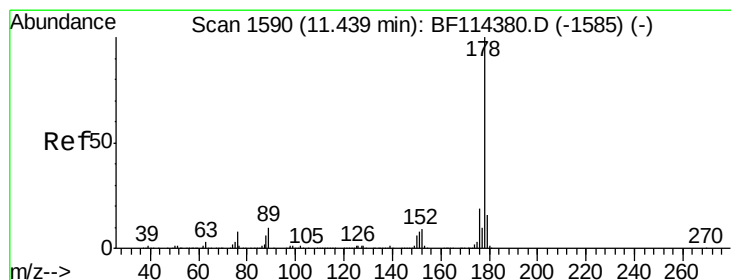
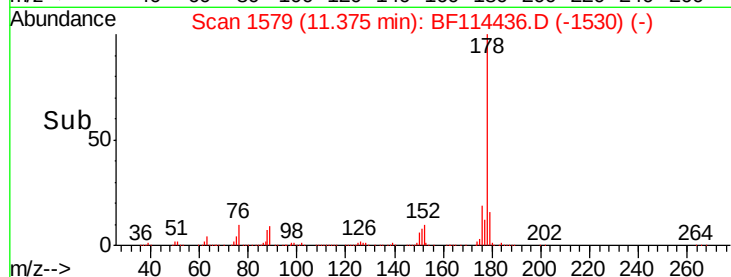
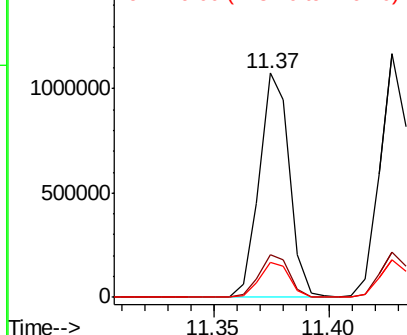
#71
Phenanthrene
Concen: 37.773 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 979937
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 15.7 13.2 19.8

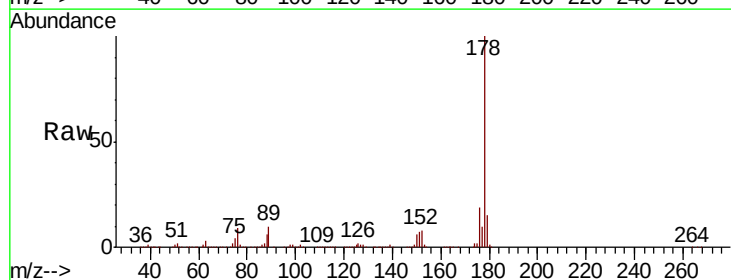


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

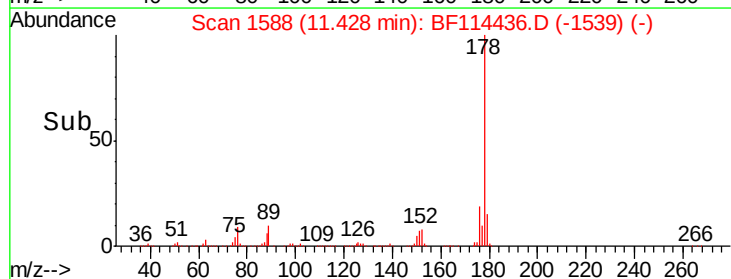
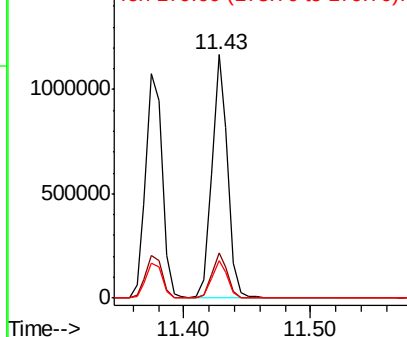


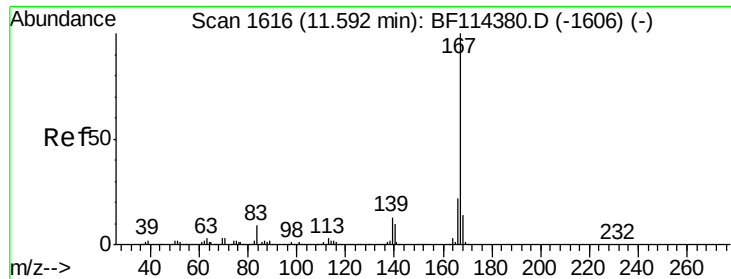
#72
Anthracene
Concen: 39.123 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:178 Resp: 1019432
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.4 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

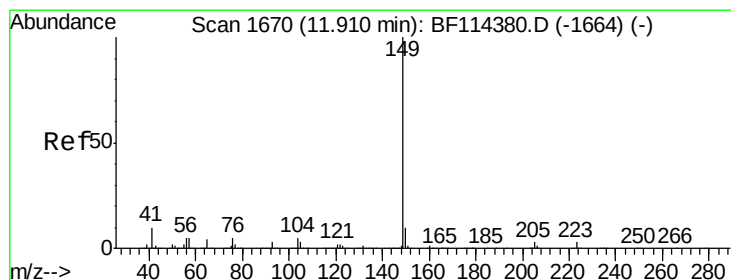
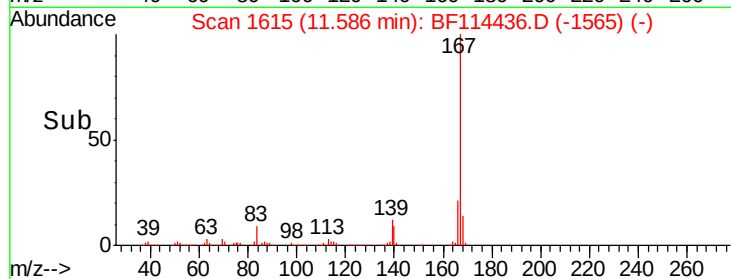
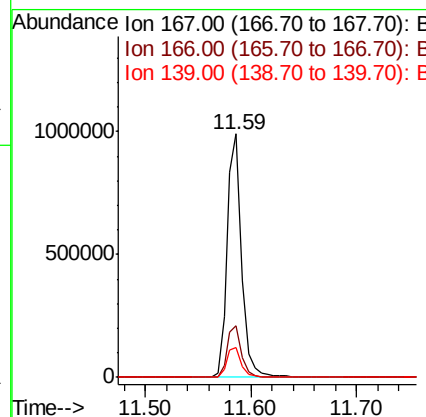
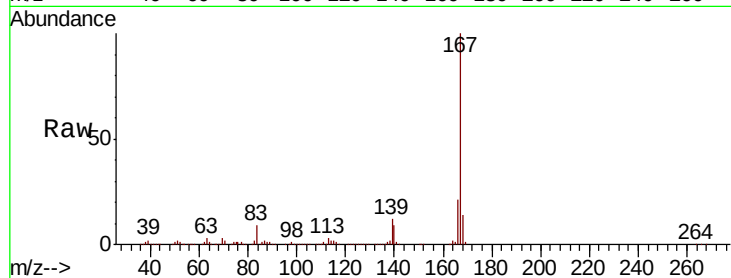




#73
 Carbazole
 Concen: 38.089 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

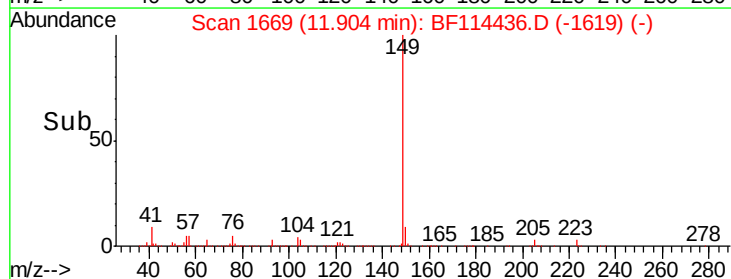
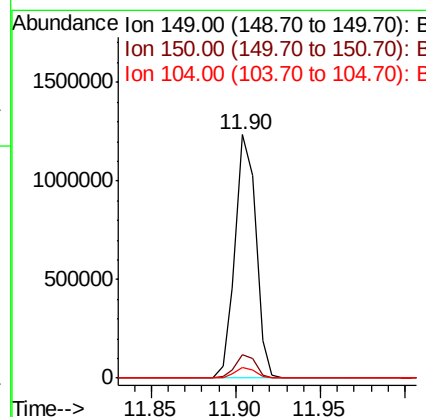
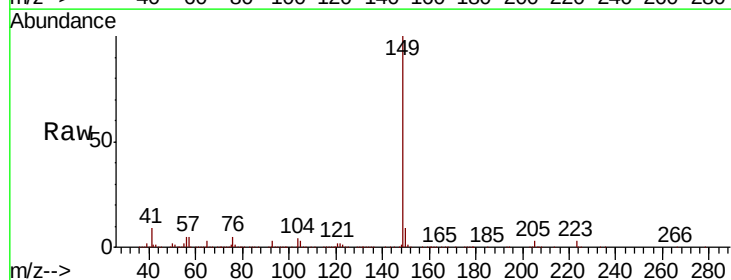
Instrument :
 BNA_F
 ClientSampleId :

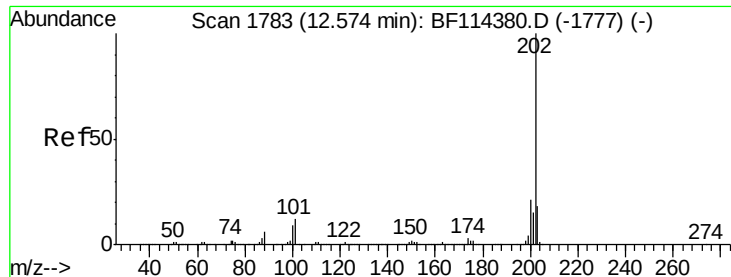
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 36.972 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF114436.D
 Acq: 20 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 33.725 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

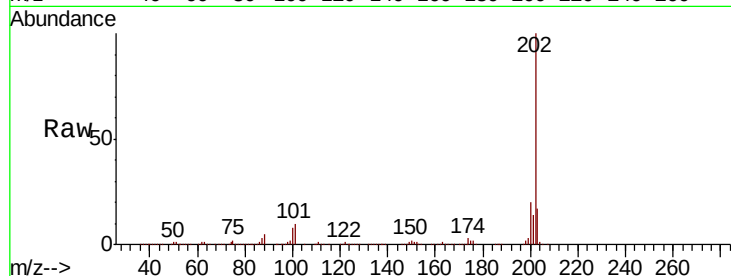
Tot Ion:202 Resp: 942183

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.0

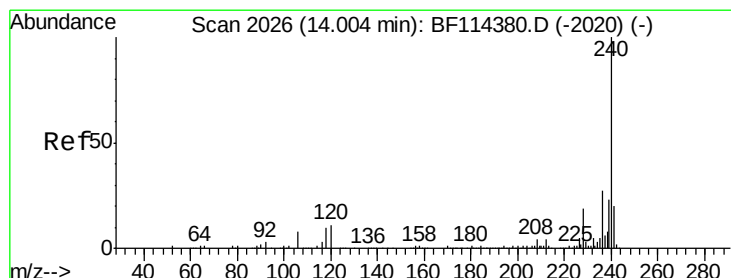
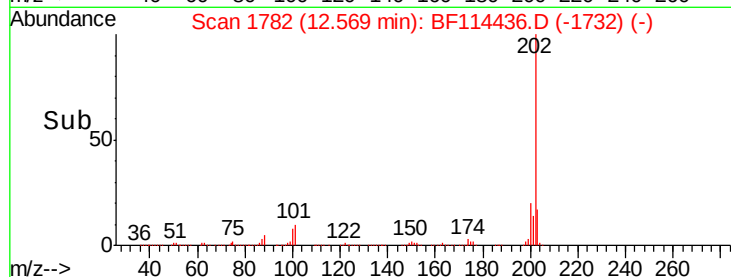
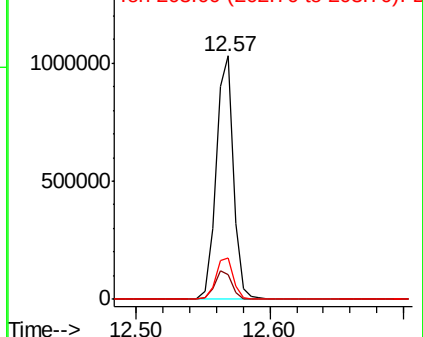
203 17.1 0.0 38.4



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: BF114436.D

Acq: 20 May 2019 14:05

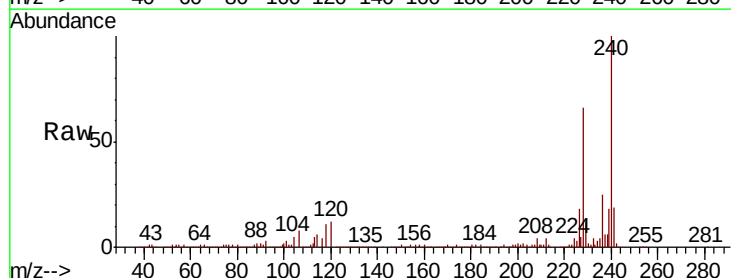
Tgt Ion:240 Resp: 380687

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

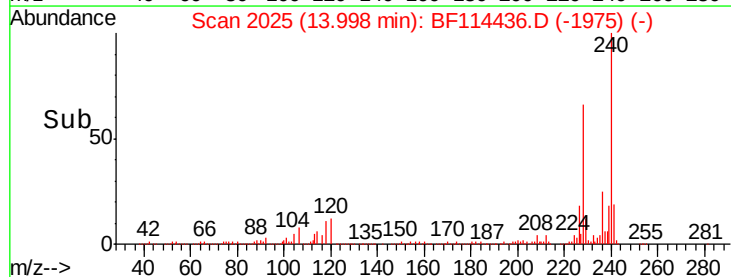
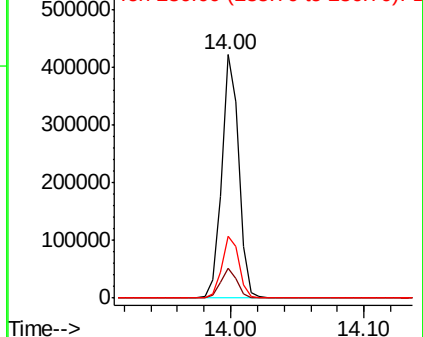
236 25.4 20.8 31.2

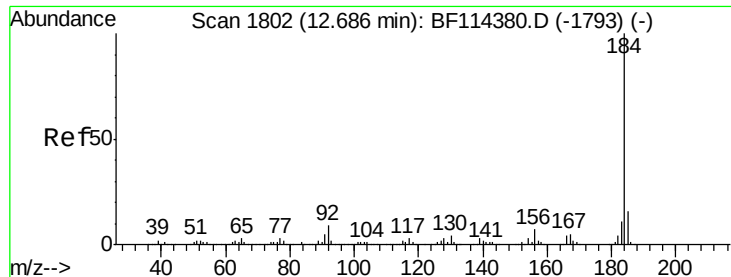


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.094 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

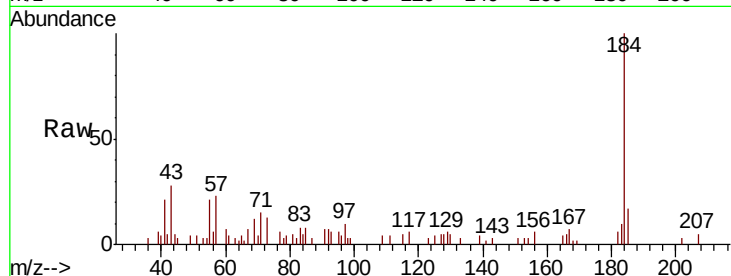
Tot Ion:184 Resp: 18695

Ion Ratio Lower Upper

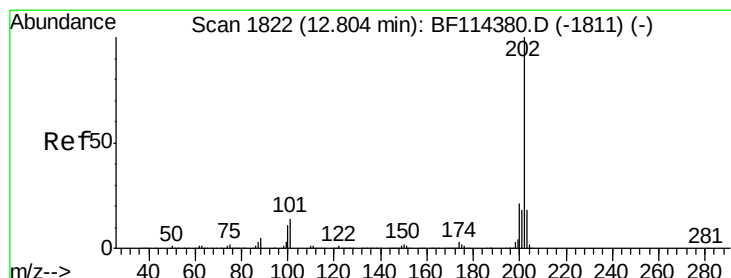
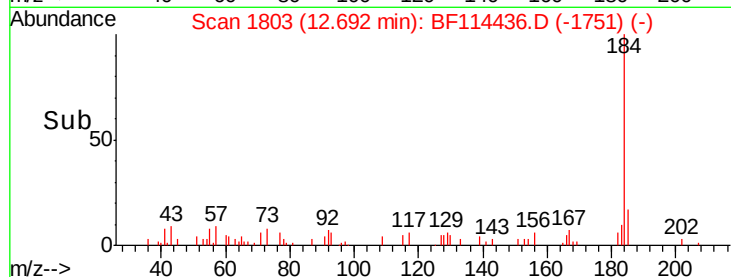
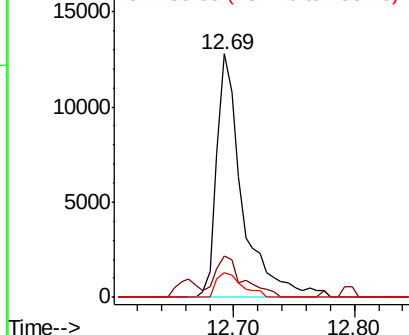
184 100

185 16.9 13.6 20.4

183 10.3 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: 31.472 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

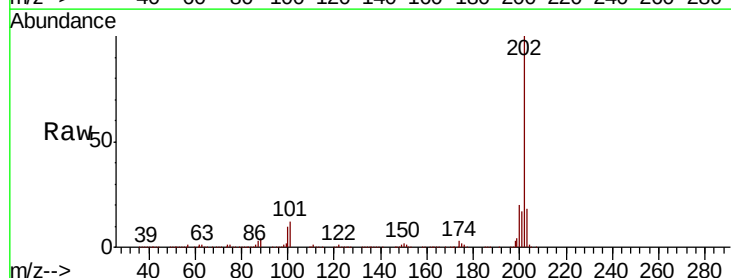
Tgt Ion:202 Resp: 963817

Ion Ratio Lower Upper

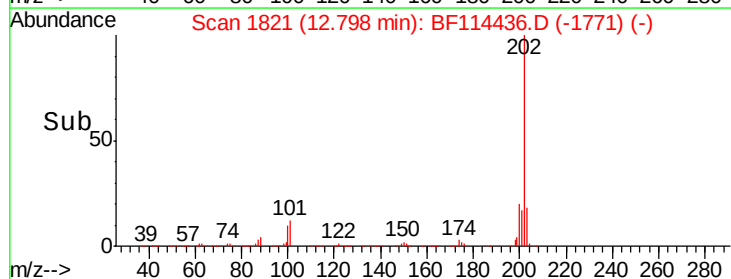
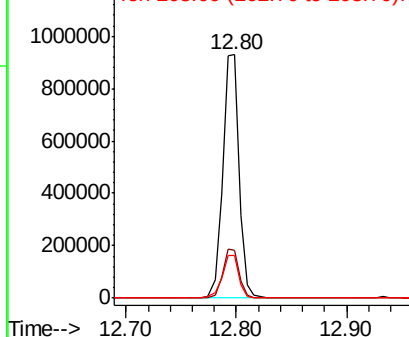
202 100

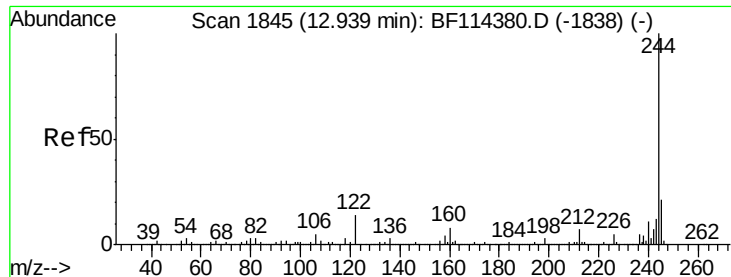
200 19.8 16.9 25.3

203 17.5 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: 61.467 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

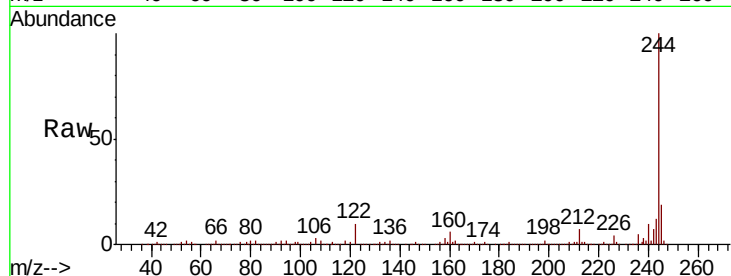
Tot Ion:244 Resp: 1135122

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

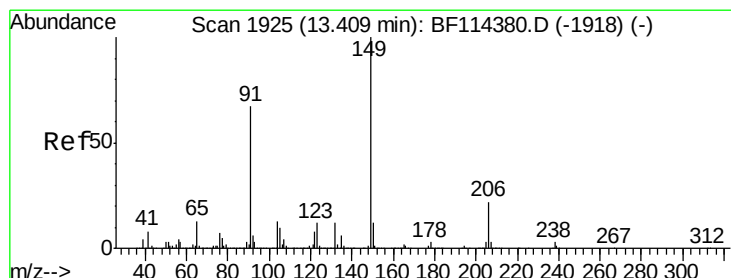
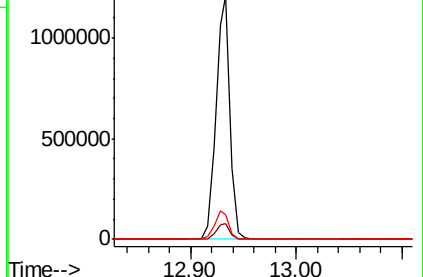
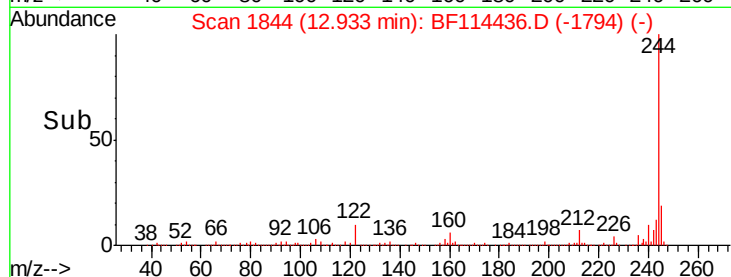
122 10.1 9.4 14.2



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: 30.840 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

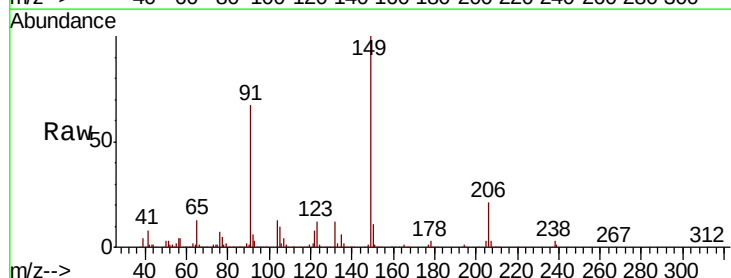
Tgt Ion:149 Resp: 397535

Ion Ratio Lower Upper

149 100

91 66.8 55.0 82.4

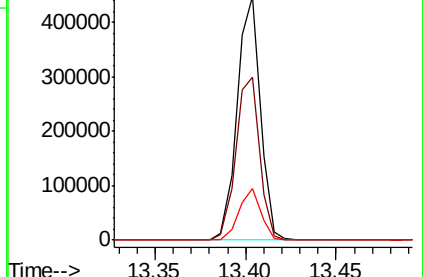
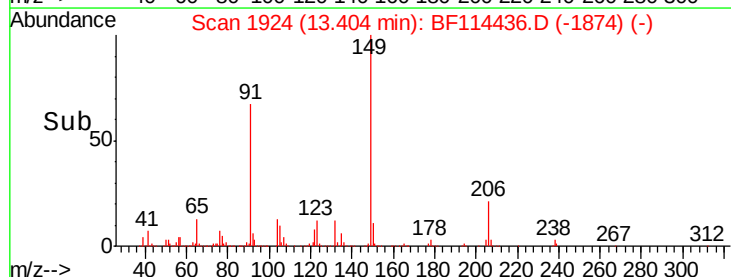
206 21.4 16.9 25.3

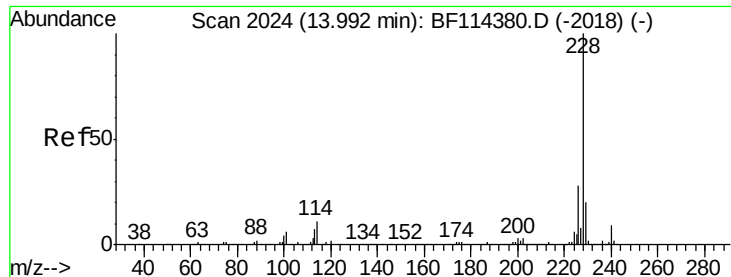


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.366 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

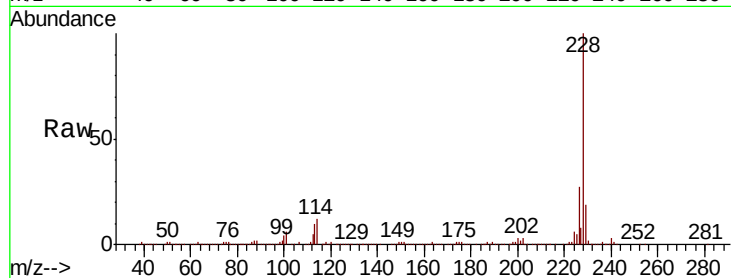
Tot Ion:228 Resp: 895429

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

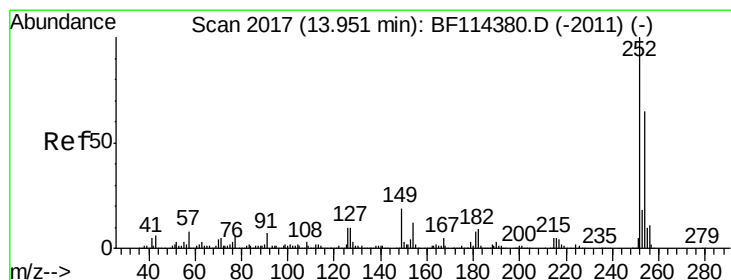
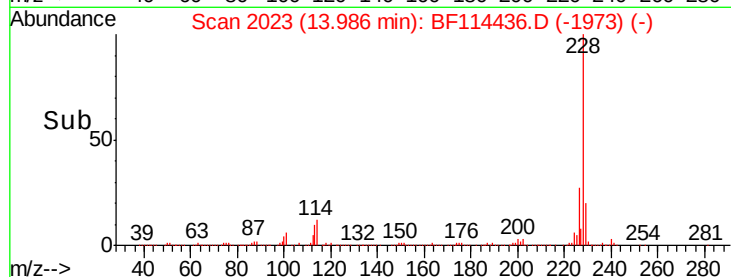
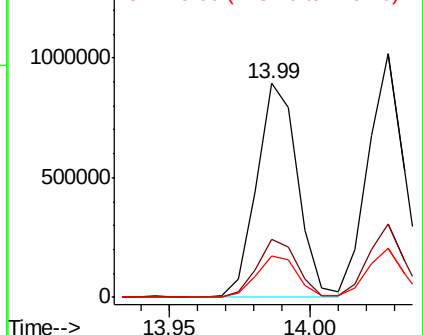
229 19.5 16.4 24.6



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: 29.442 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

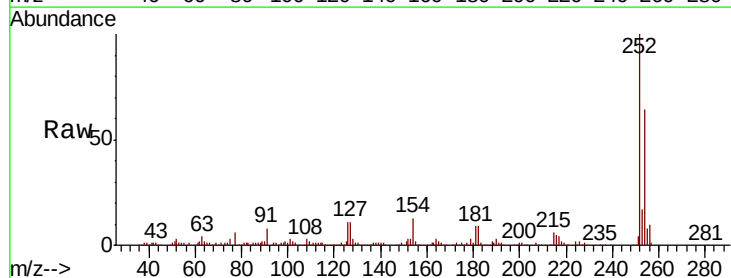
Tgt Ion:252 Resp: 281220

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

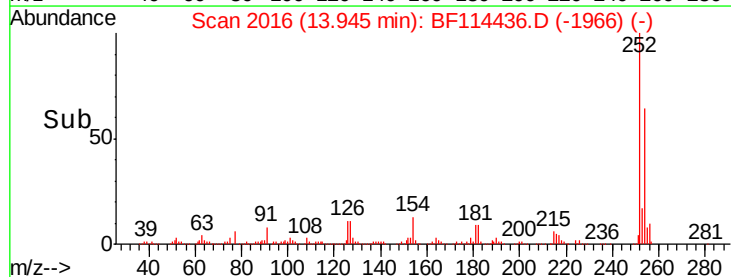
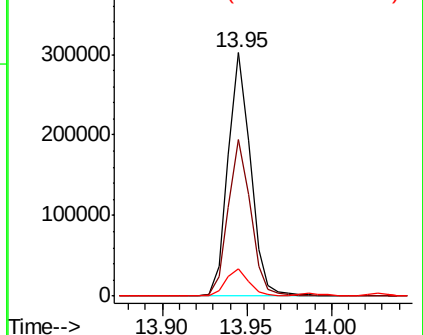
126 11.4 7.9 11.9

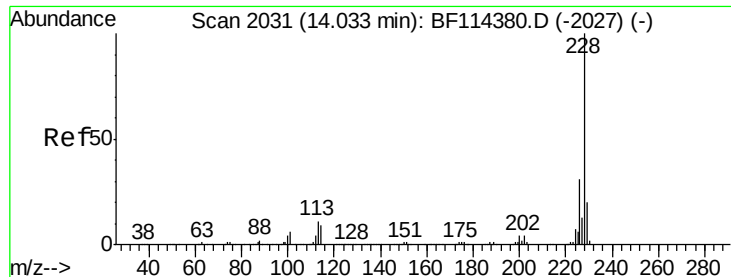


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.853 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampled :

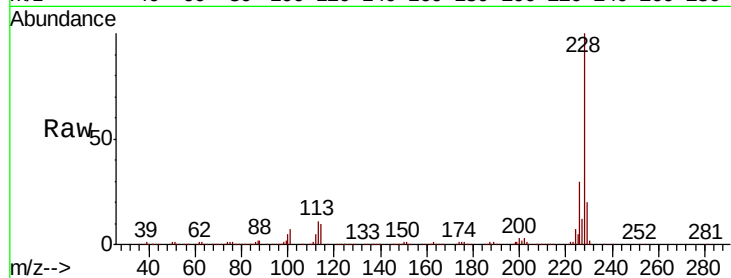
Tot Ion:228 Resp: 889527

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

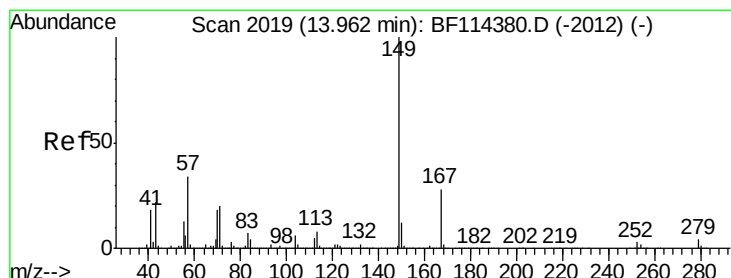
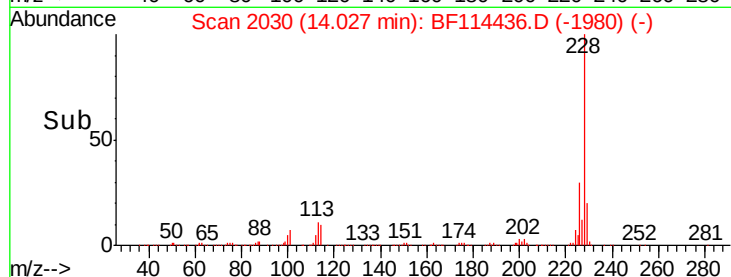
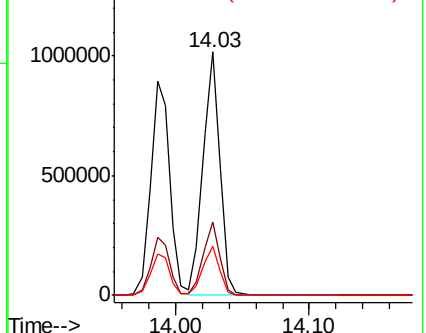
229 20.1 17.0 25.6



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: 31.987 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

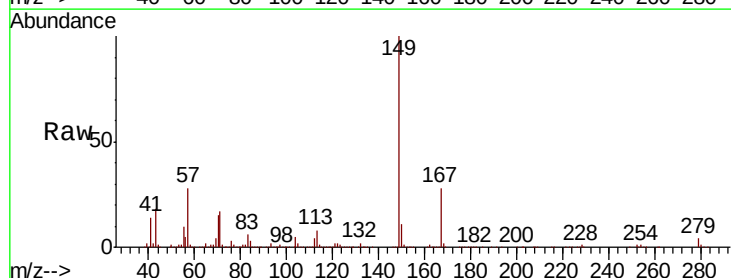
Tgt Ion:149 Resp: 539263

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

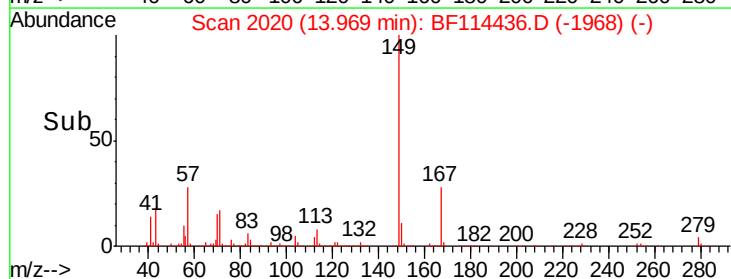
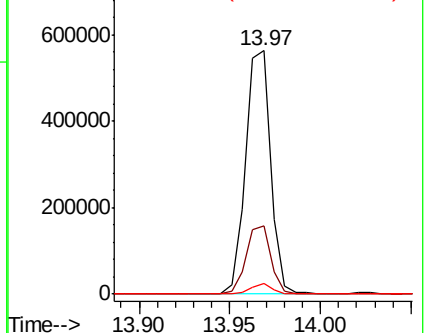
279 4.2 3.0 4.6

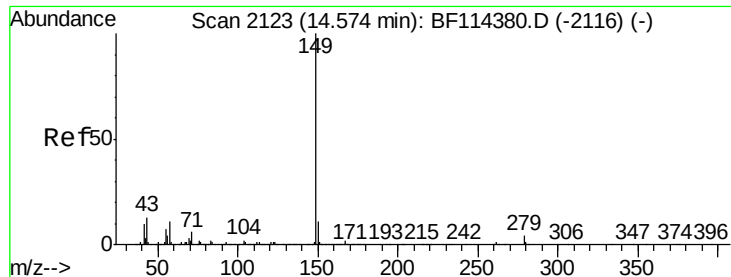


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.571 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.02 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

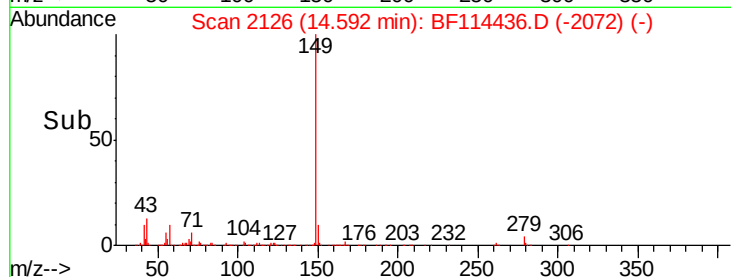
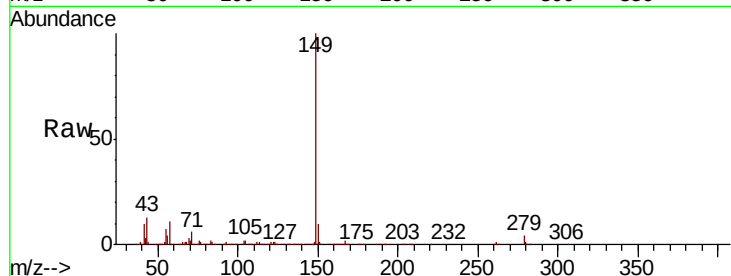
Tot Ion:149 Resp: 999439

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

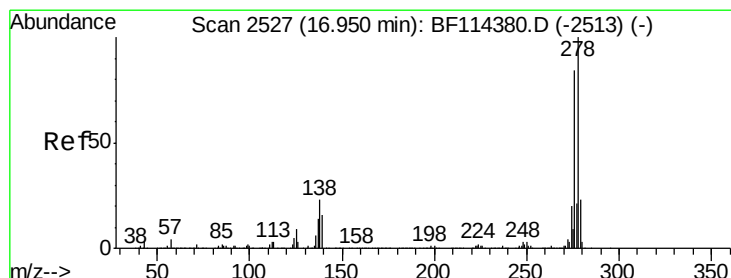
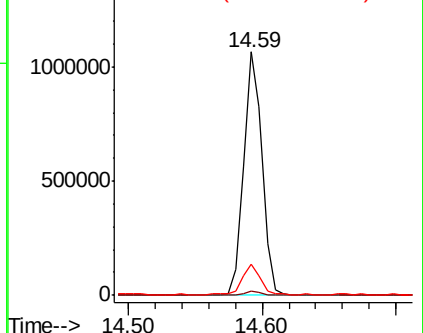
43 11.9 10.1 15.1



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: 53.124 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.02 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

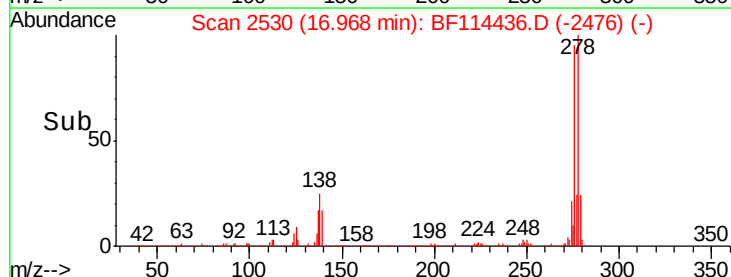
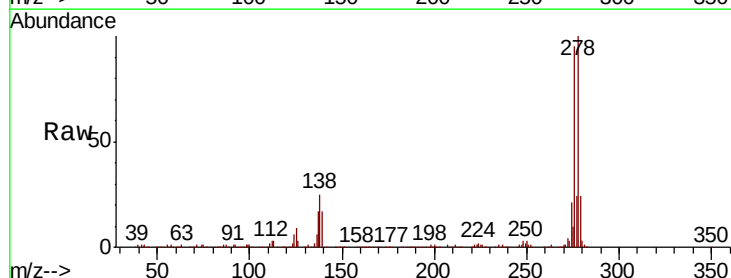
Tgt Ion:276 Resp: 1133245

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

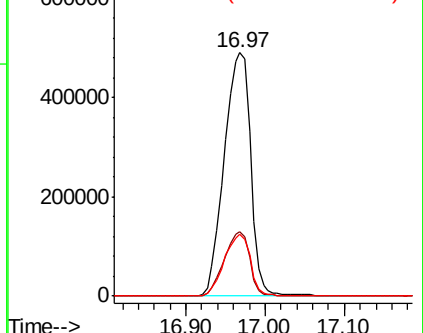
277 24.9 20.0 30.0

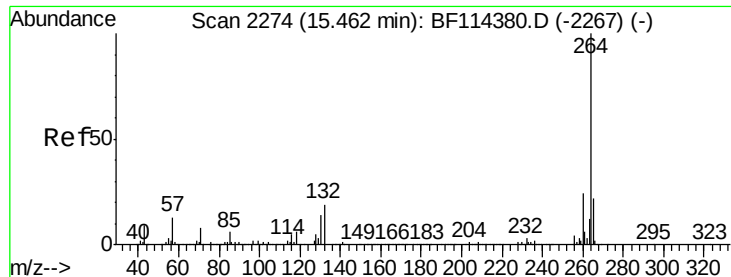


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

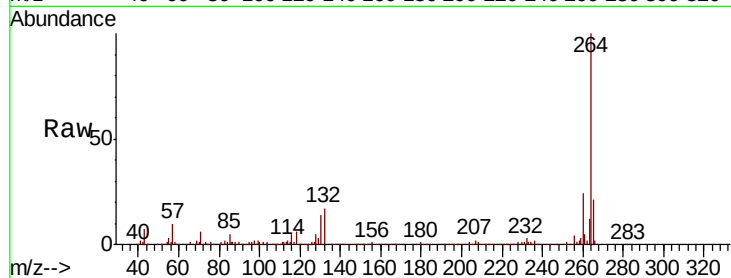




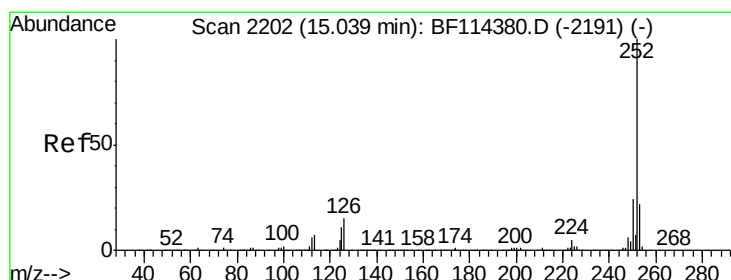
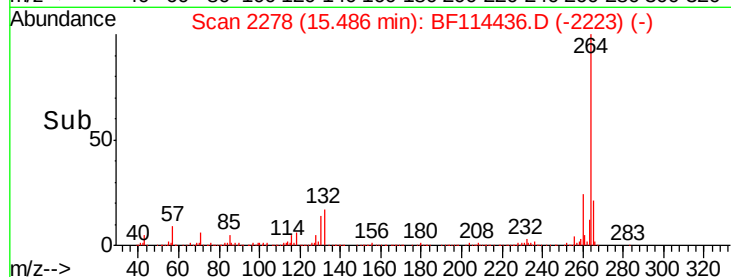
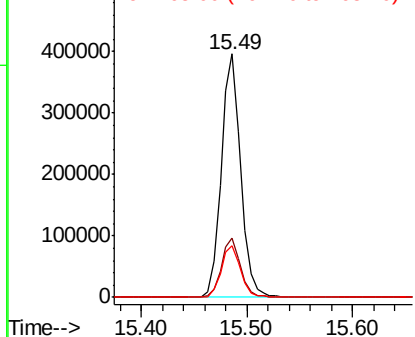
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 506004
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 21.4 16.9 25.3

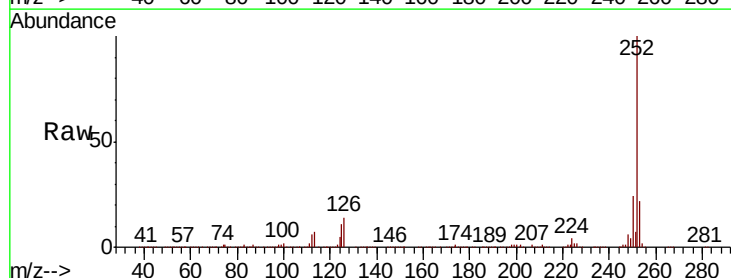


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

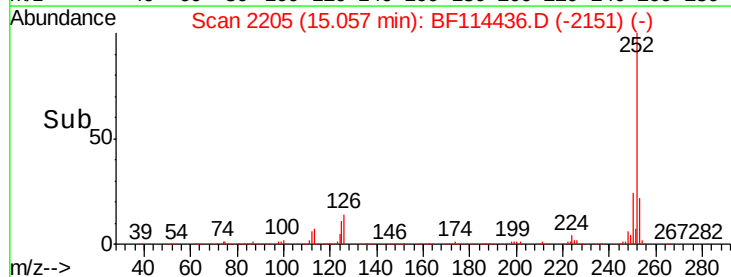
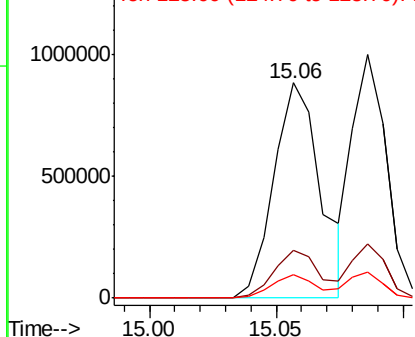


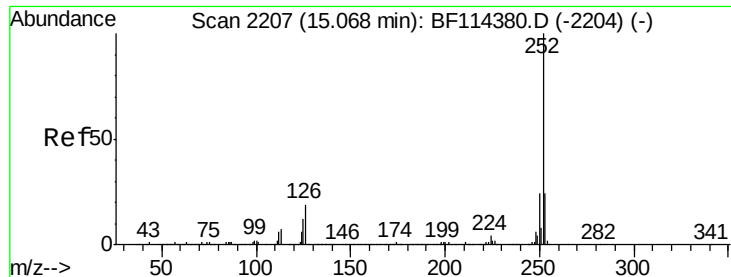
#88
Benzo(b)fluoranthene
Concen: 34.946 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:252 Resp: 1132862
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.8 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

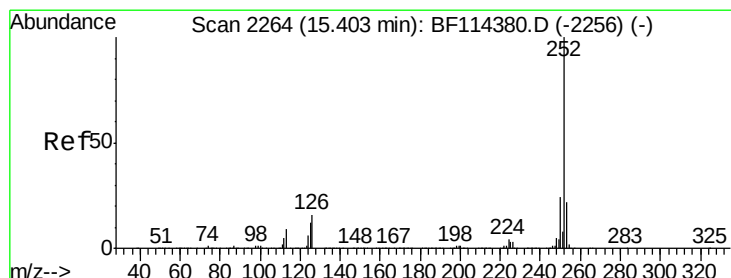
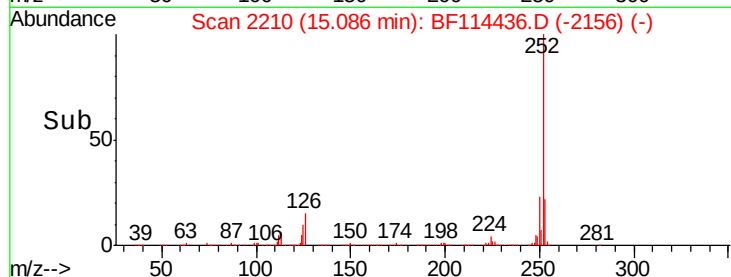
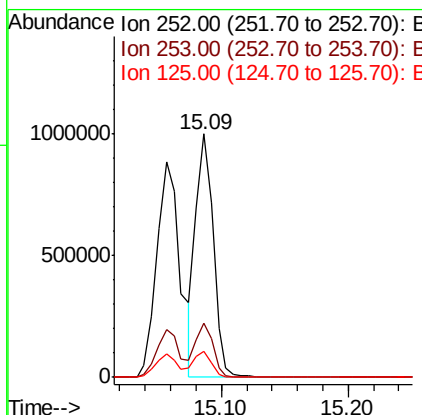
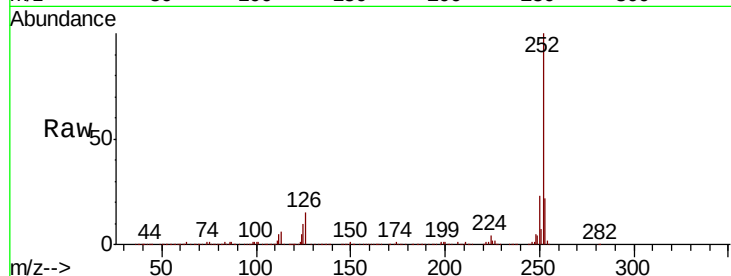




#89
Benzo(k)fluoranthene
Concen: 31.824 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

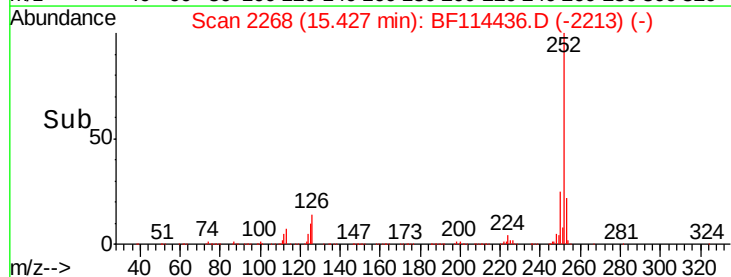
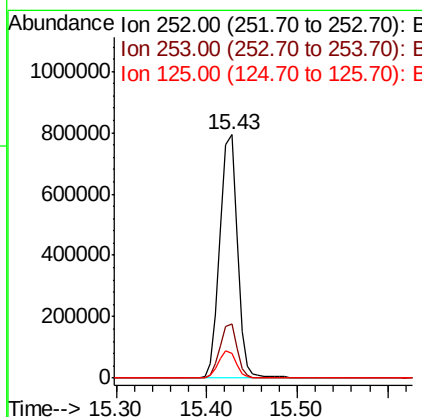
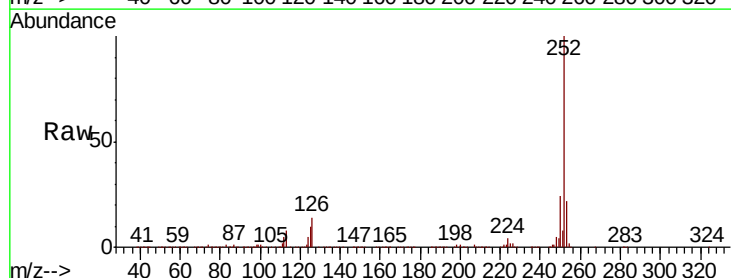
Instrument :
BNA_F
ClientSampleId :

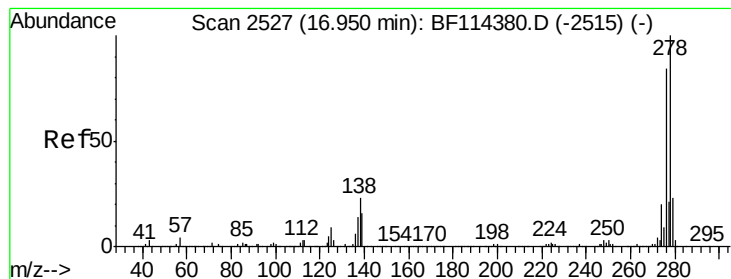
Tot Ion:252 Resp: 947664
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 37.202 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF114436.D
Acq: 20 May 2019 14:05

Tgt Ion:252 Resp: 1061387
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 40.332 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.02 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

Instrument :

BNA_F

ClientSampleId :

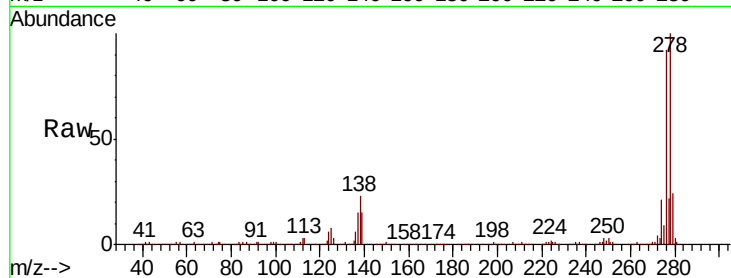
Tot Ion:278 Resp: 956153

Ion Ratio Lower Upper

278 100

139 15.0 13.5 20.3

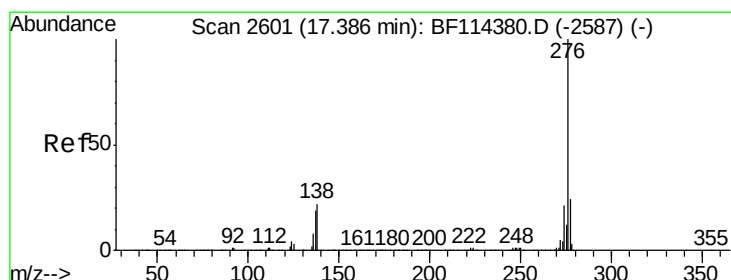
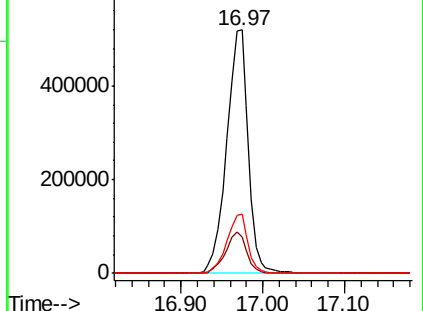
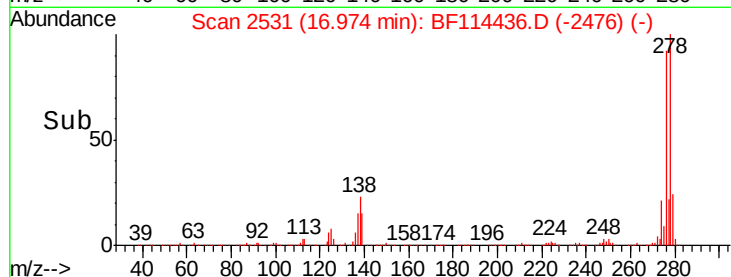
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.140 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.02 min

Lab File: BF114436.D

Acq: 20 May 2019 14:05

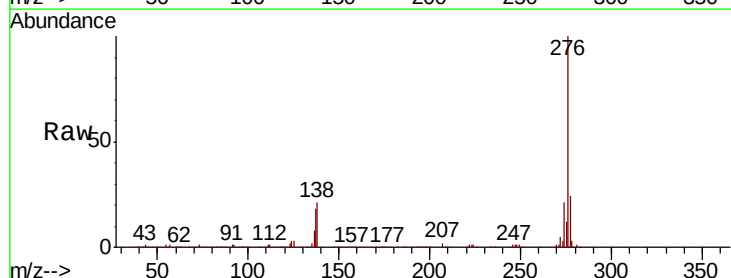
Tgt Ion:276 Resp: 929902

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.5 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

