

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114133.D
 Acq On : 10 May 2019 21:01
 Operator : JU/SJ
 Sample : K2762-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Quant Time: May 11 04:02:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	367931	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1309695	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	533371	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	933656	20.00	ng	0.00
76) Chrysene-d12	14.02	240	671334	20.00	ng	0.00
87) Perylene-d12	15.50	264	588611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1988511	86.97	ng	0.00
7) Phenol-d6	6.50	99	2564888	94.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1552428	66.52	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	470273	85.28	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2131405	60.45	ng	0.00
79) Terphenyl-d14	12.95	244	1863029	57.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	327455	26.057	ng	100
3) Pyridine	3.41	79	852923	24.633	ng	97
4) n-Nitrosodimethylamine	3.35	42	486542	29.140	ng	96
6) Aniline	6.52	93	359436	9.202	ng	# 35
8) 2-Chlorophenol	6.65	128	807913	33.100	ng	95
9) Benzaldehyde	6.40	77	365896	19.328	ng	98
10) Phenol	6.51	94	983909	30.930	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	873804	36.182	ng	99
12) 1,3-Dichlorobenzene	6.80	146	833224	30.412	ng	100
13) 1,4-Dichlorobenzene	6.87	146	843087	30.537	ng	96
14) 1,2-Dichlorobenzene	7.03	146	789811	31.313	ng	99
15) Benzyl Alcohol	7.00	79	693605	32.887	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1459810	31.175	ng	98
17) 2-Methylphenol	7.11	107	637387	31.790	ng	100
18) Hexachloroethane	7.37	117	256803	24.780	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	544805	31.786	ng	97
20) 3+4-Methylphenols	7.26	107	756041	32.637	ng	97
22) Acetophenone	7.26	105	1051087	36.227	ng	# 97
24) Nitrobenzene	7.43	77	837117	35.218	ng	98
25) Isophorone	7.67	82	1455709	33.634	ng	99
26) 2-Nitrophenol	7.75	139	397900	34.504	ng	98
27) 2,4-Dimethylphenol	7.79	122	670550	37.022	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	957807	34.107	ng	99
29) 2,4-Dichlorophenol	8.00	162	598859	33.205	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	667869	32.566	ng	99
31) Naphthalene	8.16	128	2101149	34.345	ng	100
32) Benzoic acid	7.90	122	294672	26.501	ng	97
33) 4-Chloroaniline	8.20	127	231444	8.302	ng	97
34) Hexachlorobutadiene	8.28	225	365365	31.311	ng	99
35) Caprolactam	8.56	113	199076	33.852	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	598386	32.962	ng	97
37) 2-Methylnaphthalene	8.85	142	1367156	34.636	ng	97
38) 1-Methylnaphthalene	8.95	142	1261180	33.929	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609748	37.739	ng	98

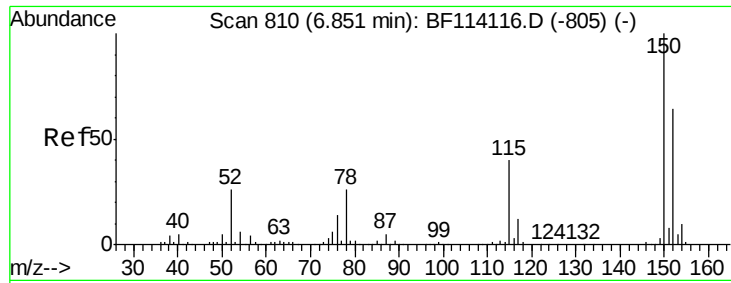
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114133.D
 Acq On : 10 May 2019 21:01
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 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	67026	12.747	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	397539	35.772	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	395747	34.723	ng	97
46) 1,1'-Biphenyl	9.31	154	1575538	36.565	ng	98
47) 2-Chloronaphthalene	9.33	162	1180727	34.049	ng	99
48) 2-Nitroaniline	9.43	65	422796	34.378	ng	99
49) Acenaphthylene	9.75	152	1803258	34.190	ng	99
50) Dimethylphthalate	9.61	163	1765954	45.102	ng	99
51) 2,6-Dinitrotoluene	9.67	165	282334	32.510	ng	93
52) Acenaphthene	9.92	154	1086188	33.560	ng	98
53) 3-Nitroaniline	9.83	138	242731	22.516	ng	99
54) 2,4-Dinitrophenol	9.95	184	56231	18.536	ng	95
55) Dibenzofuran	10.09	168	1568224	33.044	ng	97
56) 4-Nitrophenol	10.00	139	461324	60.511	ng	95
57) 2,4-Dinitrotoluene	10.07	165	346159	29.367	ng	94
58) Fluorene	10.43	166	1157217	31.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	315007	32.033	ng	100
60) Diethylphthalate	10.30	149	1294440	32.537	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	575422	31.960	ng	96
62) 4-Nitroaniline	10.45	138	282680	24.954	ng	96
63) Azobenzene	10.59	77	1189439	30.888	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	39124	8.721	ng	88
66) n-Nitrosodiphenylamine	10.55	169	1064406	37.563	ng	97
67) 4-Bromophenyl-phenylether	10.92	248	352527	34.293	ng	97
68) Hexachlorobenzene	10.99	284	375688	33.035	ng	99
69) Atrazine	11.07	200	288408	32.706	ng	97
70) Pentachlorophenol	11.18	266	384760	71.371	ng	99
71) Phenanthrene	11.40	178	1617775	35.615	ng	99
72) Anthracene	11.45	178	1636503	35.869	ng	98
73) Carbazole	11.60	167	1538824	35.370	ng	99
74) Di-n-butylphthalate	11.93	149	1805853	36.028	ng	99
75) Fluoranthene	12.59	202	1833184	37.477	ng	99
77) Benzidine	12.70	184	9976	0.331	ng	# 51
78) Pyrene	12.81	202	1904108	35.258	ng	99
80) Butylbenzylphthalate	13.43	149	803496	35.347	ng	99
81) Benzo(a)anthracene	14.00	228	1462675	33.685	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	266452	15.818	ng	99
83) Chrysene	14.04	228	1482346	34.825	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1051774	35.378	ng	100
85) Di-n-octyl phthalate	14.62	149	1787102	37.082	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1158426	30.794	ng	98
88) Benzo(b)fluoranthene	15.07	252	1306035	34.634	ng	99
89) Benzo(k)fluoranthene	15.10	252	1238819	35.762	ng	100
90) Benzo(a)pyrene	15.44	252	1167094	35.166	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	966741	35.055	ng	99
92) Benzo(g,h,i)perylene	17.42	276	964512	34.900	ng	99

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

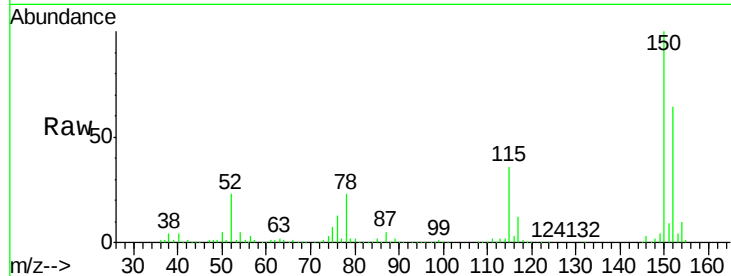


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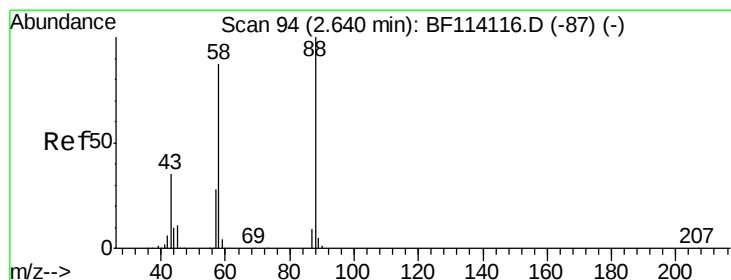
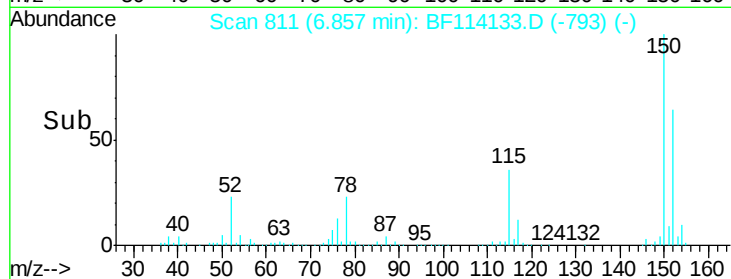
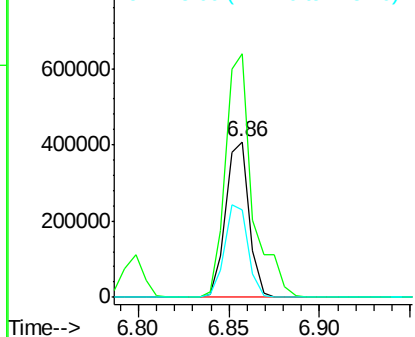
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion: 152 Resp: 367931
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 55.8 49.1 73.7



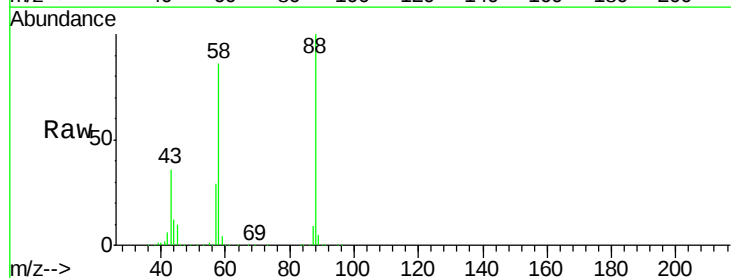
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



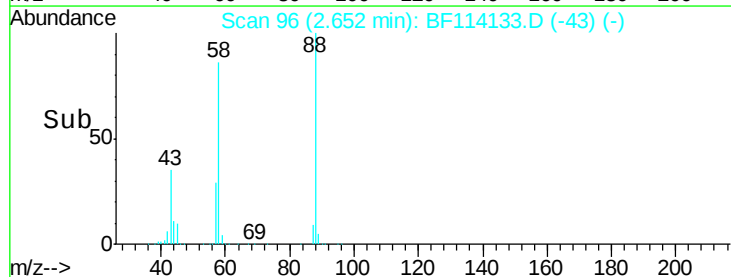
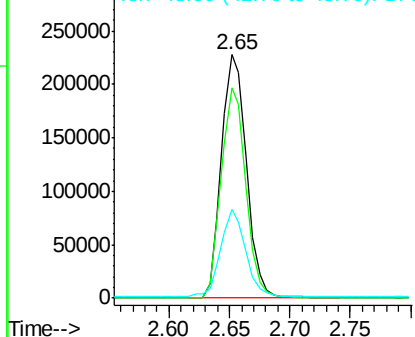
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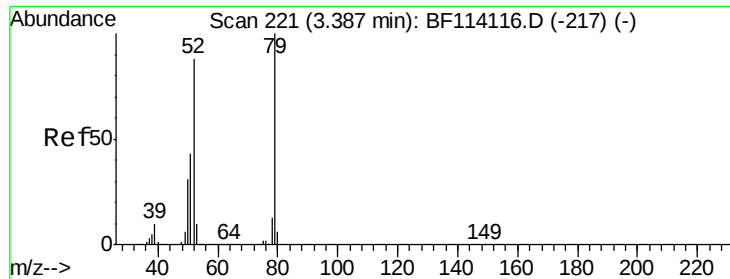
1,4-Dioxane
Concen: 26.057 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion: 88 Resp: 327455
Ion Ratio Lower Upper
88 100
58 85.7 68.7 103.1
43 35.3 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

Pyridine

Concen: 24.633 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

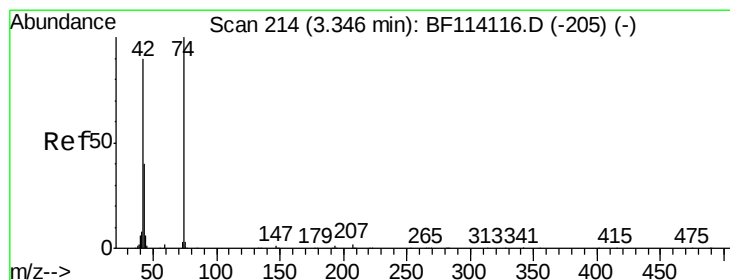
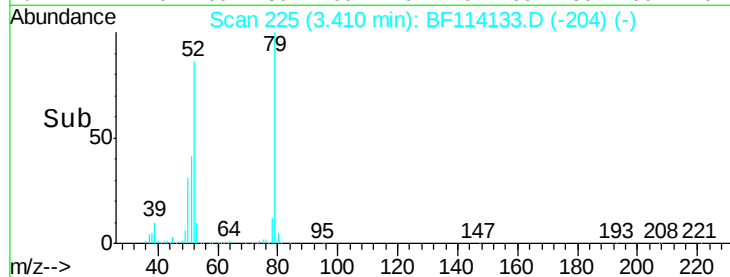
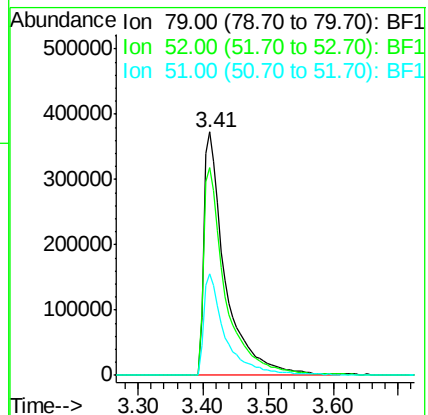
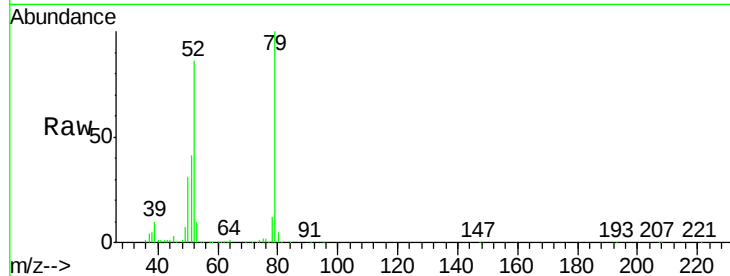
Tgt Ion: 79 Resp: 852923

Ion Ratio Lower Upper

79 100

52 85.6 70.6 105.8

51 41.5 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 29.140 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

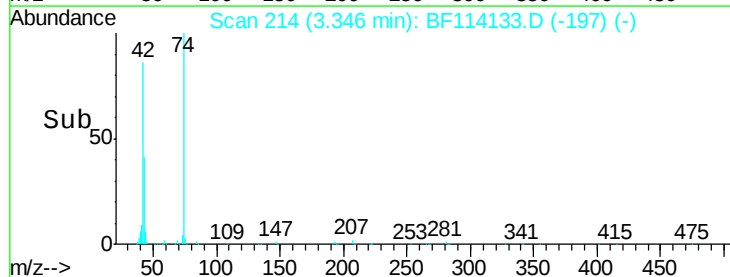
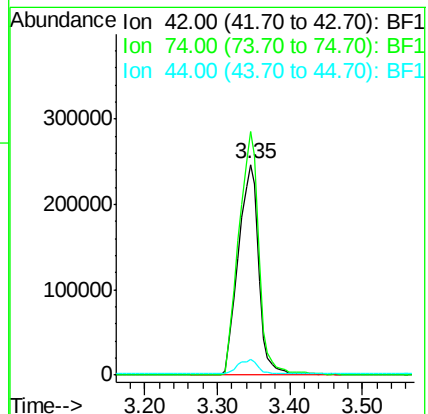
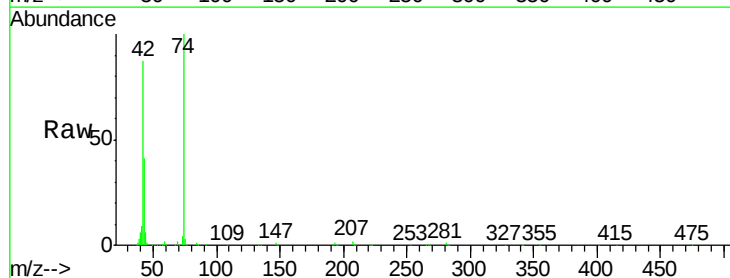
Tgt Ion: 42 Resp: 486542

Ion Ratio Lower Upper

42 100

74 115.5 88.6 132.8

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 86.974 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

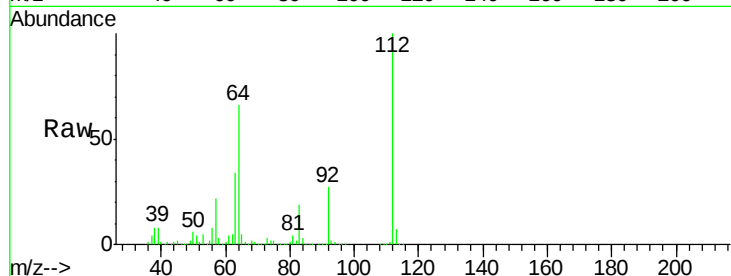
Tgt Ion: 112 Resp: 1988511

Ion Ratio Lower Upper

112 100

64 66.0 49.0 73.6

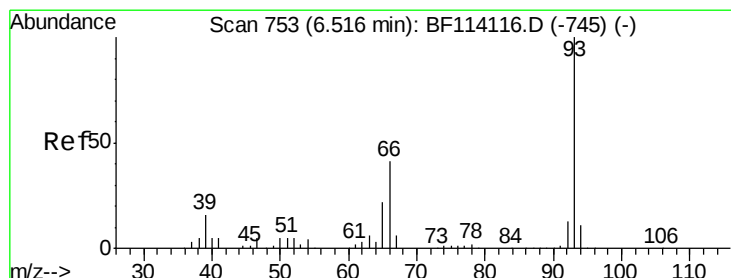
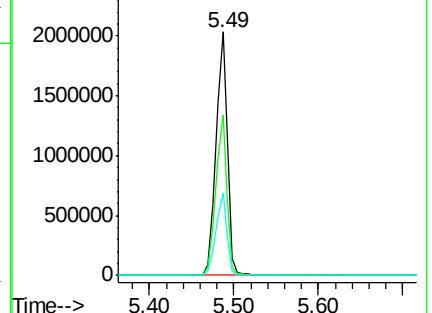
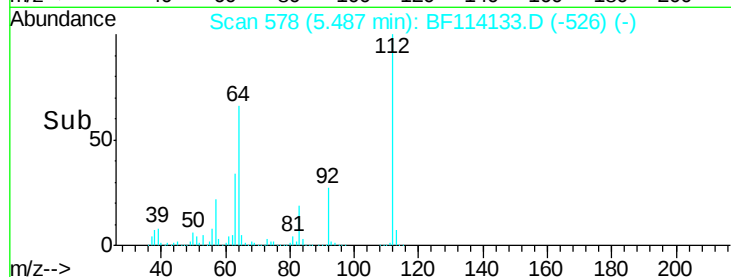
63 33.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.202 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

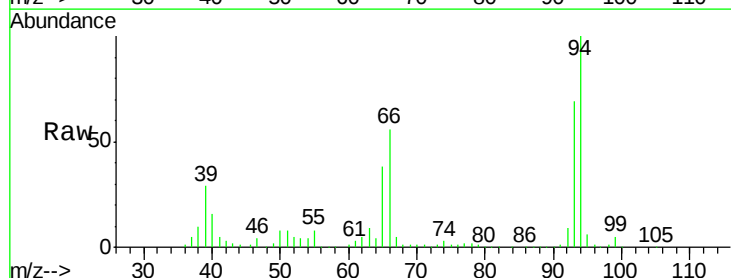
Tgt Ion: 93 Resp: 359436

Ion Ratio Lower Upper

93 100

66 81.4 33.2 49.8#

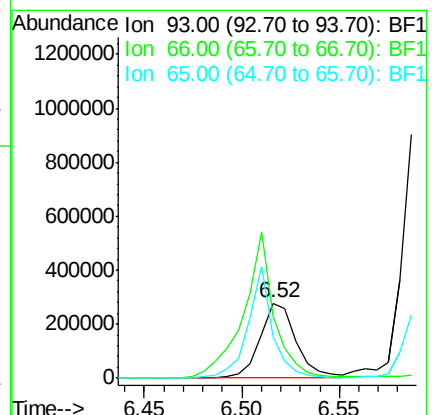
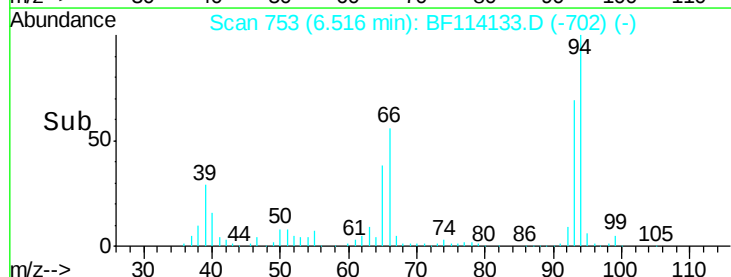
65 54.3 17.6 26.4#

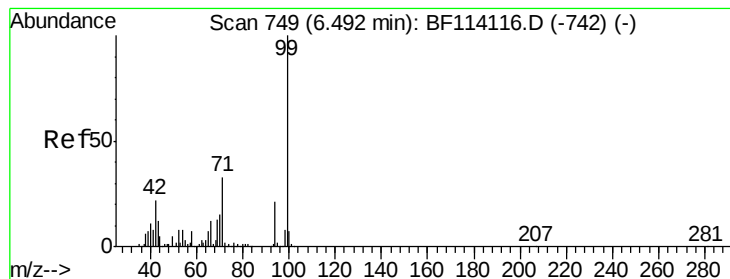


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.851 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

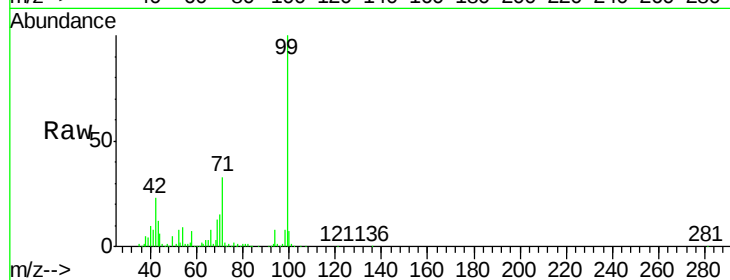
Tgt Ion: 99 Resp: 2564888

Ion Ratio Lower Upper

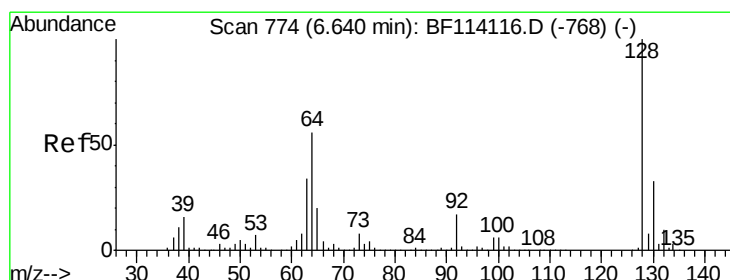
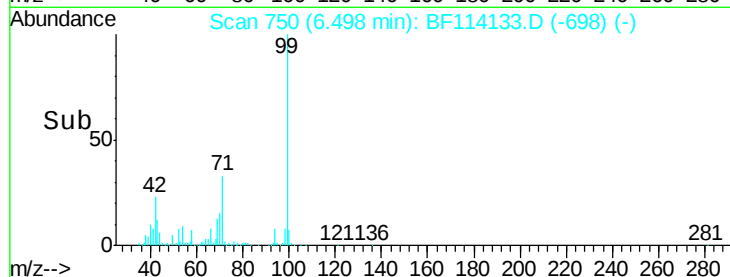
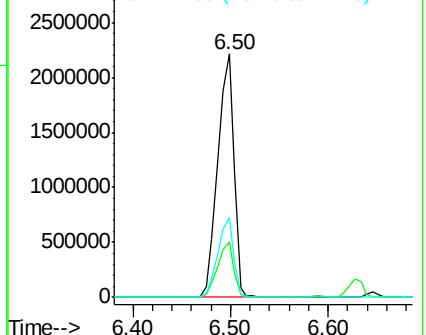
99 100

42 22.8 17.9 26.9

71 32.6 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: 33.100 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

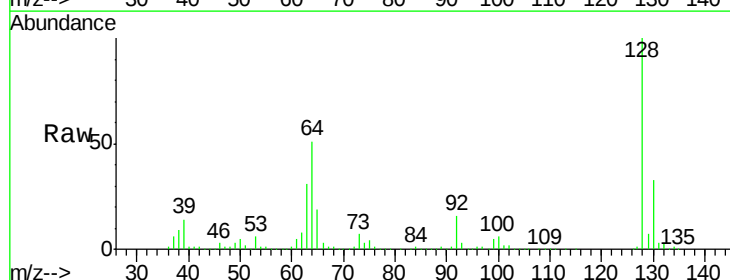
Tgt Ion: 128 Resp: 807913

Ion Ratio Lower Upper

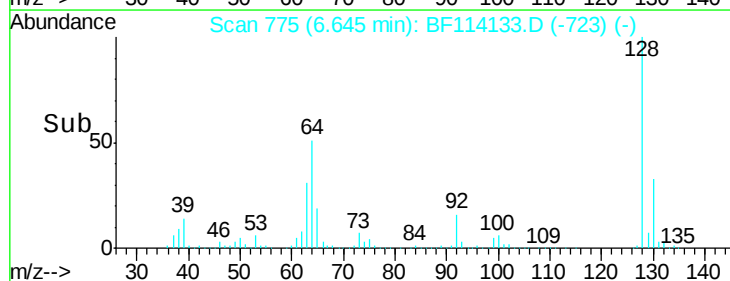
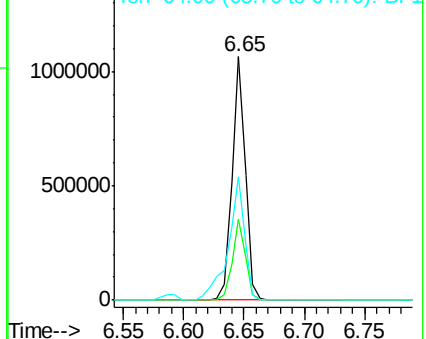
128 100

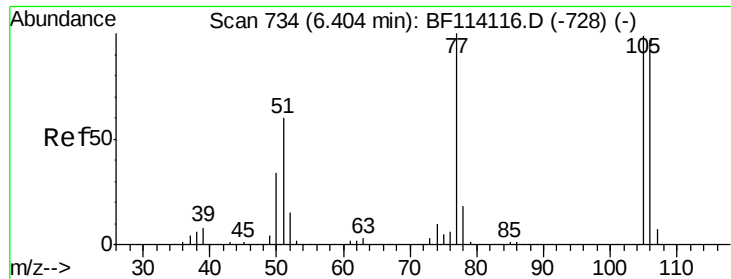
130 33.4 12.6 52.6

64 50.8 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: 19.328 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

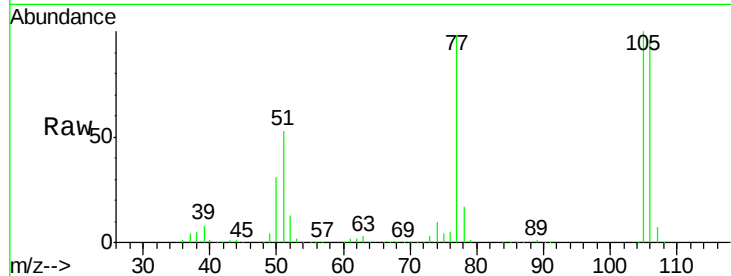
Tgt Ion: 77 Resp: 365896

Ion Ratio Lower Upper

77 100

105 102.0 79.3 119.3

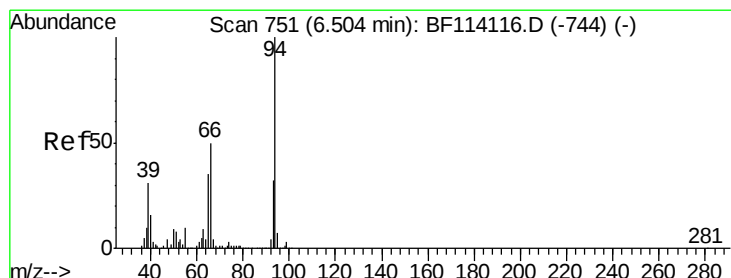
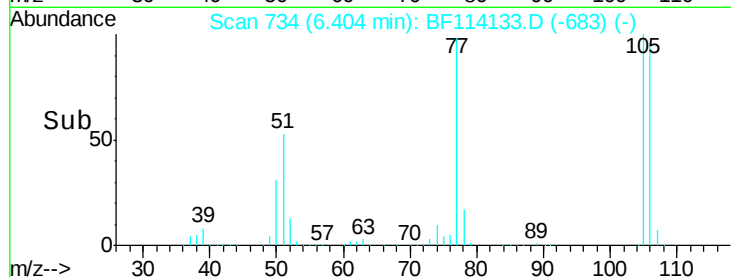
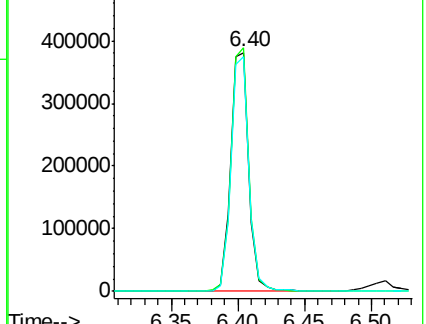
106 98.1 77.0 117.0



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: 30.930 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

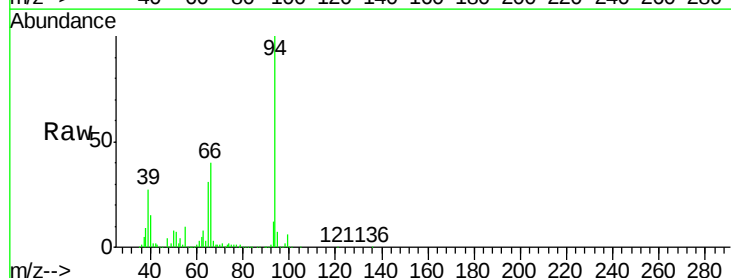
Tgt Ion: 94 Resp: 983909

Ion Ratio Lower Upper

94 100

65 30.6 14.7 54.7

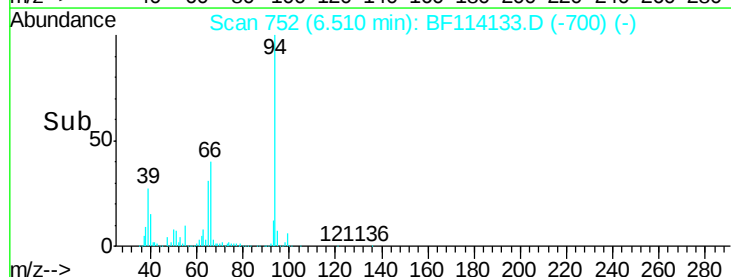
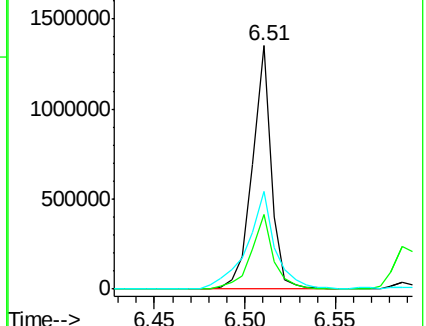
66 40.3 29.6 69.6

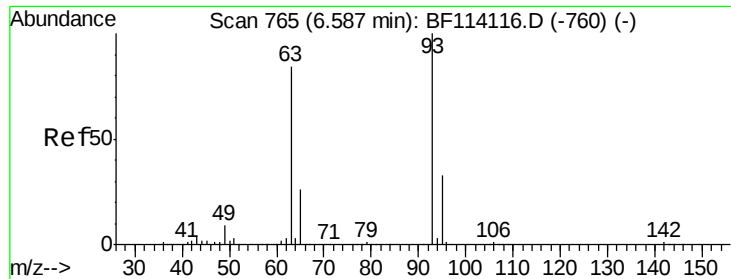


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.182 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

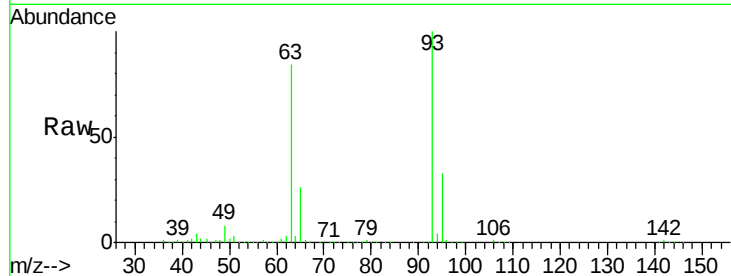
Tgt Ion: 93 Resp: 873804

Ion Ratio Lower Upper

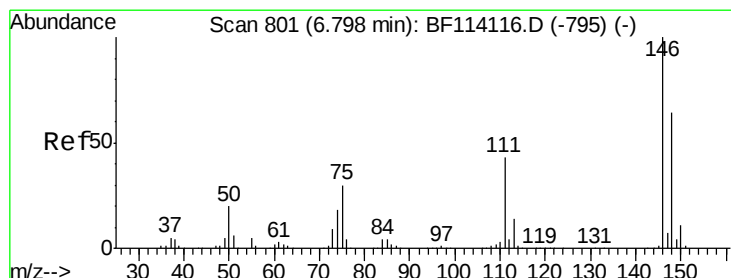
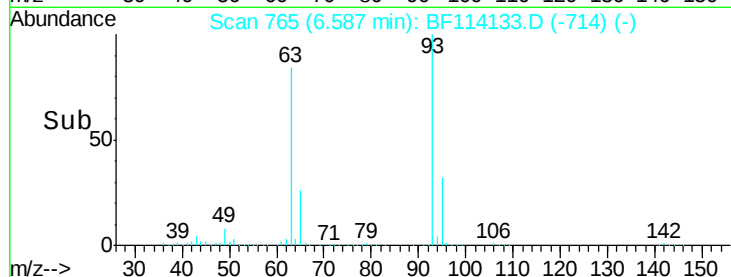
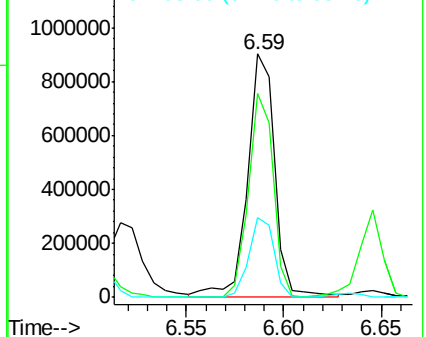
93 100

63 83.9 63.6 103.6

95 32.5 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.412 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

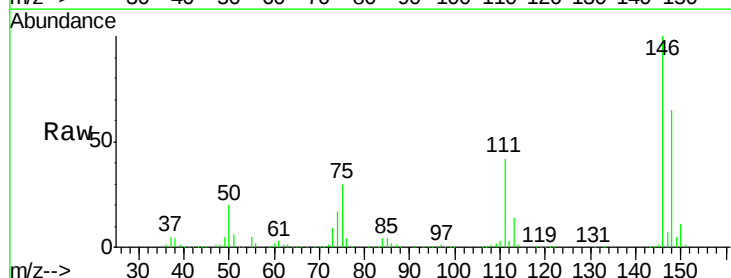
Tgt Ion: 146 Resp: 833224

Ion Ratio Lower Upper

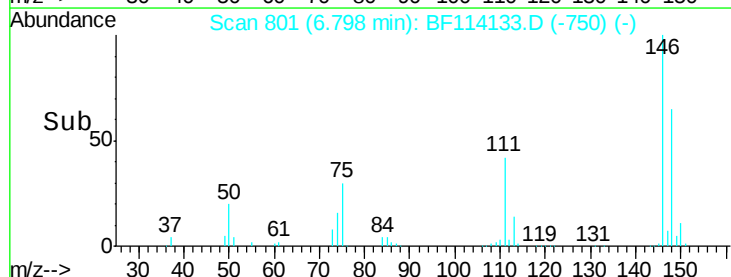
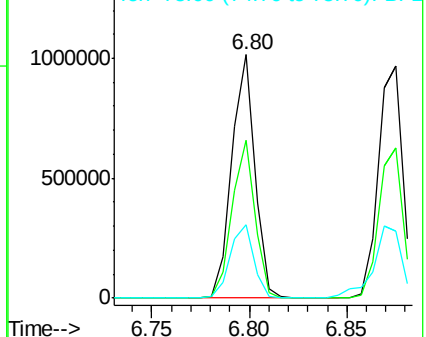
146 100

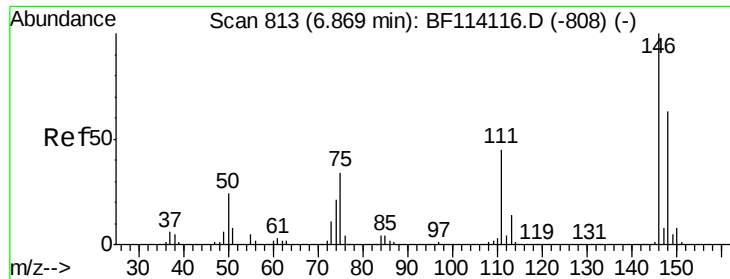
148 64.7 51.6 77.4

75 30.4 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

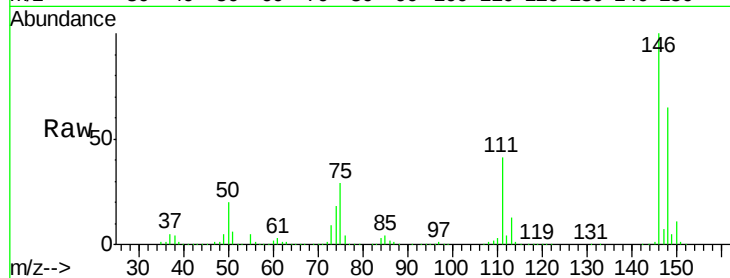




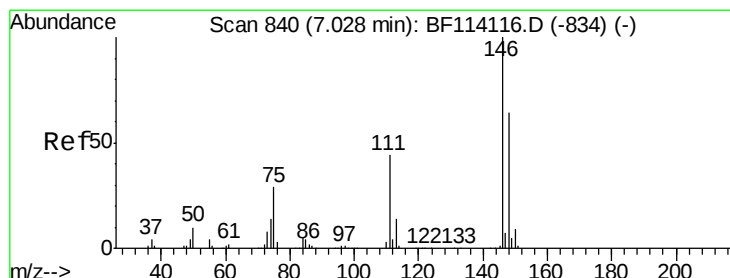
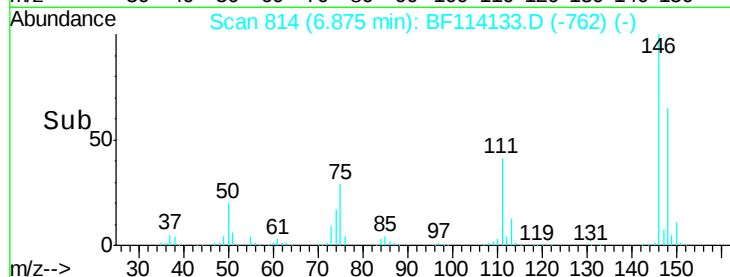
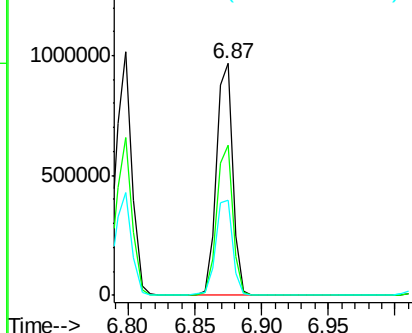
#13
 1,4-Dichlorobenzene
 Concen: 30.537 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Tgt Ion:146 Resp: 843087
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.2 75.2
 111 41.0 35.8 53.6

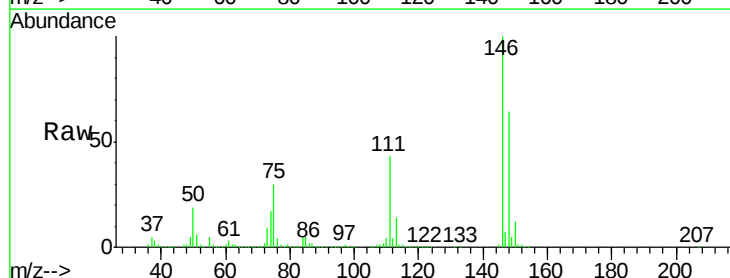


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

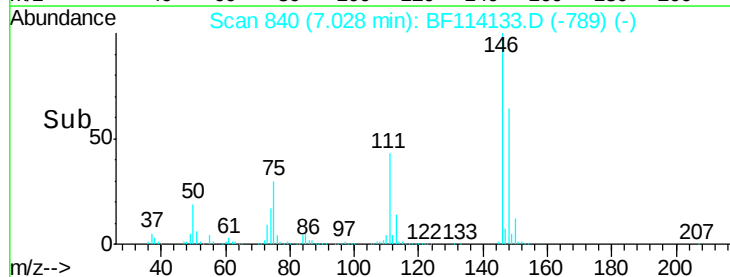
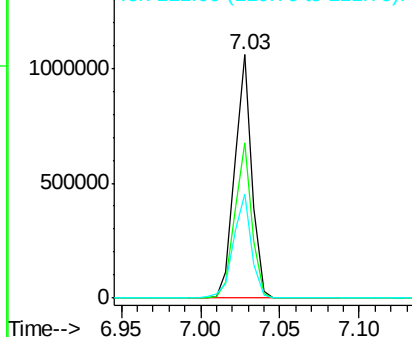


#14
 1,2-Dichlorobenzene
 Concen: 31.313 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:146 Resp: 789811
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 42.9 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.887 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

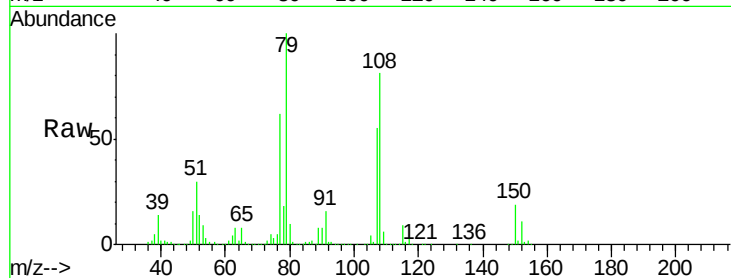
Tgt Ion: 79 Resp: 693605

Ion Ratio Lower Upper

79 100

108 81.0 62.1 93.1

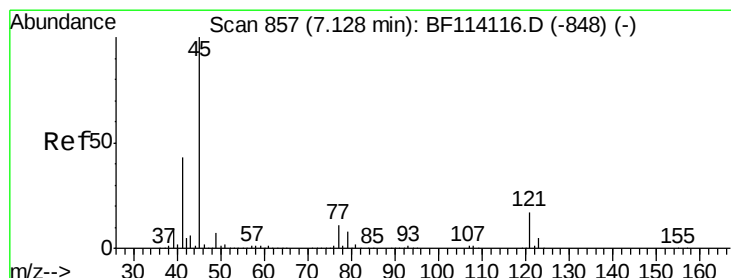
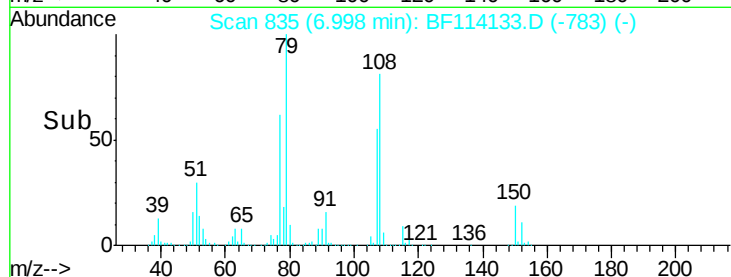
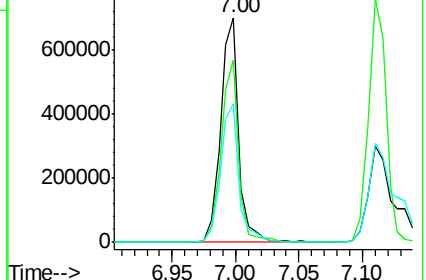
77 61.5 51.0 76.6



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: 31.175 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

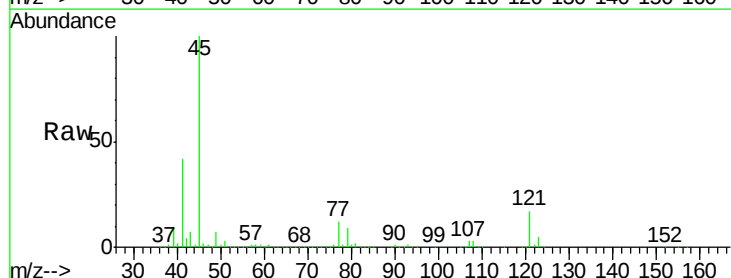
Tgt Ion: 45 Resp: 1459810

Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.1

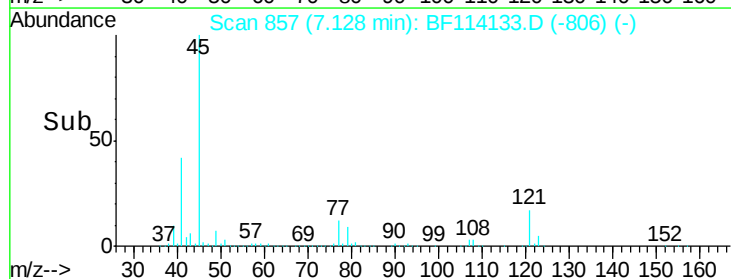
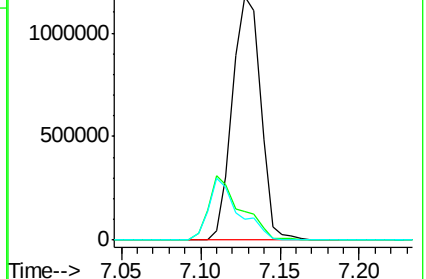
79 8.8 0.0 28.4

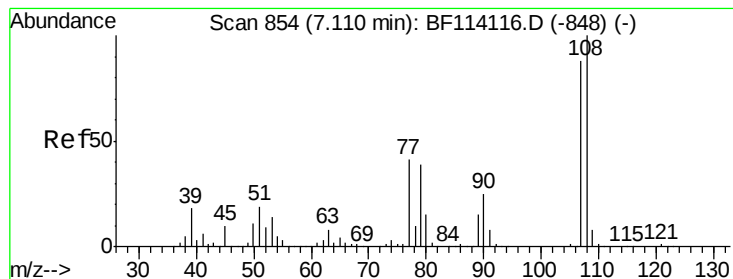


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.790 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

Tgt Ion:107 Resp: 637387

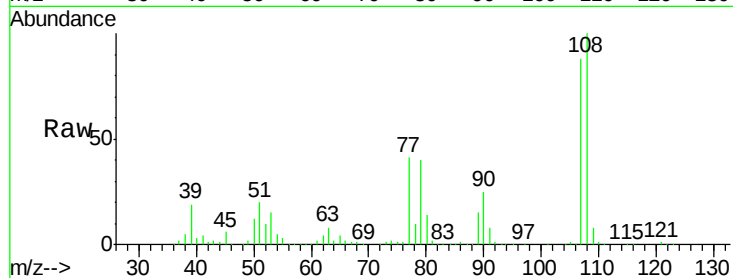
Ion Ratio Lower Upper

107 100

108 113.3 90.5 135.7

77 46.2 37.0 55.4

79 44.9 35.8 53.8

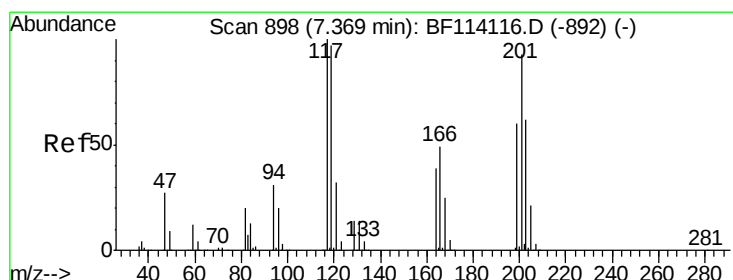
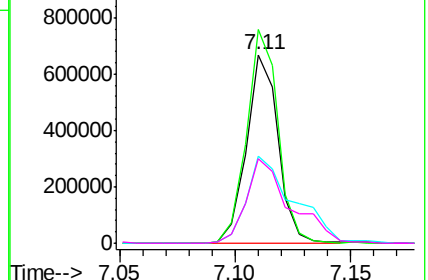
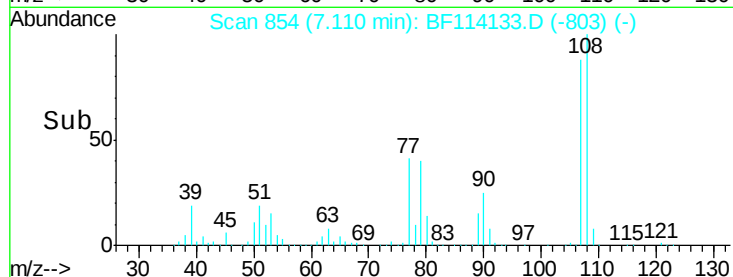


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.780 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

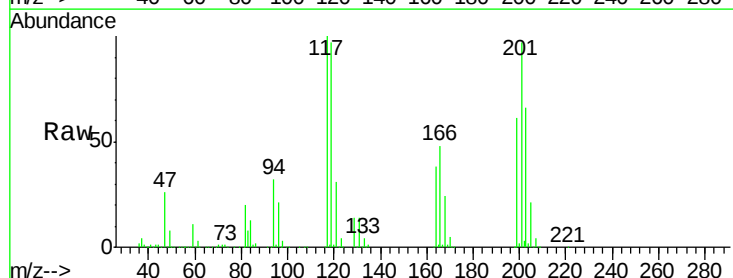
Tgt Ion:117 Resp: 256803

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.2

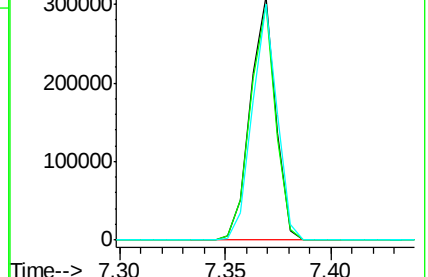
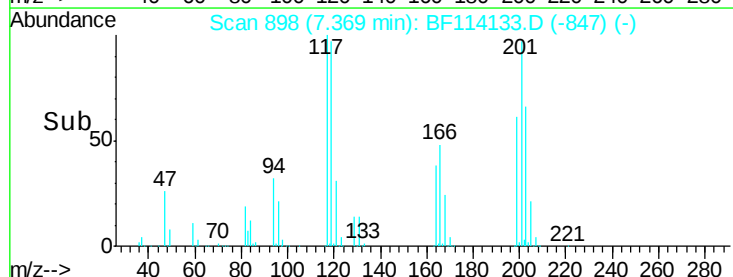
201 96.9 74.5 111.7



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

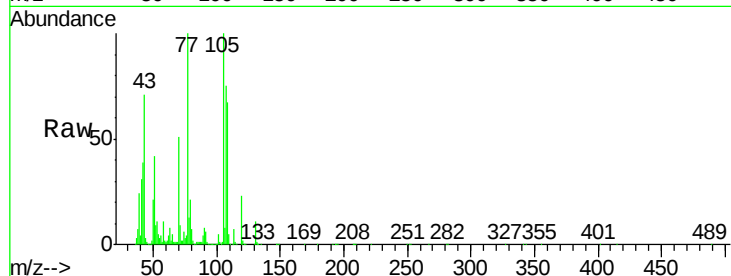




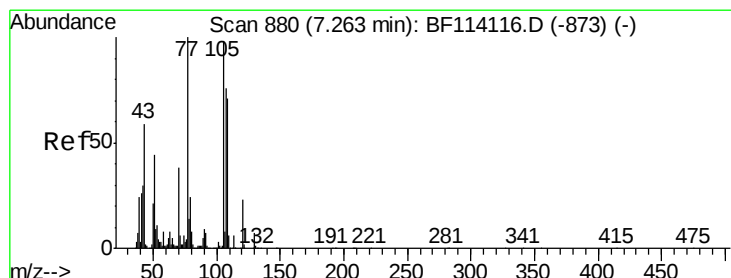
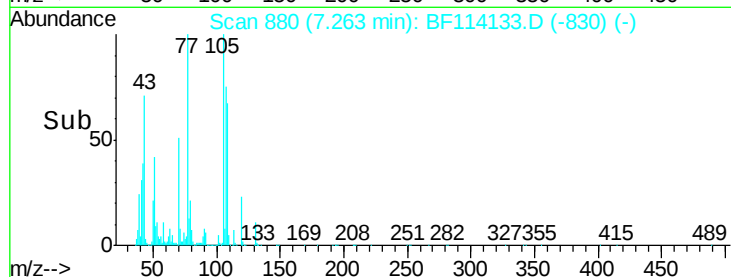
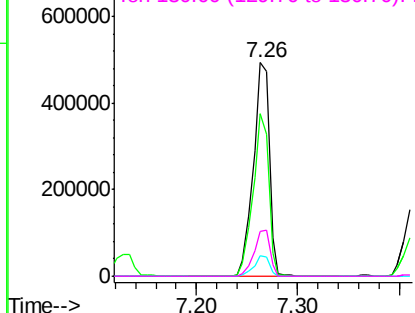
#19
n-Nitroso-di-n-propylamine
Concen: 31.786 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion:	70	Resp:	544805
Ion	Ratio	Lower	Upper
70	100		
42	76.3	58.6	87.8
101	9.6	7.8	11.8
130	20.9	17.1	25.7



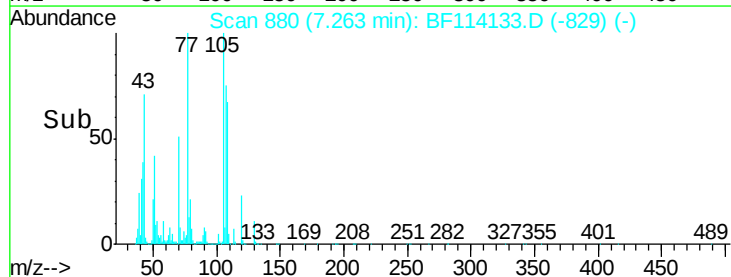
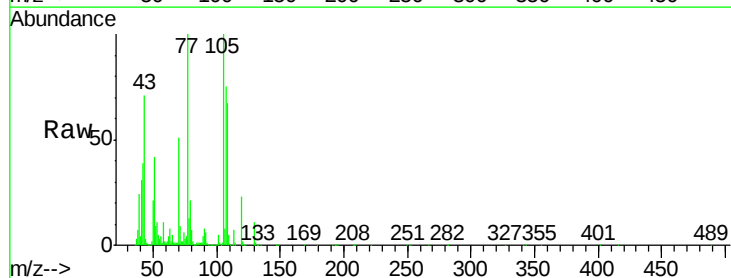
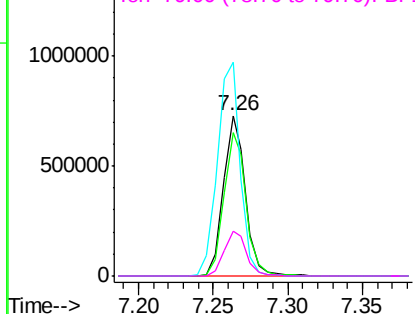
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

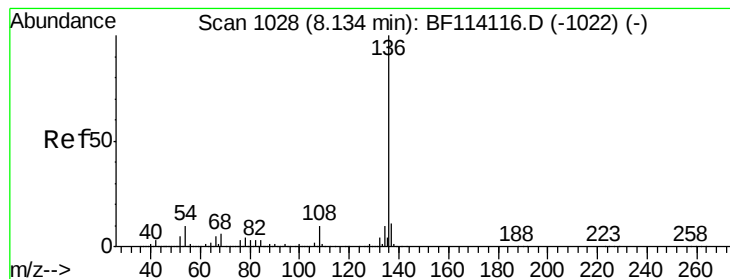


#20
3+4-Methylphenols
Concen: 32.637 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:	107	Resp:	756041
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.8	113.8
77	133.0	111.5	151.5
79	28.3	12.0	52.0

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

Tgt Ion:136 Resp: 1309695

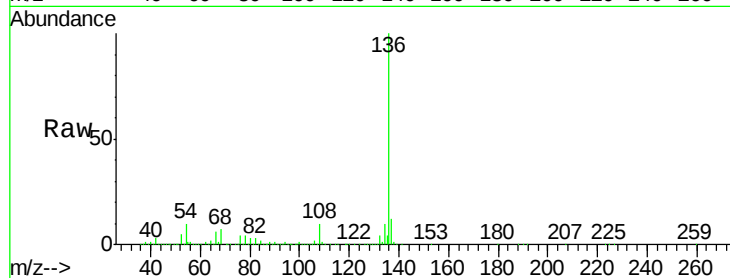
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.1 7.8 11.8

68 6.6 5.1 7.7

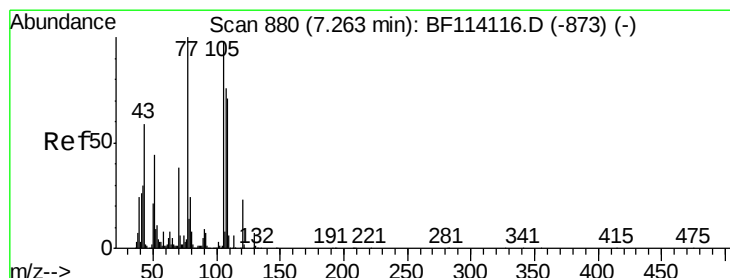
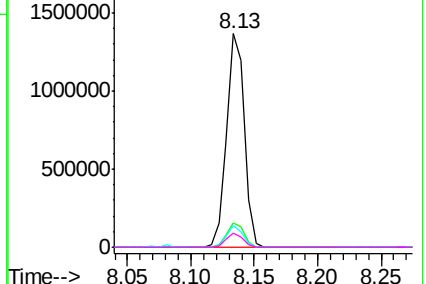
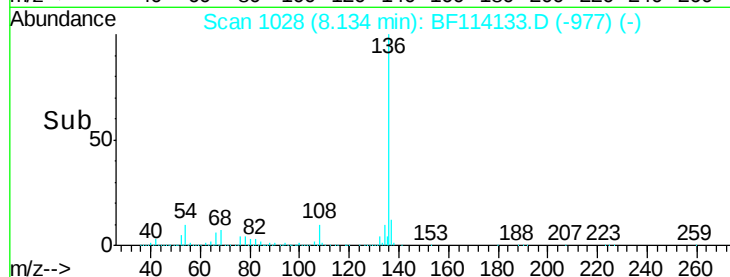


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.227 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Tgt Ion:105 Resp: 1051087

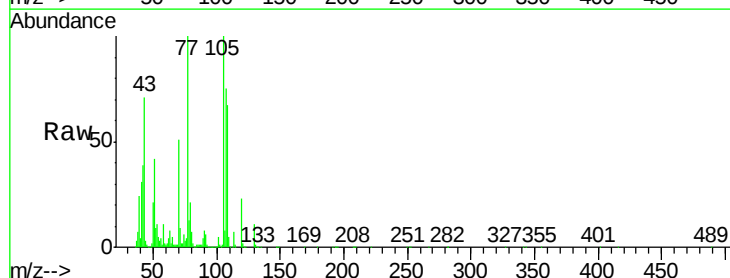
Ion Ratio Lower Upper

105 100

71 8.5 5.3 7.9#

51 42.5 36.2 54.4

120 22.8 18.6 28.0

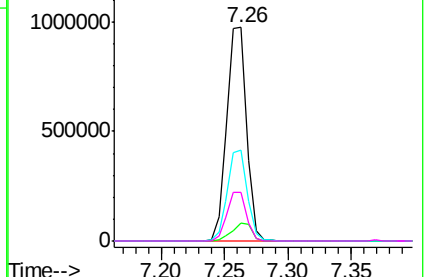
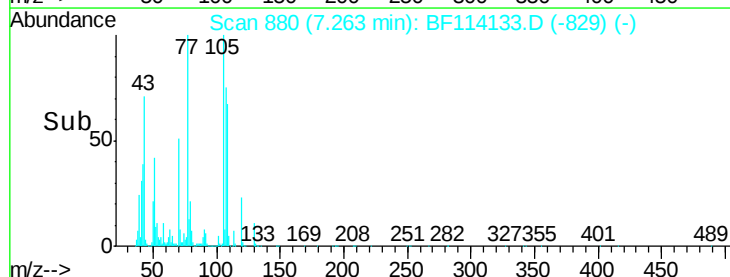


Abundance Ion 105.00 (104.70 to 105.70): E

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

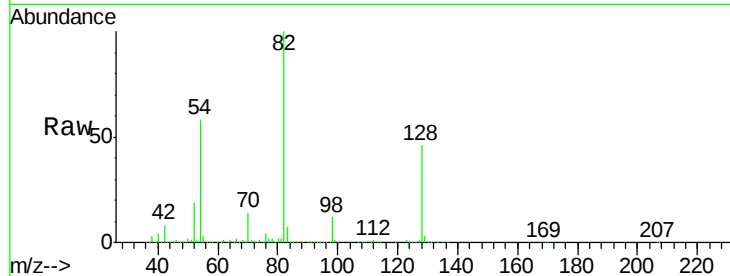




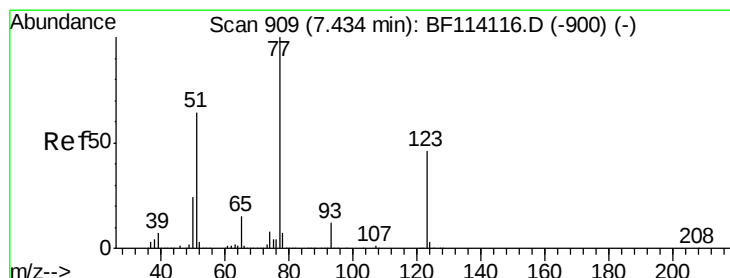
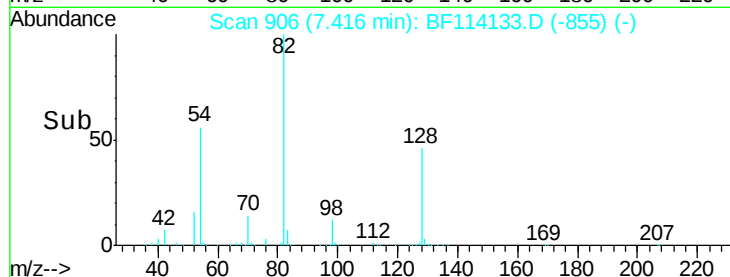
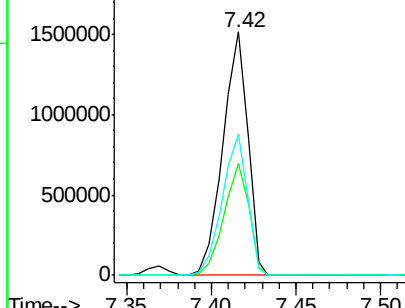
#23
 Nitrobenzene-d5
 Concen: 66.521 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Tgt Ion: 82 Resp: 1552428
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 58.2 48.5 72.7

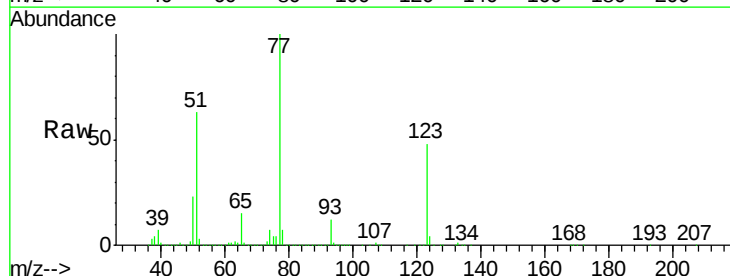


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

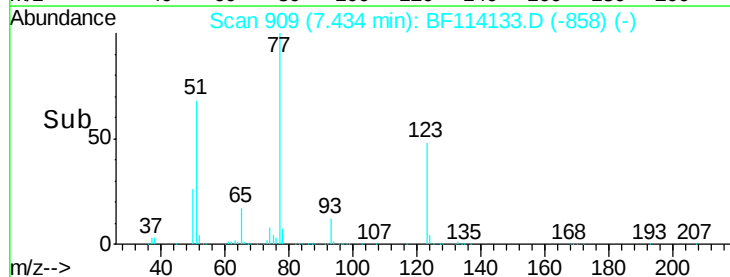
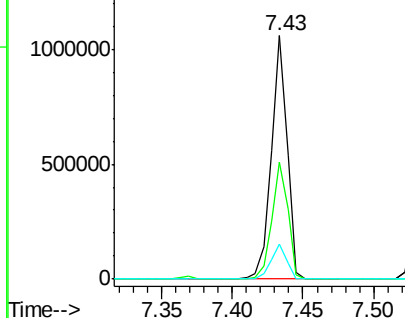


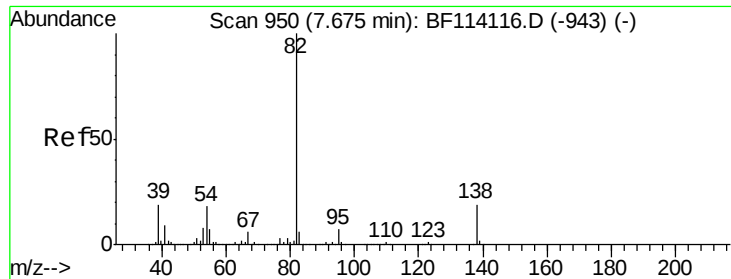
#24
 Nitrobenzene
 Concen: 35.218 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion: 77 Resp: 837117
 Ion Ratio Lower Upper
 77 100
 123 47.9 36.9 55.3
 65 14.6 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.634 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

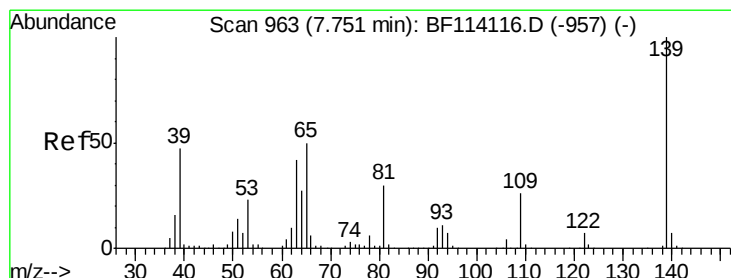
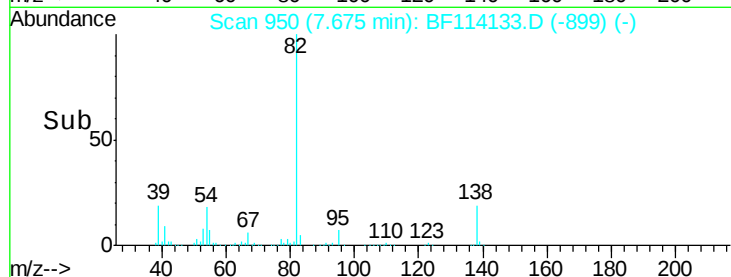
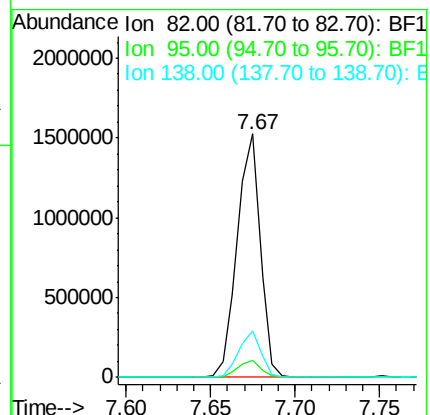
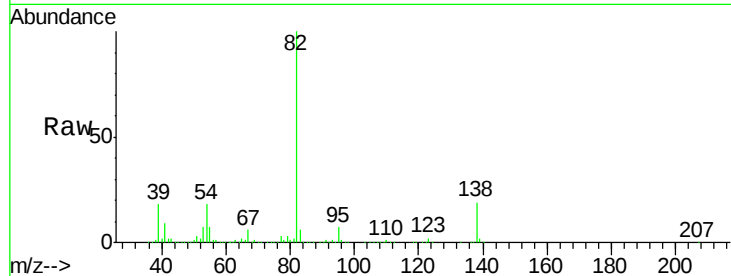
Tgt Ion: 82 Resp: 1455709

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.1 14.8 22.2



#26

2-Nitrophenol

Concen: 34.504 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

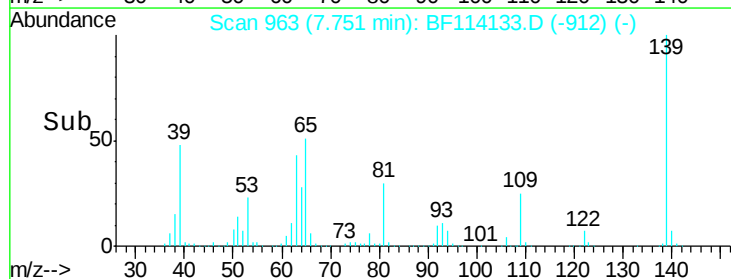
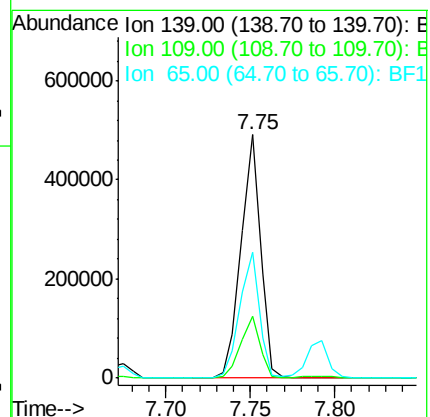
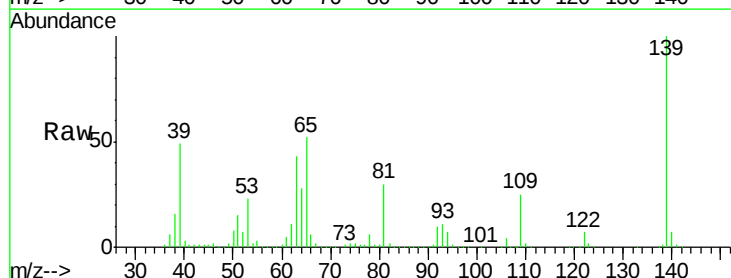
Tgt Ion: 139 Resp: 397900

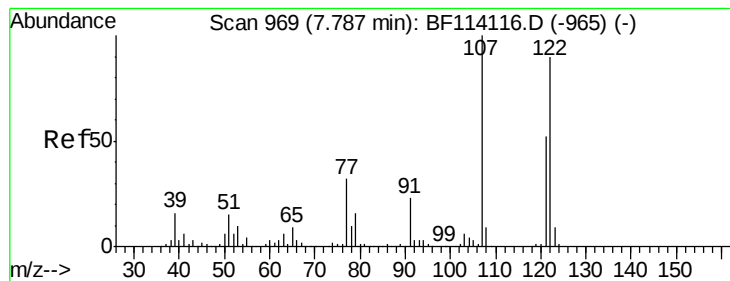
Ion Ratio Lower Upper

139 100

109 25.3 20.7 31.1

65 51.5 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 37.022 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

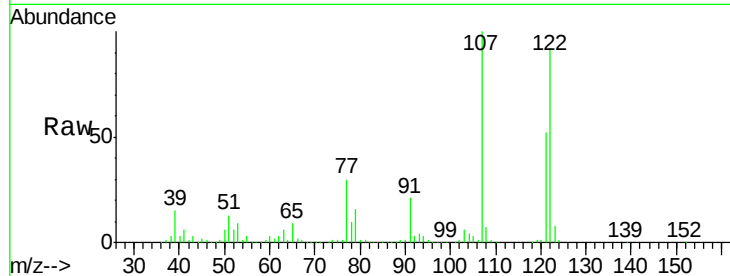
Tgt Ion:122 Resp: 670550

Ion Ratio Lower Upper

122 100

107 108.2 88.4 132.6

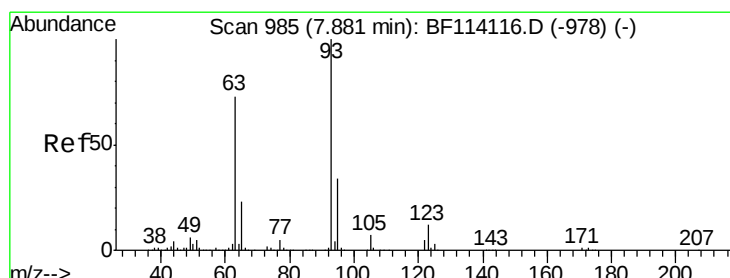
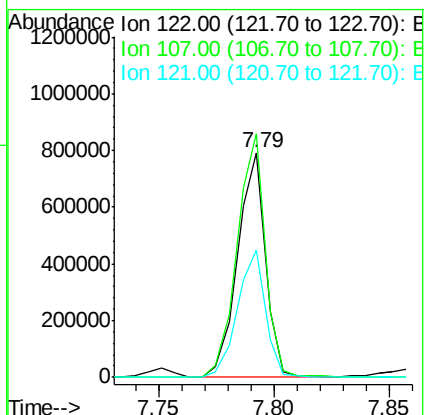
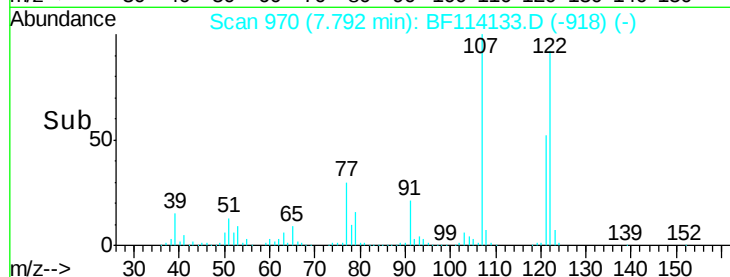
121 56.8 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.107 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

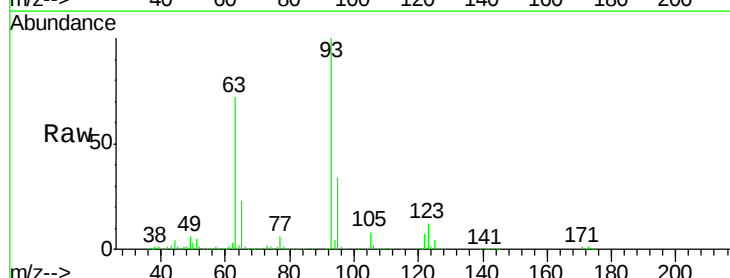
Tgt Ion: 93 Resp: 957807

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

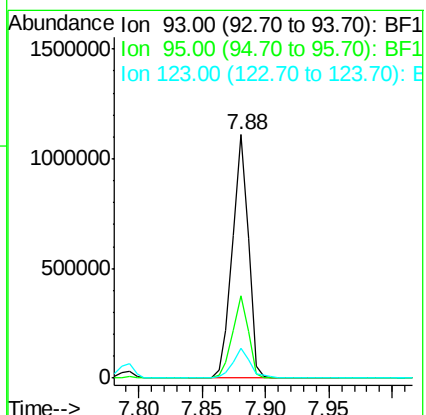
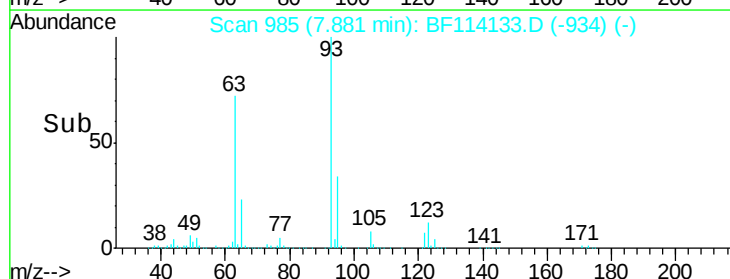
123 12.4 9.5 14.3

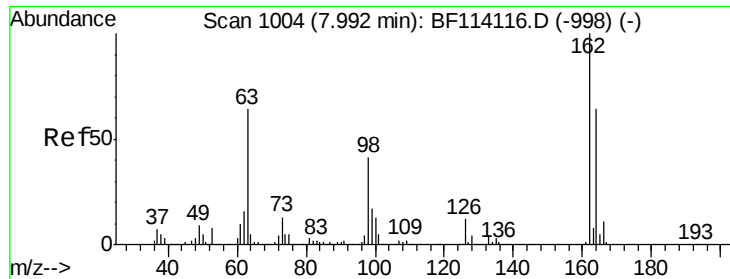


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

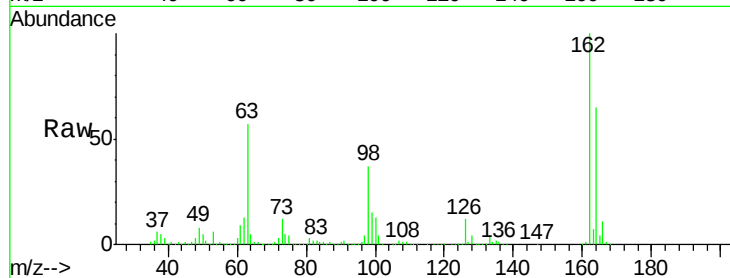




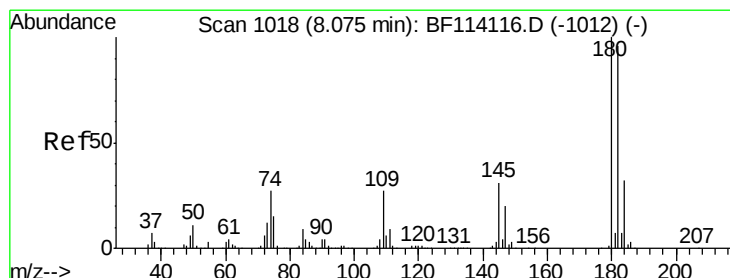
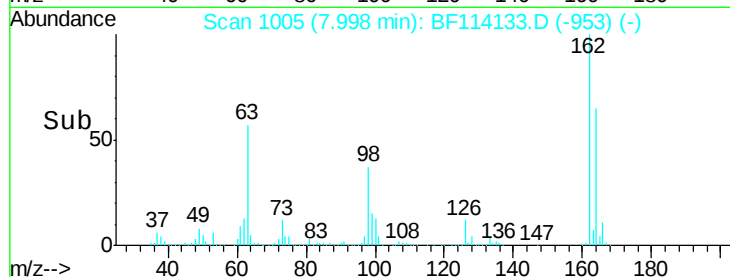
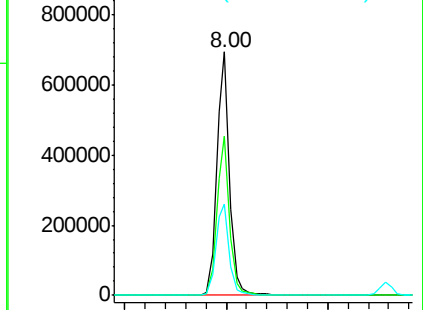
#29
 2,4-Dichlorophenol
 Concen: 33.205 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.6	83.6
98	37.4	20.6	60.6

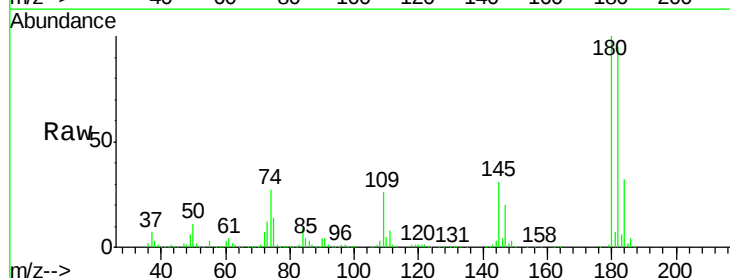


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

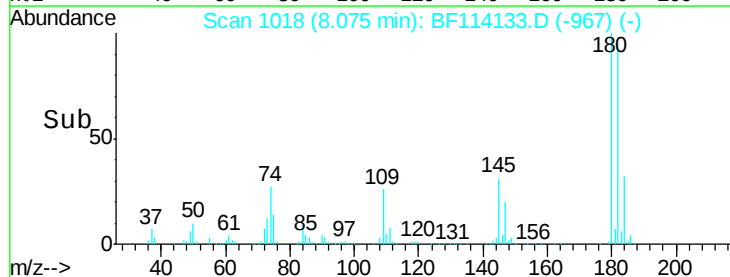
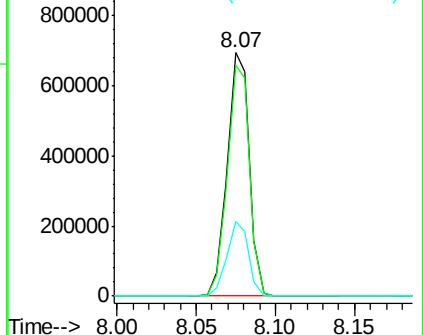


#30
 1,2,4-Trichlorobenzene
 Concen: 32.566 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	30.6	25.1	37.7



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





#31

Naphthalene

Concen: 34.345 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

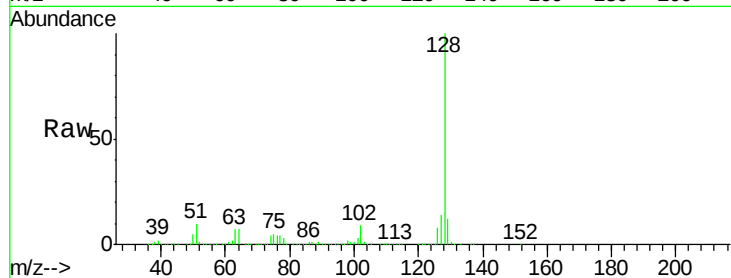
Tgt Ion:128 Resp: 2101149

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

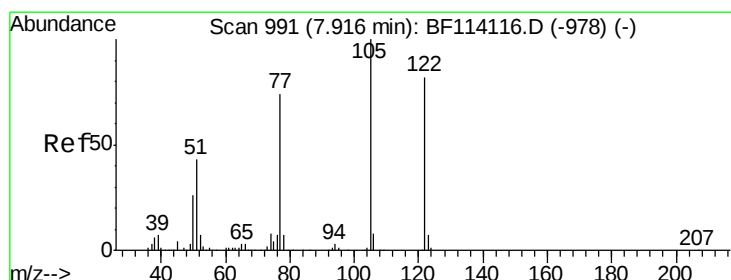
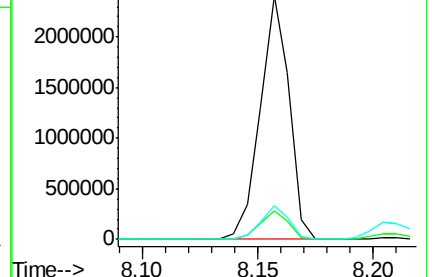
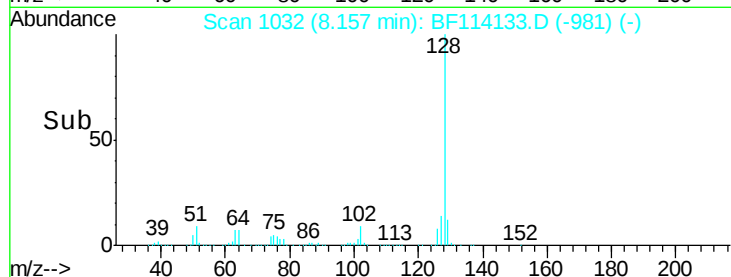
127 13.9 11.3 16.9



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: 26.501 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

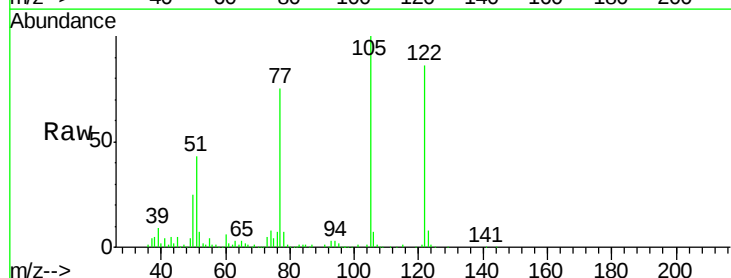
Tgt Ion:122 Resp: 294672

Ion Ratio Lower Upper

122 100

105 116.4 99.9 139.9

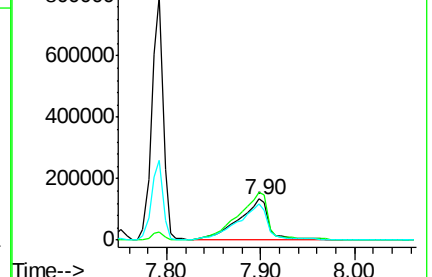
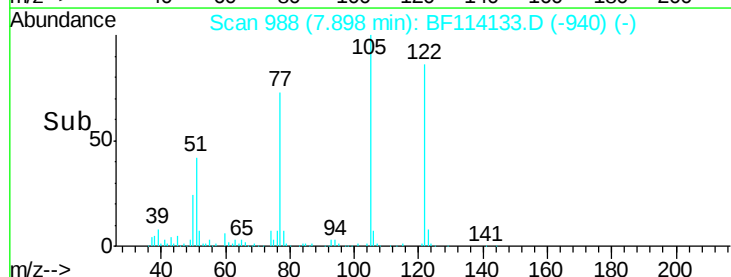
77 87.2 69.4 109.4



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

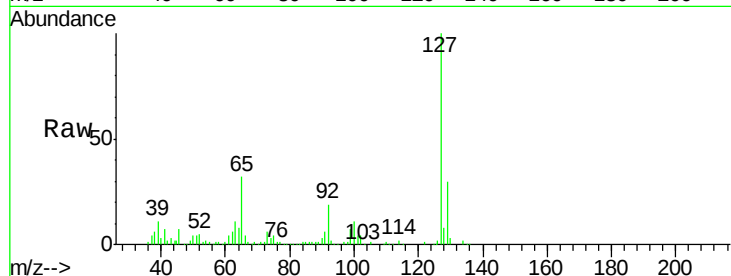




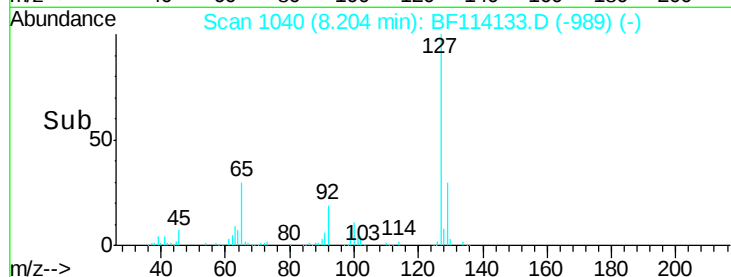
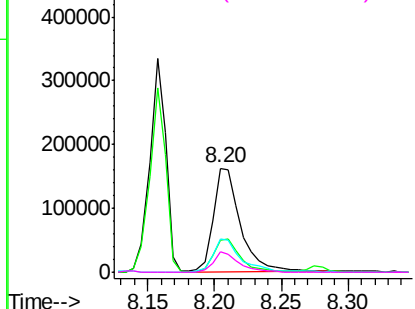
#33
4-Chloroaniline
Concen: 8.302 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion:	127	Resp:	231444
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.7	40.1
65	32.2	25.4	38.0
92	19.4	15.4	23.2

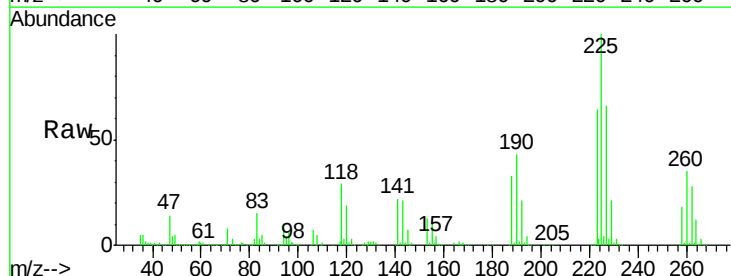


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

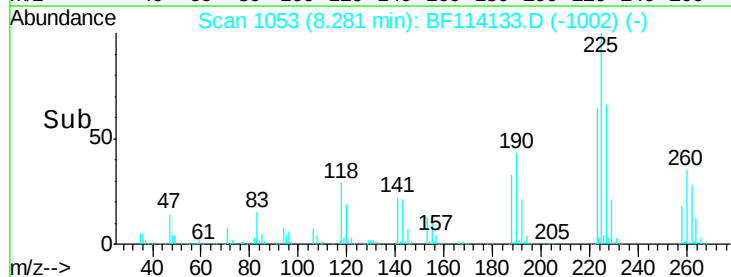
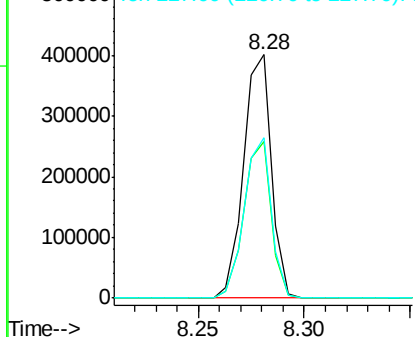


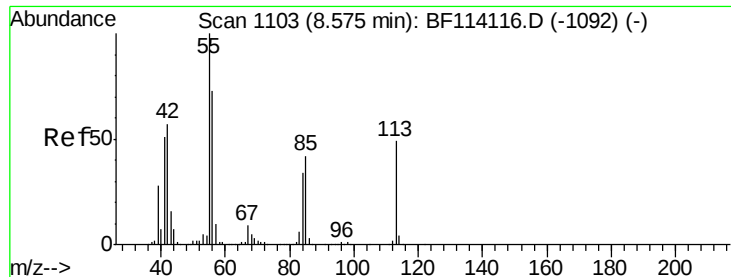
#34
Hexachlorobutadiene
Concen: 31.311 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:	225	Resp:	365365
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	65.9	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

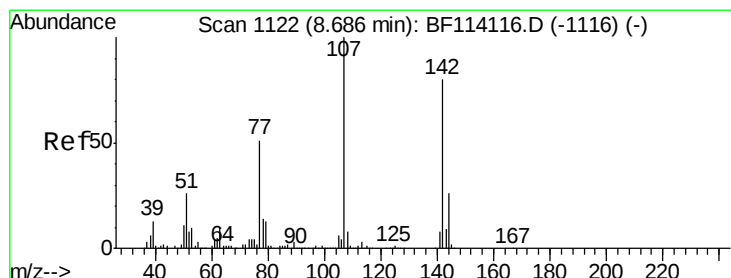
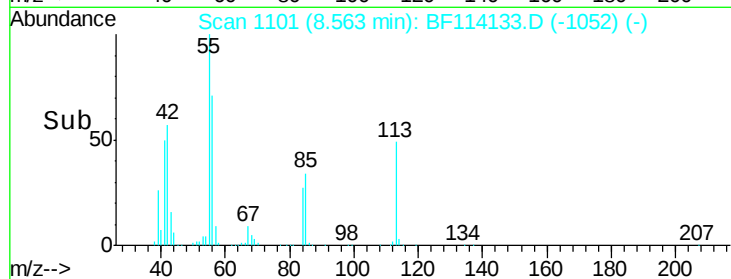
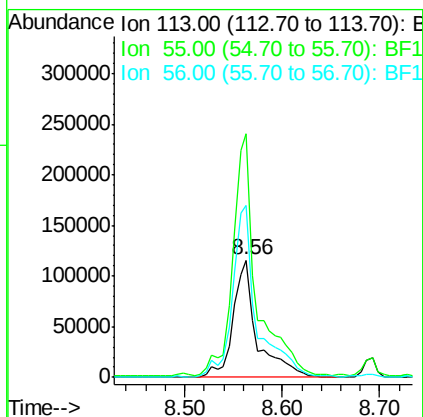
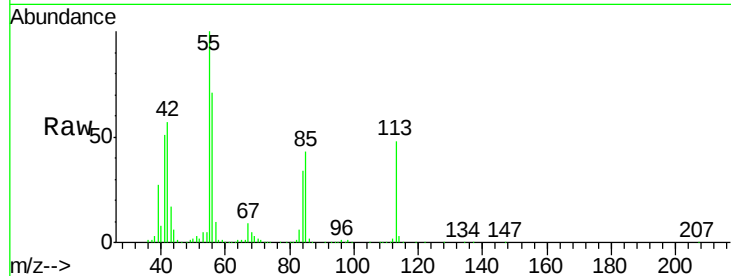




#35
 Caprolactam
 Concen: 33.852 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

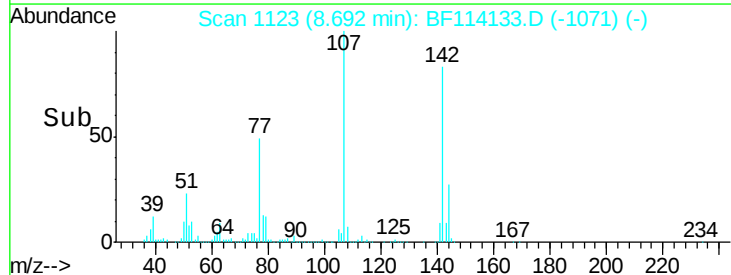
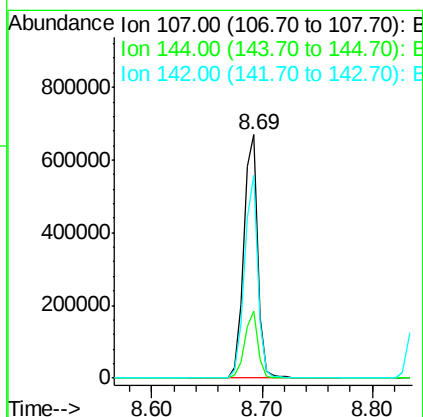
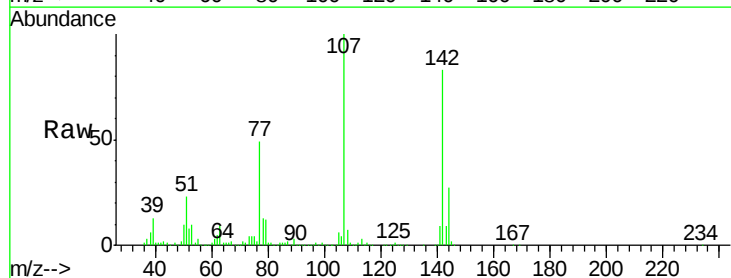
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

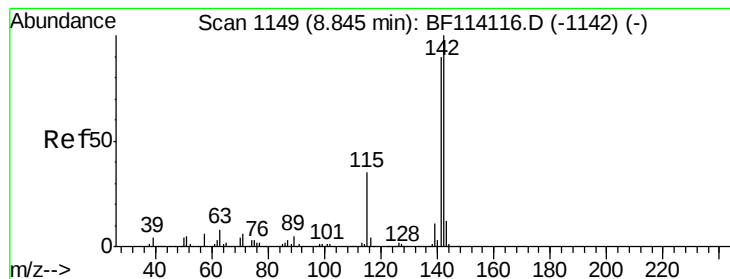
Tgt Ion:113 Resp: 199076
 Ion Ratio Lower Upper
 113 100
 55 207.4 183.5 223.5
 56 146.2 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 32.962 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:107 Resp: 598386
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.4 30.6
 142 83.1 64.2 96.4





#37

2-Methylnaphthalene

Concen: 34.636 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

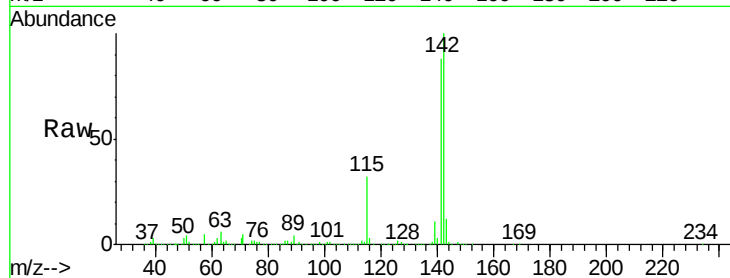
Tgt Ion:142 Resp: 1367156

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1

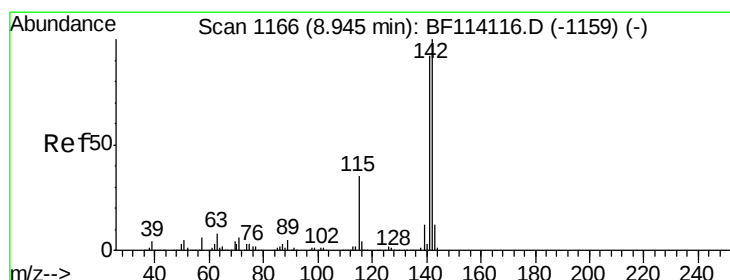
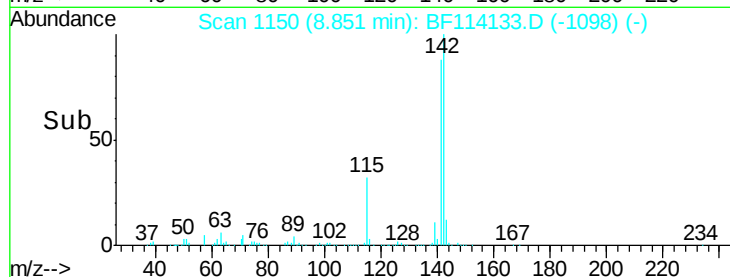
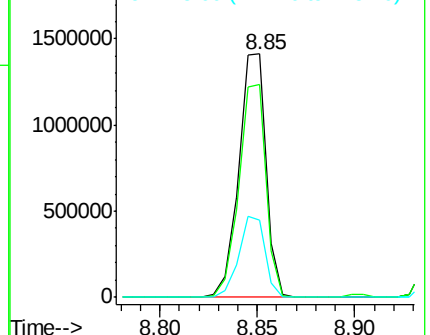
115 31.6 28.0 42.0



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: 33.929 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

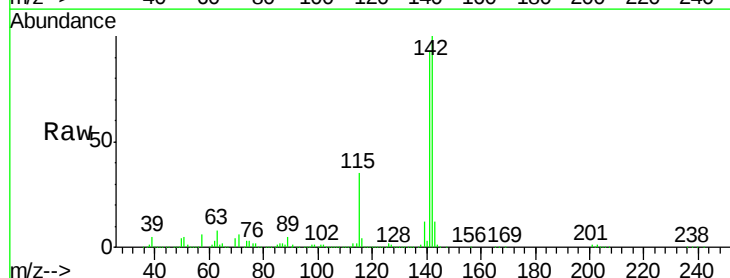
Tgt Ion:142 Resp: 1261180

Ion Ratio Lower Upper

142 100

141 92.6 73.4 110.0

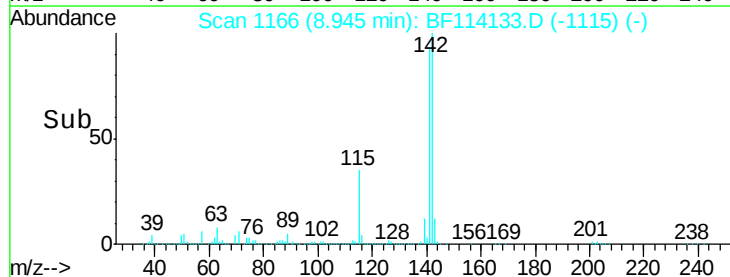
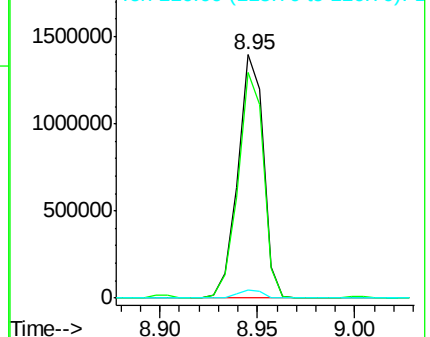
116 3.6 3.1 4.7

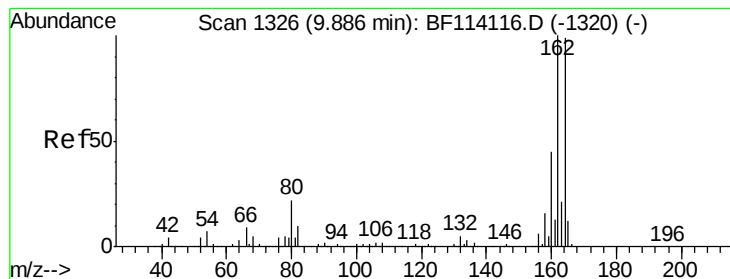


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

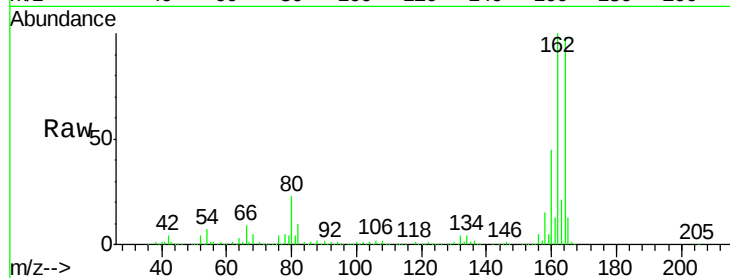
Tgt Ion:164 Resp: 533371

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

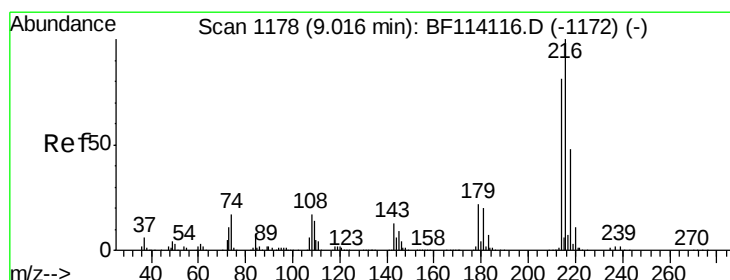
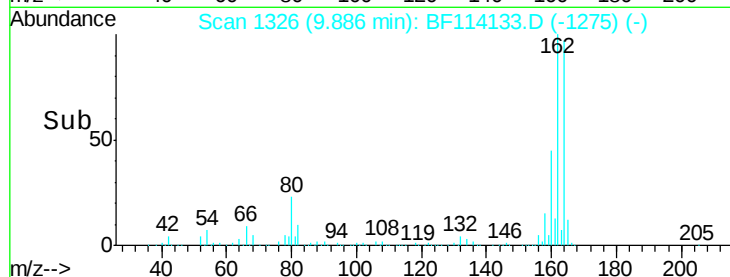
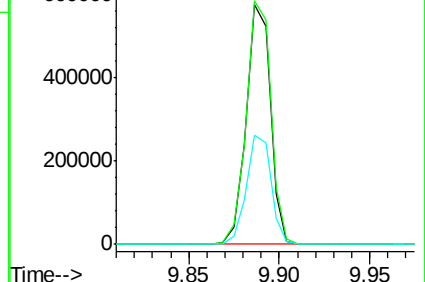
160 45.5 36.5 54.7



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: 37.739 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Tgt Ion:216 Resp: 609748

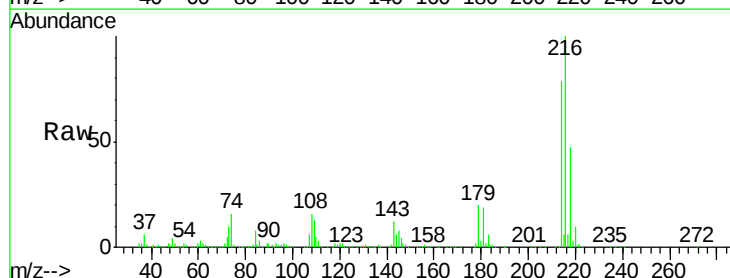
Ion Ratio Lower Upper

216 100

214 78.4 63.9 95.9

179 20.4 17.0 25.6

108 17.2 14.8 22.2

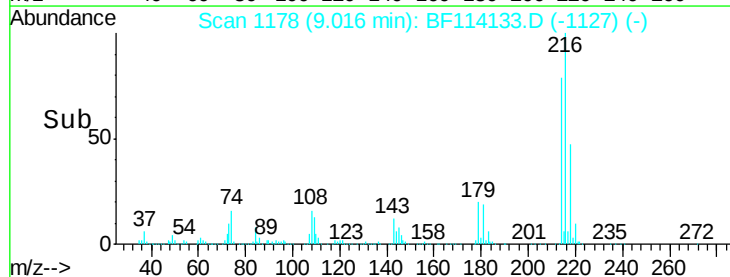
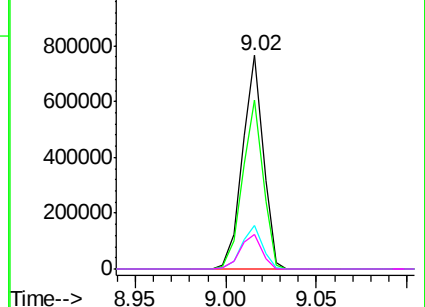


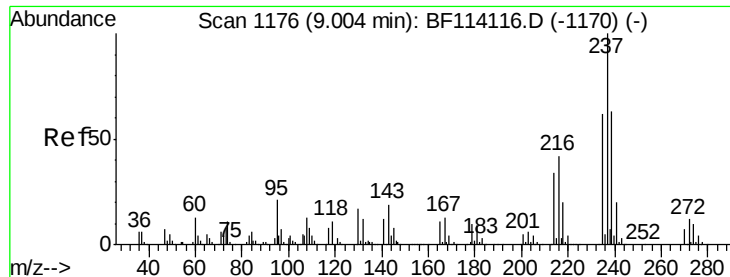
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.747 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

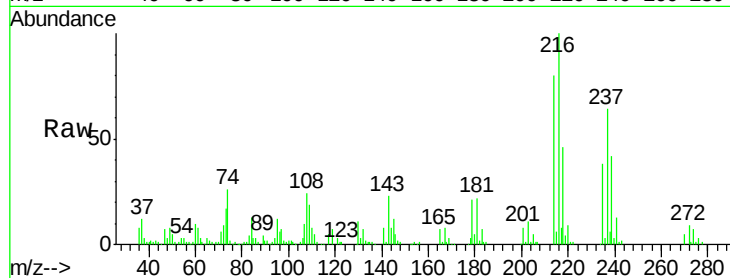
Tgt Ion: 237 Resp: 67026

Ion Ratio Lower Upper

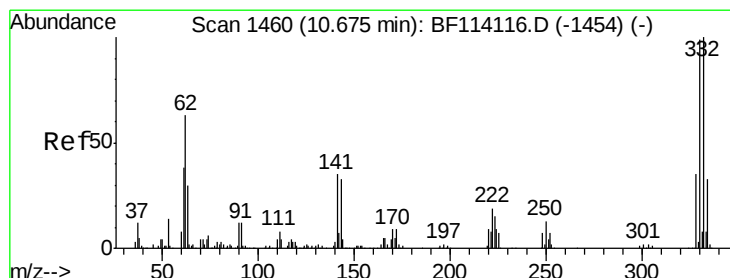
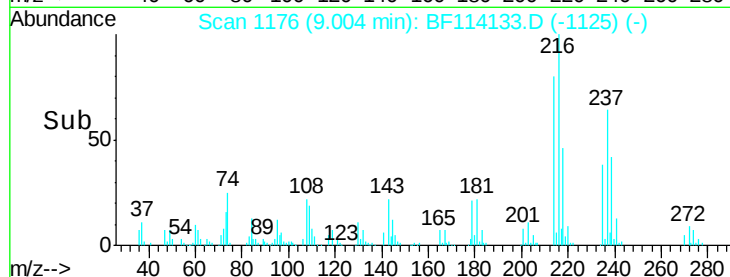
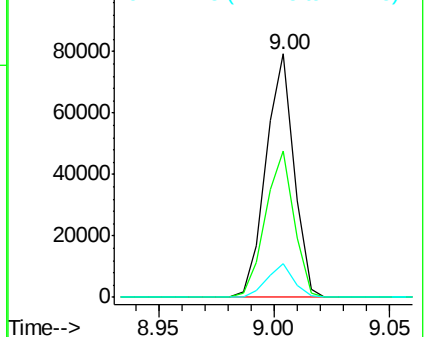
237 100

235 60.0 42.0 82.0

272 14.1 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: 85.285 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

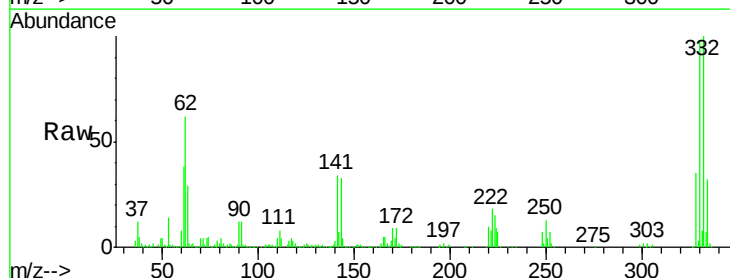
Tgt Ion: 330 Resp: 470273

Ion Ratio Lower Upper

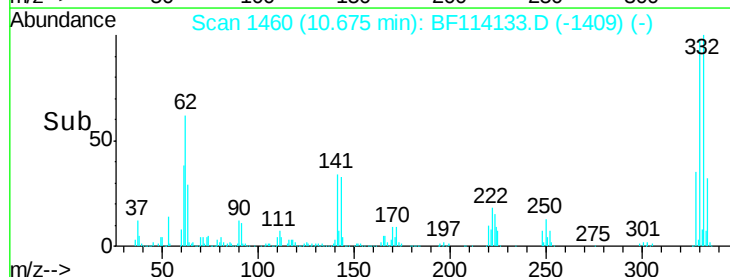
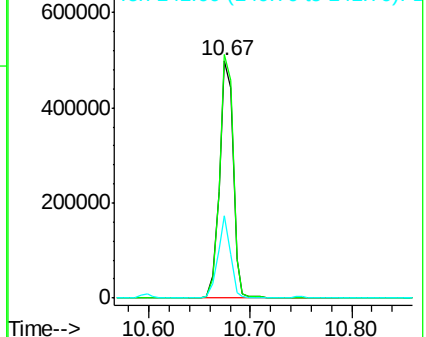
330 100

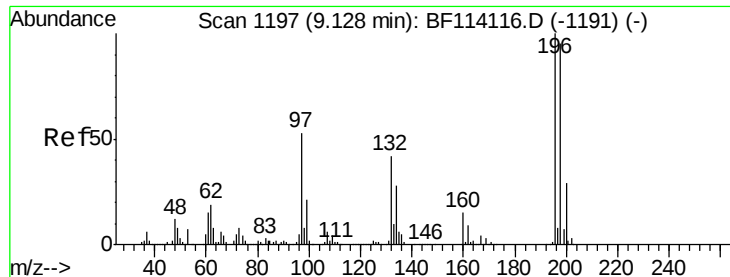
332 101.7 81.4 122.2

141 31.4 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

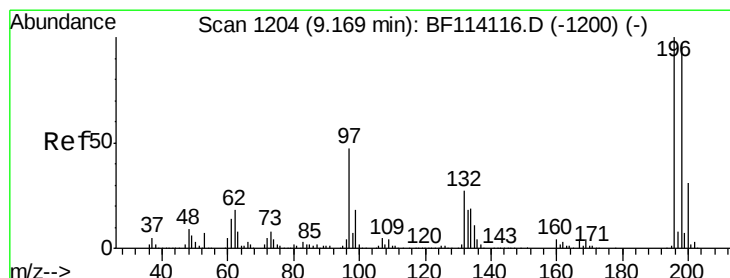
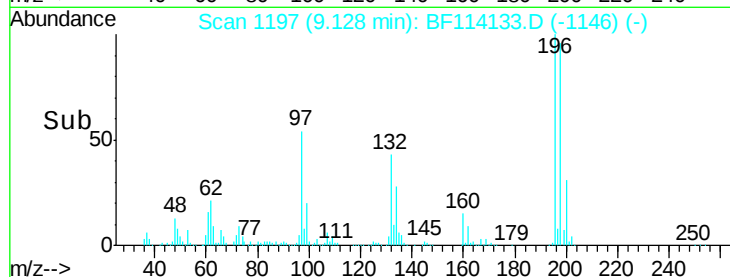
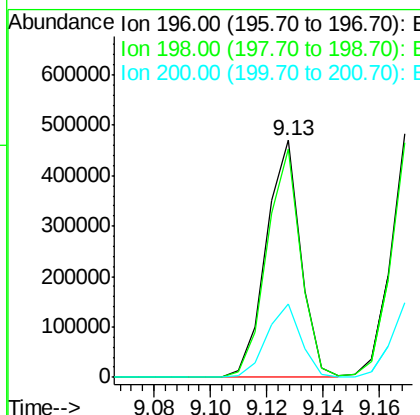
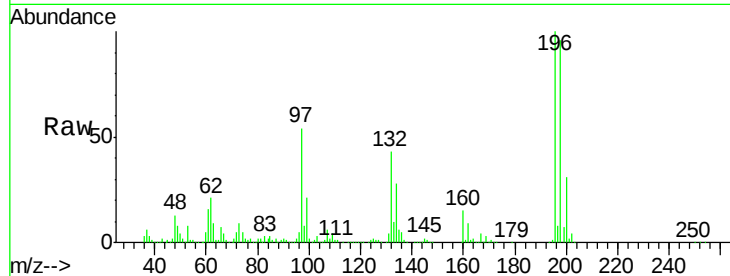




#43
 2,4,6-Trichlorophenol
 Concen: 35.772 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

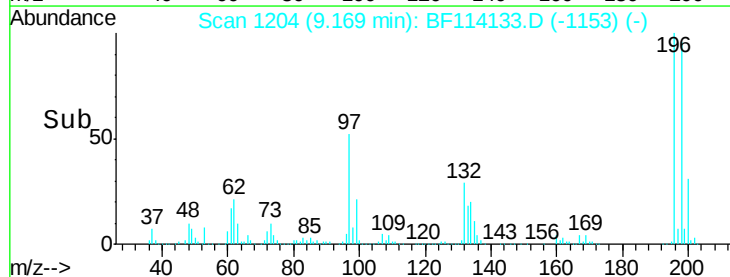
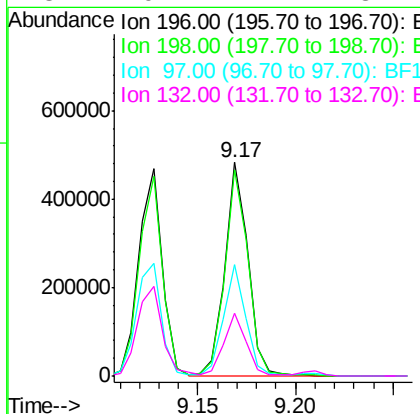
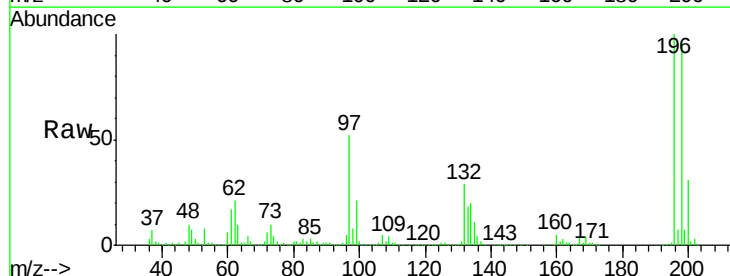
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

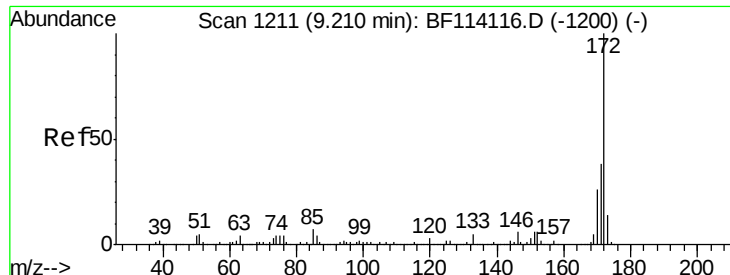
Tgt Ion:196 Resp: 397539
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.9 113.9
 200 30.9 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 34.723 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:196 Resp: 395747
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.7 116.5
 97 52.1 38.2 57.2
 132 29.2 21.4 32.2

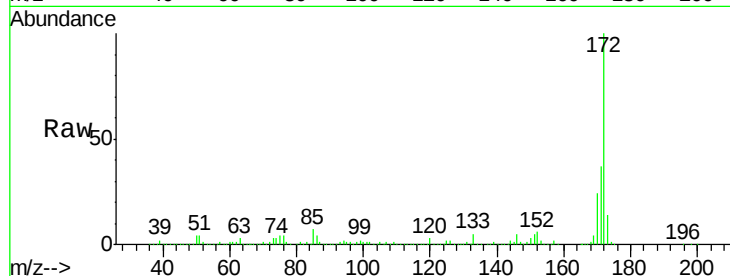




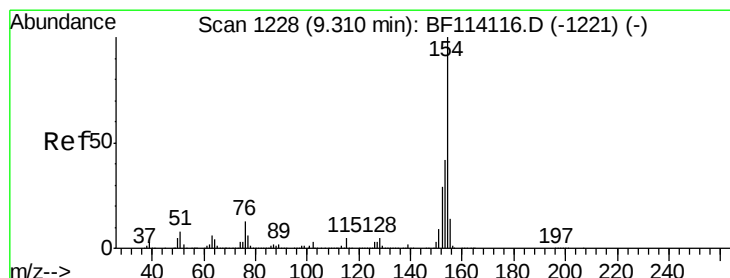
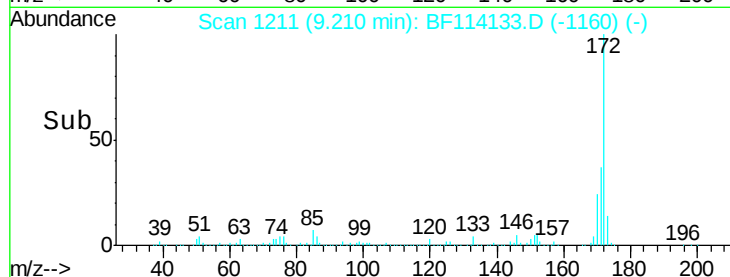
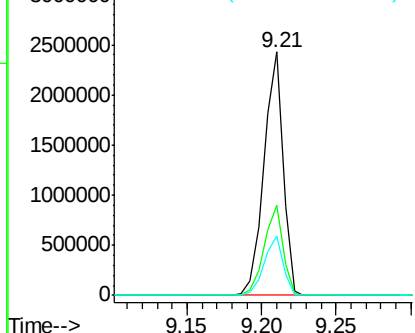
#45
 2-Fluorobiphenyl
 Concen: 60.448 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Tgt Ion:172 Resp: 2131405
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 24.1 20.5 30.7

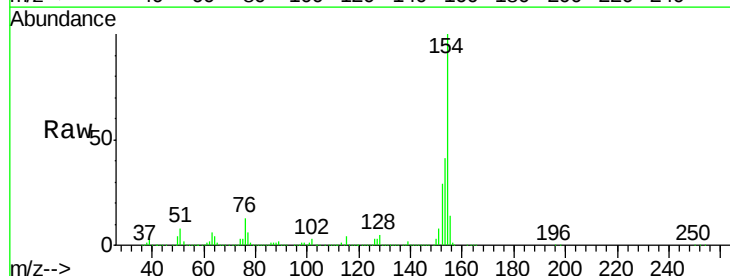


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

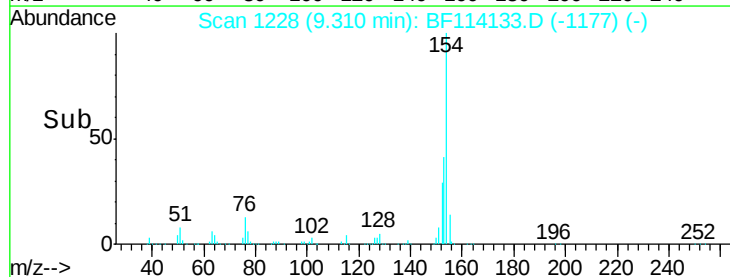
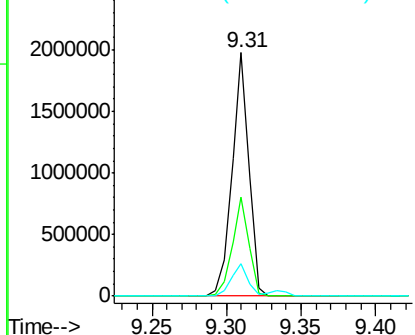


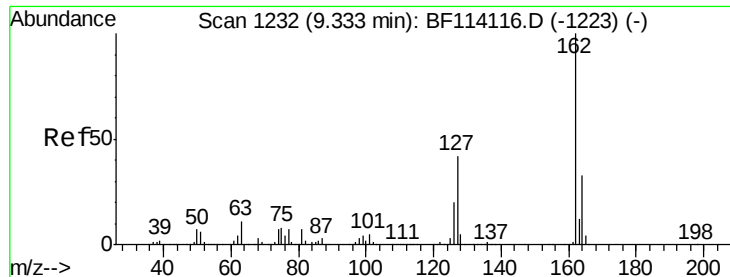
#46
 1,1'-Biphenyl
 Concen: 36.565 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:154 Resp: 1575538
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.9 61.9
 76 13.4 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

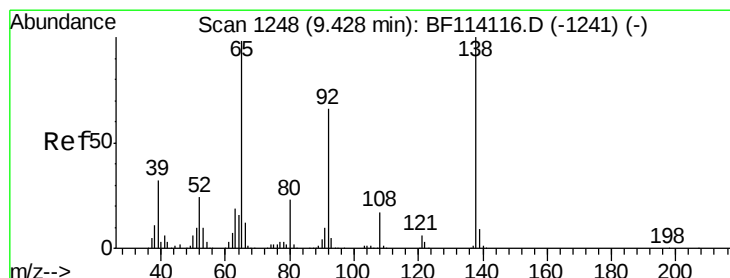
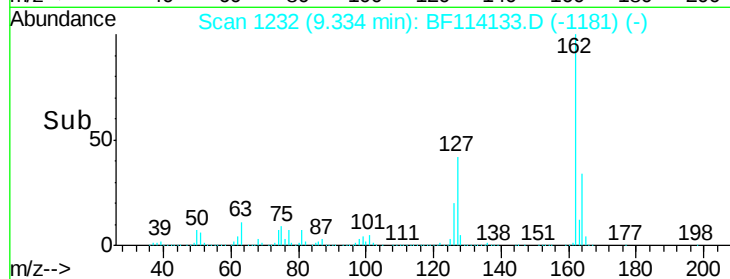
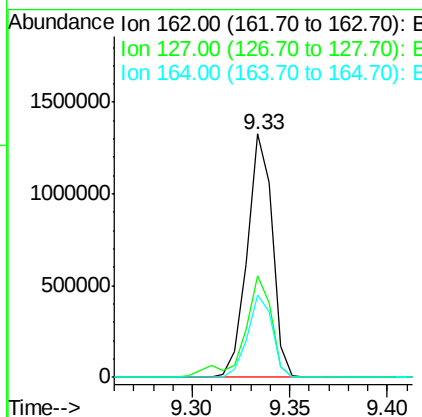
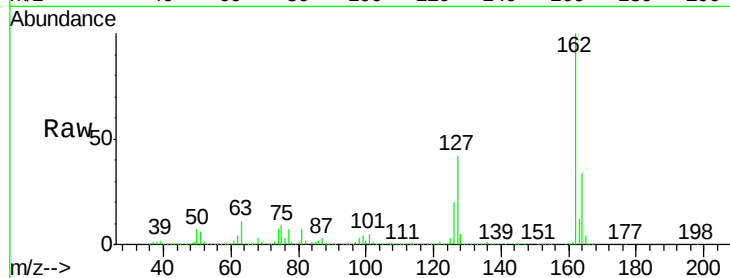




#47
 2-Chloronaphthalene
 Concen: 34.049 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

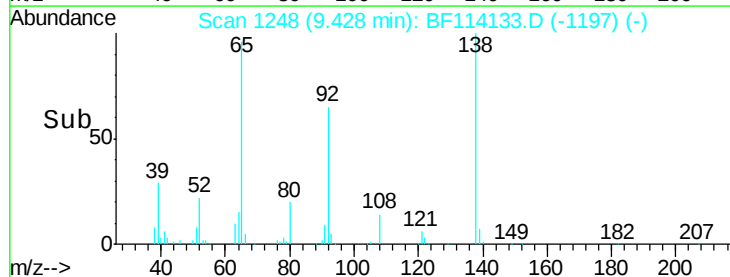
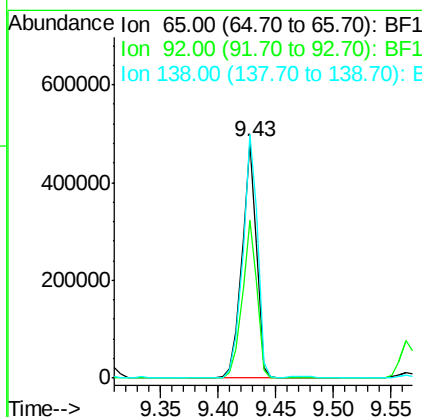
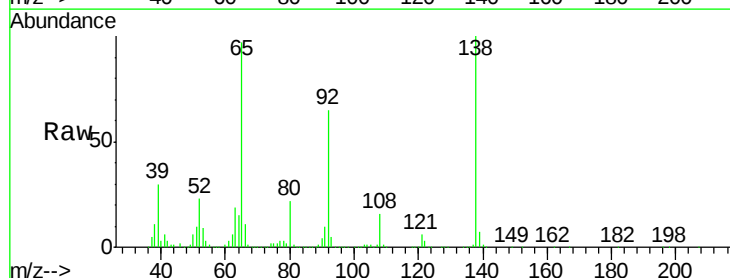
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

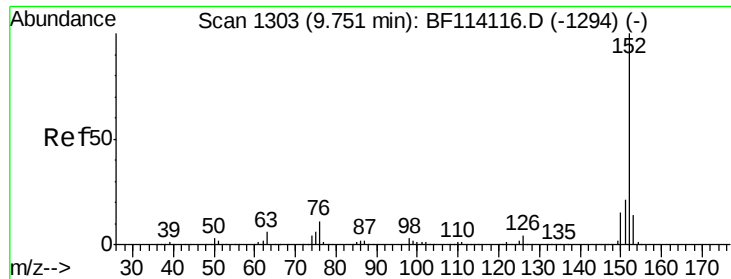
Tgt Ion: 162 Resp: 1180727
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.0 51.0
 164 33.7 26.7 40.1



#48
 2-Nitroaniline
 Concen: 34.378 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion: 65 Resp: 422796
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.9 80.9
 138 103.2 81.4 122.0





#49

Acenaphthylene

Concen: 34.190 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

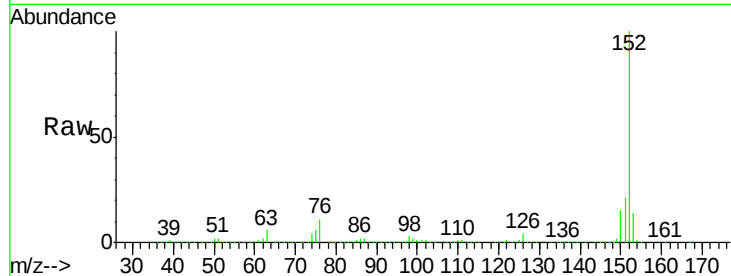
Tgt Ion:152 Resp: 1803258

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

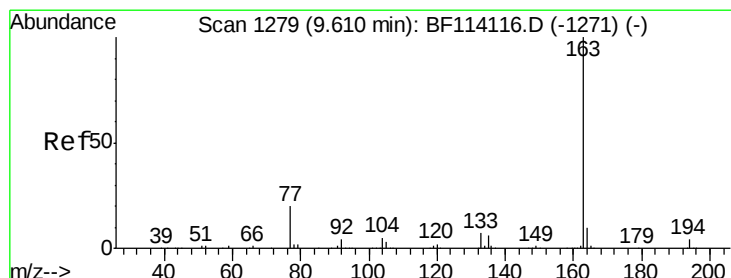
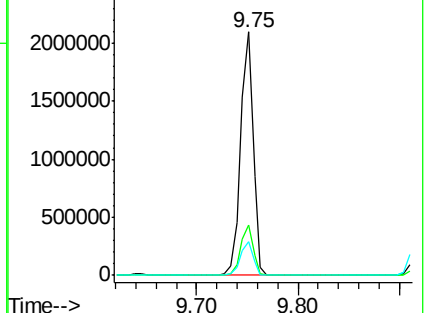
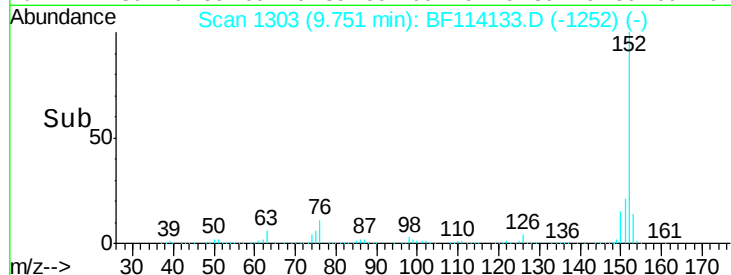
153 13.8 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.102 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

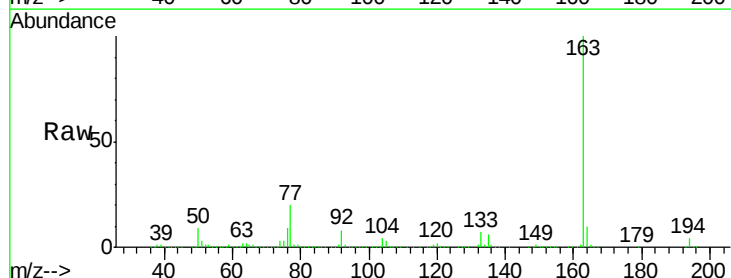
Tgt Ion:163 Resp: 1765954

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

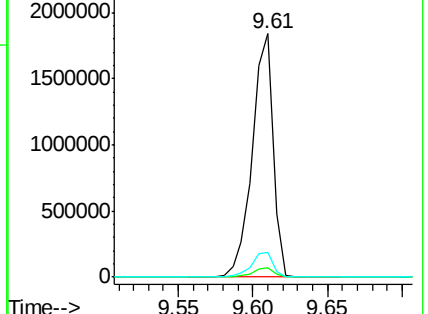
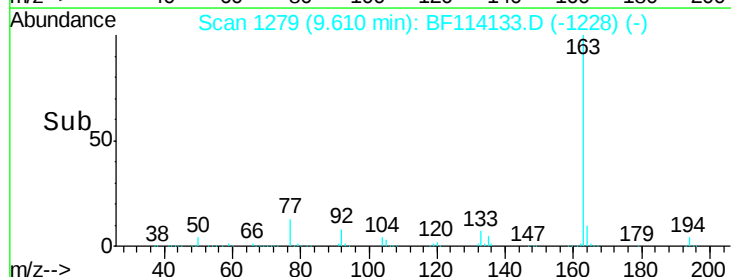
164 10.4 8.2 12.2

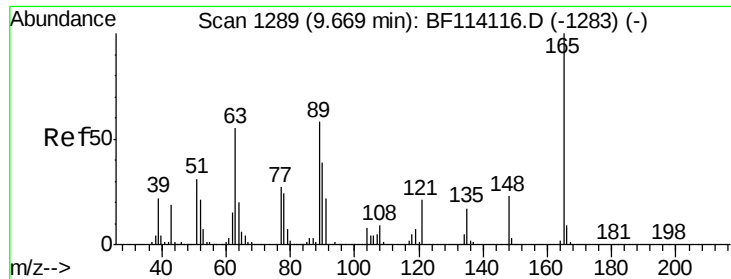


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

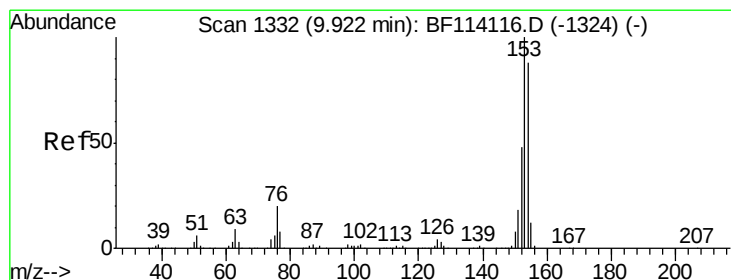
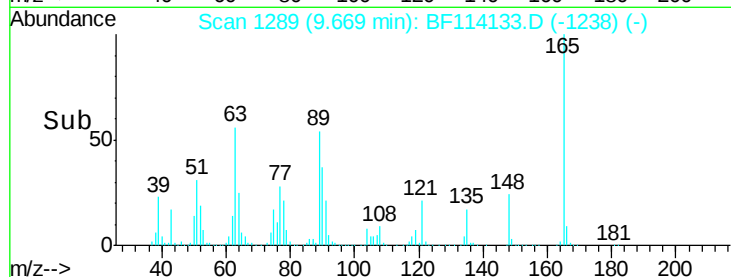
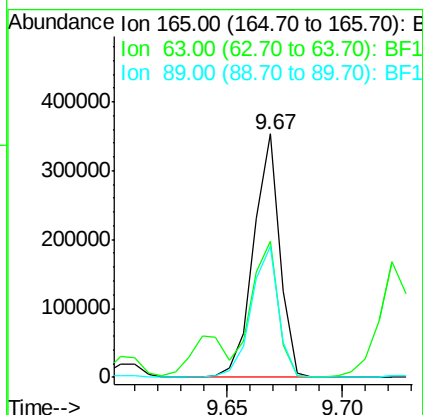
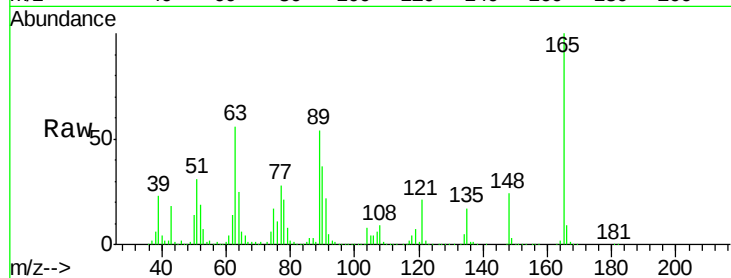




#51
 2,6-Dinitrotoluene
 Concen: 32.510 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

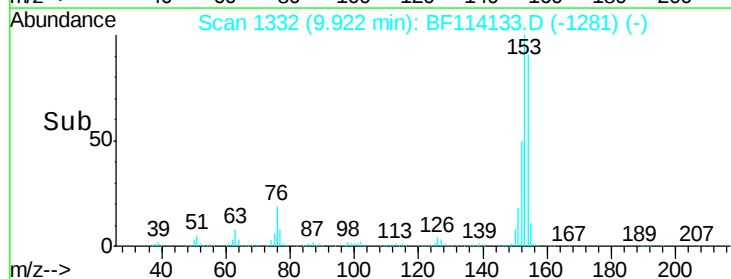
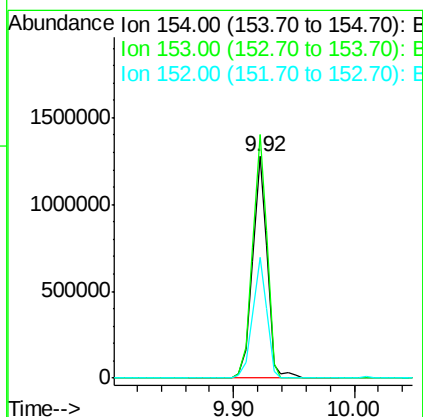
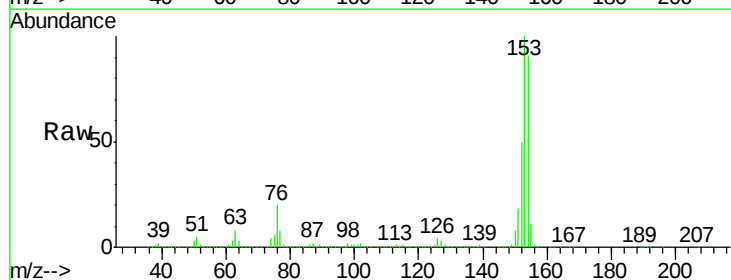
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

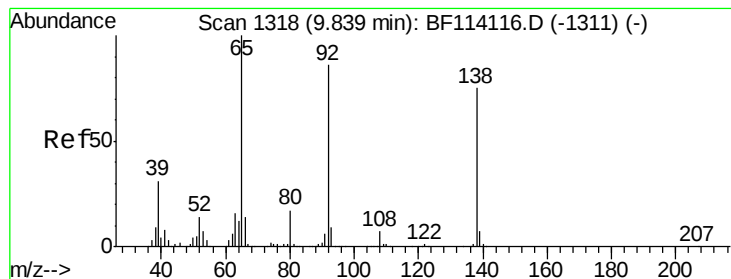
Tgt Ion:165 Resp: 282334
 Ion Ratio Lower Upper
 165 100
 63 56.2 50.2 75.4
 89 53.9 46.6 69.8



#52
 Acenaphthene
 Concen: 33.560 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:154 Resp: 1086188
 Ion Ratio Lower Upper
 154 100
 153 110.0 90.5 135.7
 152 54.6 43.4 65.2





#53

3-Nitroaniline

Concen: 22.516 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

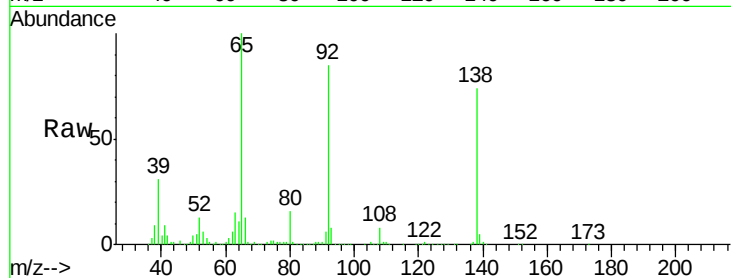
Tgt Ion:138 Resp: 242731

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

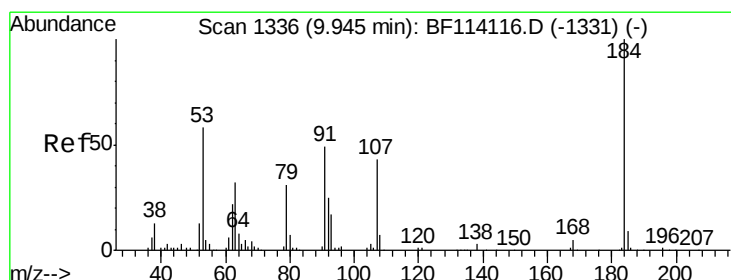
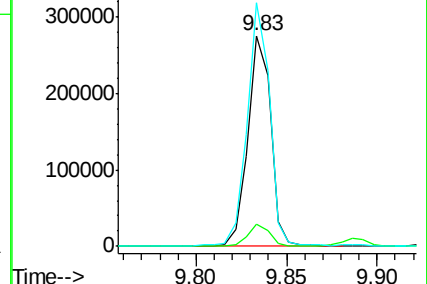
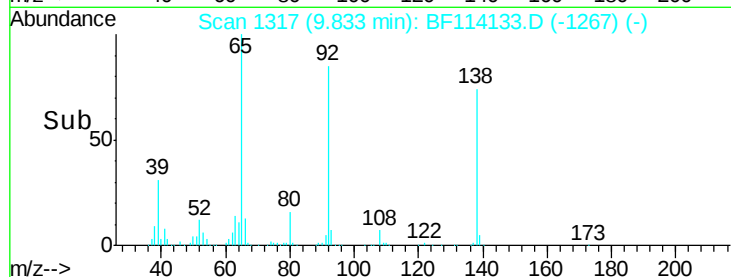
92 115.5 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 18.536 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

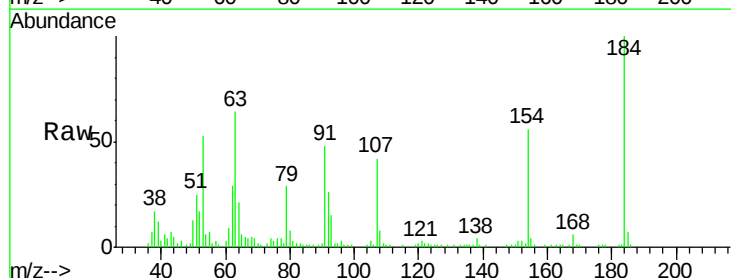
Tgt Ion:184 Resp: 56231

Ion Ratio Lower Upper

184 100

63 63.7 55.6 83.4

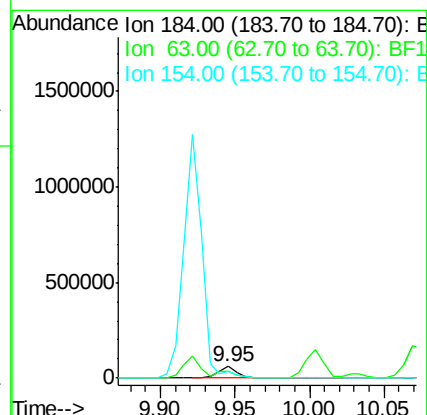
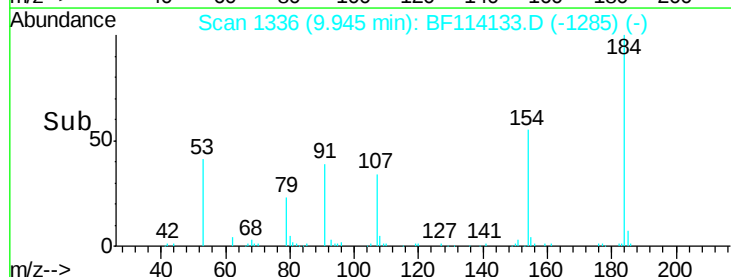
154 56.4 46.0 69.0

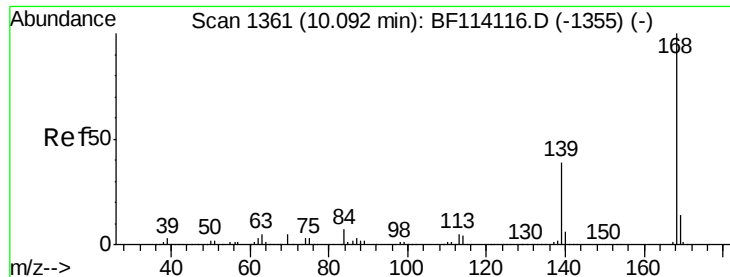


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

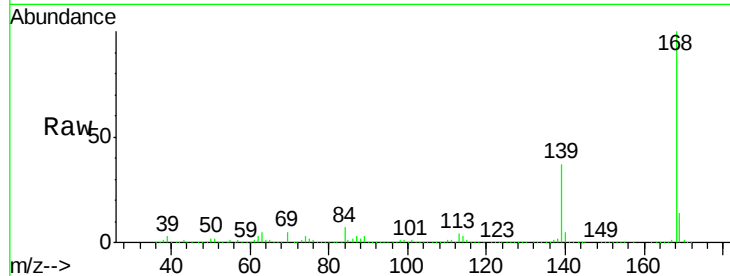




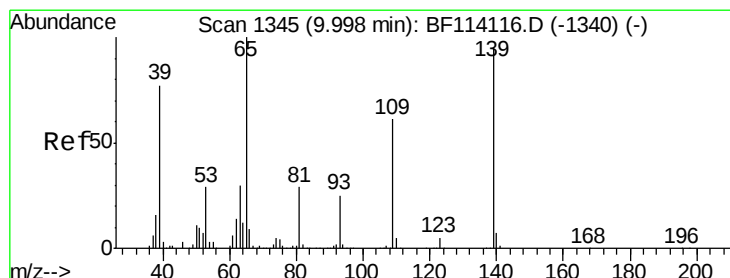
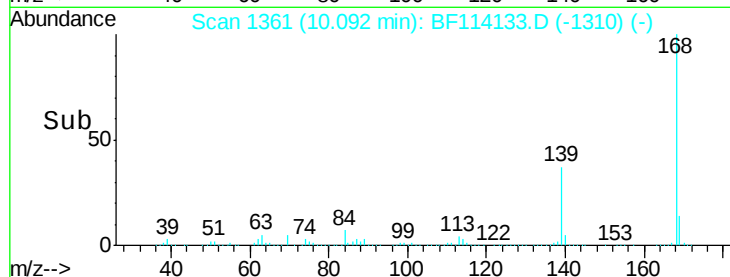
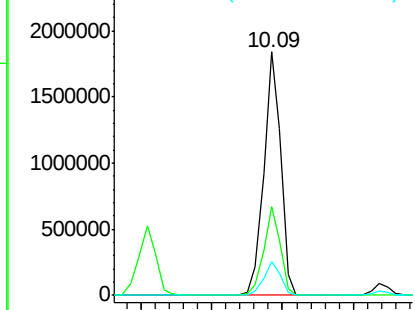
#55
Dibenzenofuran
Concen: 33.044 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion:168 Resp: 1568224
Ion Ratio Lower Upper
168 100
139 36.6 31.1 46.7
169 13.9 11.4 17.0

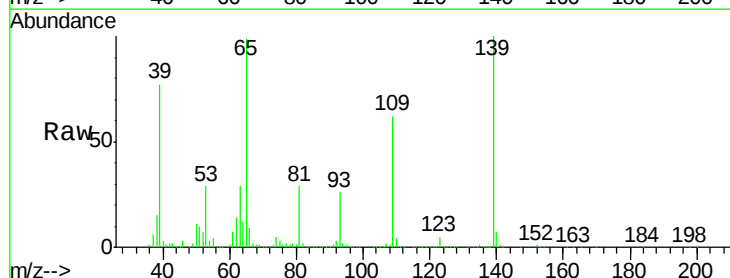


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

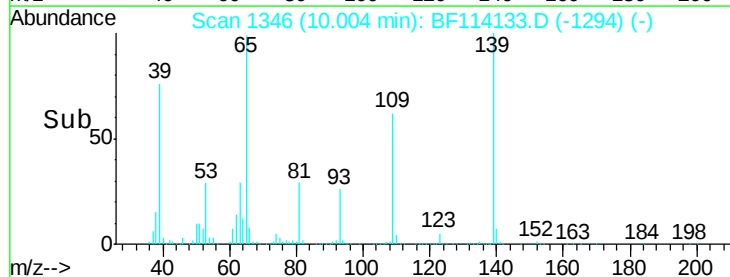
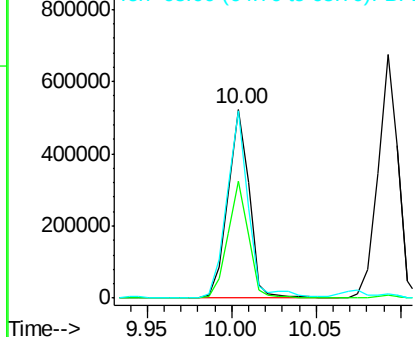


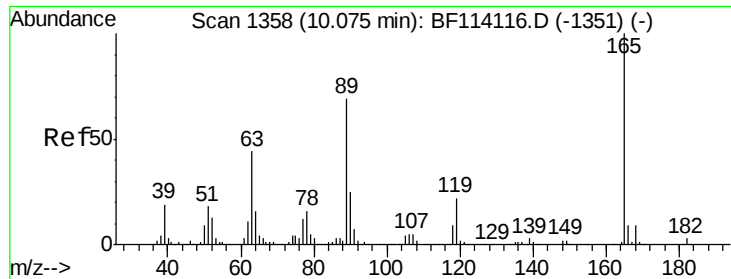
#56
4-Nitrophenol
Concen: 60.511 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:139 Resp: 461324
Ion Ratio Lower Upper
139 100
109 62.1 43.9 83.9
65 99.2 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

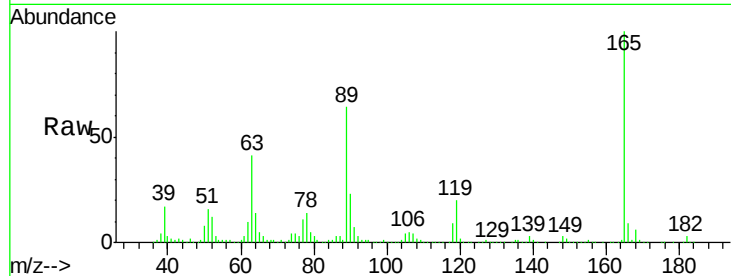




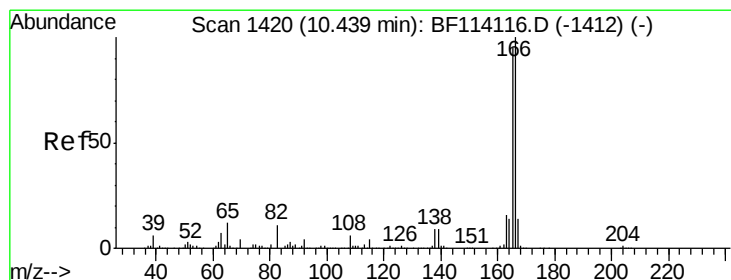
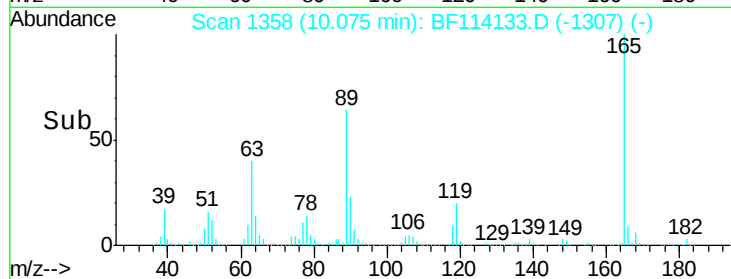
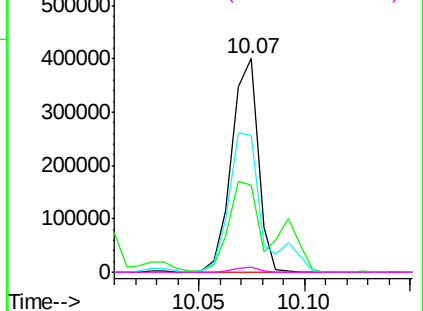
#57
2,4-Dinitrotoluene
Concen: 29.367 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion:	165	Resp:	346159
Ion	Ratio	Lower	Upper
165	100		
63	40.6	35.5	53.3
89	64.0	55.2	82.8
182	2.6	2.2	3.2

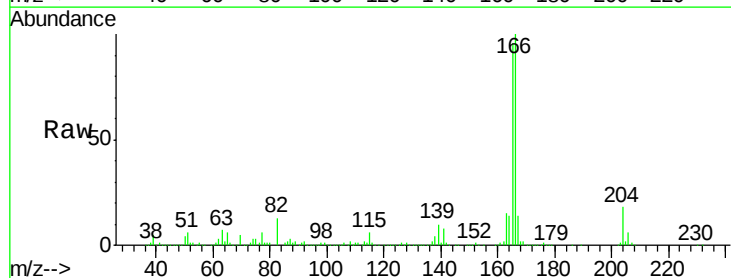


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

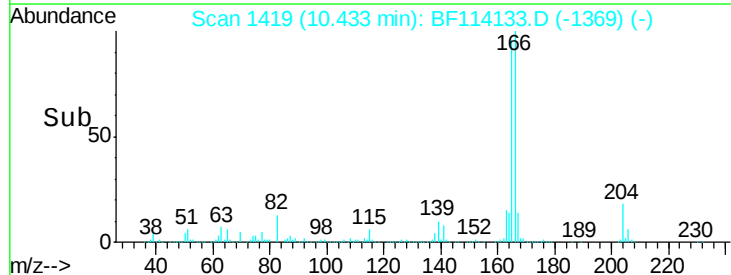
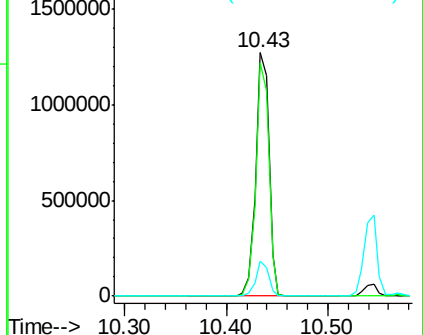


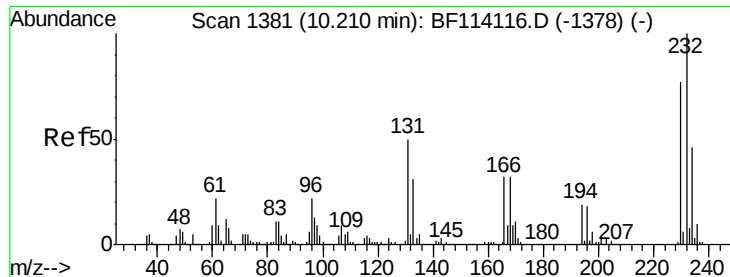
#58
Fluorene
Concen: 31.568 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:	166	Resp:	1157217
Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.1	114.1
167	14.2	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

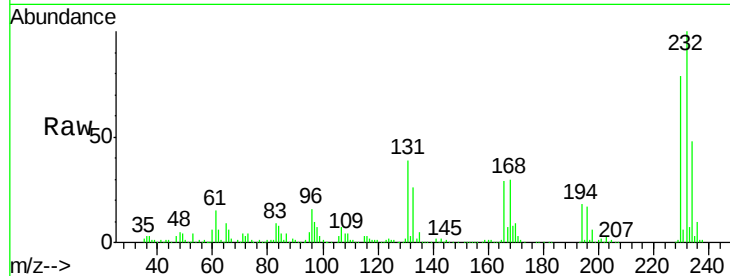




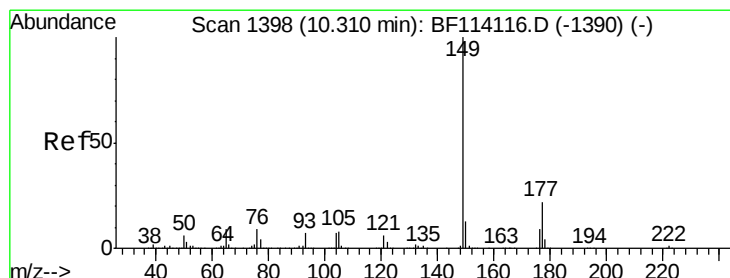
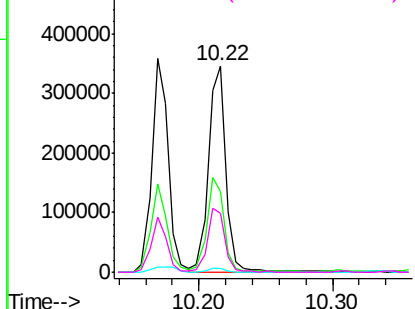
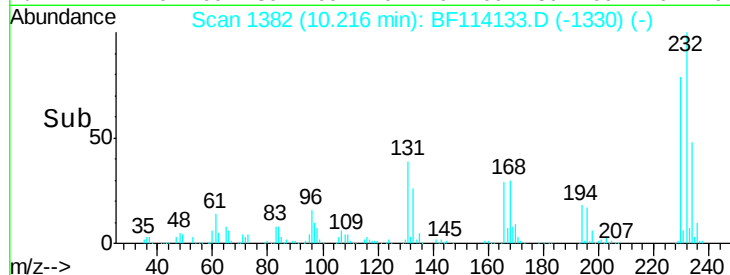
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.033 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

Tgt Ion:232 Resp: 315007
 Ion Ratio Lower Upper
 232 100
 131 44.7 35.6 53.4
 130 2.2 1.6 2.4
 166 30.3 24.1 36.1

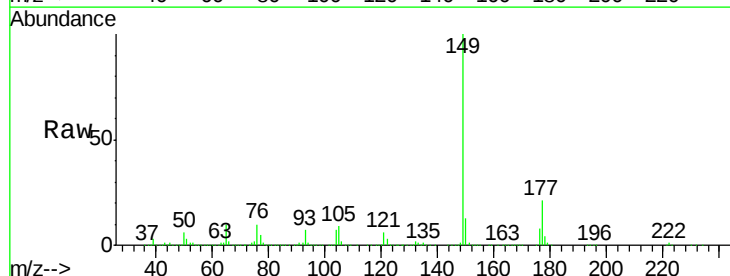


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

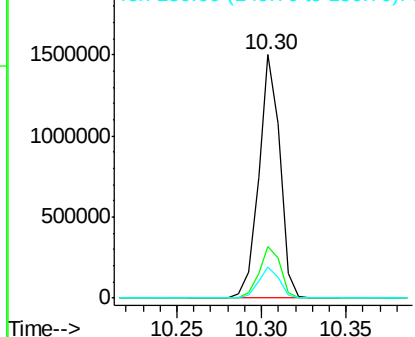
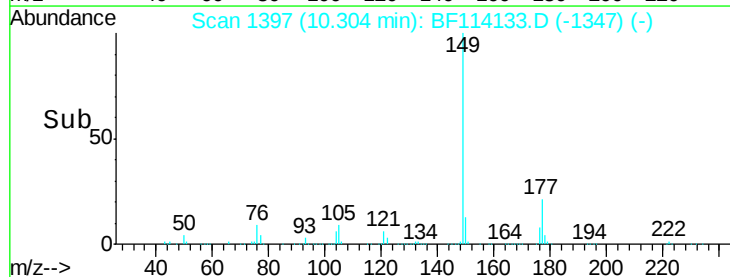


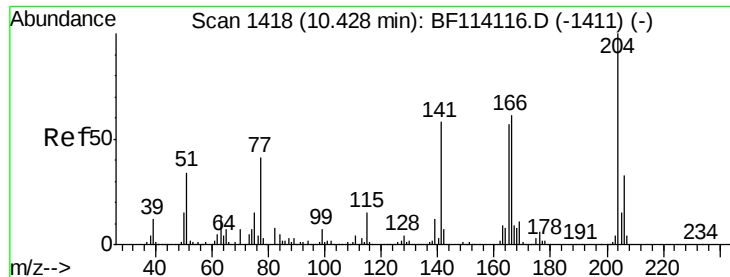
#60
 Diethylphthalate
 Concen: 32.537 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:149 Resp: 1294440
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.8 26.6
 150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

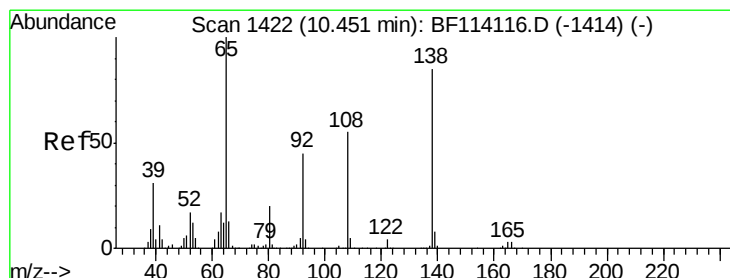
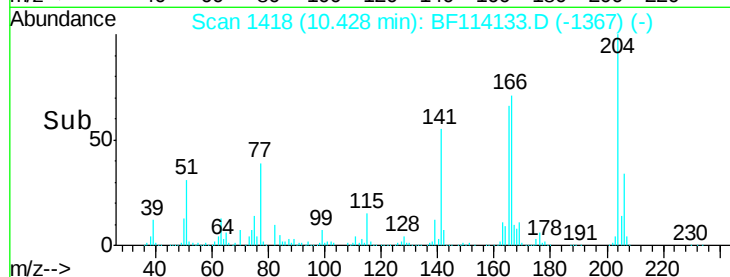
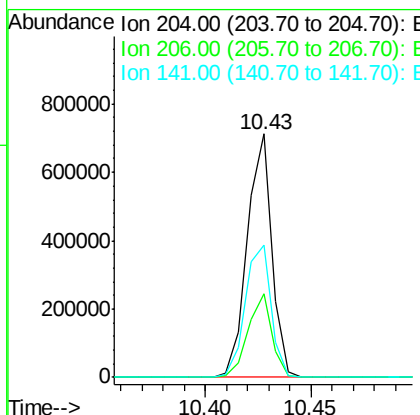
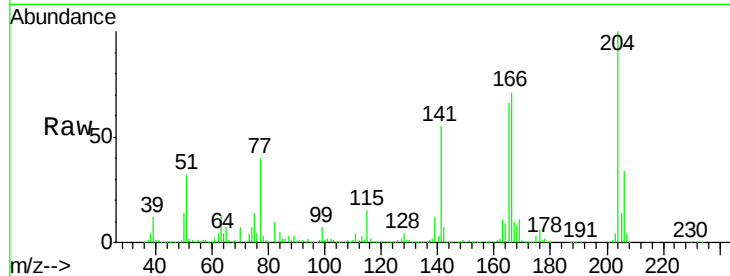




#61
4-Chlorophenyl-phenylether
Concen: 31.960 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

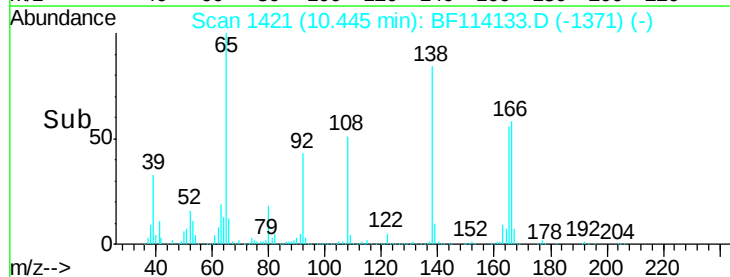
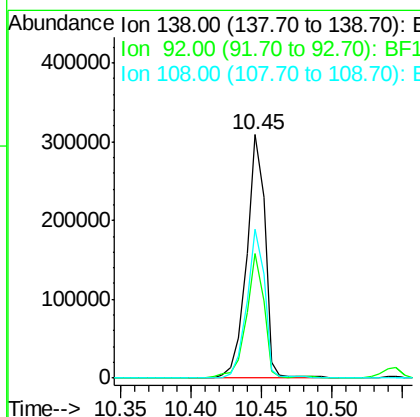
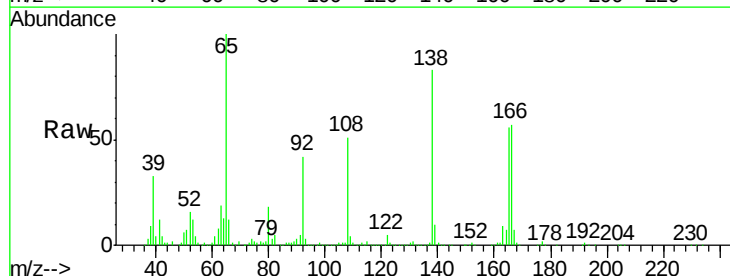
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion:204 Resp: 575422
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 54.6 46.4 69.6



#62
4-Nitroaniline
Concen: 24.954 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:138 Resp: 282680
Ion Ratio Lower Upper
138 100
92 51.0 33.0 73.0
108 60.9 44.9 84.9





#63

Azobenzene

Concen: 30.888 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

Tgt Ion: 77 Resp: 1189439

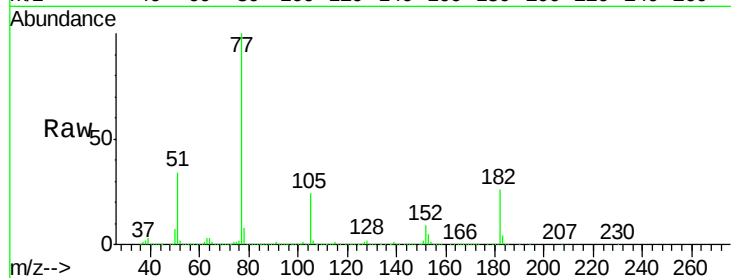
Ion Ratio Lower Upper

77 100

182 25.5 4.7 44.7

105 23.6 2.9 42.9

51 34.0 14.6 54.6

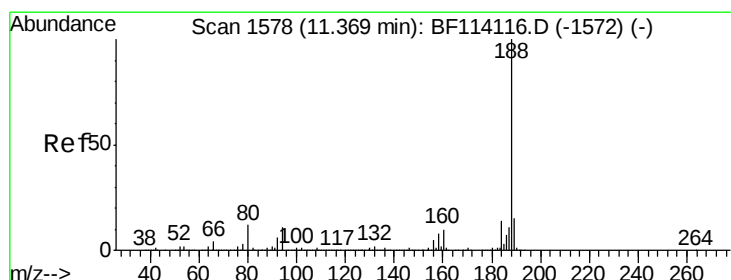
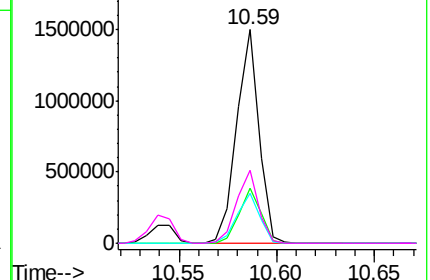
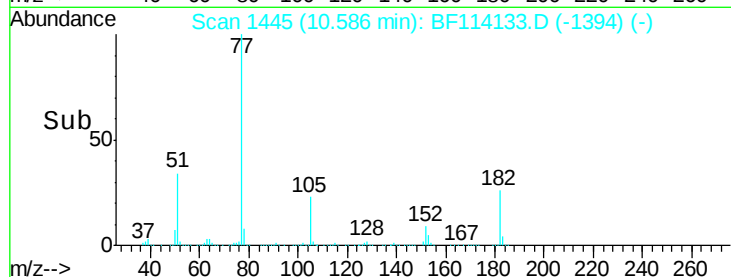


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

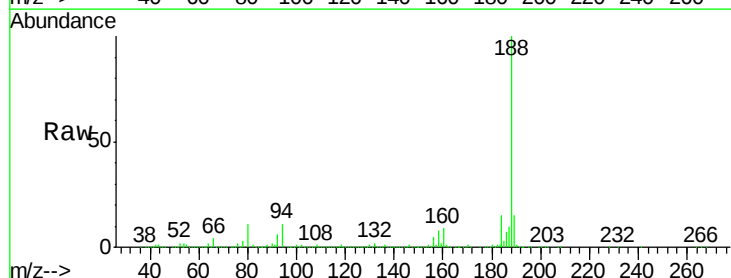
Tgt Ion: 188 Resp: 933656

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

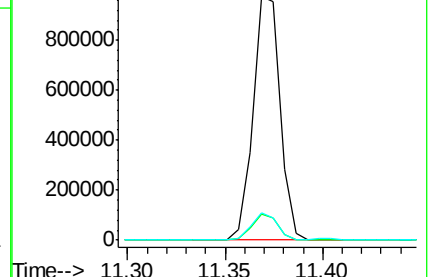
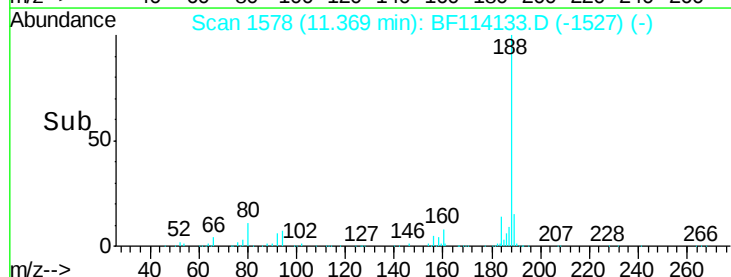
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

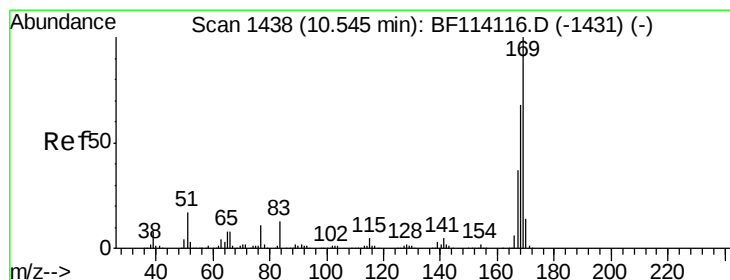
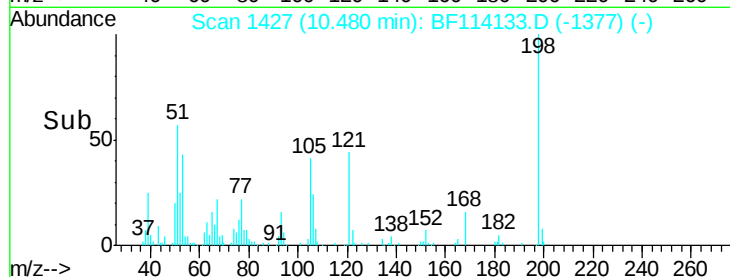
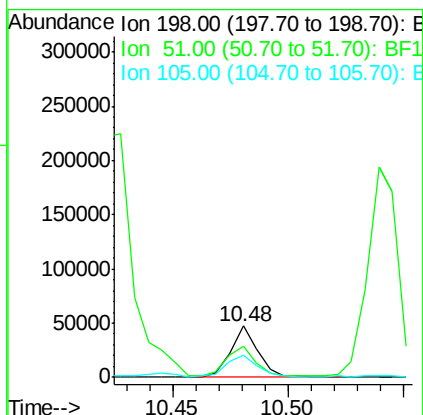
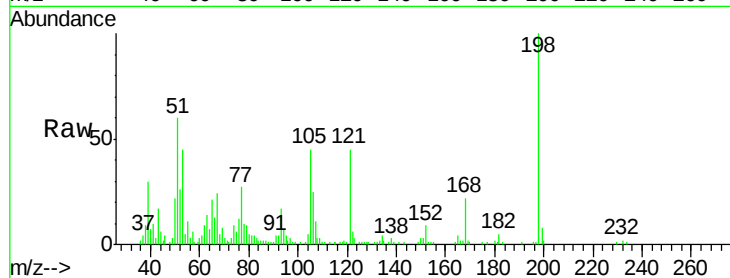




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.721 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

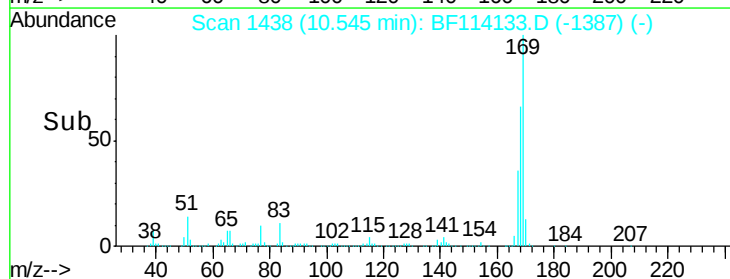
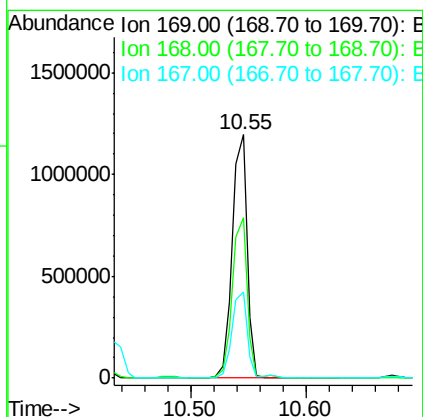
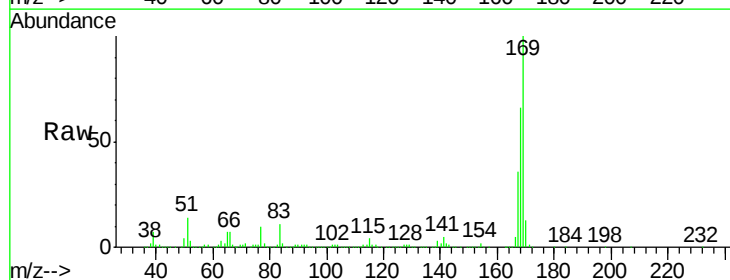
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

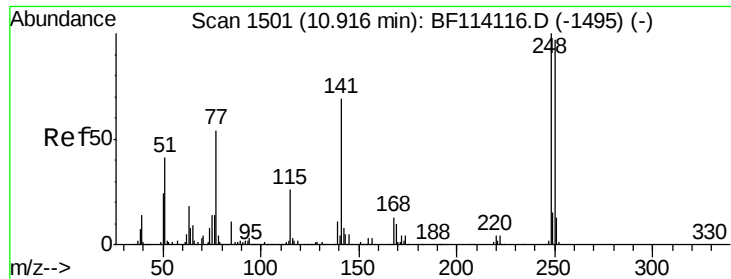
Tgt Ion:198 Resp: 39124
 Ion Ratio Lower Upper
 198 100
 51 60.2 28.0 68.0
 105 44.6 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 37.563 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:169 Resp: 1064406
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.2 81.2
 167 35.5 29.8 44.8

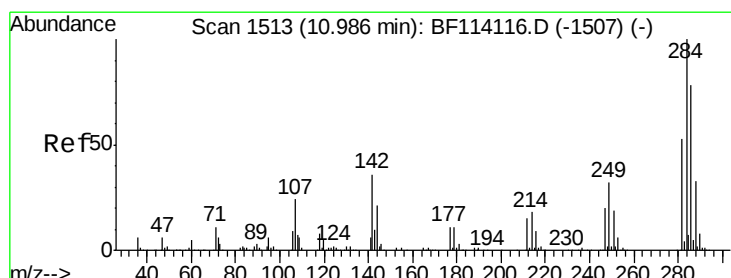
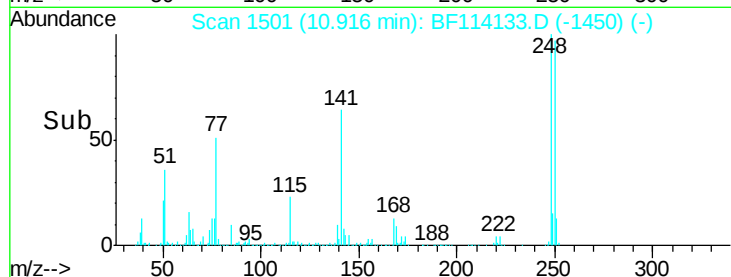
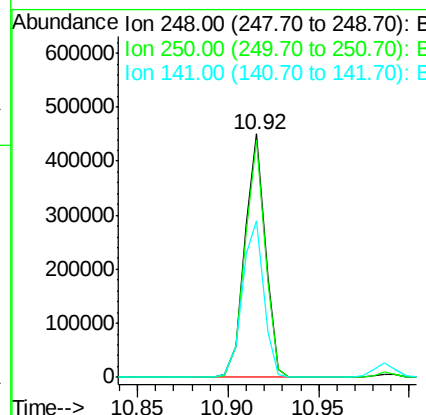
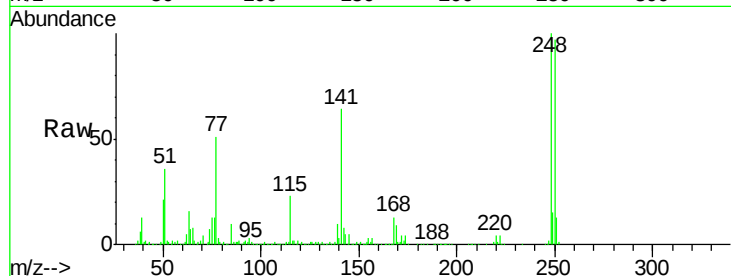




#67
 4-Bromophenyl-phenylether
 Concen: 34.293 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

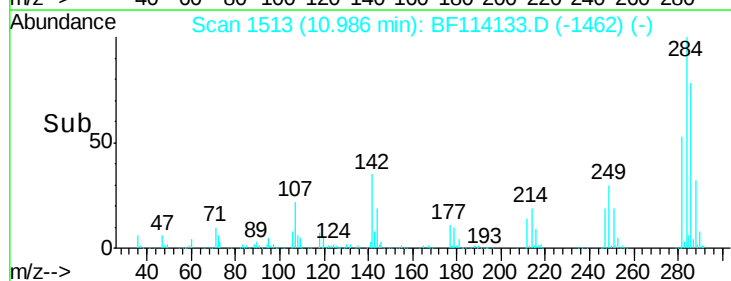
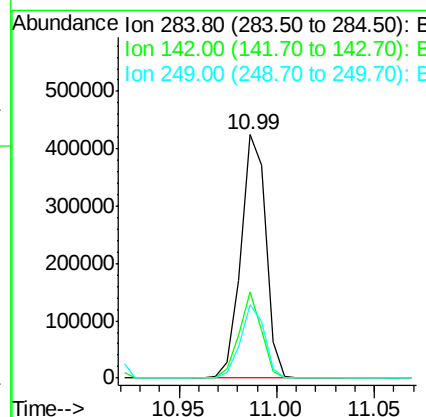
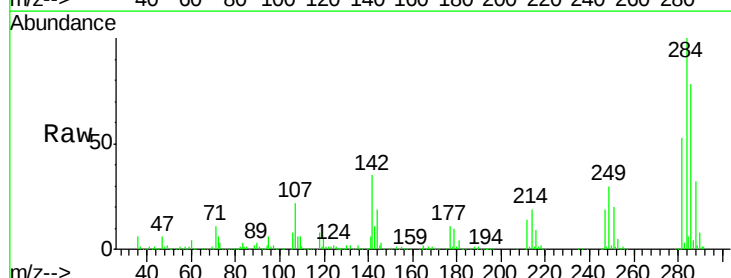
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

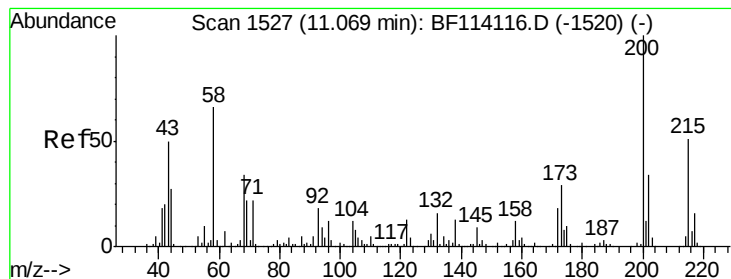
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	64.2	55.6	83.4



#68
 Hexachlorobenzene
 Concen: 33.035 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.4	42.6
249	30.1	25.2	37.8





#69

Atrazine

Concen: 32.706 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

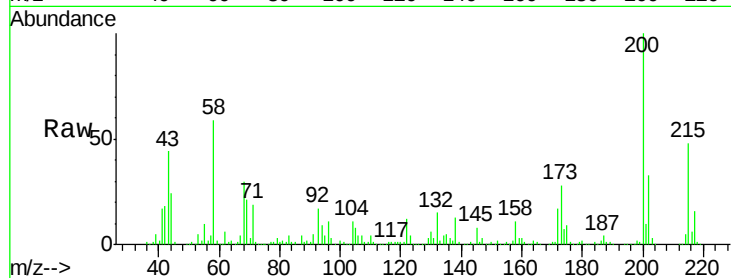
Tgt Ion:200 Resp: 288408

Ion Ratio Lower Upper

200 100

173 27.9 8.9 48.9

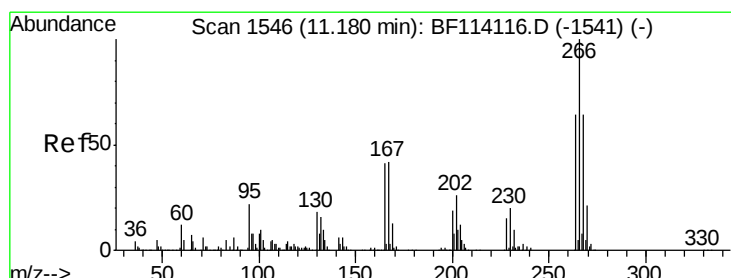
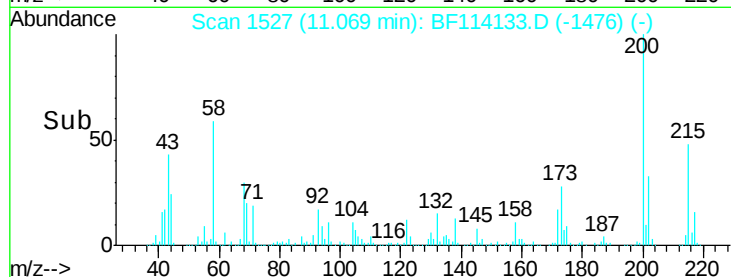
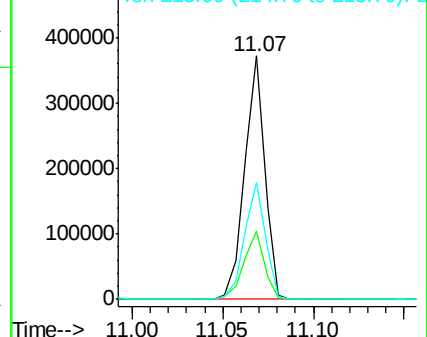
215 48.1 30.7 70.7



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: 71.371 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

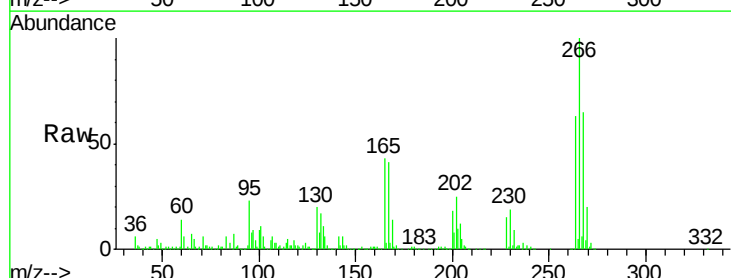
Tgt Ion:266 Resp: 384760

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

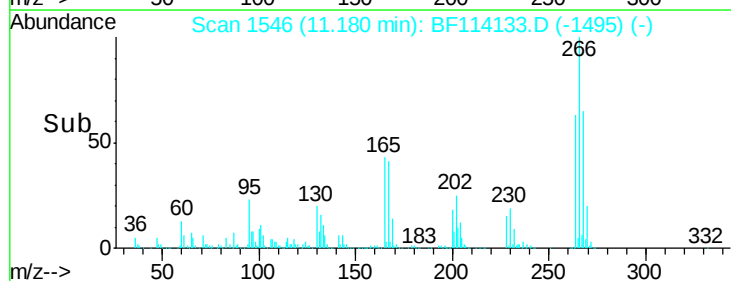
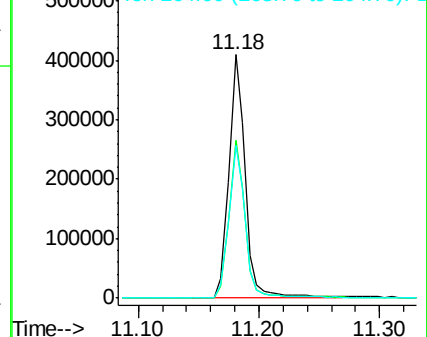
264 62.7 51.1 76.7

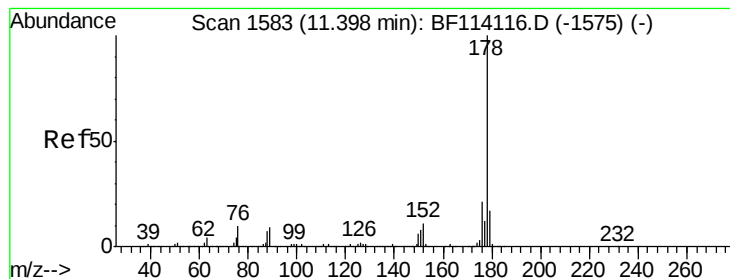


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.615 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

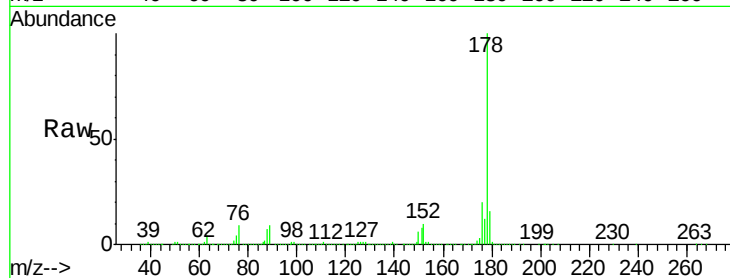
Tgt Ion:178 Resp: 1617775

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

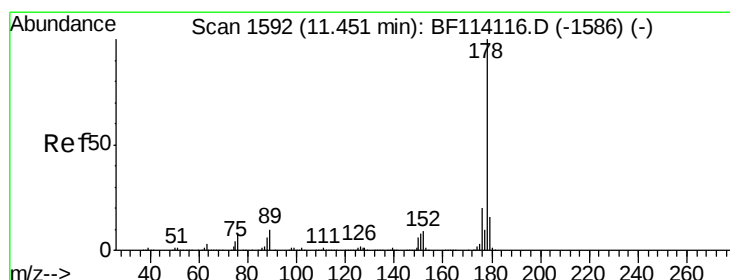
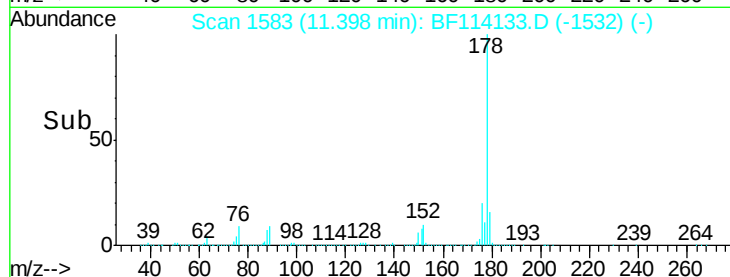
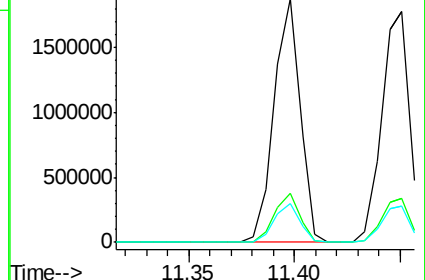
179 15.9 13.2 19.8



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: 35.869 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

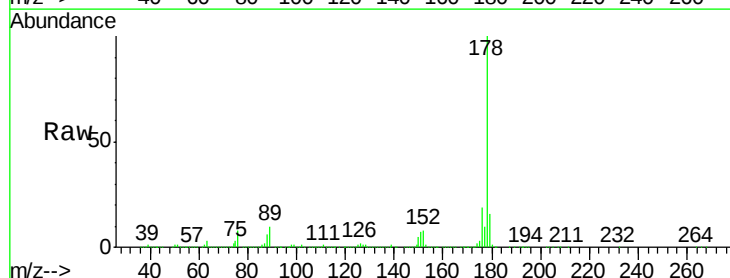
Tgt Ion:178 Resp: 1636503

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

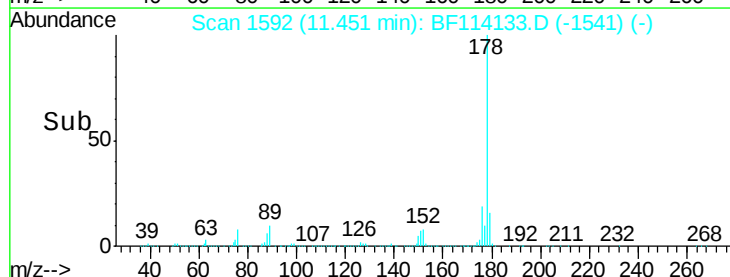
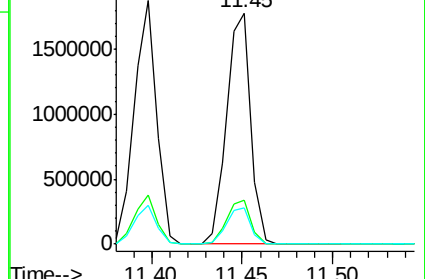
179 15.7 13.0 19.4

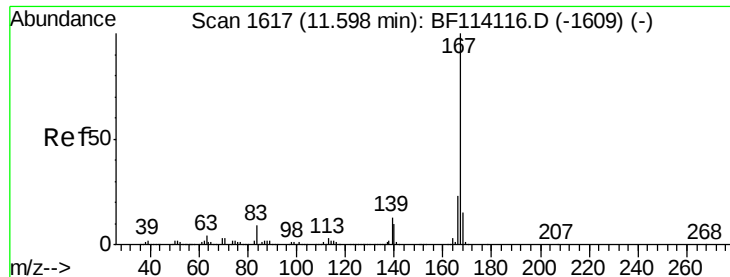


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

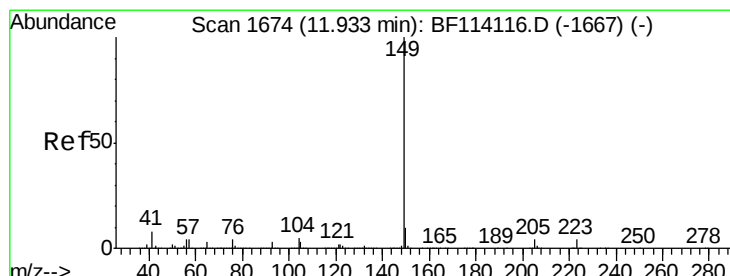
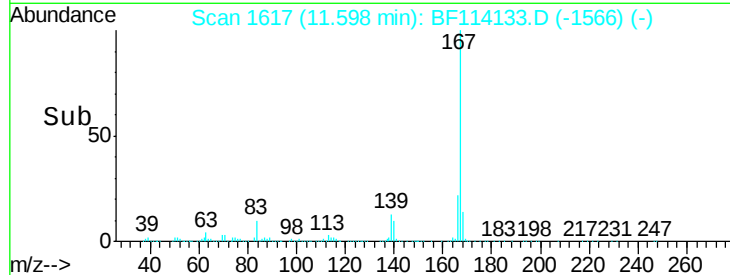
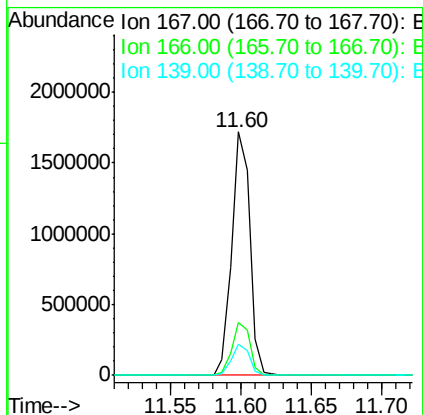
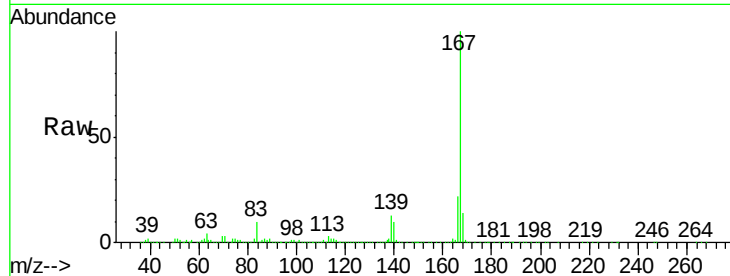




#73
 Carbazole
 Concen: 35.370 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

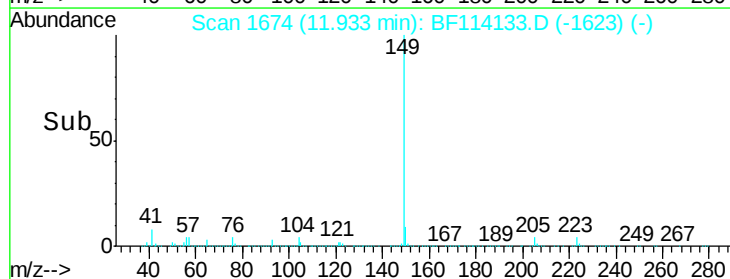
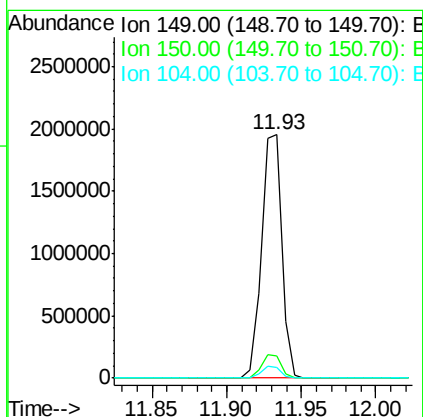
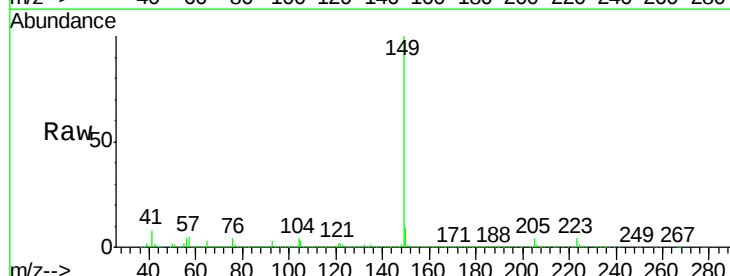
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

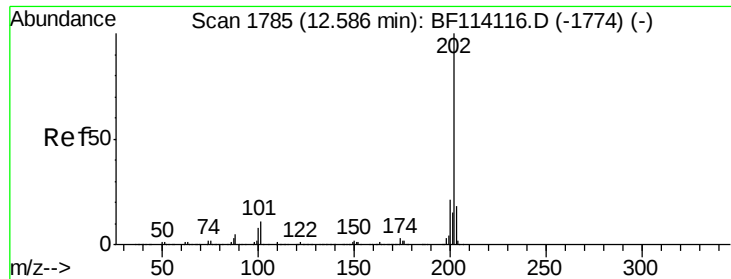
Tgt Ion:167 Resp: 1538824
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 36.028 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

Tgt Ion:149 Resp: 1805853
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 37.477 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

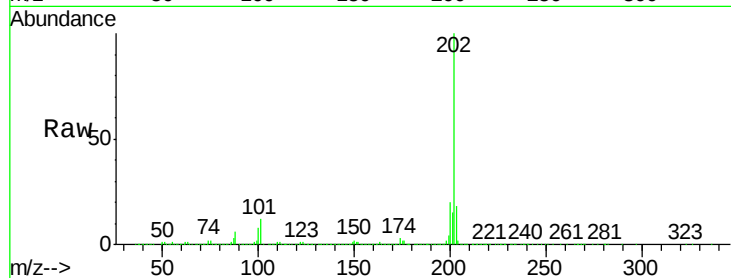
Tgt Ion:202 Resp: 1833184

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.0

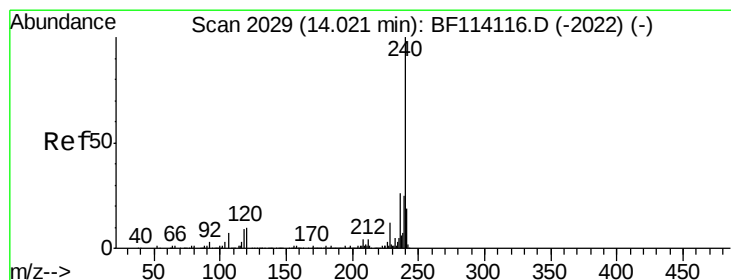
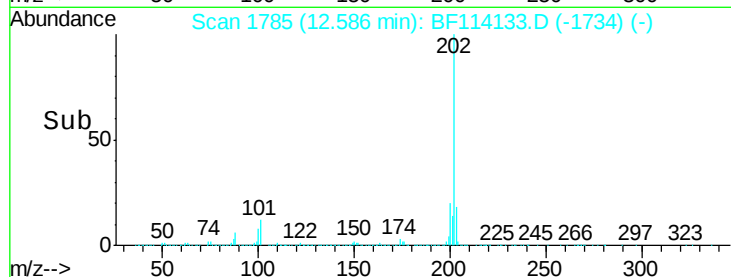
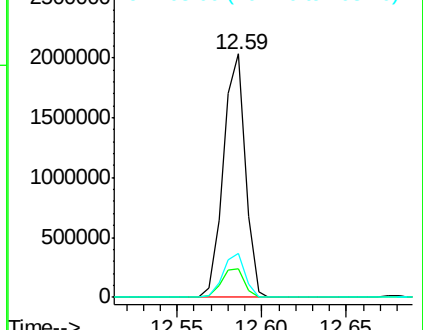
203 18.3 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

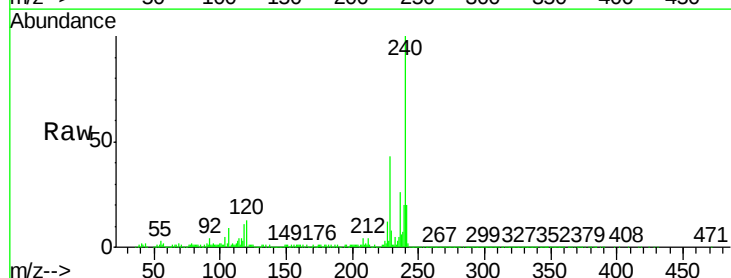
Tgt Ion:240 Resp: 671334

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

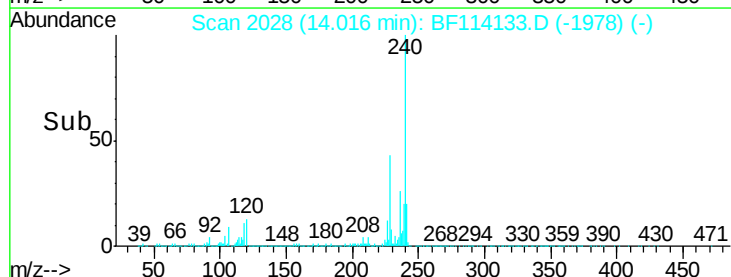
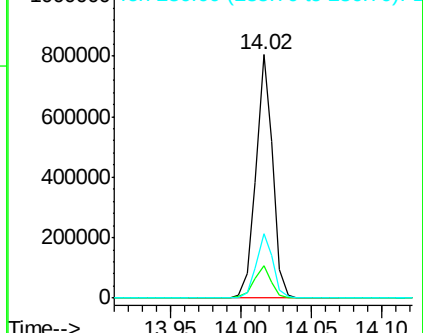
236 26.2 20.8 31.2

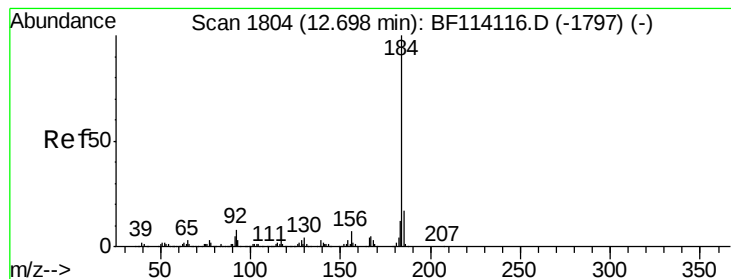


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.331 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

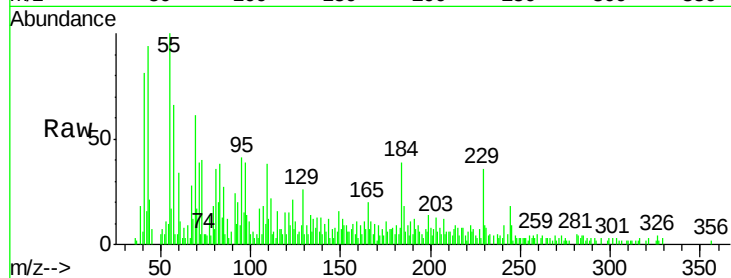
Tgt Ion:184 Resp: 9976

Ion Ratio Lower Upper

184 100

185 45.4 13.6 20.4#

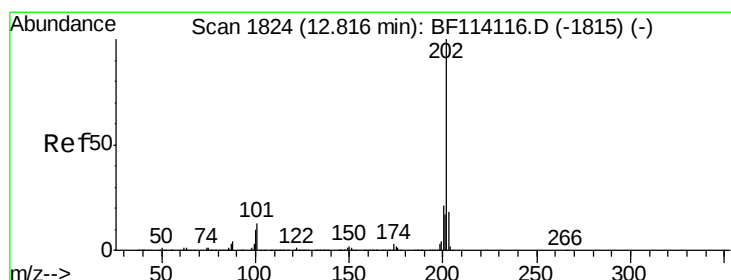
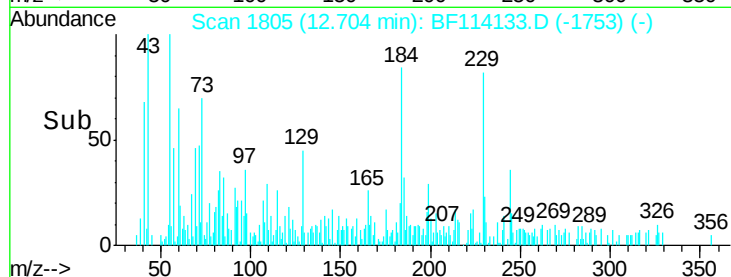
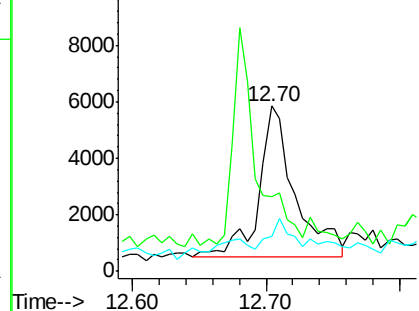
183 21.3 9.2 13.8#



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: 35.258 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

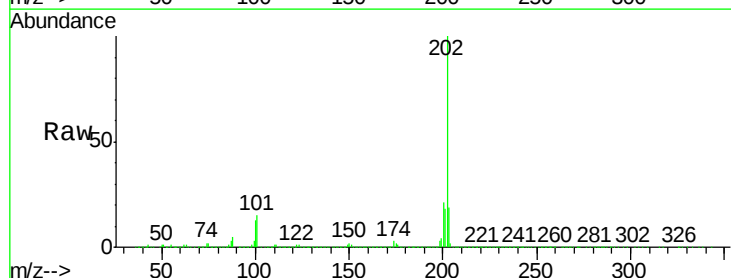
Tgt Ion:202 Resp: 1904108

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

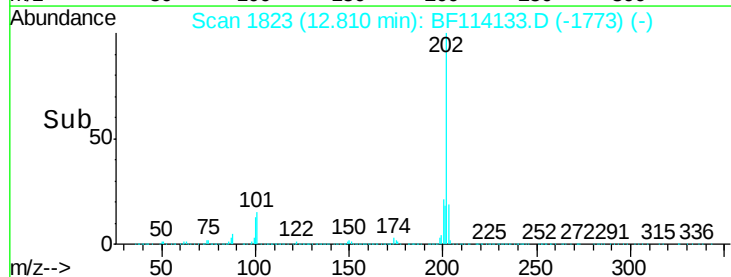
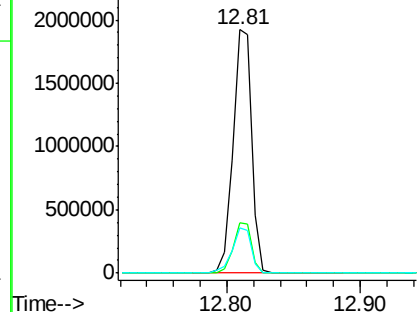
203 18.7 14.5 21.7

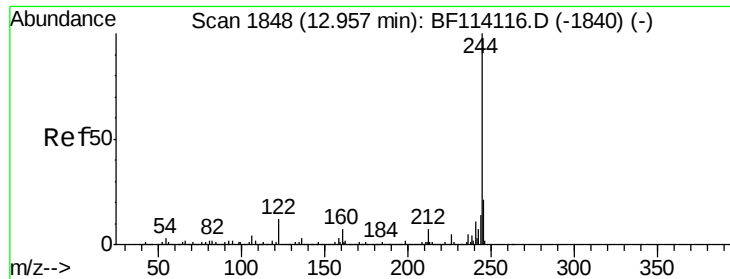


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.207 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

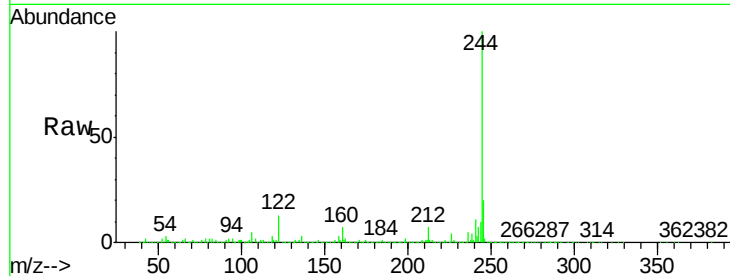
Tgt Ion:244 Resp: 1863029

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

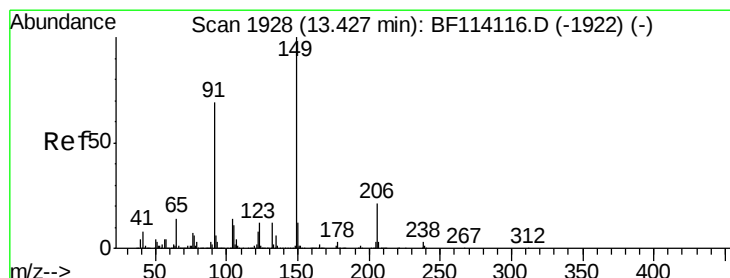
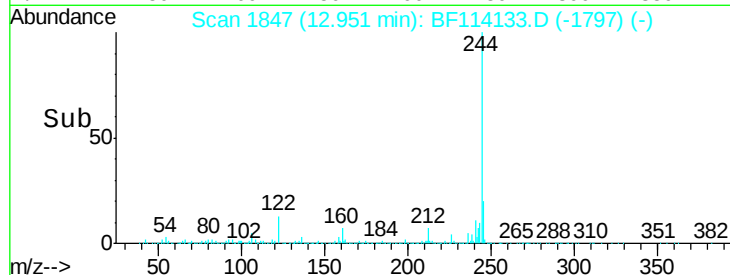
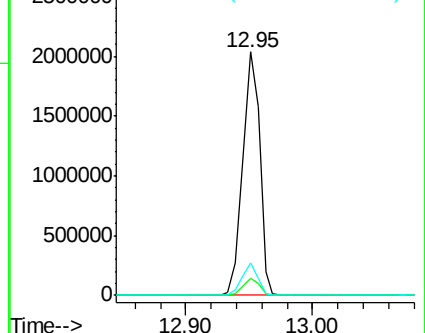
122 13.2 9.4 14.2



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: 35.347 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

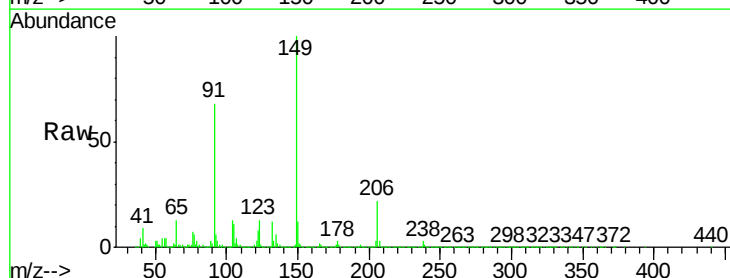
Tgt Ion:149 Resp: 803496

Ion Ratio Lower Upper

149 100

91 68.0 55.0 82.4

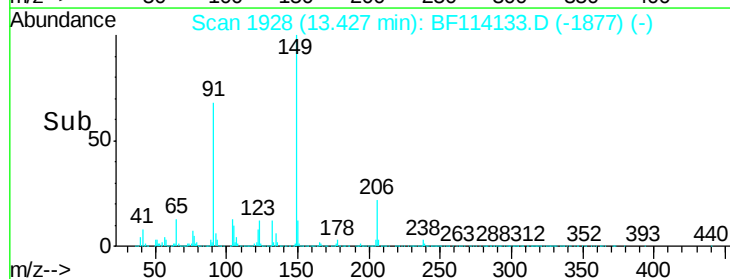
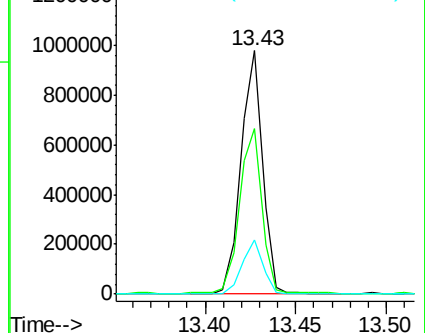
206 22.1 16.9 25.3

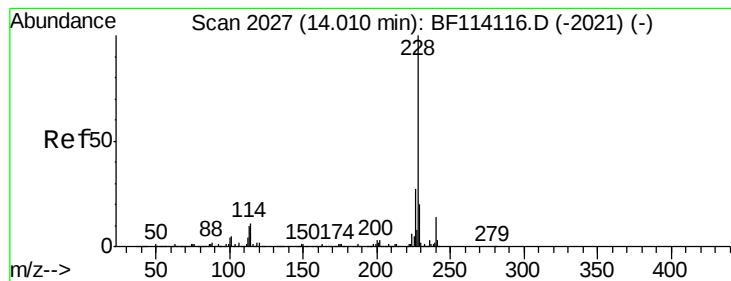


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.685 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

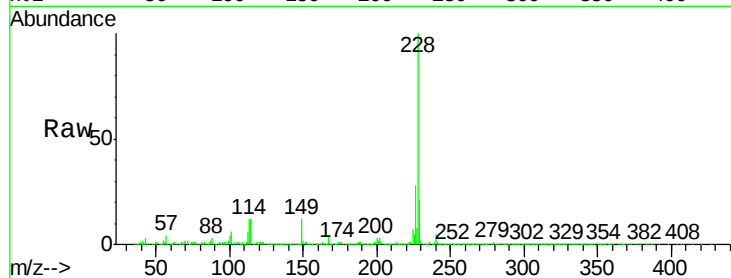
Tgt Ion:228 Resp: 1462675

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

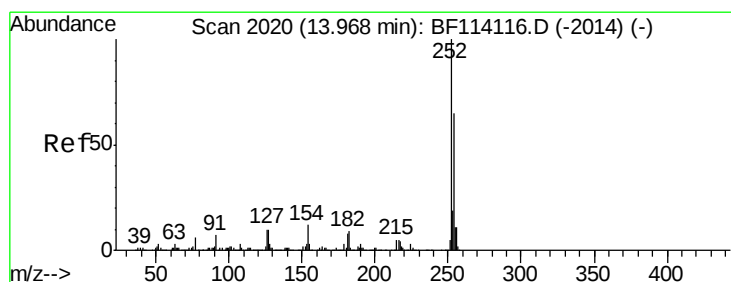
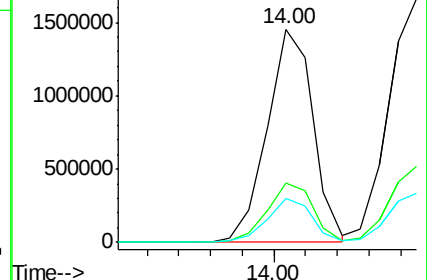
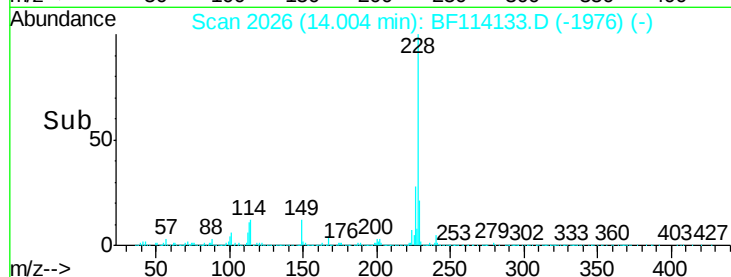
229 20.9 16.4 24.6



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: 15.818 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

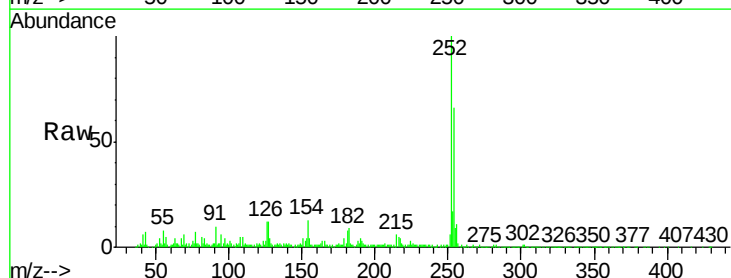
Tgt Ion:252 Resp: 266452

Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

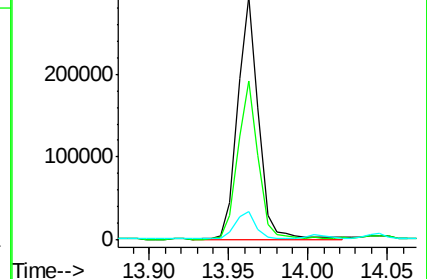
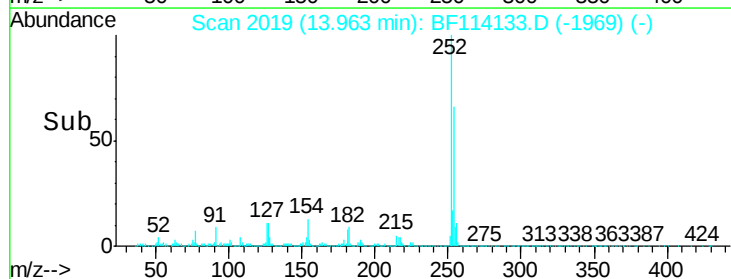
126 11.7 7.9 11.9

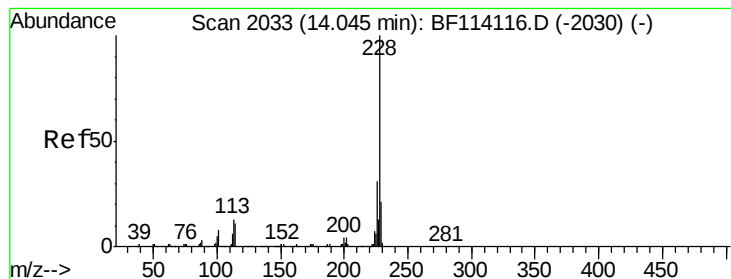


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.825 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

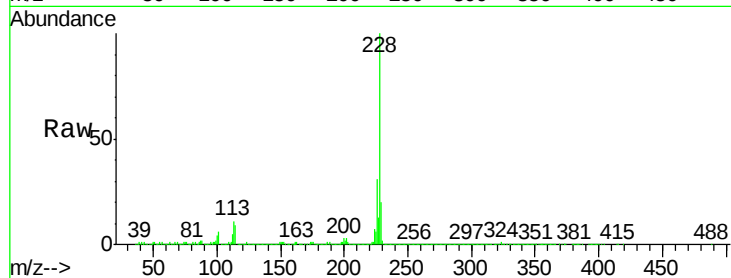
Tgt Ion:228 Resp: 1482346

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

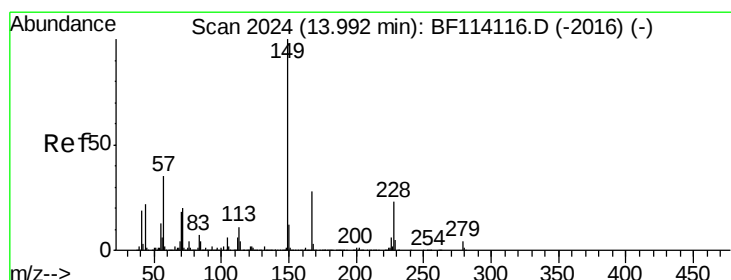
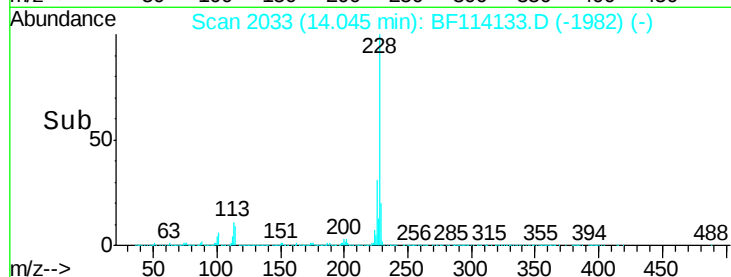
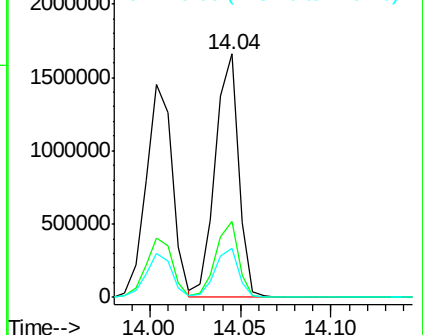
229 20.3 17.0 25.6



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: 35.378 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

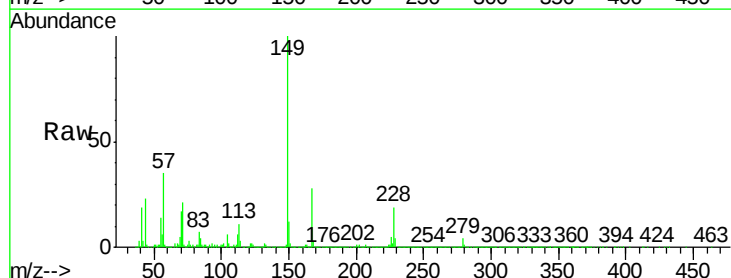
Tgt Ion:149 Resp: 1051774

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

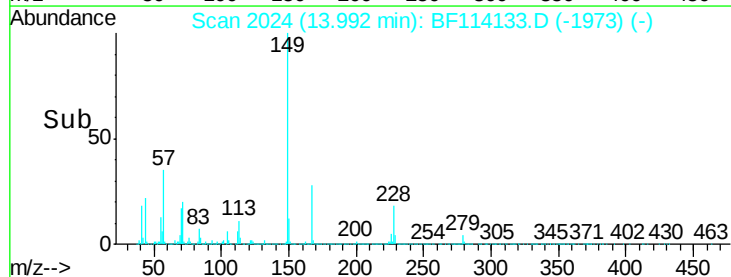
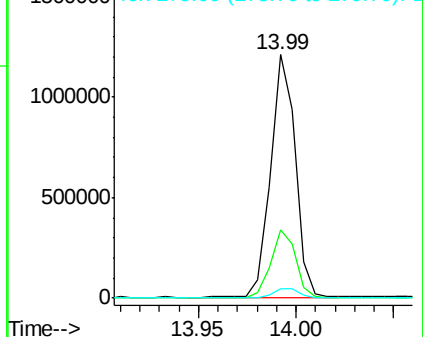
279 3.8 3.0 4.6

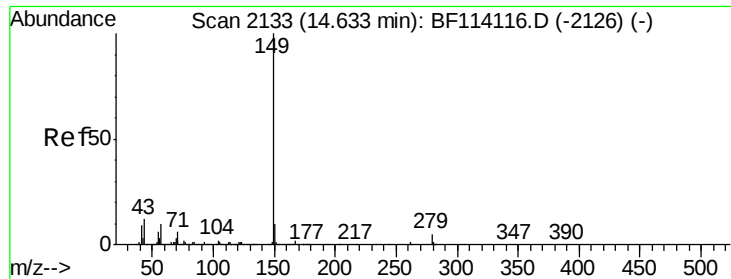


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.082 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

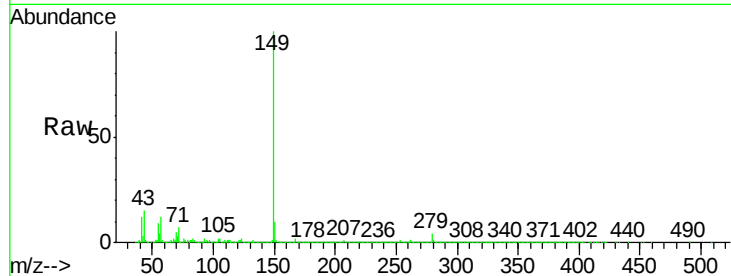
Tgt Ion:149 Resp: 1787102

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

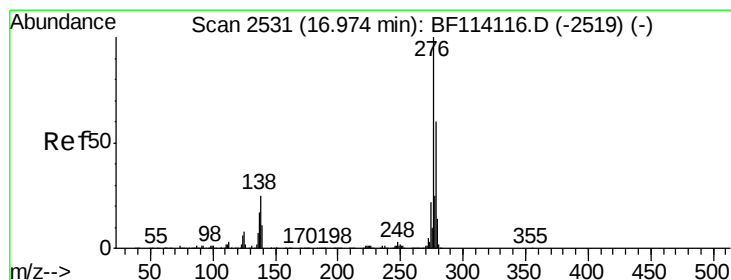
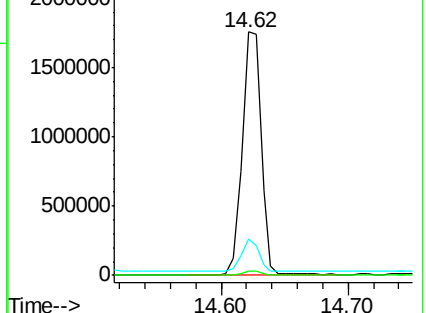
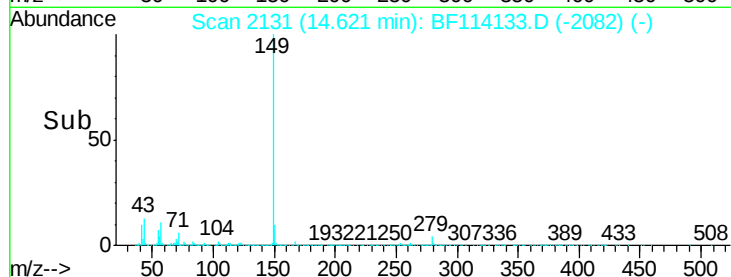
43 12.3 10.1 15.1



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: 30.794 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

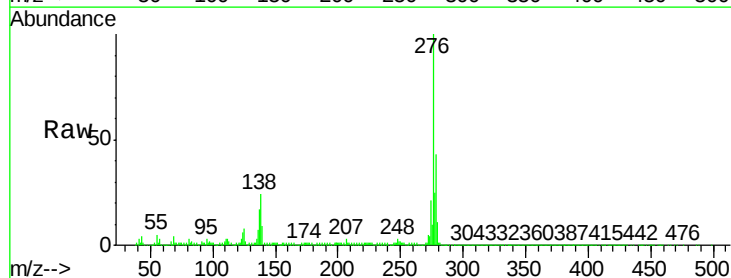
Tgt Ion:276 Resp: 1158426

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

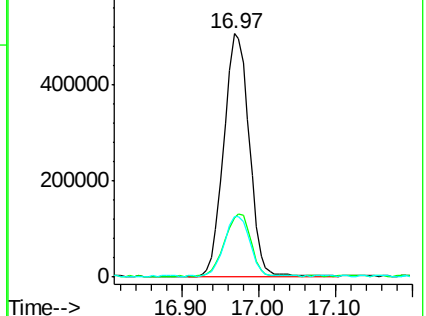
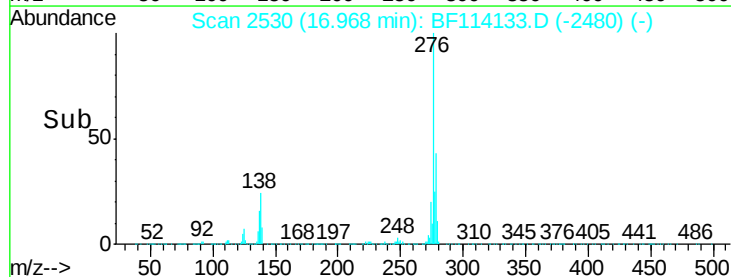
277 25.2 20.0 30.0

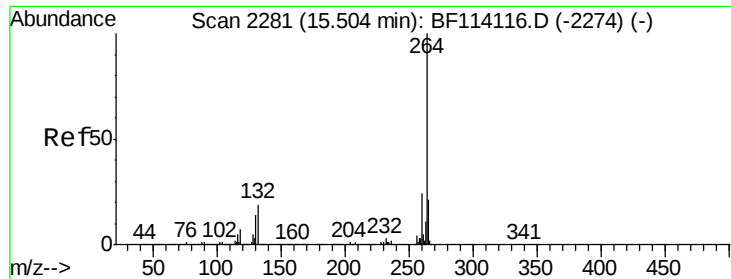


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



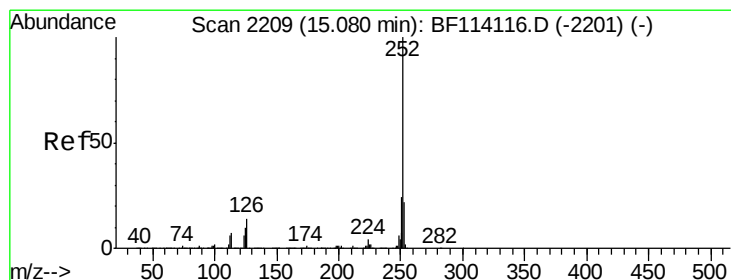
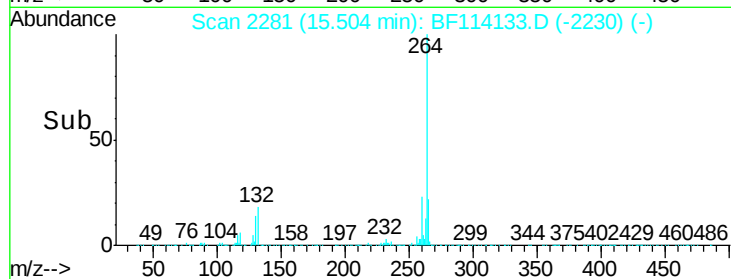
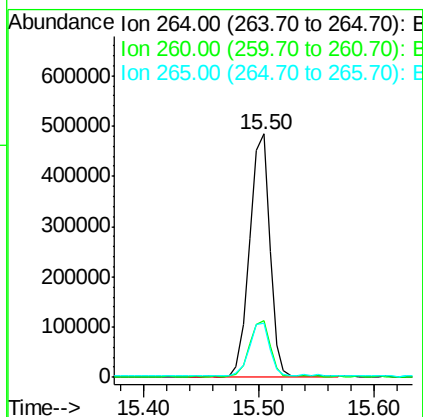
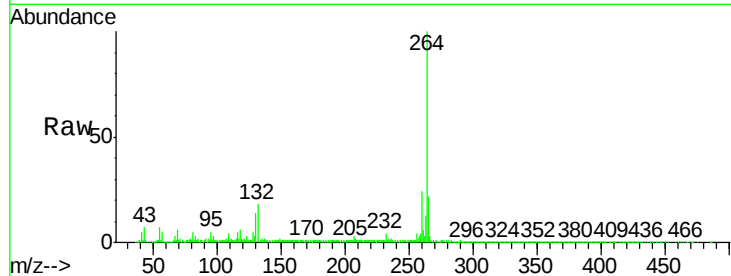


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

Tgt Ion: 264 Resp: 588611

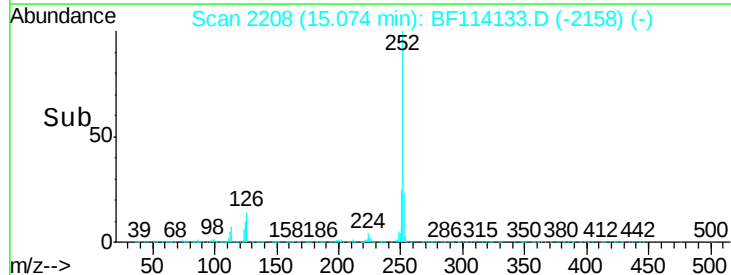
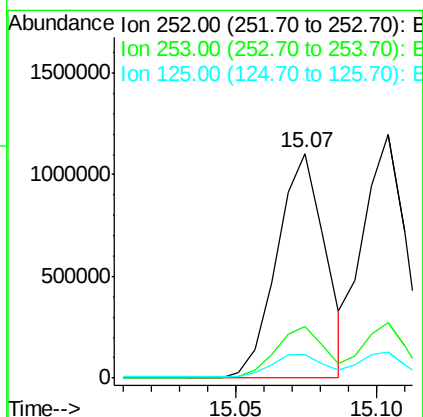
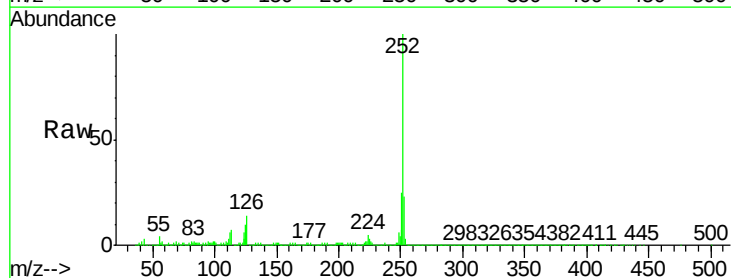
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.2	16.9	25.3

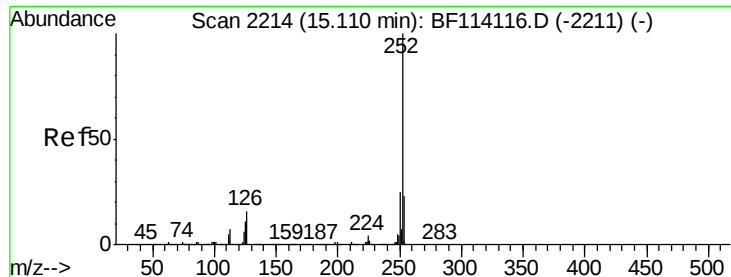


#88
Benzo(b)fluoranthene
Concen: 34.634 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion: 252 Resp: 1306035

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.4	8.3	12.5

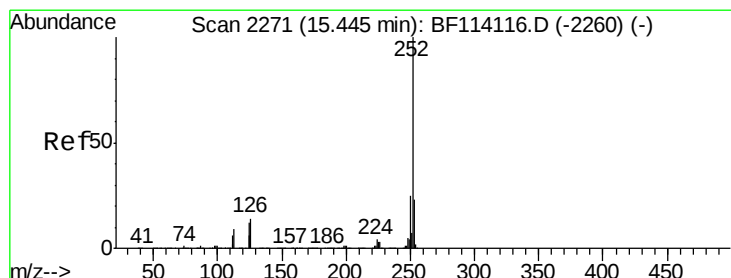
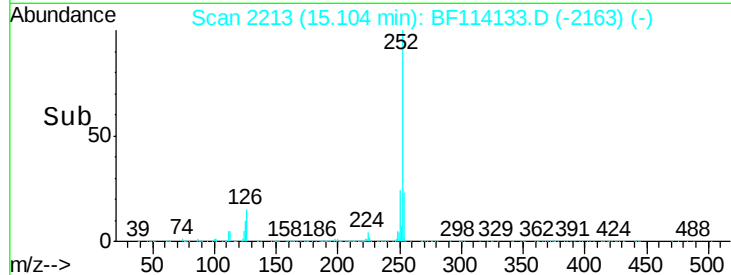
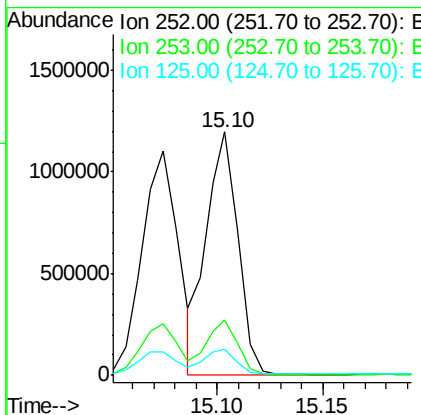
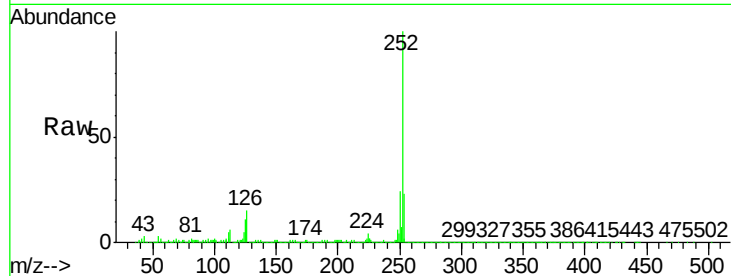




#89
Benzo(k)fluoranthene
Concen: 35.762 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

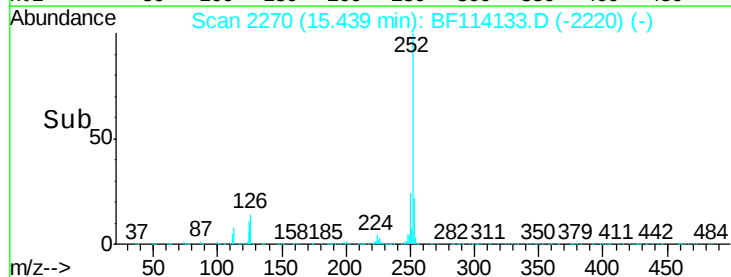
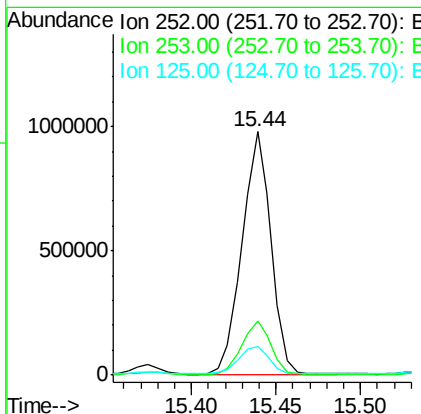
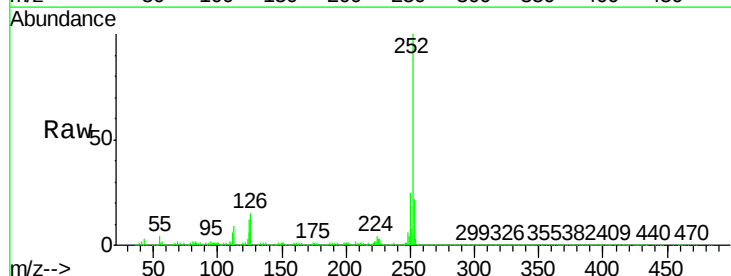
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

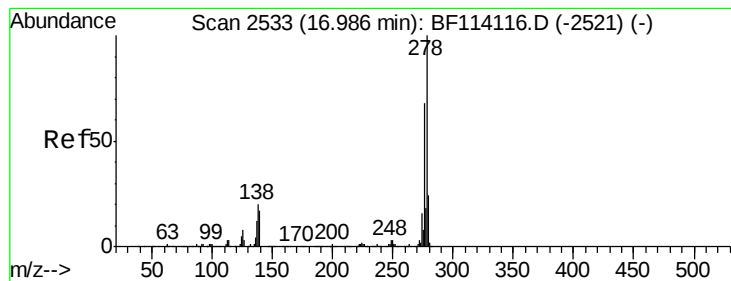
Tgt Ion:252 Resp: 1238819
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 35.166 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

Tgt Ion:252 Resp: 1167094
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 35.055 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

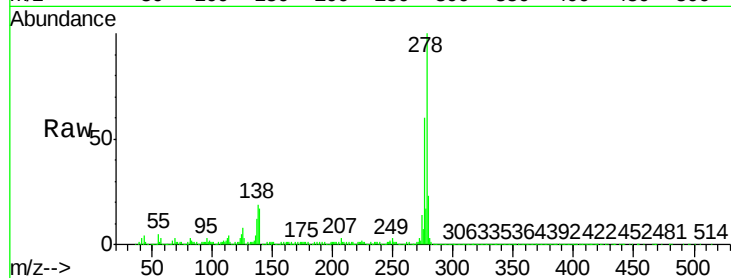
Tgt Ion:278 Resp: 966741

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

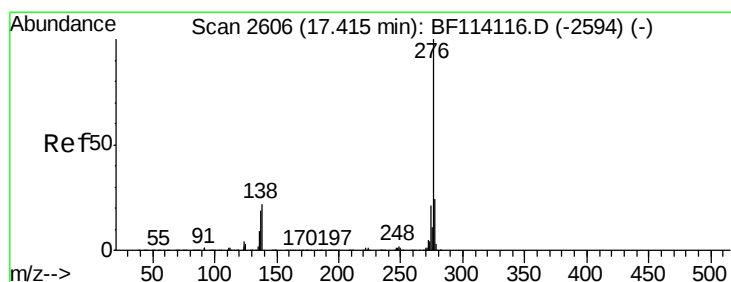
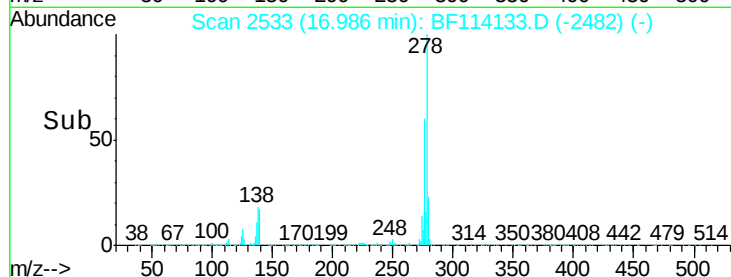
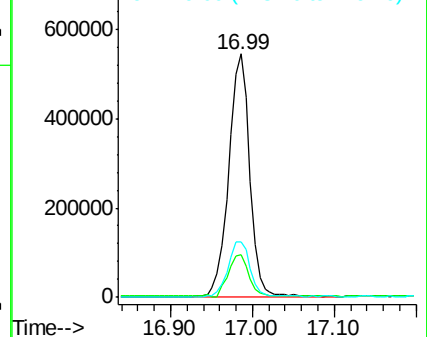
279 22.9 19.0 28.6



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: 34.900 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BF114133.D

Acq: 10 May 2019 21:01

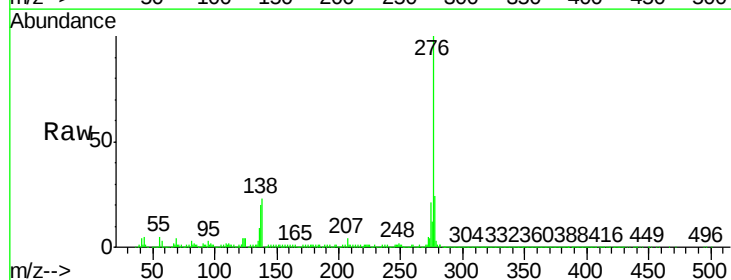
Tgt Ion:276 Resp: 964512

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

