

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

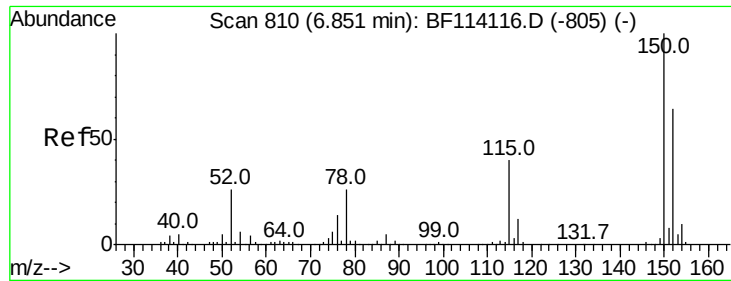
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	67026	12.747	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	397539	35.772	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	395747	34.723	nq	97
46) 1,1'-Biphenyl	9.31	154	1575538	36.565	nq	98
47) 2-Chloronaphthalene	9.33	162	1180727	34.049	nq	99
48) 2-Nitroaniline	9.43	65	422796	34.378	nq	99
49) Acenaphthylene	9.75	152	1803258	34.190	nq	99
50) Dimethylphthalate	9.61	163	1765954	45.102	nq	99
51) 2,6-Dinitrotoluene	9.67	165	282334	32.510	nq	93
52) Acenaphthene	9.92	154	1086188	33.560	nq	98
53) 3-Nitroaniline	9.83	138	242731	22.516	nq	99
54) 2,4-Dinitrophenol	9.95	184	56231	18.536	nq	95
55) Dibenzofuran	10.09	168	1568224	33.044	nq	97
56) 4-Nitrophenol	10.00	139	461324	60.511	nq	95
57) 2,4-Dinitrotoluene	10.07	165	346159	29.367	nq	94
58) Fluorene	10.43	166	1157217	31.568	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	315007	32.033	nq	100
60) Diethylphthalate	10.30	149	1294440	32.537	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	575422	31.960	nq	96
62) 4-Nitroaniline	10.45	138	282680	24.954	nq	96
63) Azobenzene	10.59	77	1189439	30.888	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	39124	8.721	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1064406	37.563	nq	97
67) 4-Bromophenyl-phenylether	10.92	248	352527	34.293	nq	97
68) Hexachlorobenzene	10.99	284	375688	33.035	nq	99
69) Atrazine	11.07	200	288408	32.706	nq	97
70) Pentachlorophenol	11.18	266	384760	71.371	nq	99
71) Phenanthrene	11.40	178	1617775	35.615	nq	99
72) Anthracene	11.45	178	1636503	35.869	nq	98
73) Carbazole	11.60	167	1538824	35.370	nq	99
74) Di-n-butylphthalate	11.93	149	1805853	36.028	nq	99
75) Fluoranthene	12.59	202	1833184	37.477	nq	99
78) Pyrene	12.81	202	1904108	35.258	nq	99
80) Butylbenzylphthalate	13.43	149	803496	35.347	nq	99
81) Benzo(a)anthracene	14.00	228	1462675	33.685	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	266452	15.818	nq	99
83) Chrysene	14.04	228	1482346	34.825	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1051774	35.378	nq	100
85) Di-n-octyl phthalate	14.62	149	1787102	37.082	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1158426	30.794	nq	98
88) Benzo(b)fluoranthene	15.07	252	1306035	34.634	nq	99
89) Benzo(k)fluoranthene	15.10	252	1238819	35.762	nq	100
90) Benzo(a)pyrene	15.44	252	1167094	35.166	nq	100
91) Dibenzo(a,h)anthracene	16.99	278	966741	35.055	nq	99
92) Benzo(g,h,i)perylene	17.42	276	964512	34.900	nq	99

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

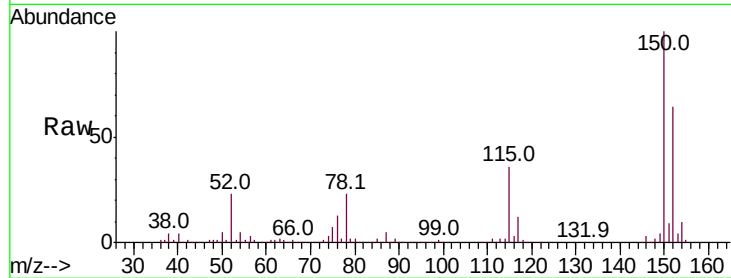


#1

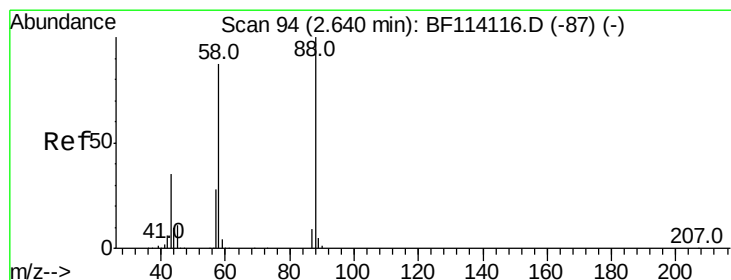
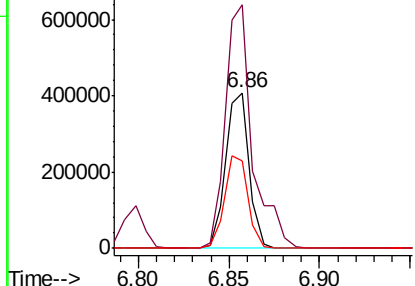
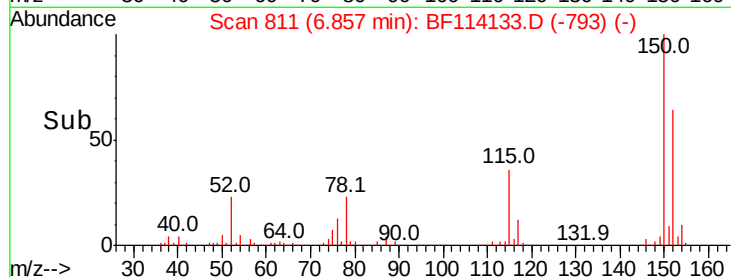
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

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



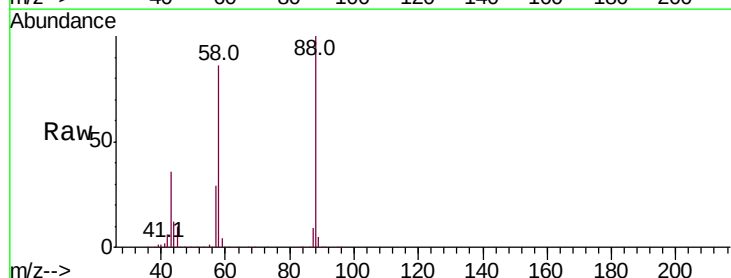
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



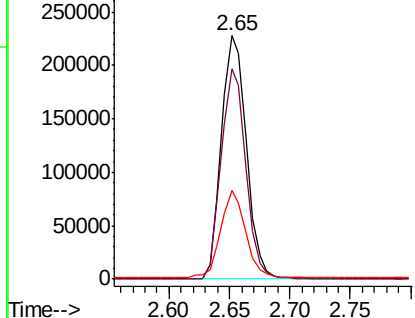
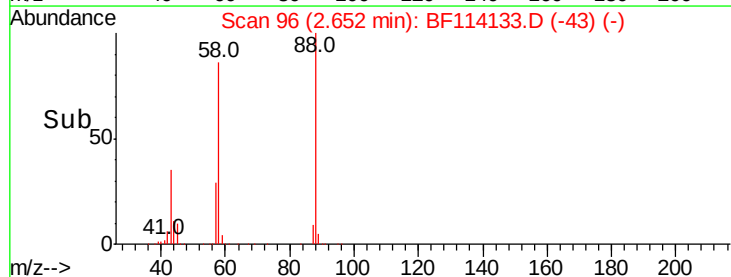
#2

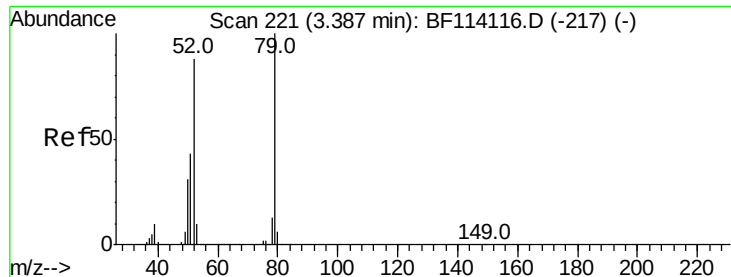
1,4-Dioxane
Concen: 26.057 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Pvridine

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

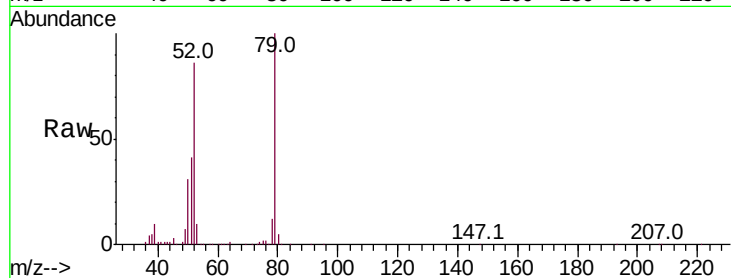
Tot Ion: 79 Resp: 852923

Ion Ratio Lower Upper

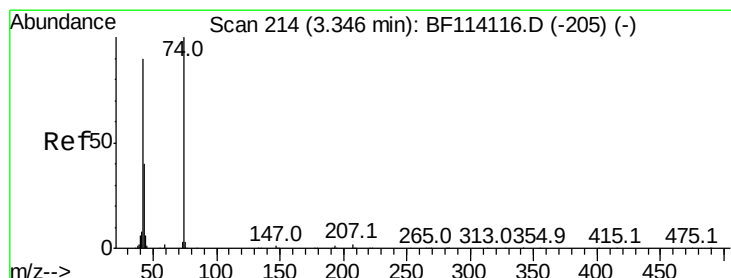
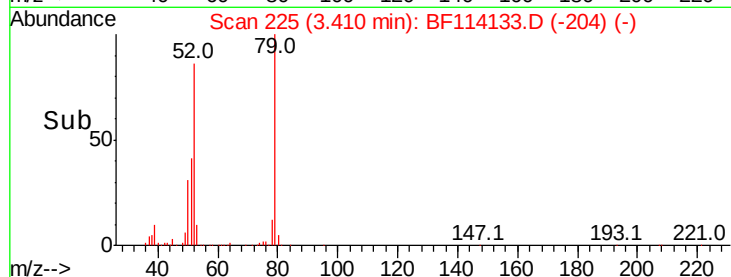
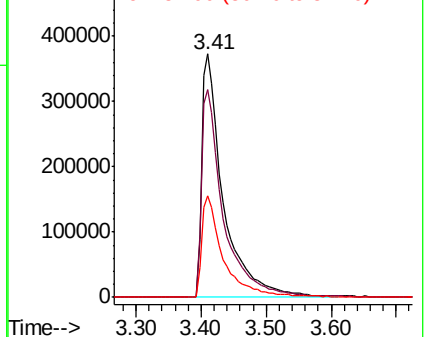
79 100

52 85.6 70.6 105.8

51 41.5 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 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

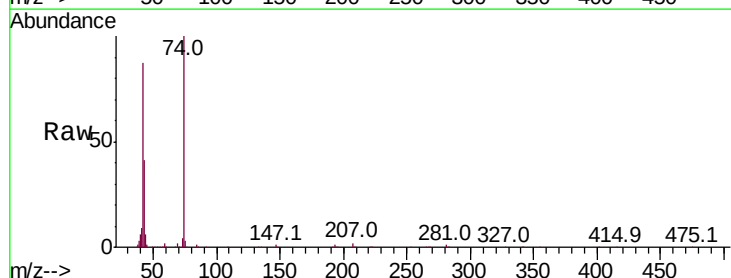
Tgt Ion: 42 Resp: 486542

Ion Ratio Lower Upper

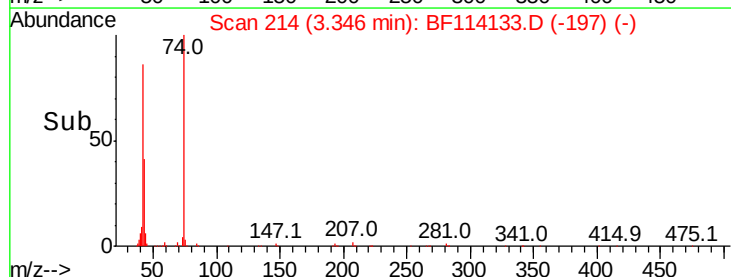
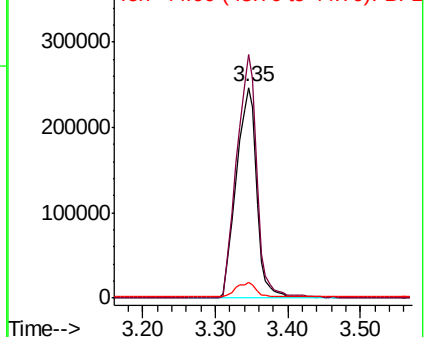
42 100

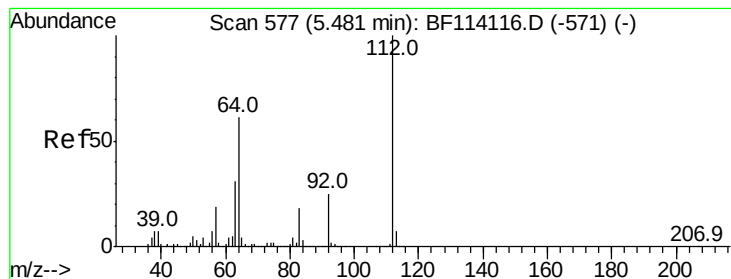
74 115.5 88.6 132.8

44 7.3 5.5 8.3



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





#5

2-Fluorophenol

Concen: 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

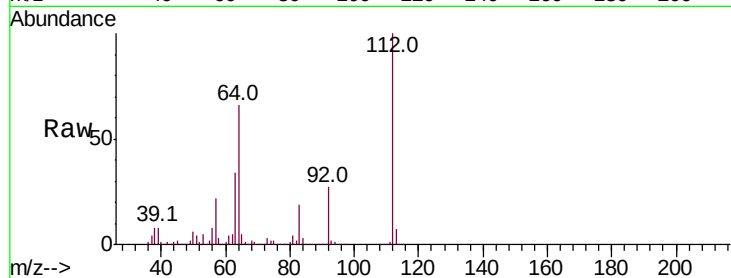
Tot Ion:112 Resp: 1988511

Ion Ratio Lower Upper

112 100

64 66.0 49.0 73.6

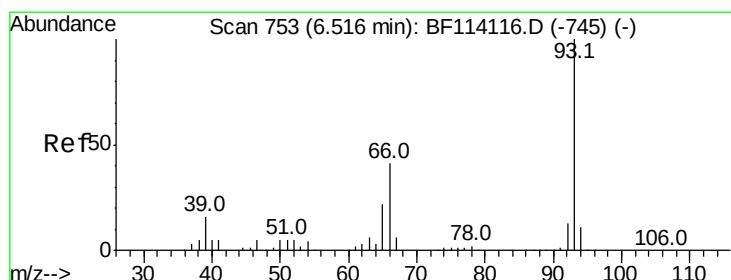
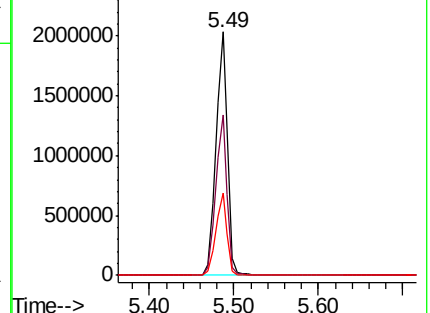
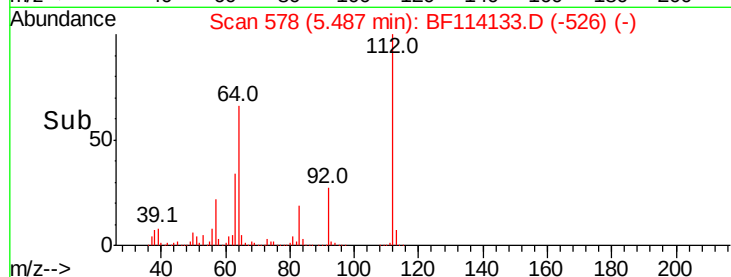
63 33.6 24.6 37.0



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

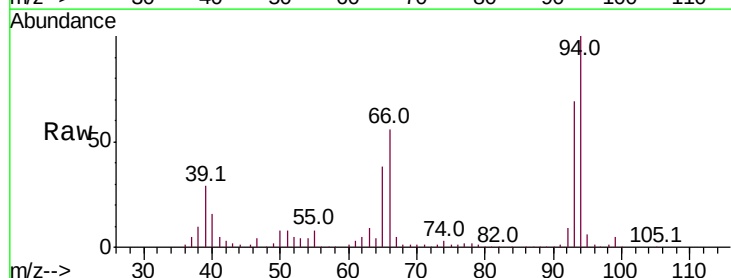
Tgt Ion: 93 Resp: 359436

Ion Ratio Lower Upper

93 100

66 81.4 33.2 49.8#

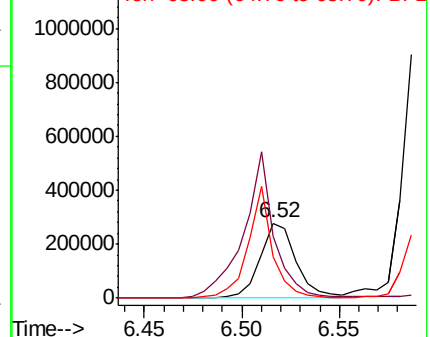
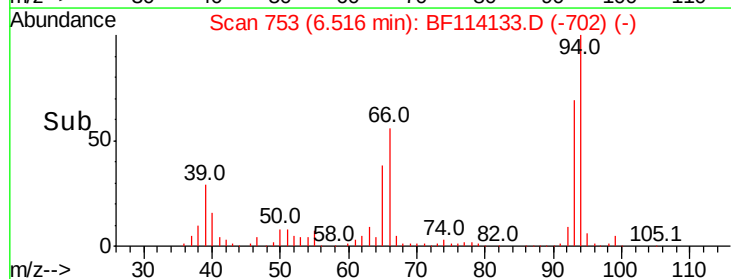
65 54.3 17.6 26.4#

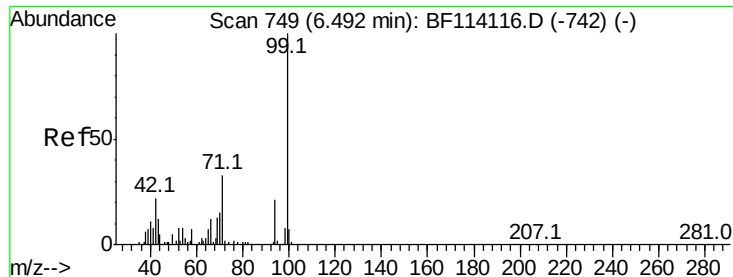


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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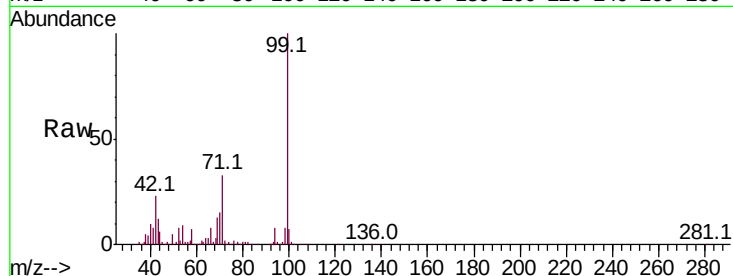
Tot Ion: 99 Resp: 2564888

Ion Ratio Lower Upper

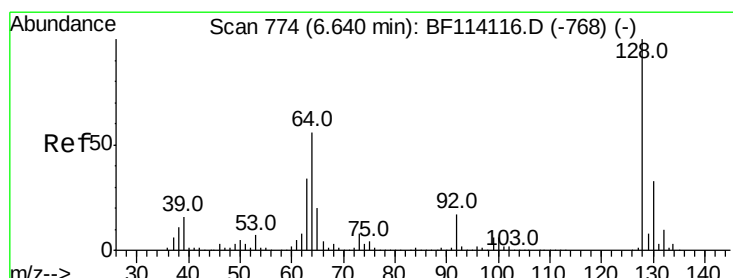
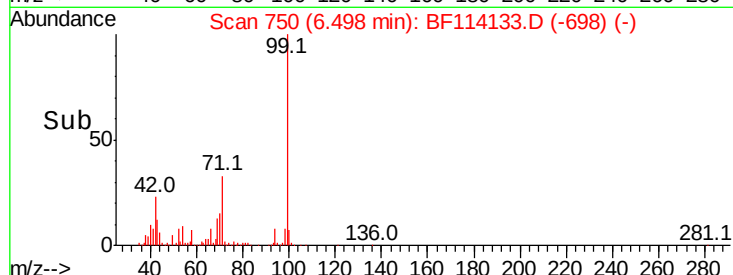
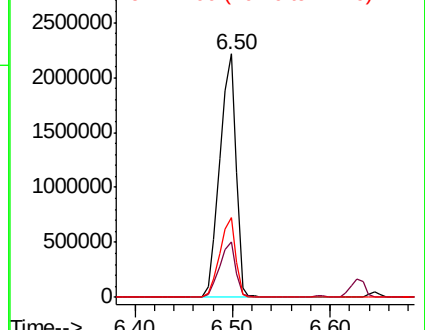
99 100

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

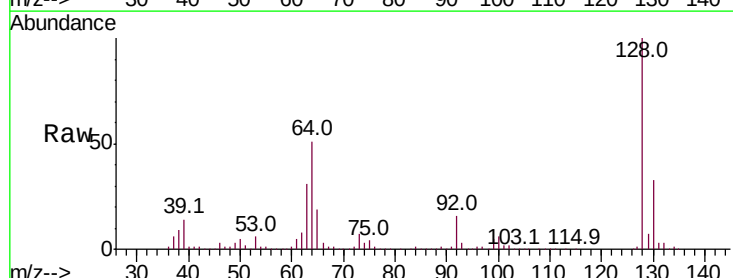
Tgt Ion: 128 Resp: 807913

Ion Ratio Lower Upper

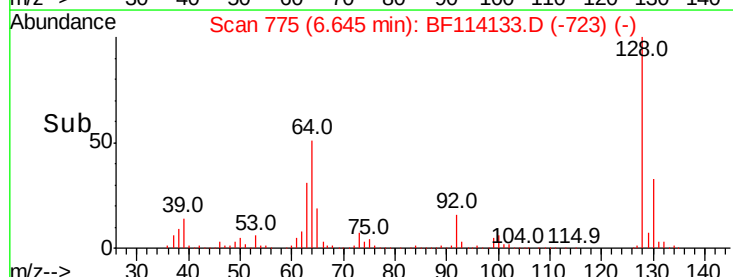
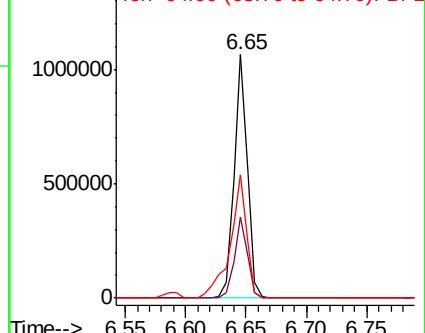
128 100

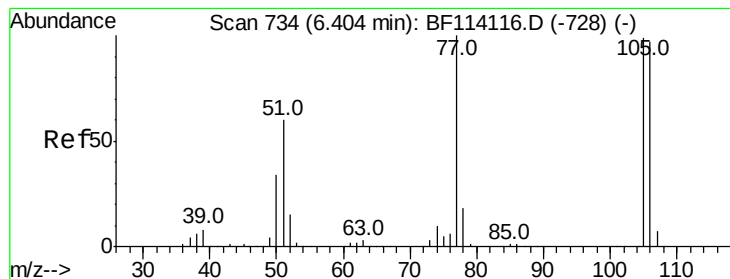
130 33.4 12.6 52.6

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

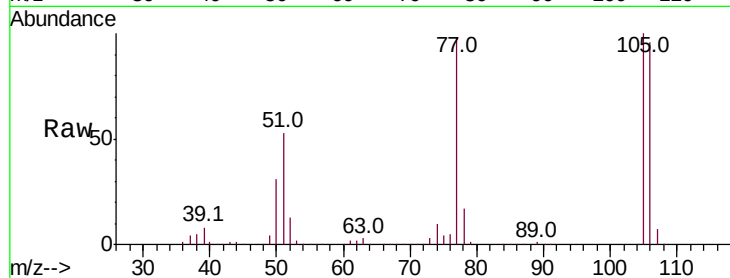
Tot Ion: 77 Resp: 365896

Ion Ratio Lower Upper

77 100

105 102.0 79.3 119.3

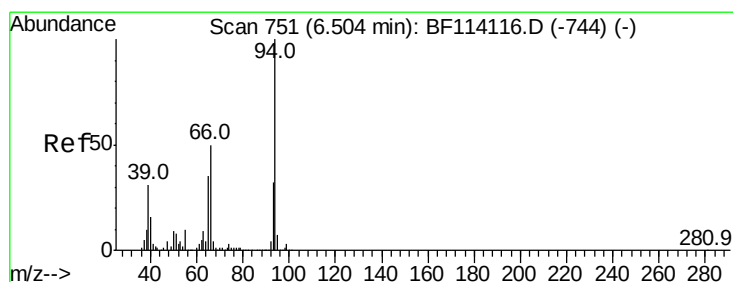
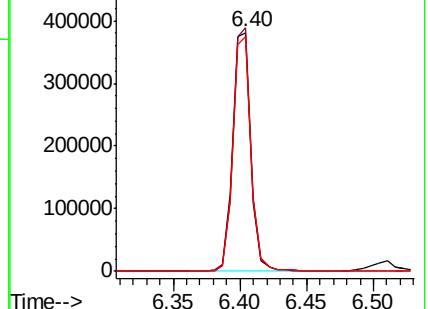
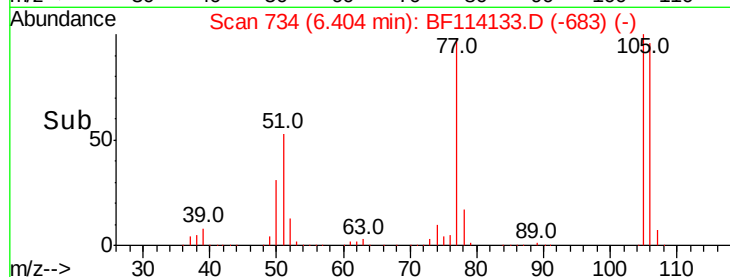
106 98.1 77.0 117.0



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

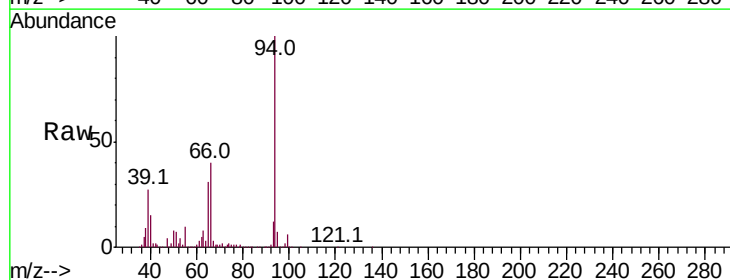
Tgt Ion: 94 Resp: 983909

Ion Ratio Lower Upper

94 100

65 30.6 14.7 54.7

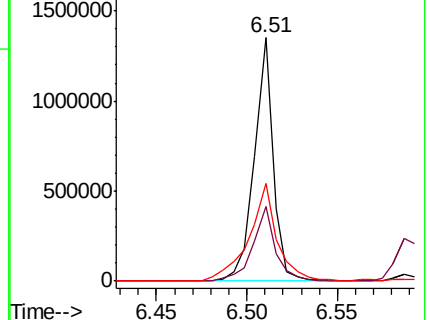
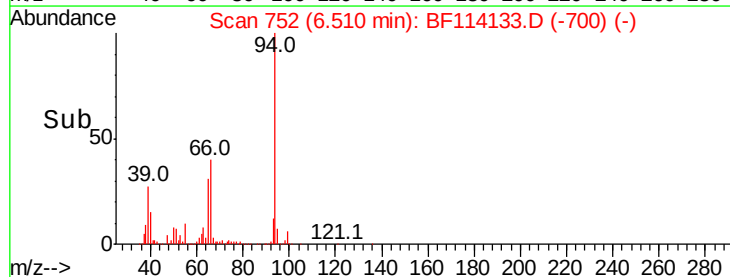
66 40.3 29.6 69.6

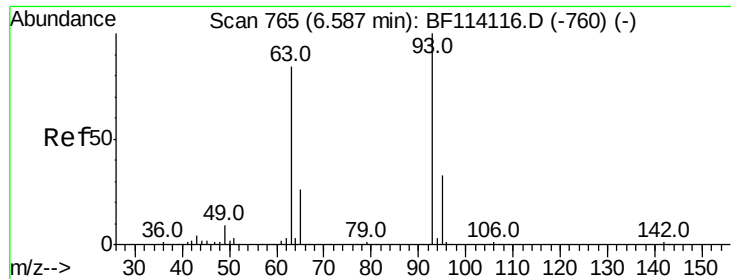


Abundance Ion 94.00 (93.70 to 94.70): BF1

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

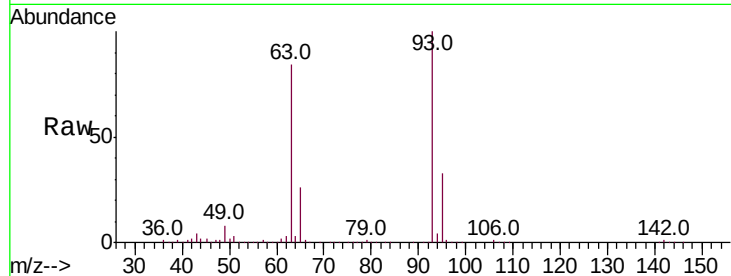
Tot Ion: 93 Resp: 873804

Ion Ratio Lower Upper

93 100

63 83.9 63.6 103.6

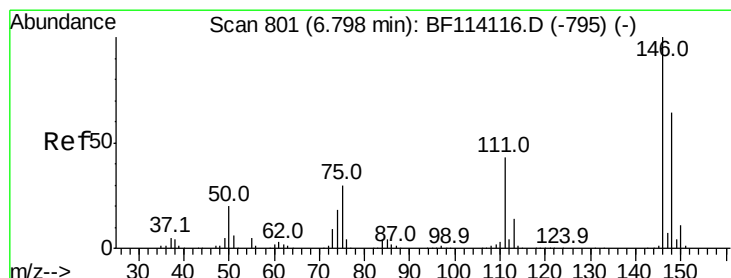
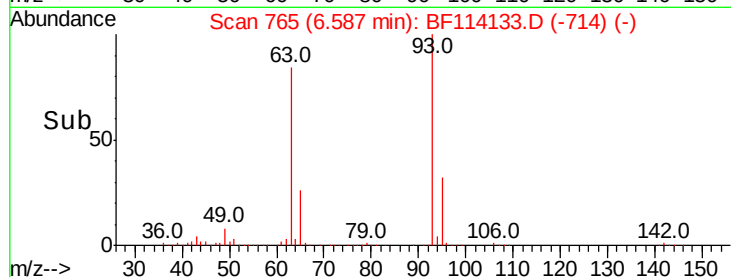
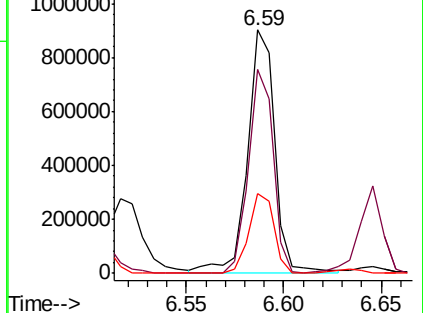
95 32.5 13.1 53.1



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

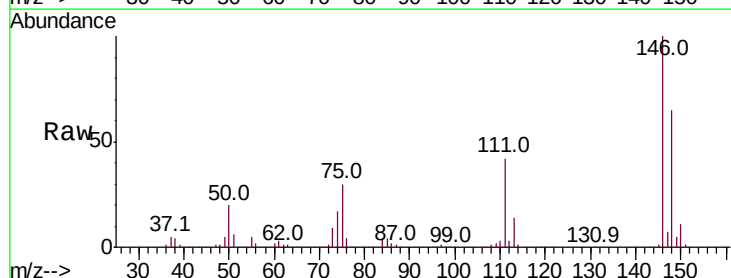
Tgt Ion: 146 Resp: 833224

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

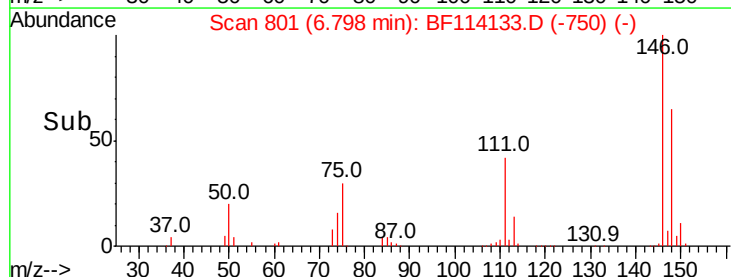
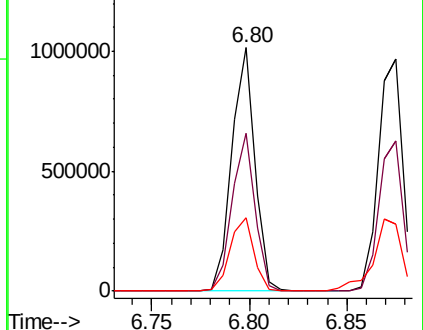
75 30.4 24.2 36.2

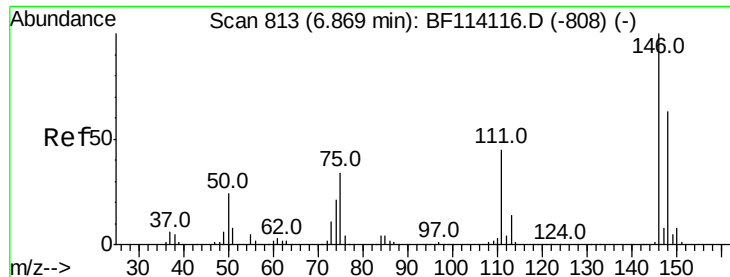


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

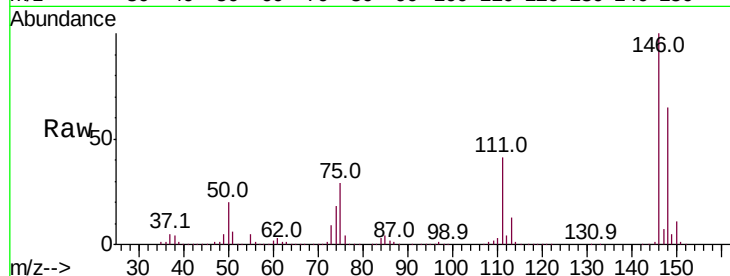




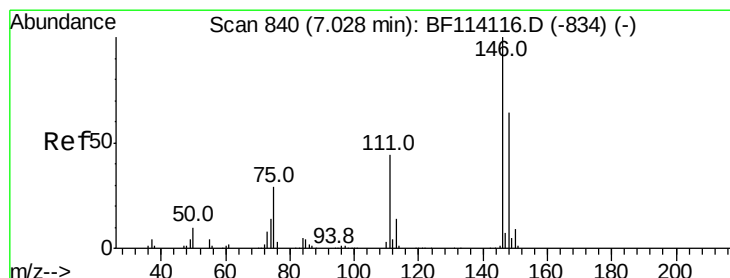
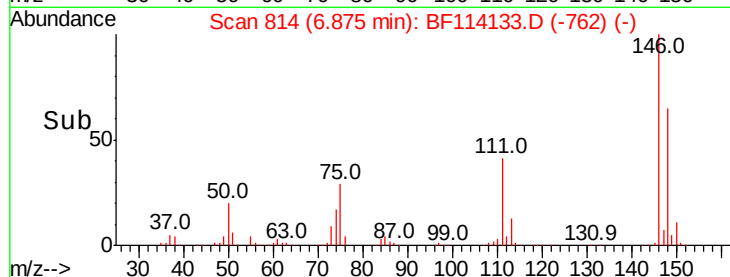
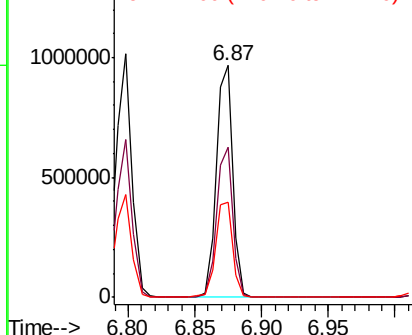
#13
 1,4-Dichlorobenzene
 Concen: 30.537 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

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

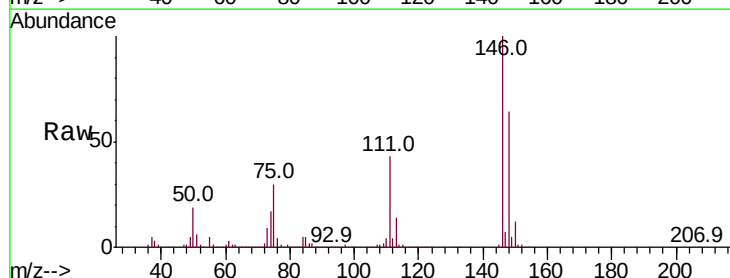


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

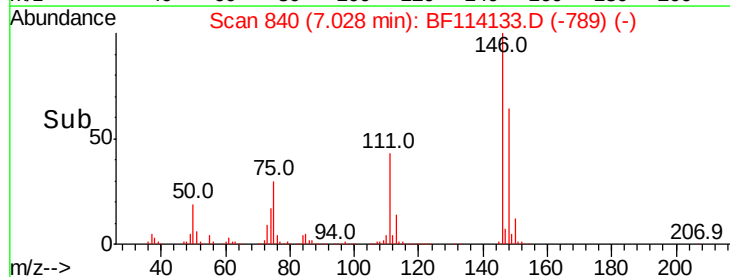
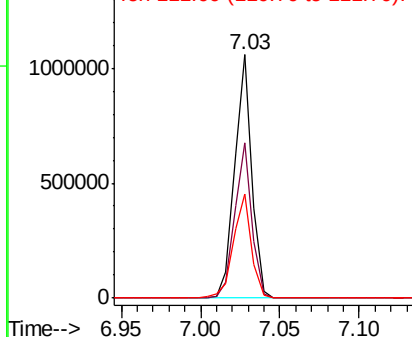


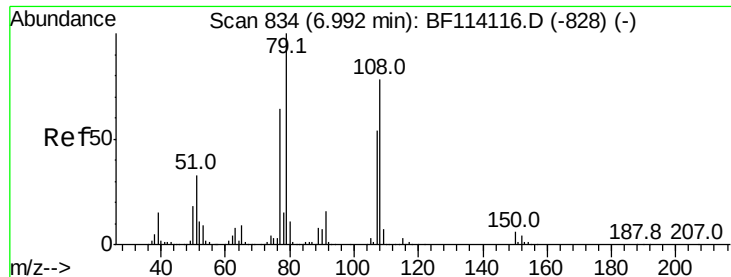
#14
 1,2-Dichlorobenzene
 Concen: 31.313 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

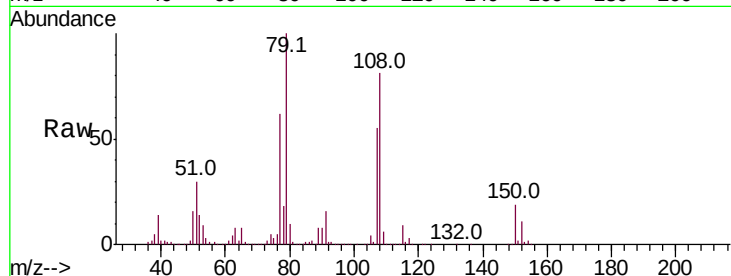
Tot Ion: 79 Resp: 693605

Ion Ratio Lower Upper

79 100

108 81.0 62.1 93.1

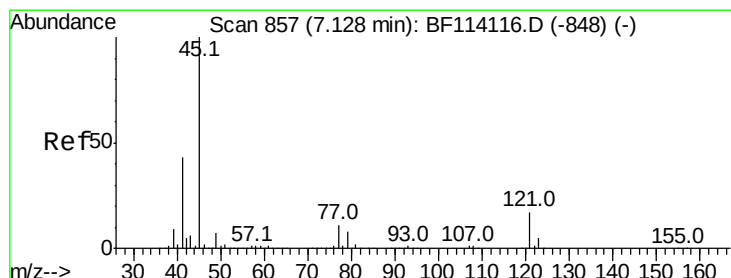
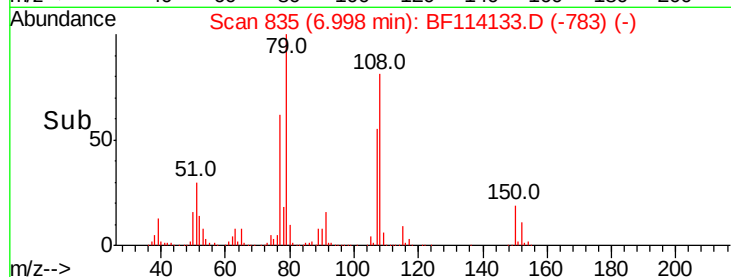
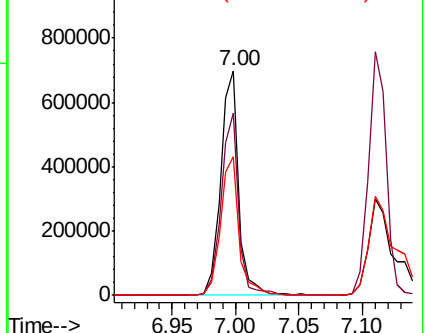
77 61.5 51.0 76.6



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

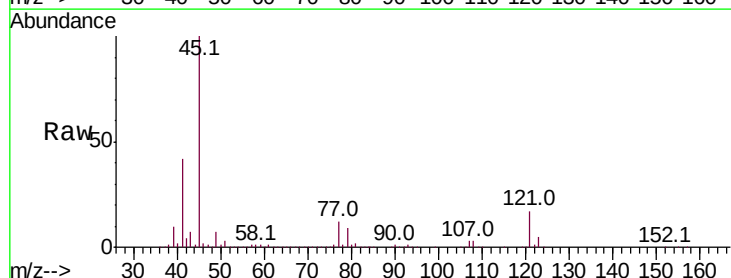
Tgt Ion: 45 Resp: 1459810

Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.1

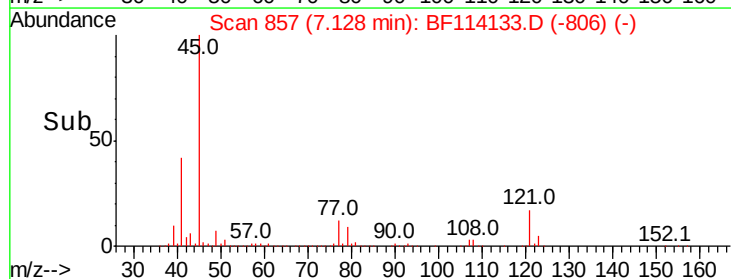
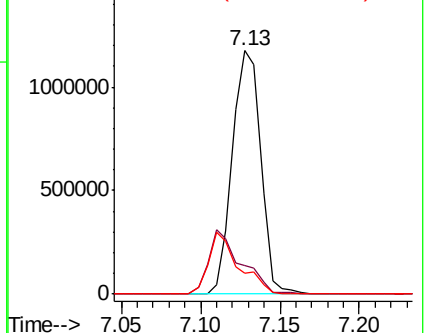
79 8.8 0.0 28.4

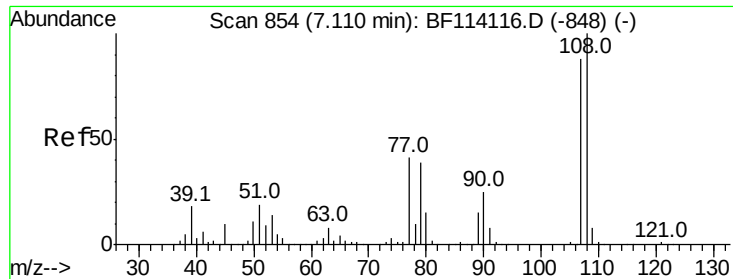


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

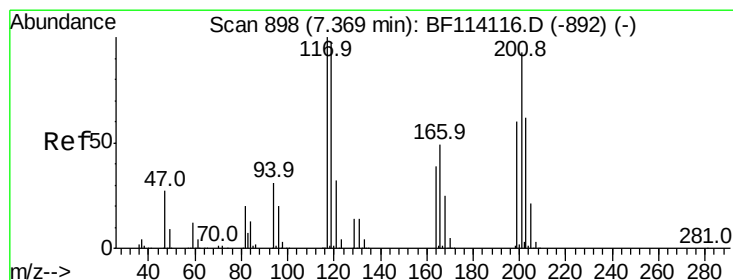
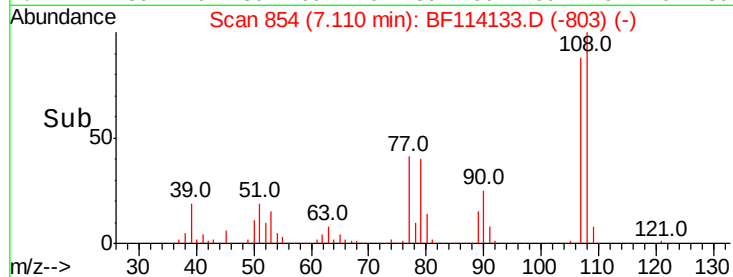
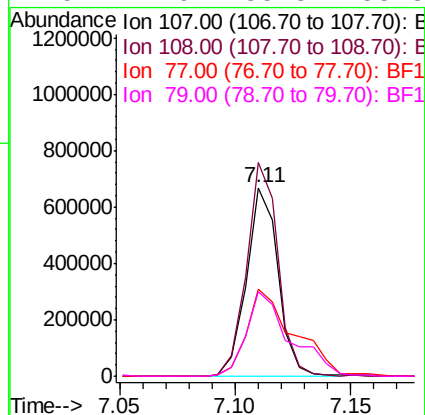
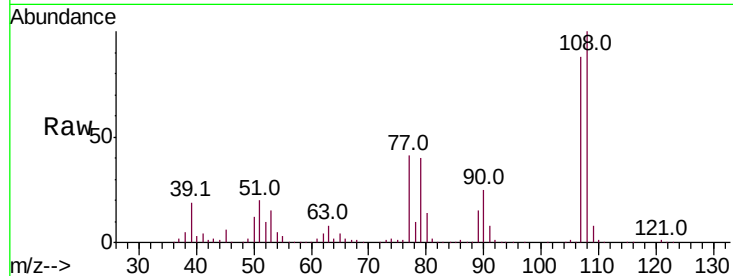




#17
2-Methylphenol
Concen: 31.790 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

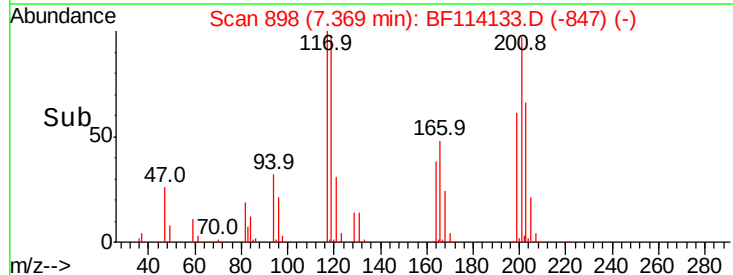
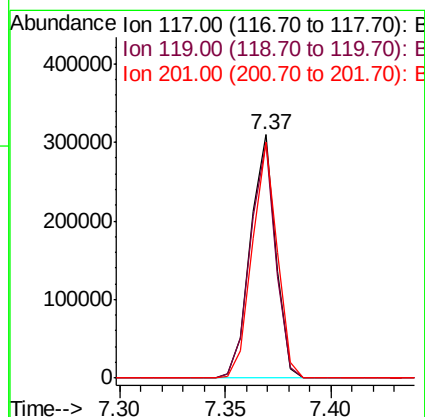
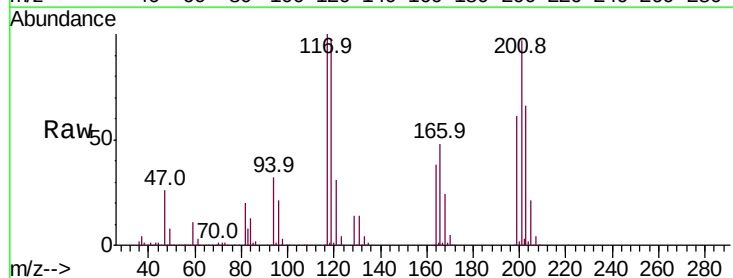
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

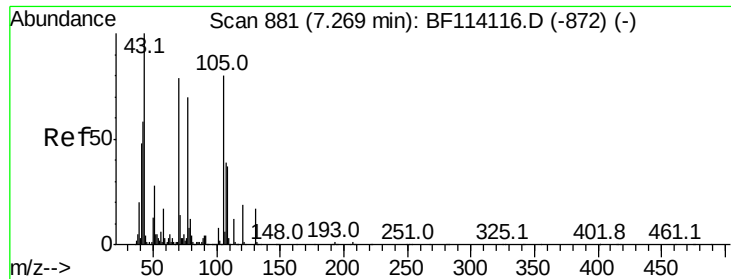
Tot Ion:	107	Resp:	637387
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	46.2	37.0	55.4
79	44.9	35.8	53.8



#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

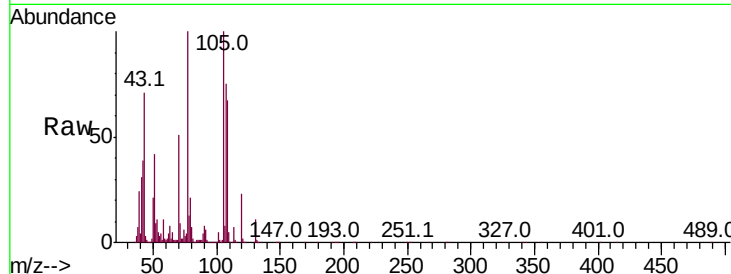




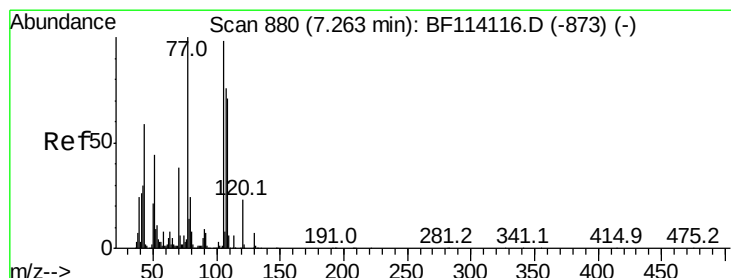
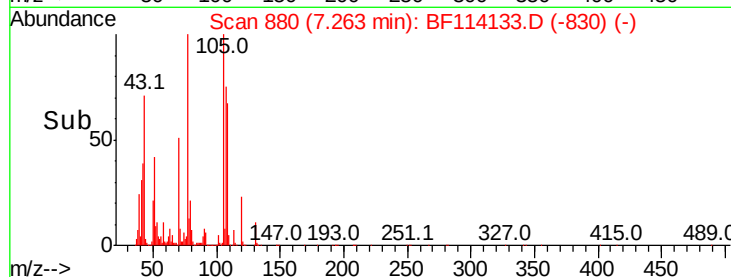
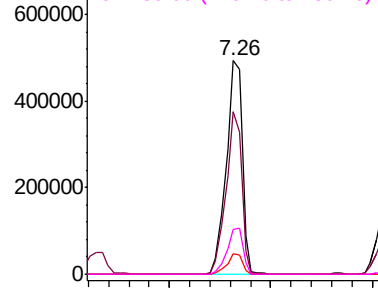
#19
n-Nitroso-di-n-propylamine
Concen: 31.786 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Tot 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



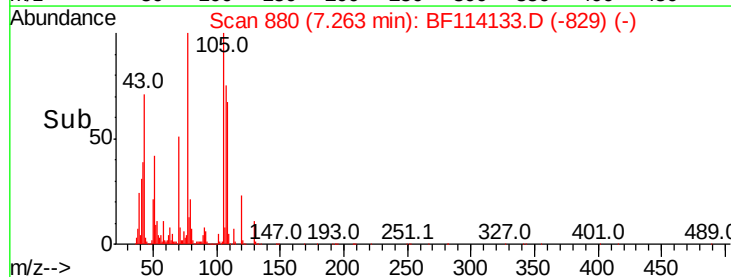
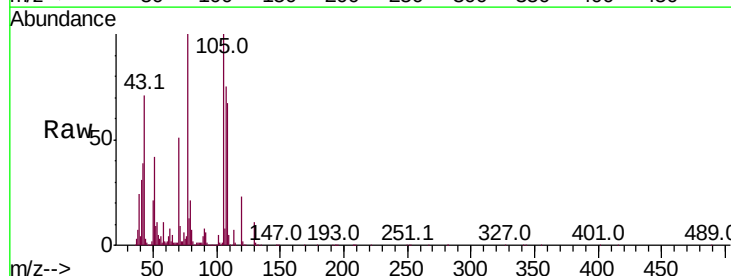
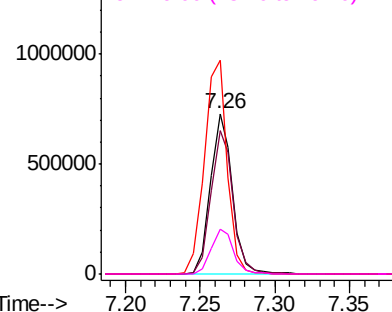
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

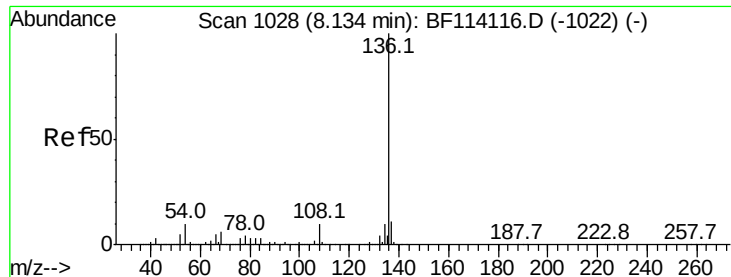


#20
3+4-Methylphenols
Concen: 32.637 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Tot Ion:136 Resp: 1309695

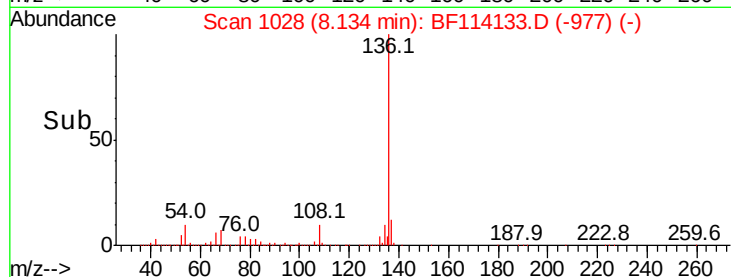
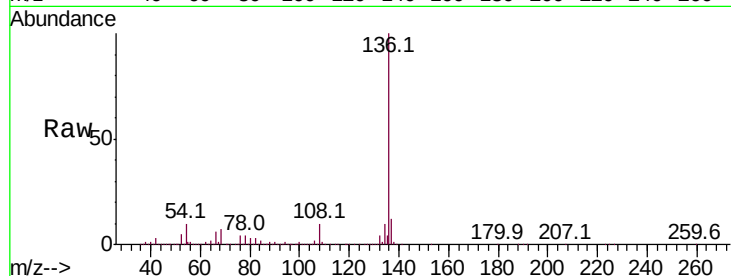
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.1 7.8 11.8

68 6.6 5.1 7.7



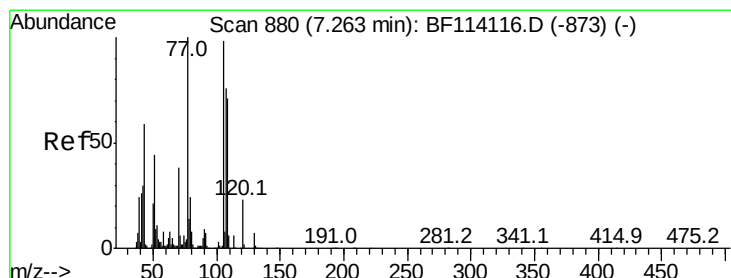
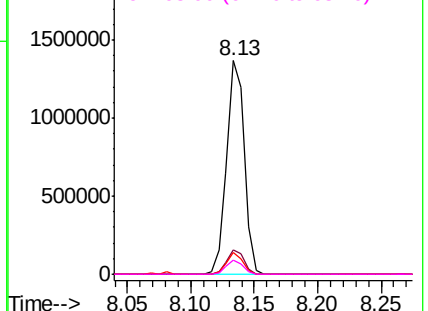
Abundance

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

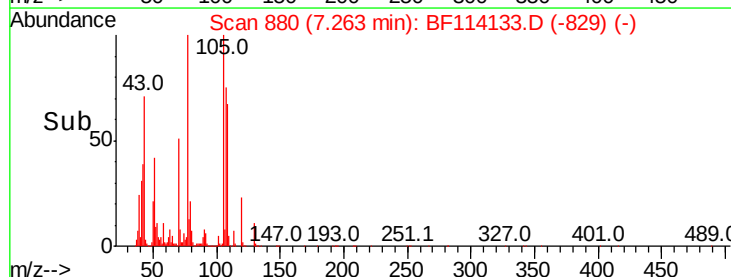
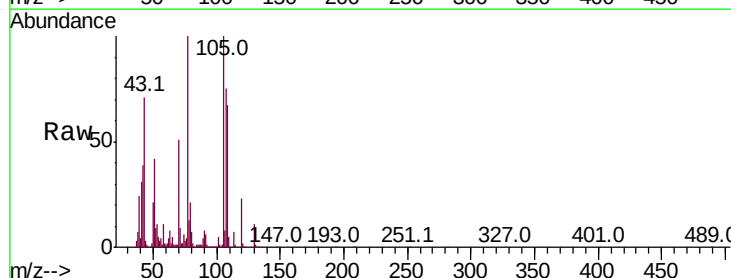
Ion Ratio Lower Upper

105 100

71 8.5 5.3 7.9#

51 42.5 36.2 54.4

120 22.8 18.6 28.0



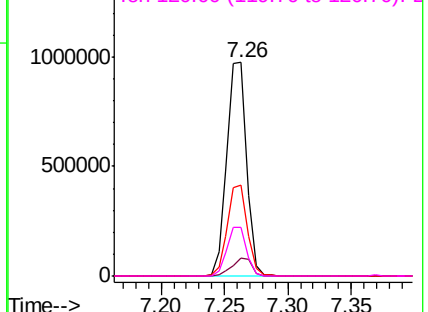
Abundance

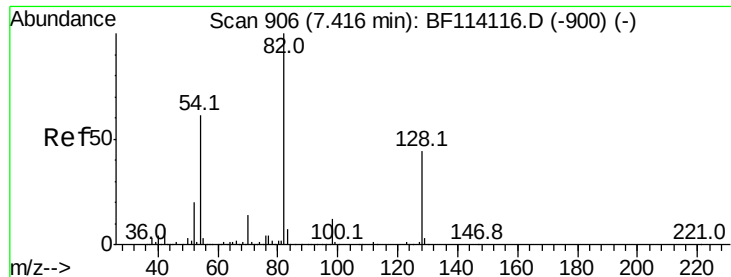
Ion 105.00 (104.70 to 105.70): E

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

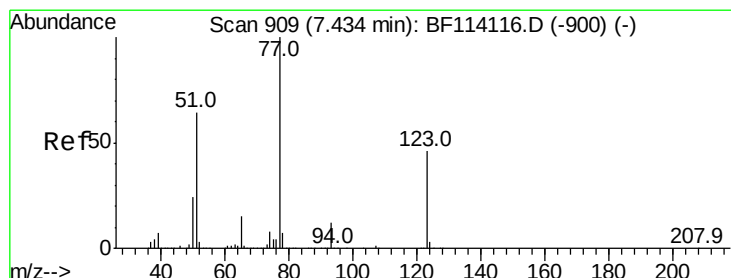
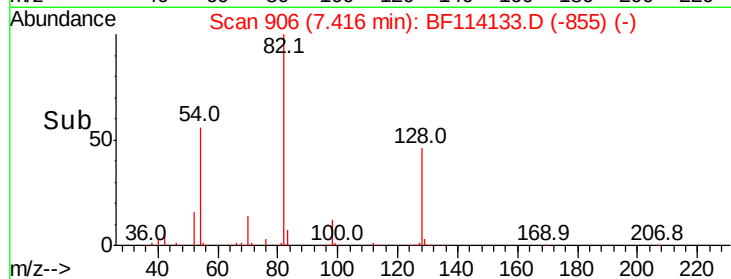
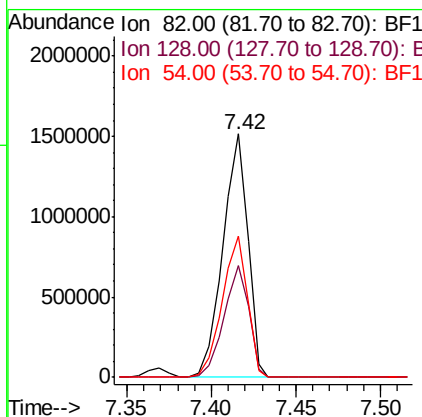
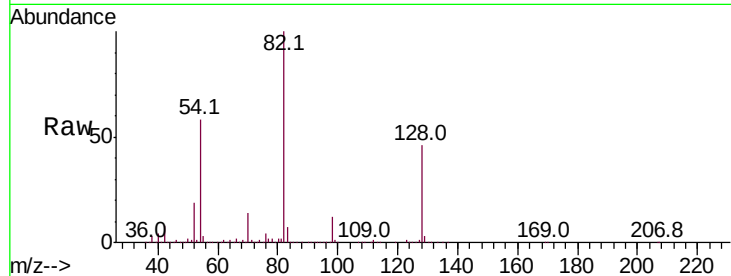




#23
Nitrobenzene-d5
Concen: 66.521 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

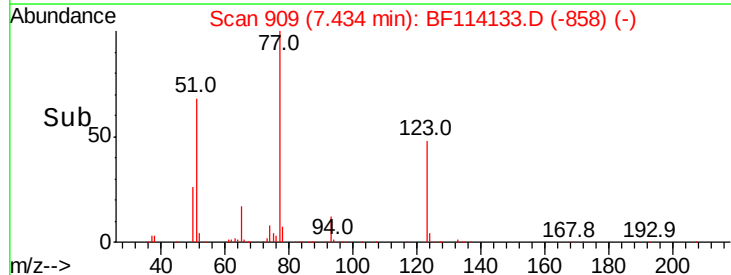
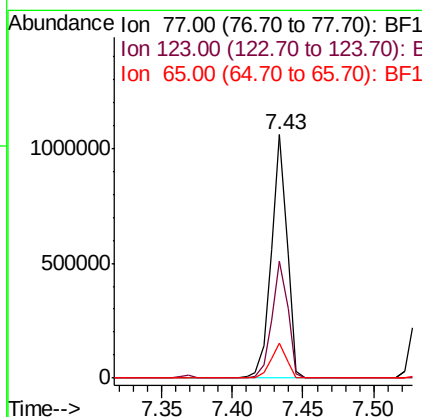
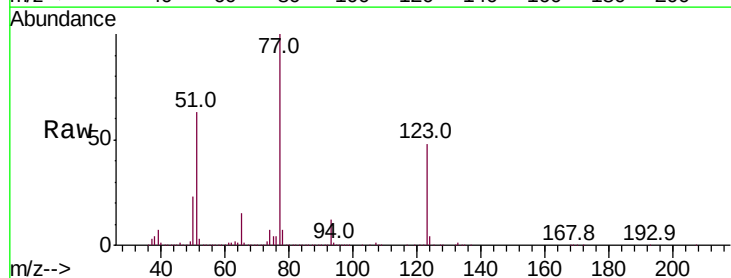
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

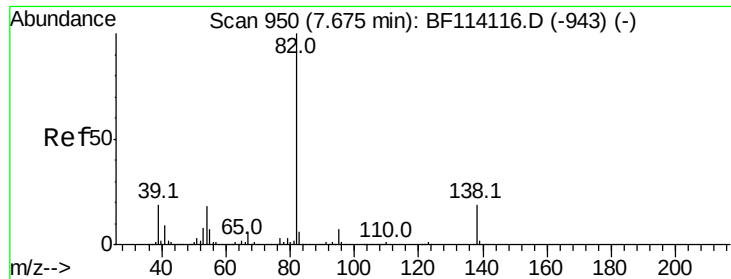
Tot Ion: 82 Resp: 1552428
Ion Ratio Lower Upper
82 100
128 45.7 35.5 53.3
54 58.2 48.5 72.7



#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





#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

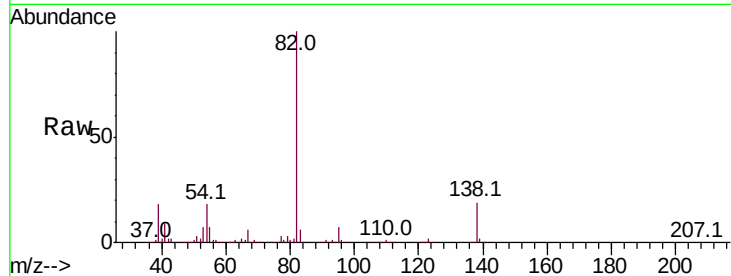
Tot Ion: 82 Resp: 1455709

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

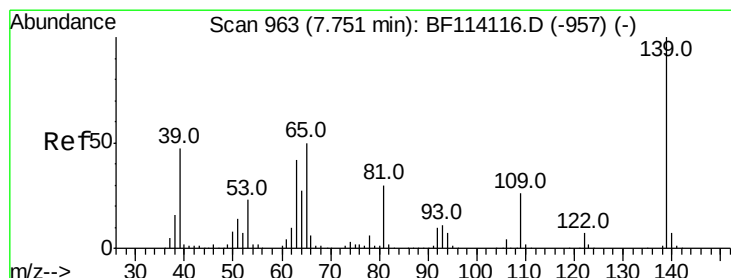
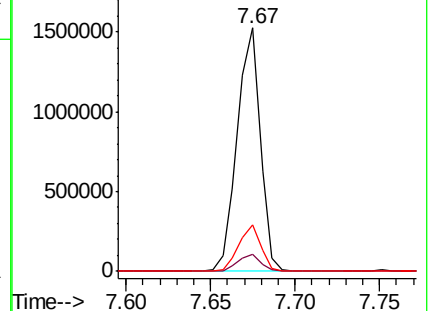
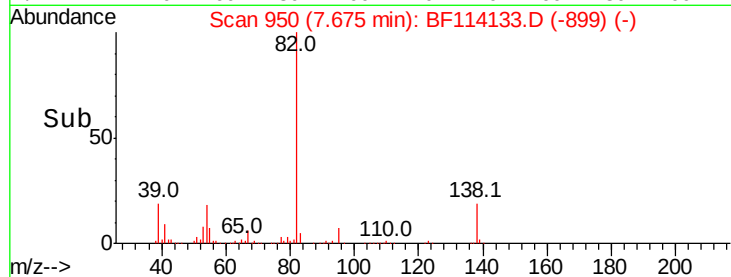
138 19.1 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 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

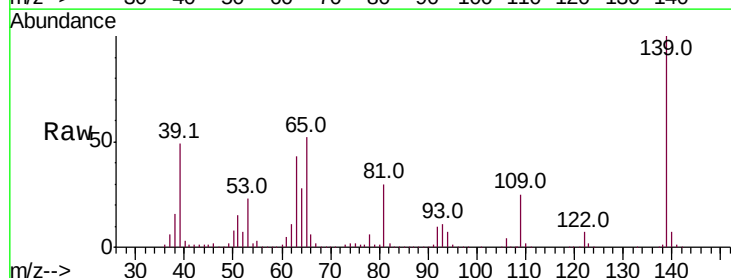
Tgt Ion: 139 Resp: 397900

Ion Ratio Lower Upper

139 100

109 25.3 20.7 31.1

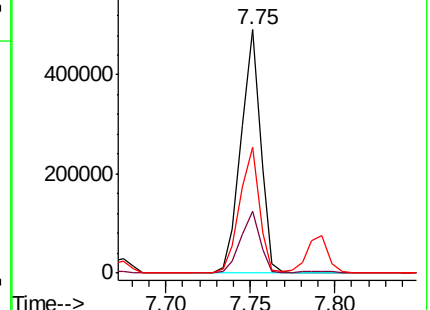
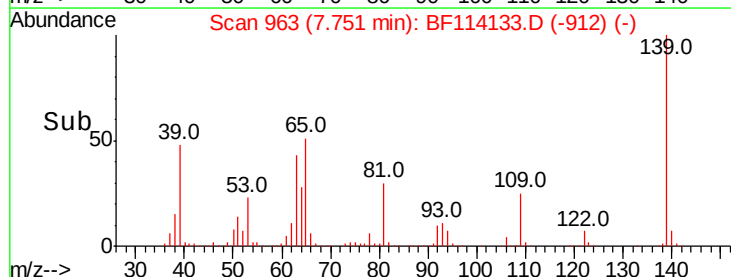
65 51.5 40.2 60.2

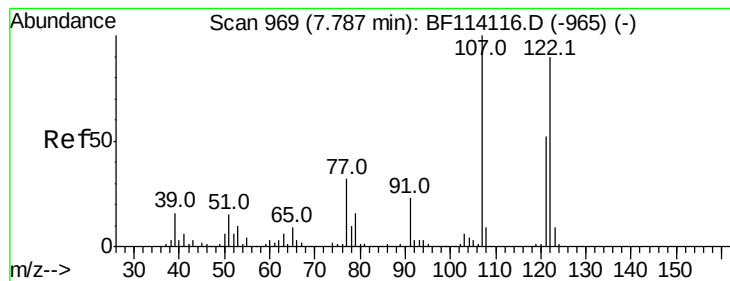


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 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

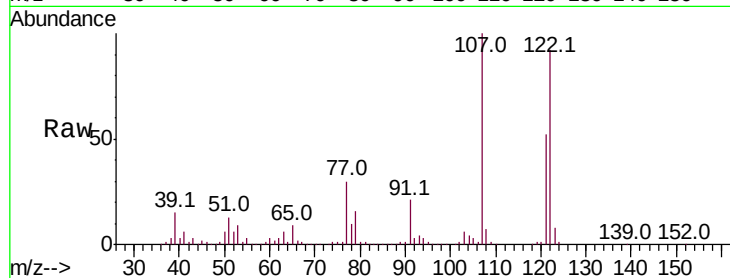
Tot Ion:122 Resp: 670550

Ion Ratio Lower Upper

122 100

107 108.2 88.4 132.6

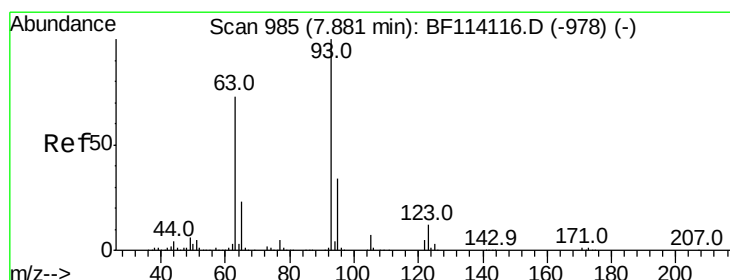
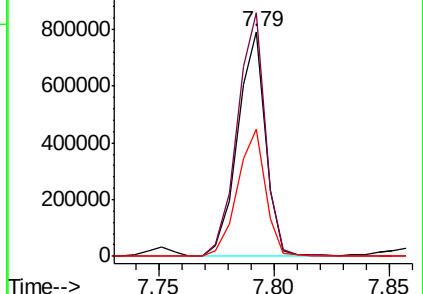
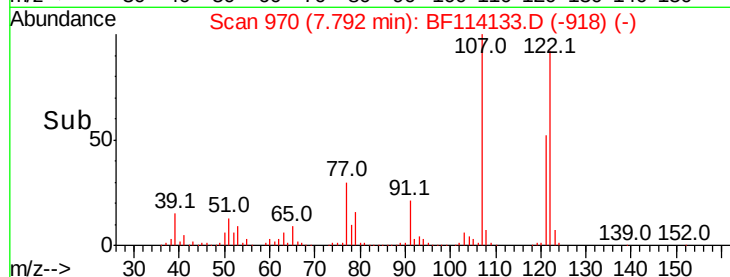
121 56.8 45.9 68.9



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

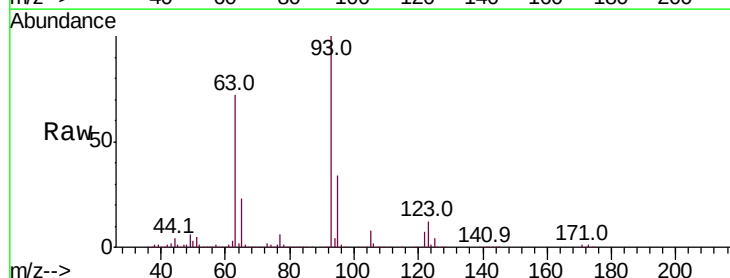
Tgt Ion: 93 Resp: 957807

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

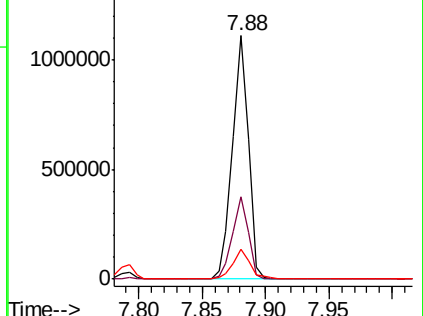
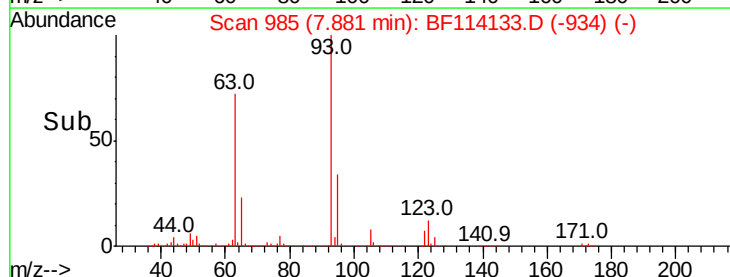
123 12.4 9.5 14.3

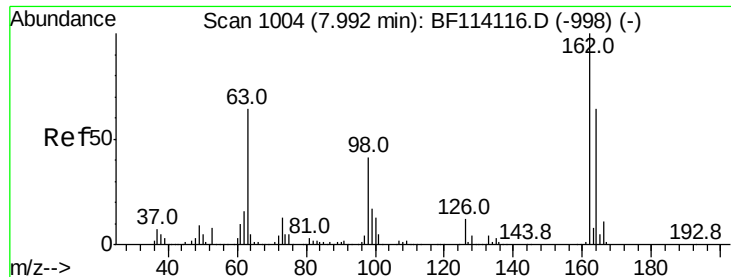


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

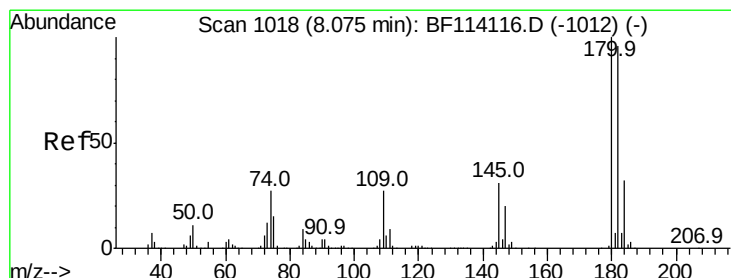
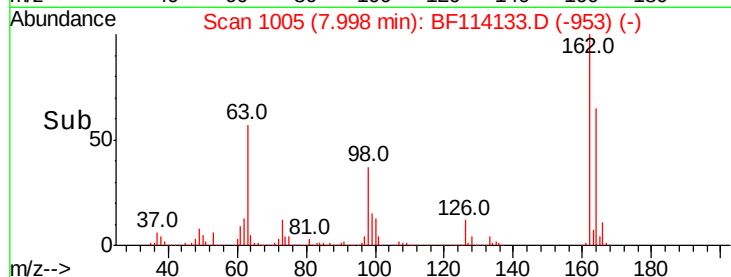
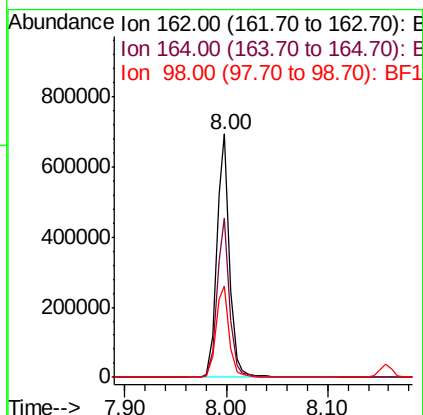
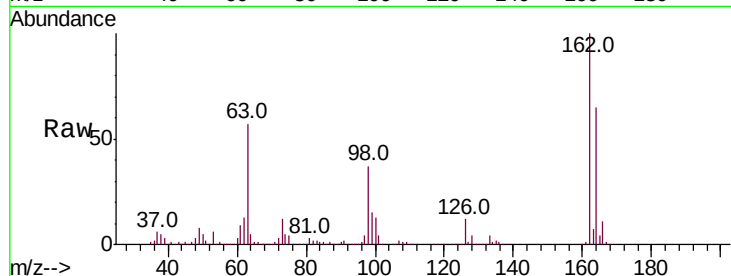




#29
2,4-Dichlorophenol
Concen: 33.205 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

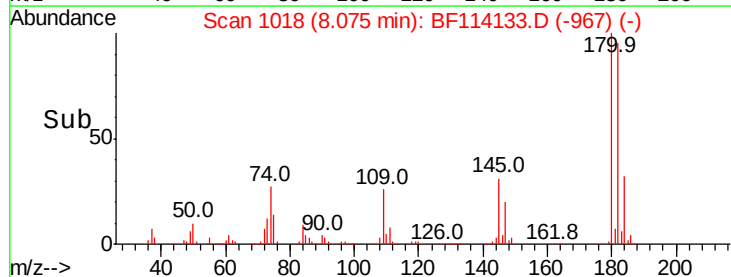
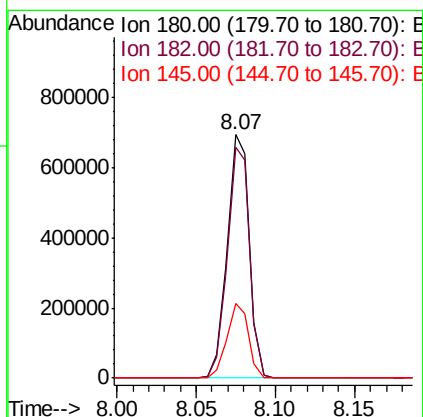
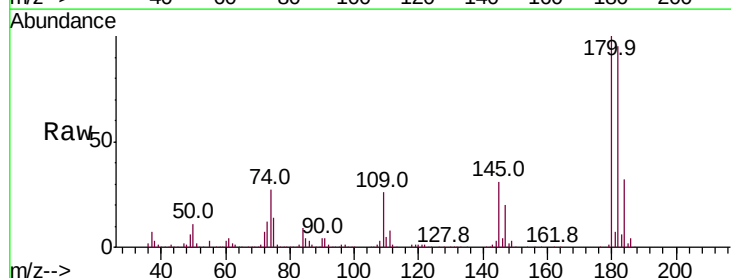
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

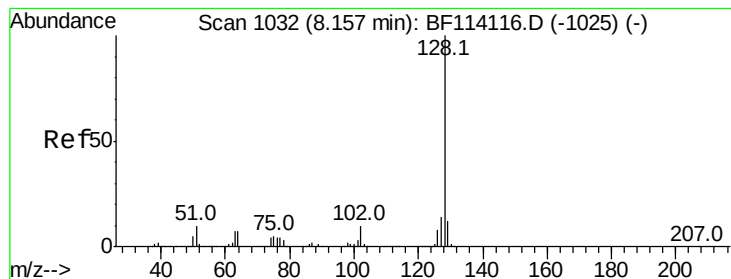
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.6	83.6
98	37.4	20.6	60.6



#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





#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

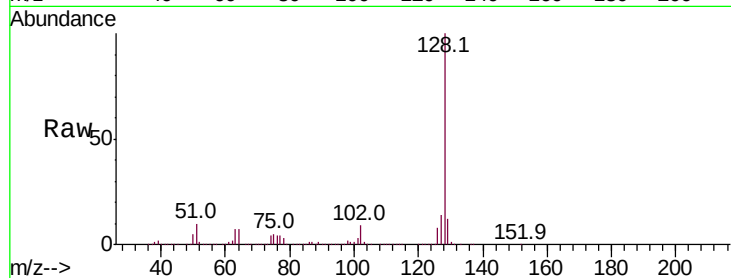
Tot Ion:128 Resp: 2101149

Ion Ratio Lower Upper

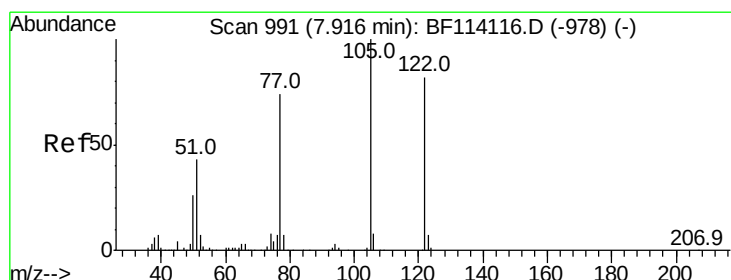
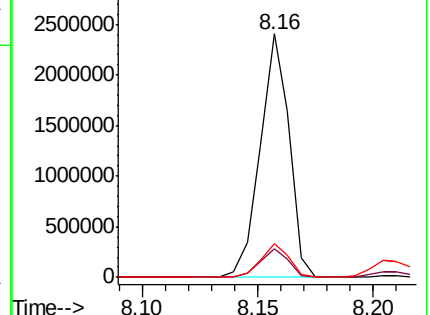
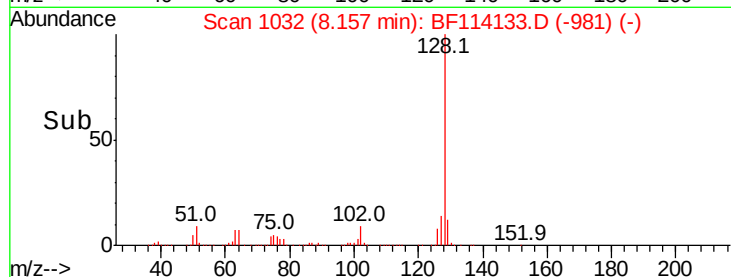
128 100

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

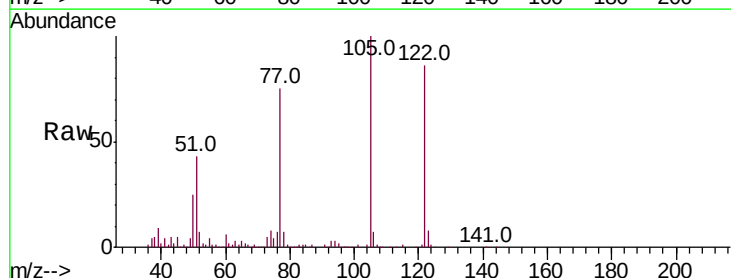
Tgt Ion:122 Resp: 294672

Ion Ratio Lower Upper

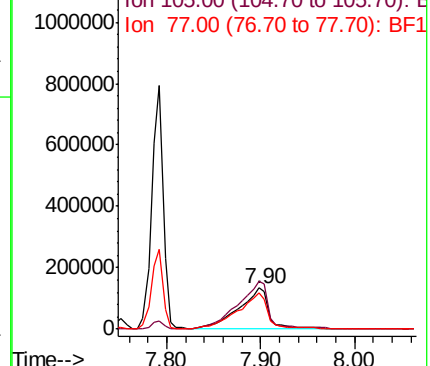
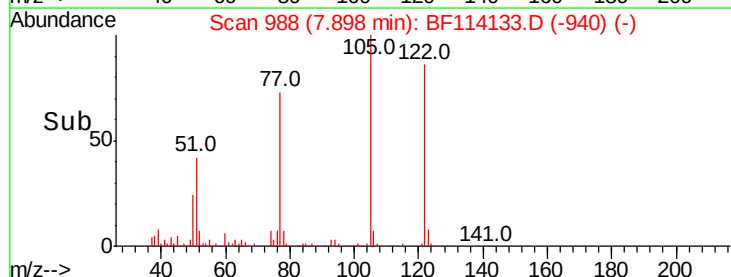
122 100

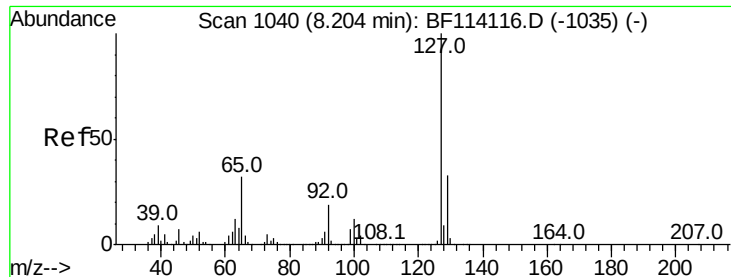
105 116.4 99.9 139.9

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

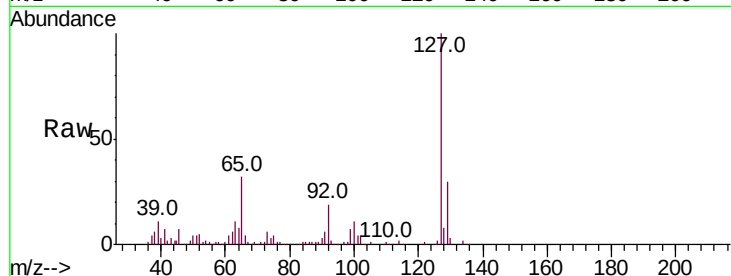




#33
4-Chloroaniline
Concen: 8.302 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Tot 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



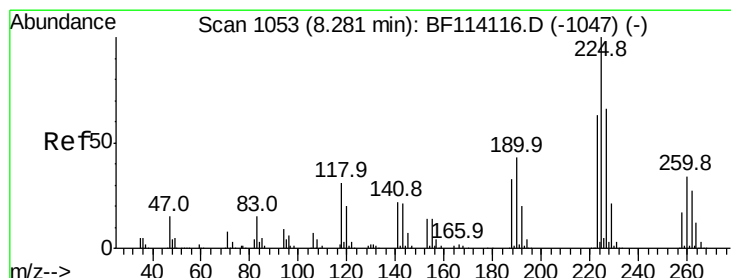
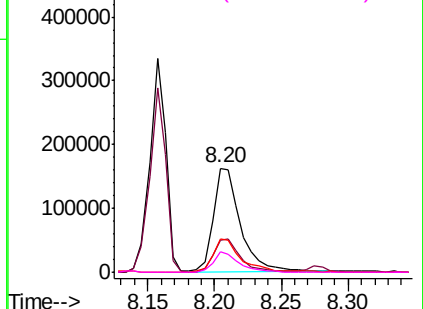
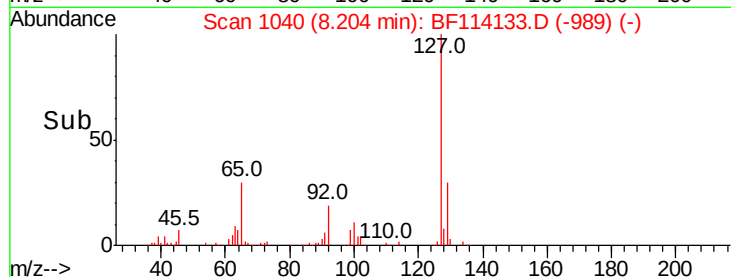
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

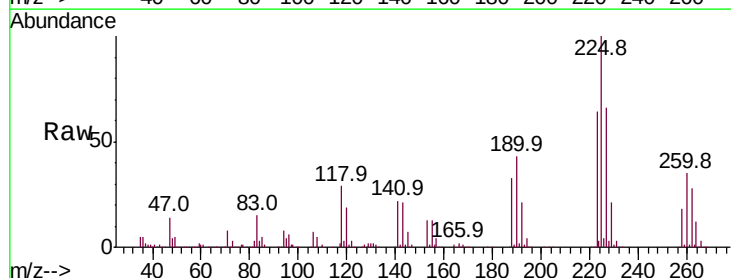
Ion 65.00 (64.70 to 65.70): BF1

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

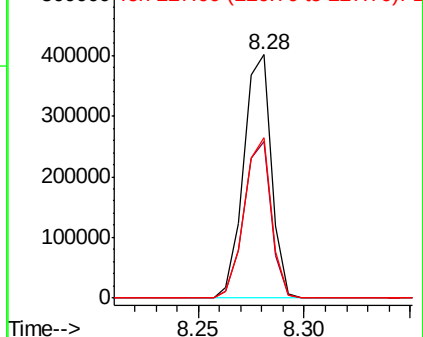
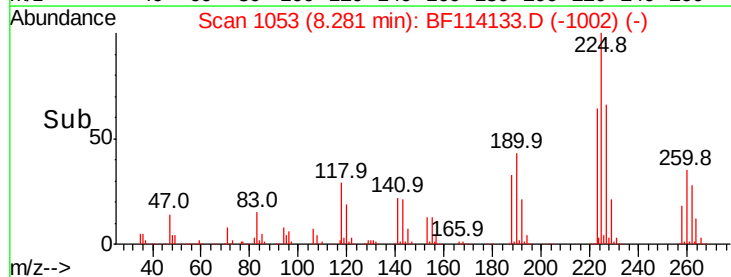


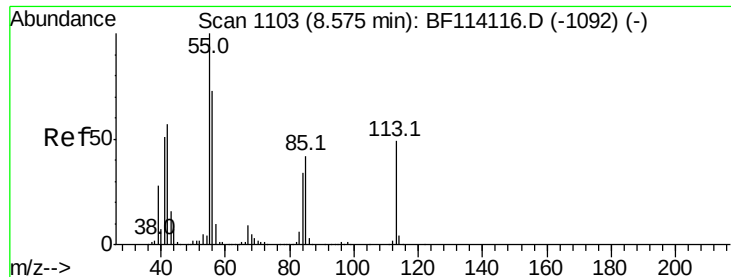
Abundance

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

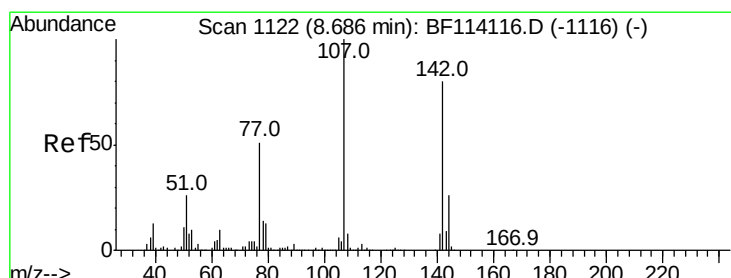
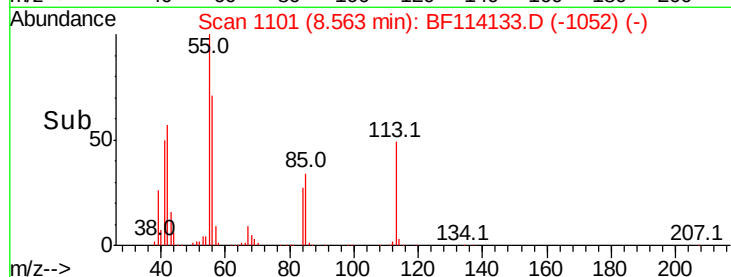
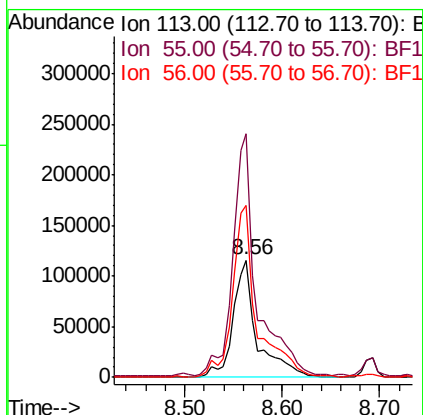
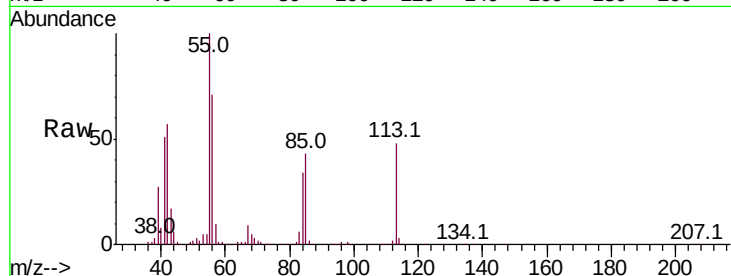




#35
 Caprolactam
 Concen: 33.852 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

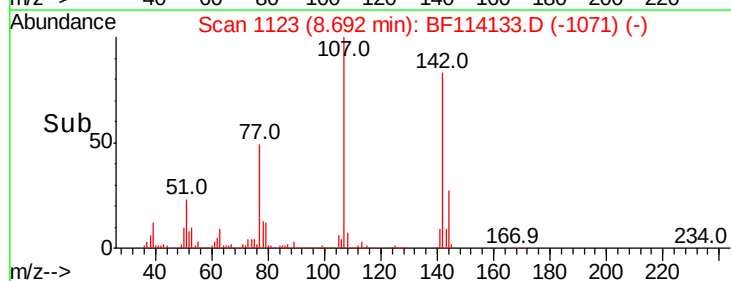
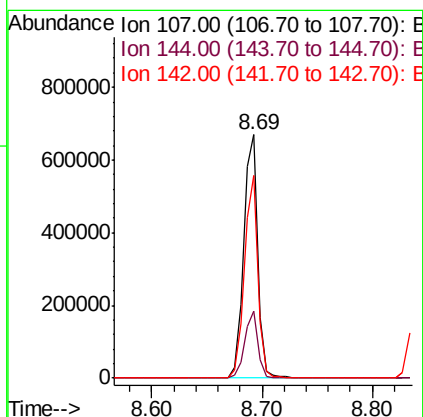
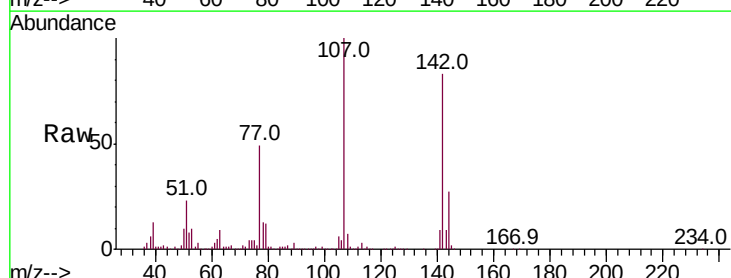
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

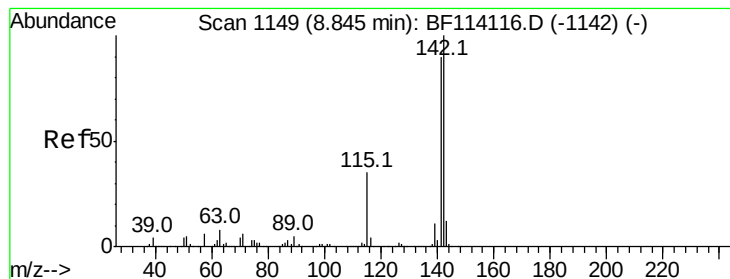
Tot Ion:113 Resp: 199076
 Ion Ratio Lower Upper
 113 100
 55 207.4 183.5 223.5
 56 146.2 128.8 168.8



#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

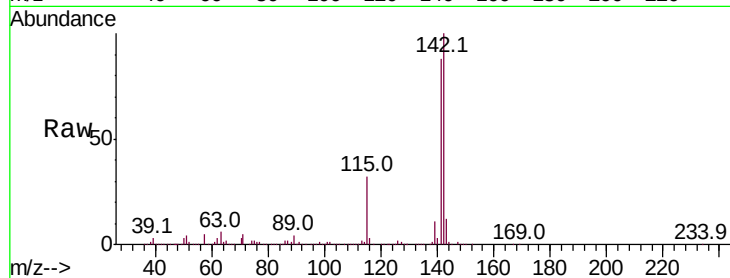
Tot Ion:142 Resp: 1367156

Ion Ratio Lower Upper

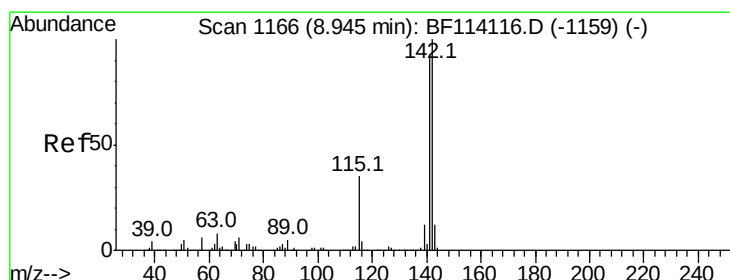
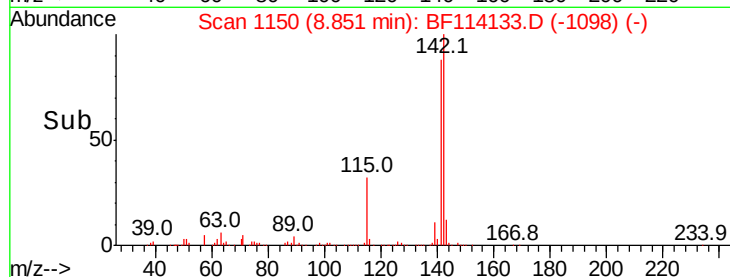
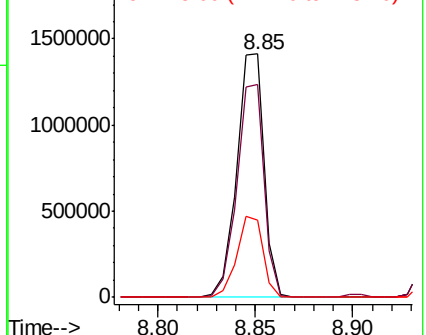
142 100

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

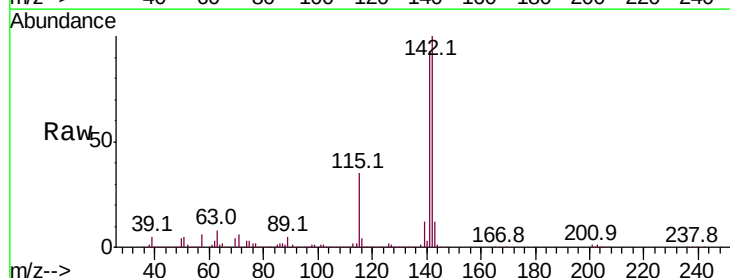
Tgt Ion:142 Resp: 1261180

Ion Ratio Lower Upper

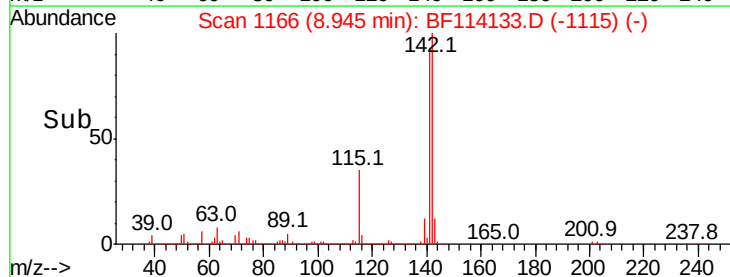
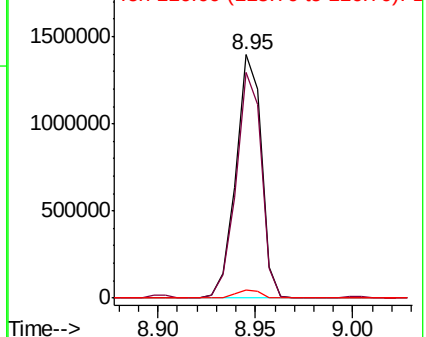
142 100

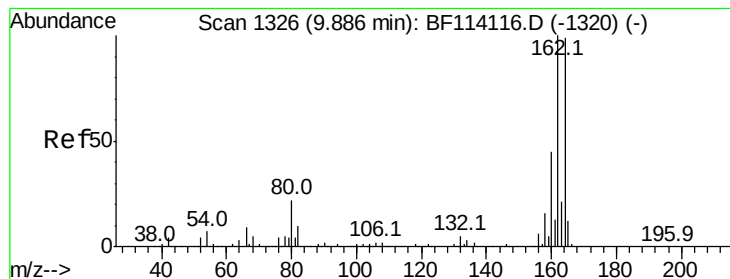
141 92.6 73.4 110.0

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

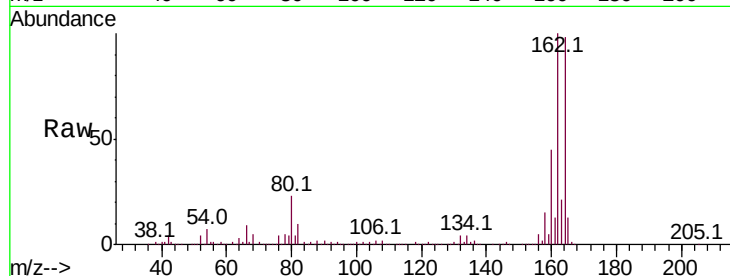
Tot Ion:164 Resp: 533371

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

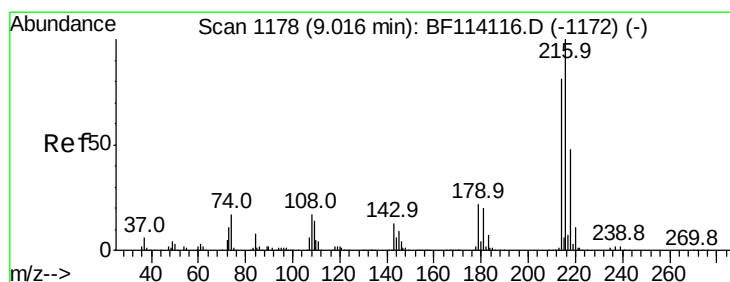
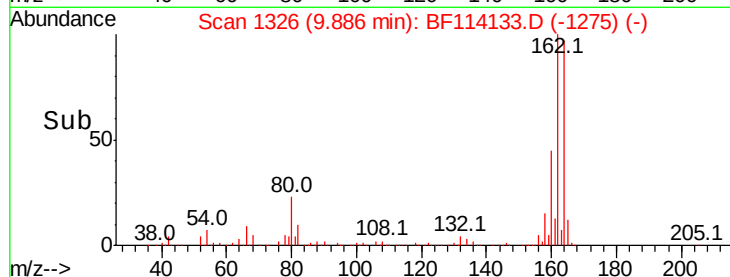
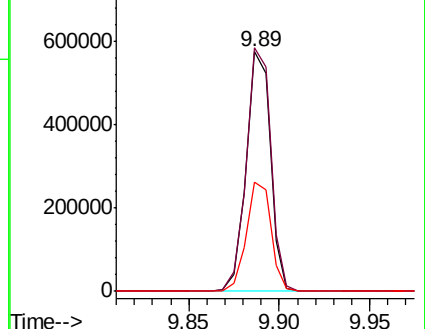
160 45.5 36.5 54.7



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

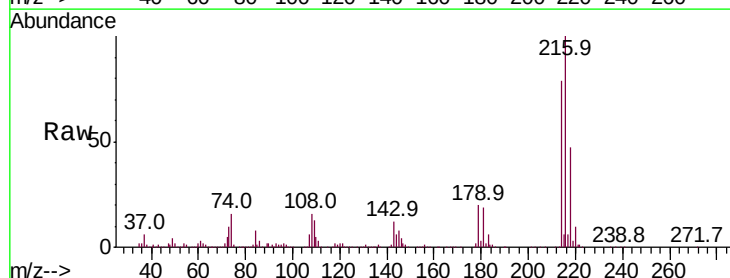
Ion Ratio Lower Upper

216 100

214 78.4 63.9 95.9

179 20.4 17.0 25.6

108 17.2 14.8 22.2

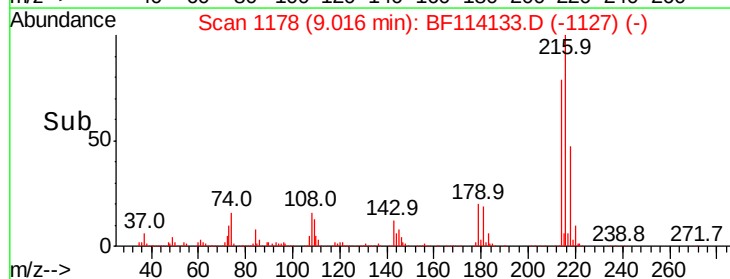
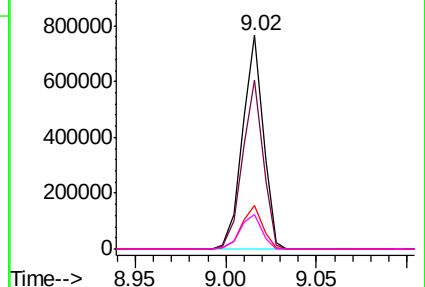


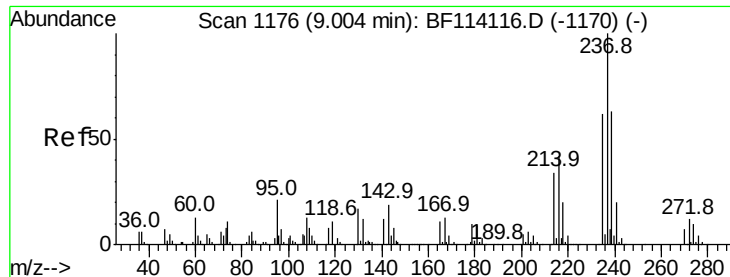
Abundance Ion 216.00 (215.70 to 216.70): E

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

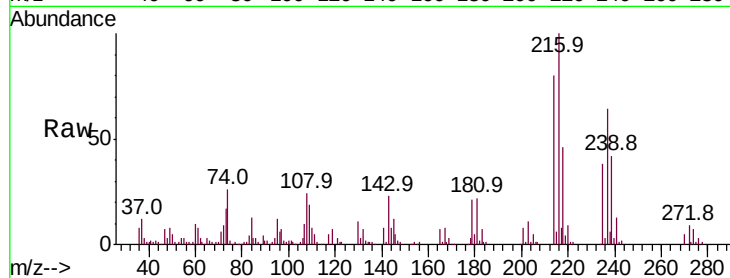
Tot Ion:237 Resp: 67026

Ion Ratio Lower Upper

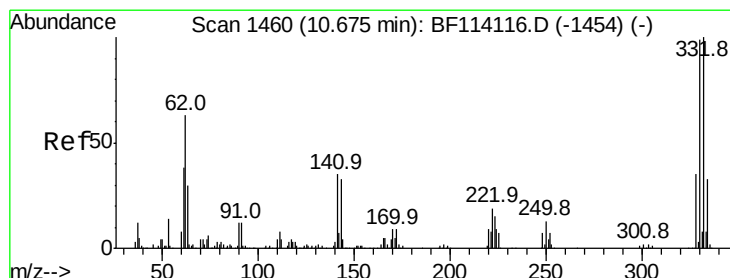
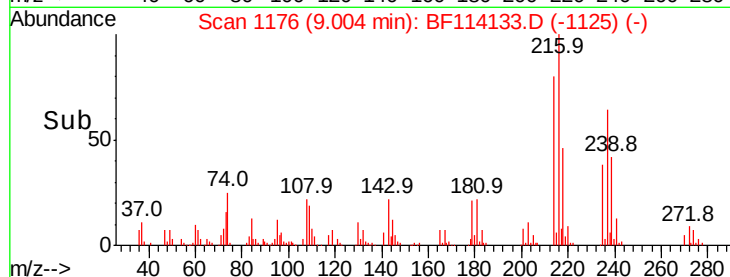
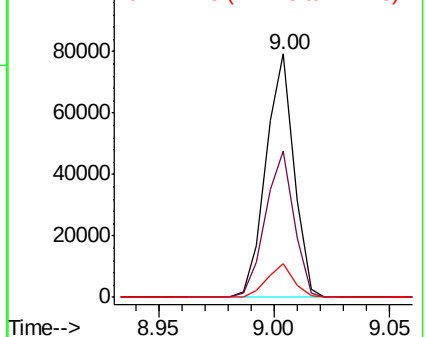
237 100

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

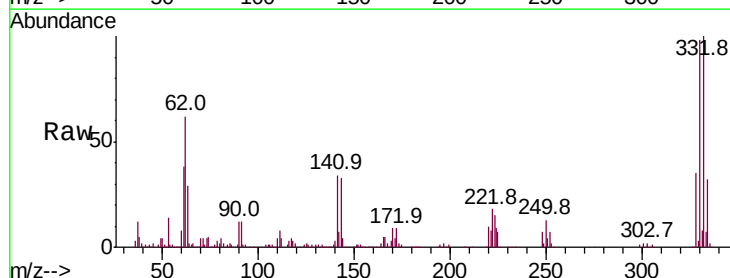
Tgt Ion:330 Resp: 470273

Ion Ratio Lower Upper

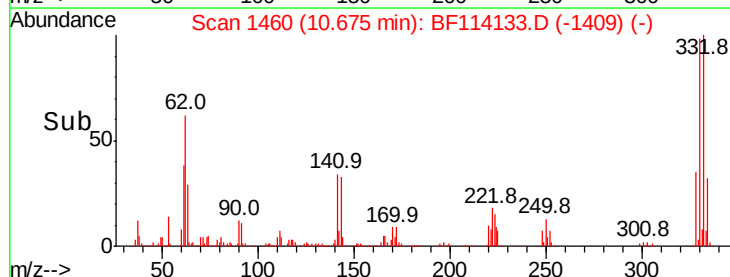
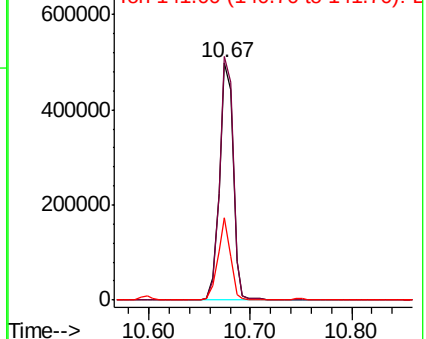
330 100

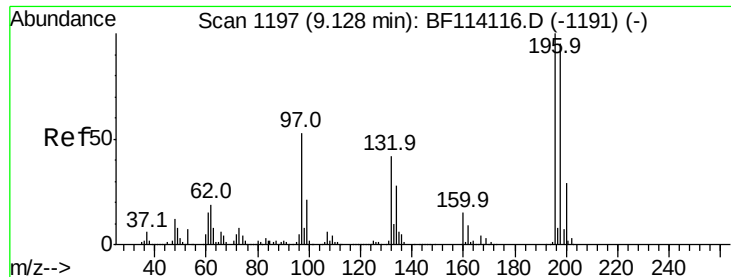
332 101.7 81.4 122.2

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

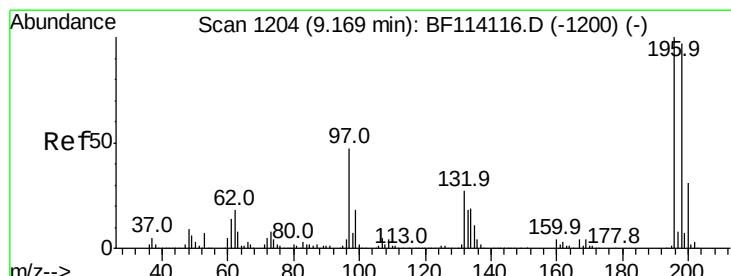
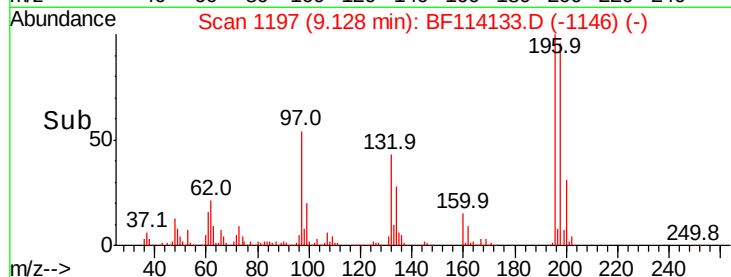
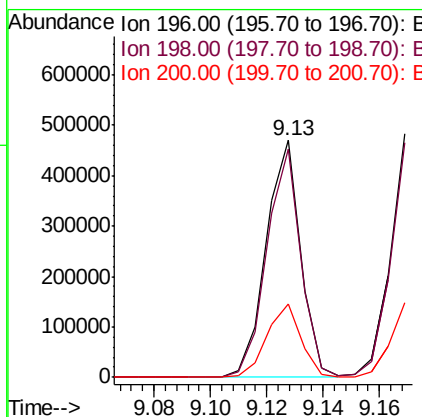
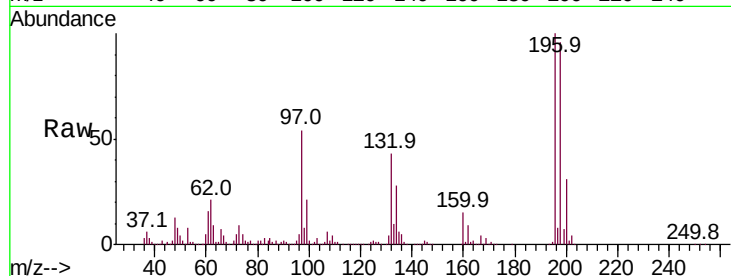




#43
 2,4,6-Trichlorophenol
 Concen: 35.772 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

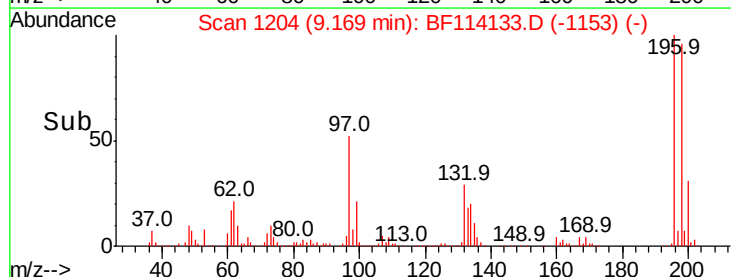
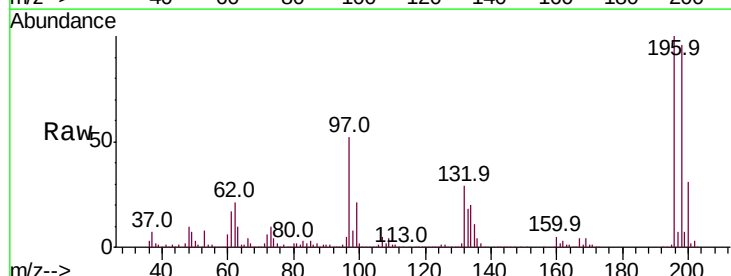
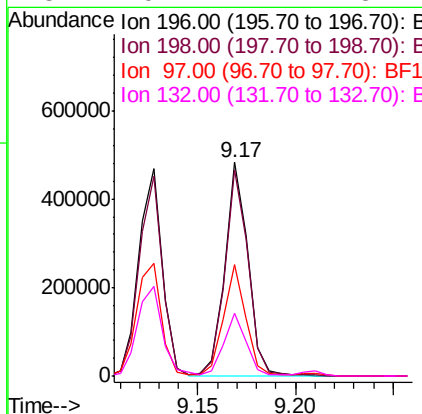
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

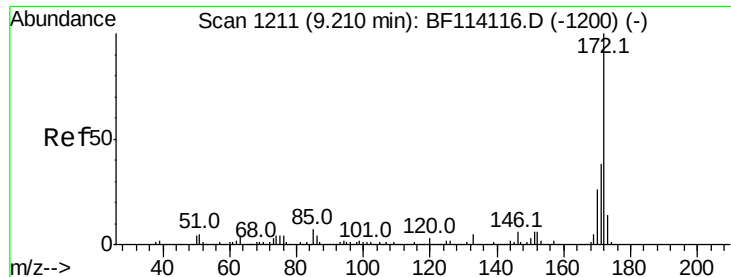
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.9	113.9
200	30.9	23.5	35.3



#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	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

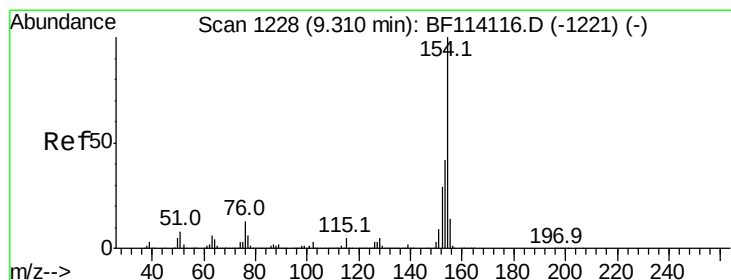
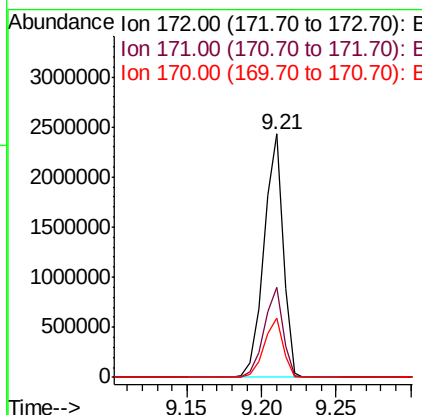
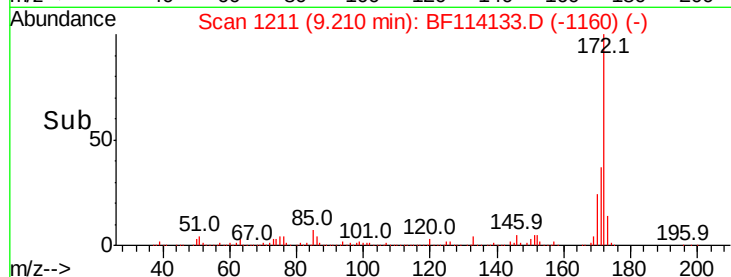
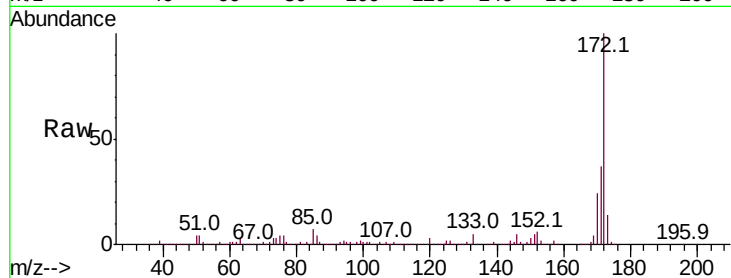




#45
2-Fluorobiphenyl
Concen: 60.448 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

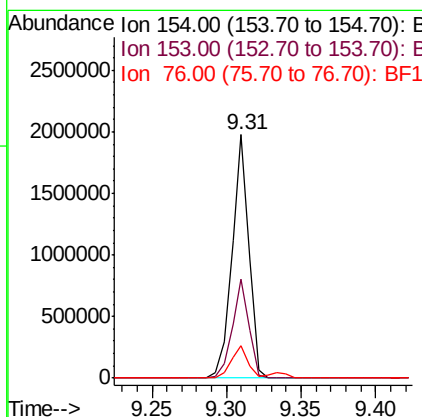
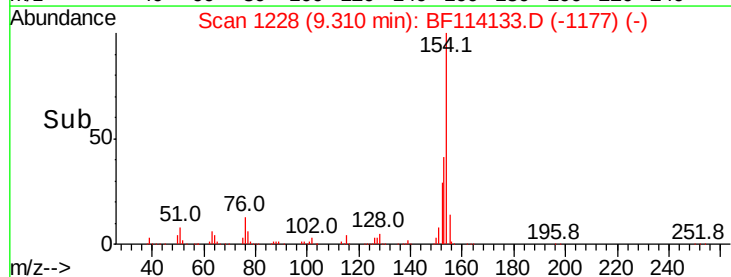
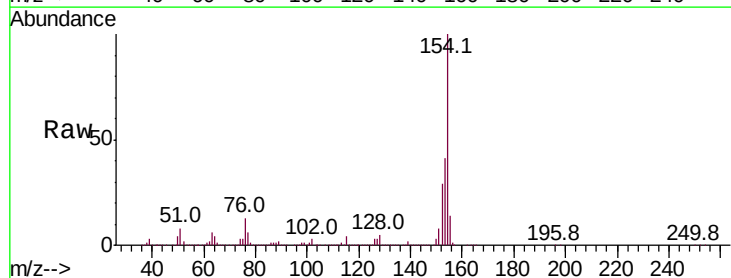
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

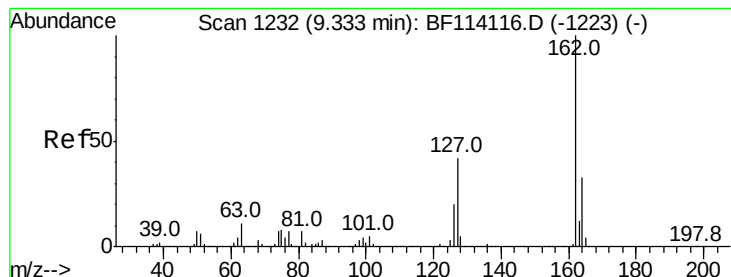
Tot Ion:172 Resp: 2131405
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.1 20.5 30.7



#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





#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

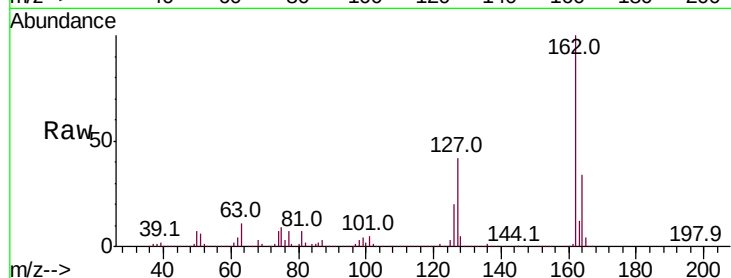
Tot Ion:162 Resp: 1180727

Ion Ratio Lower Upper

162 100

127 41.9 34.0 51.0

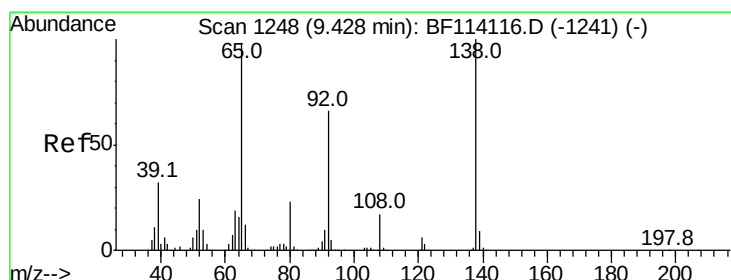
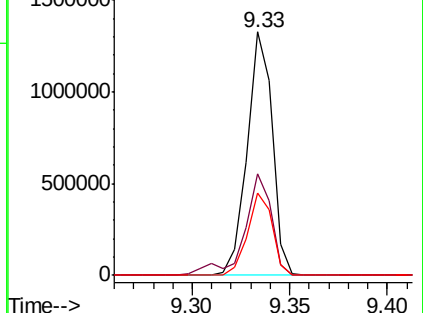
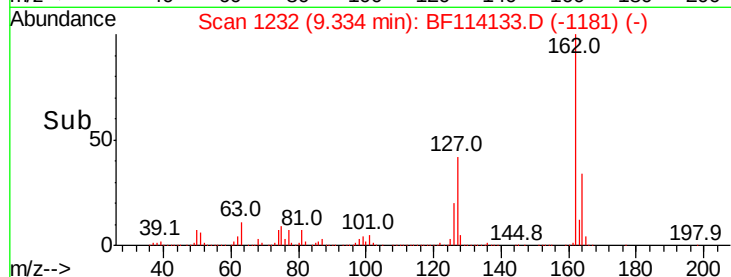
164 33.7 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 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

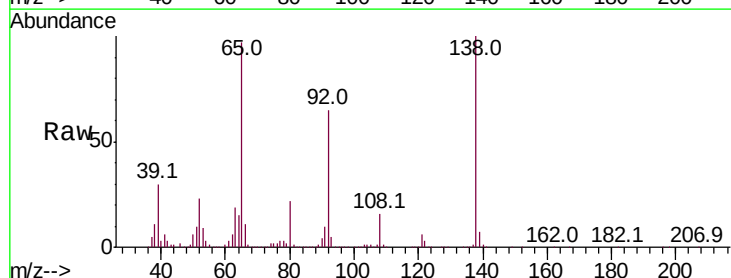
Tgt Ion: 65 Resp: 422796

Ion Ratio Lower Upper

65 100

92 67.1 53.9 80.9

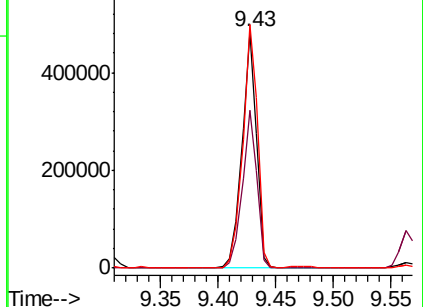
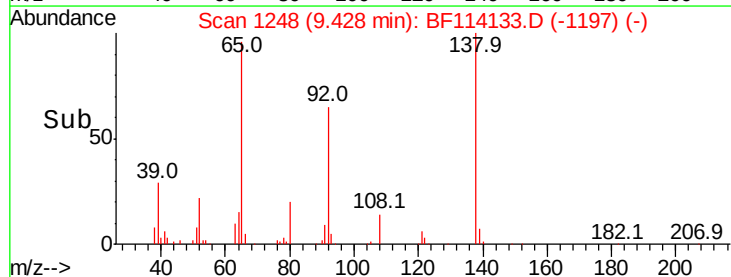
138 103.2 81.4 122.0

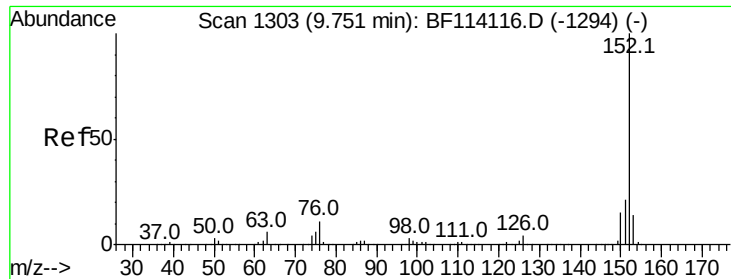


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 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

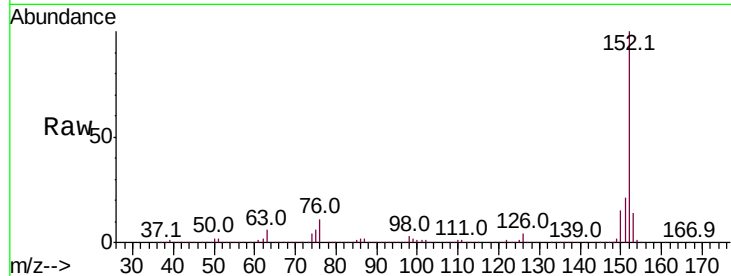
Tot Ion:152 Resp: 1803258

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

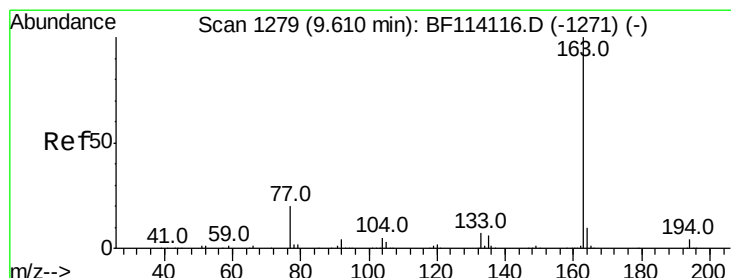
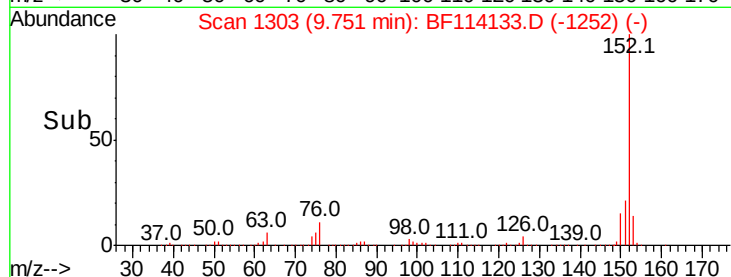
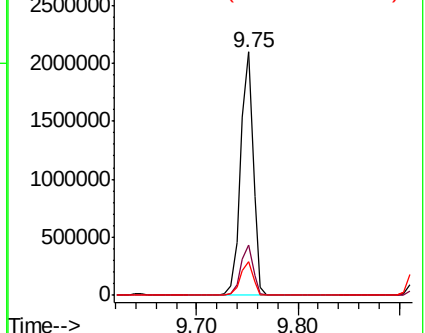
153 13.8 11.4 17.2



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

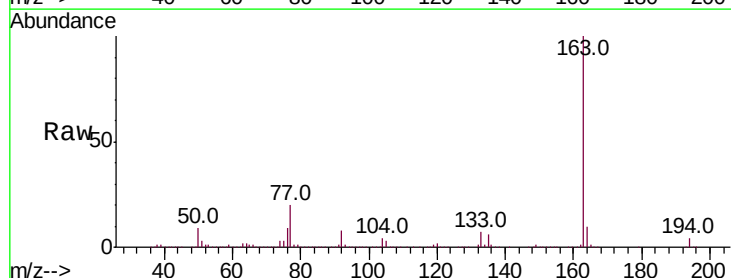
Tgt Ion:163 Resp: 1765954

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

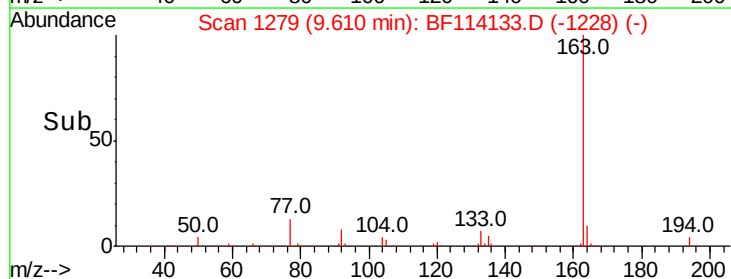
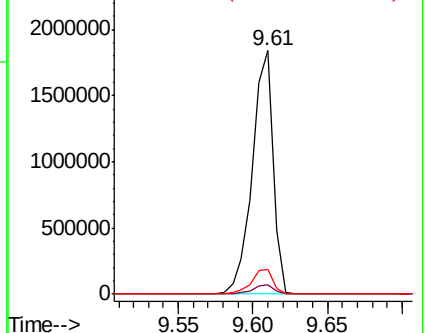
164 10.4 8.2 12.2

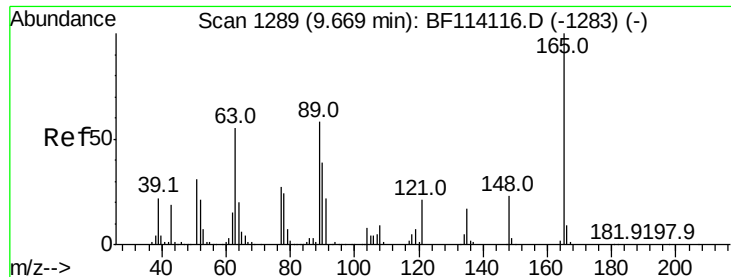


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

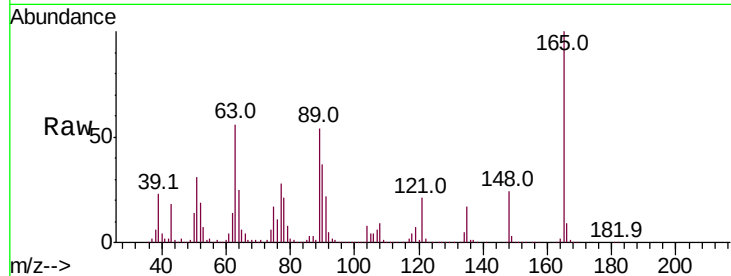




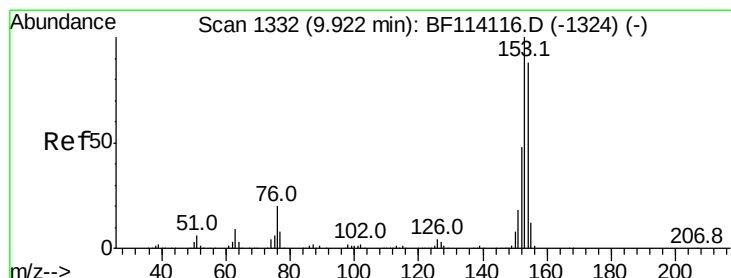
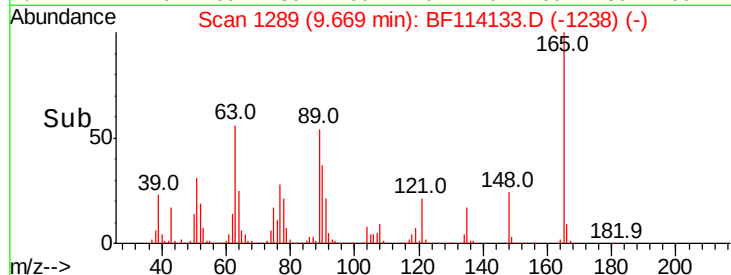
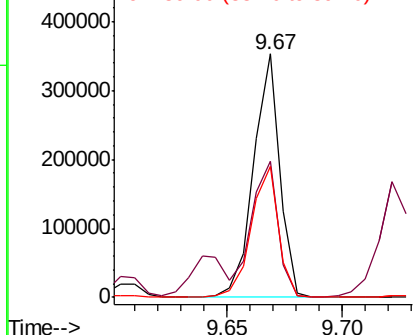
#51
 2,6-Dinitrotoluene
 Concen: 32.510 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	50.2	75.4
89	53.9	46.6	69.8

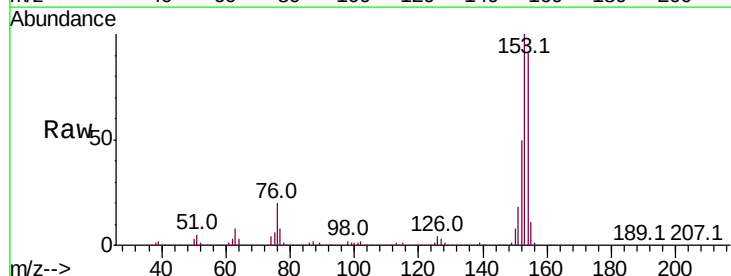


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

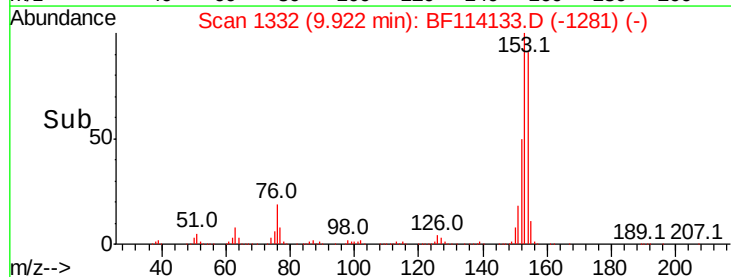
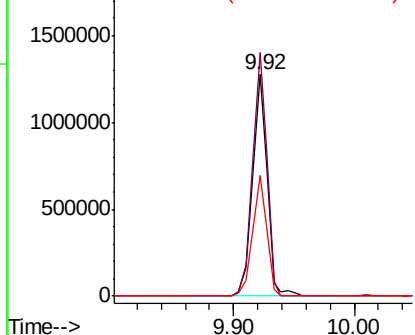


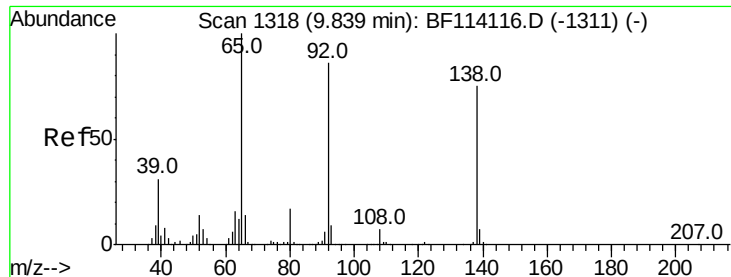
#52
 Acenaphthene
 Concen: 33.560 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

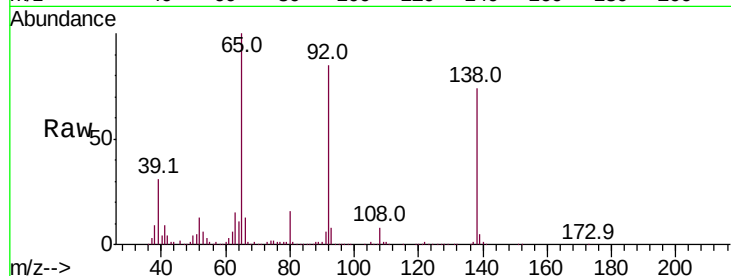




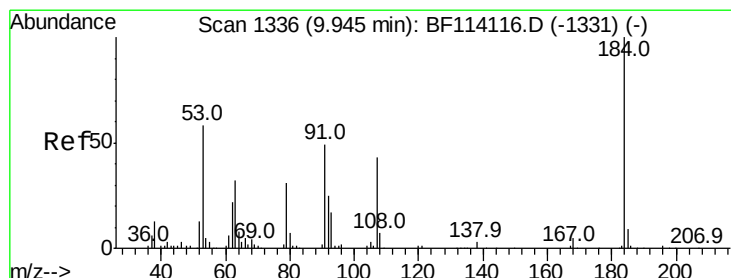
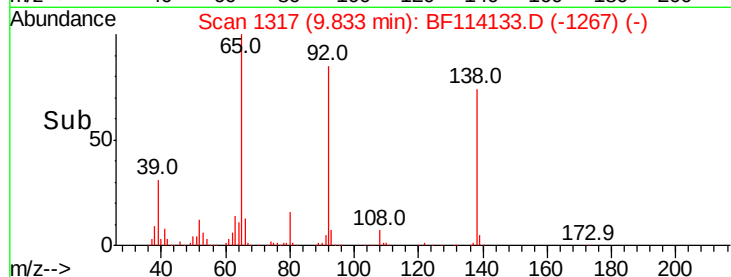
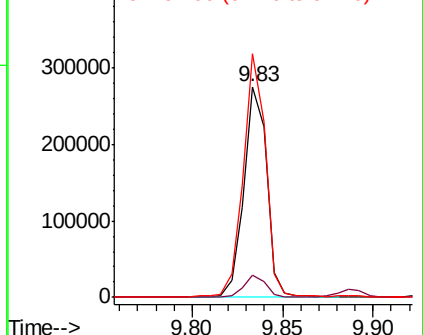
#53
3-Nitroaniline
Concen: 22.516 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Tot Ion:138 Resp: 242731
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 115.5 91.2 136.8

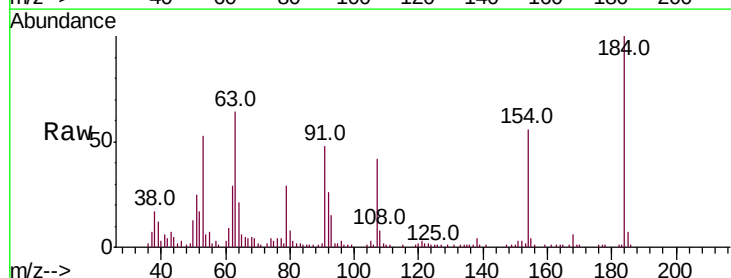


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

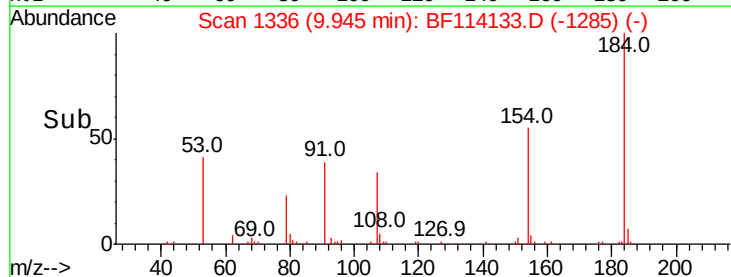
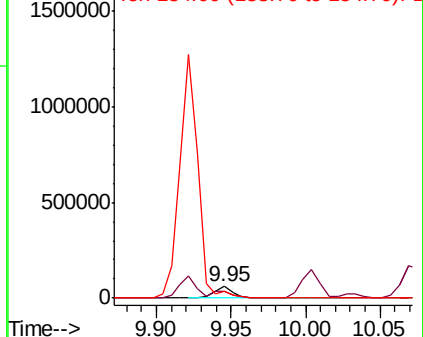


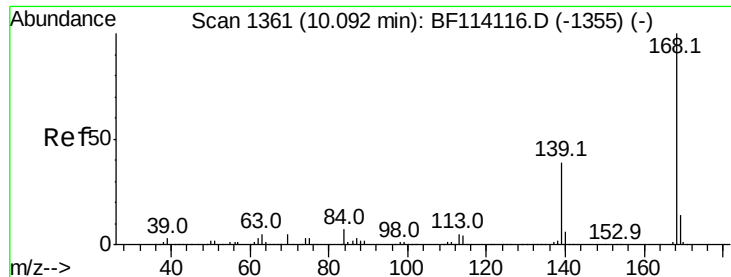
#54
2,4-Dinitrophenol
Concen: 18.536 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

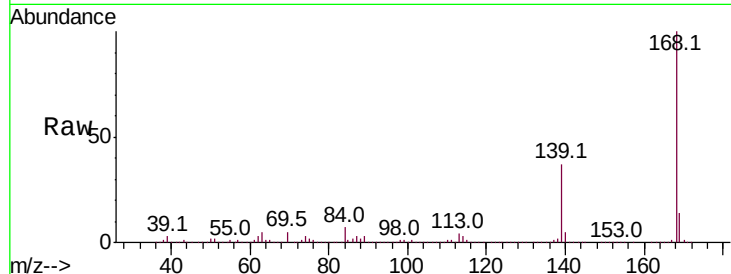




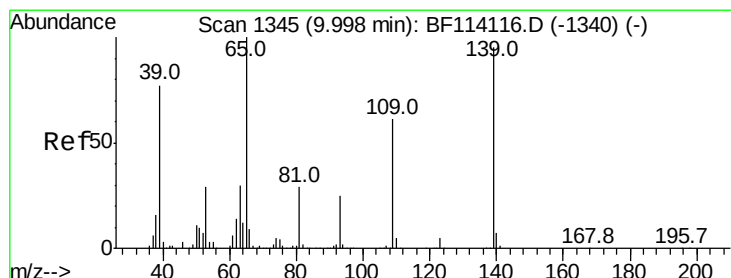
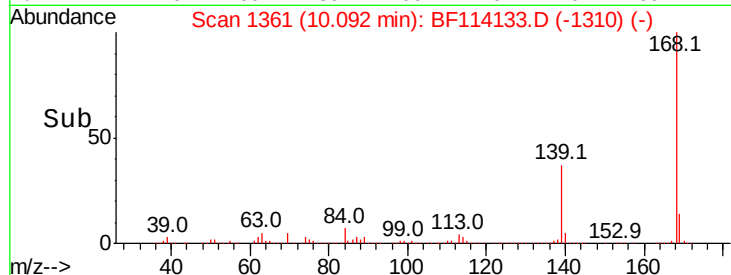
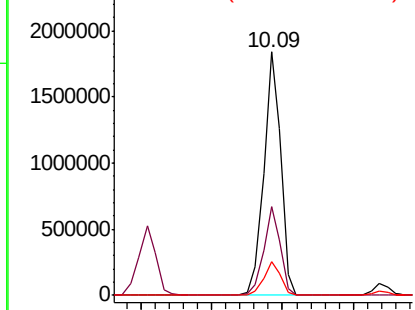
#55
Dibenzenofuran
Concen: 33.044 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

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

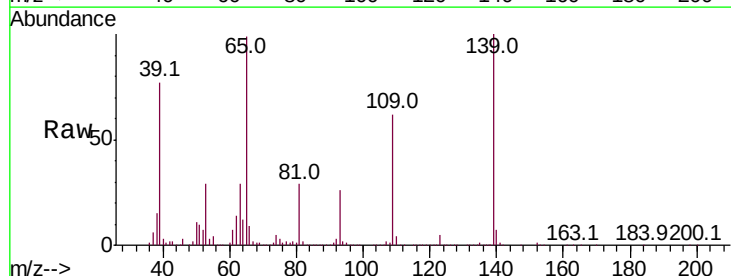


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

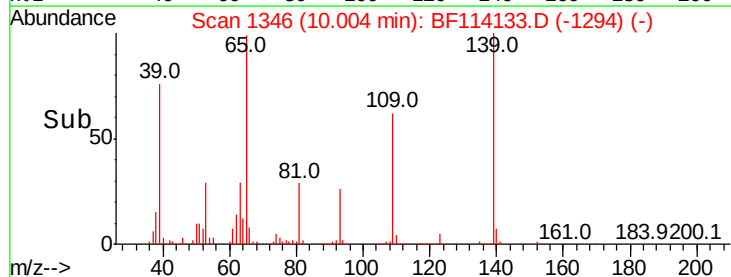
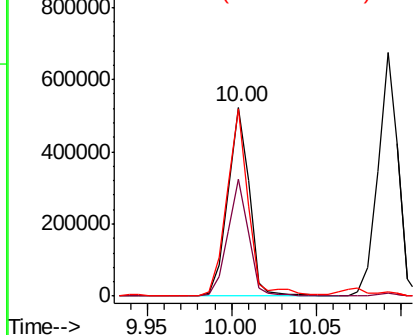


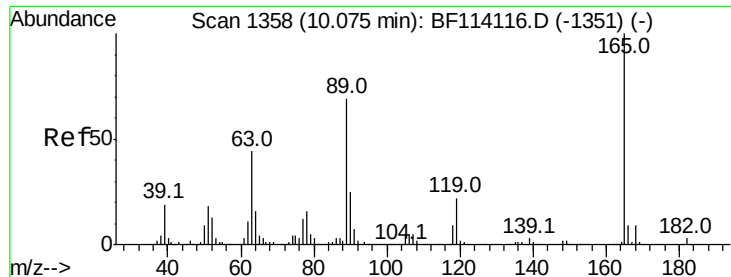
#56
4-Nitrophenol
Concen: 60.511 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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
800000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

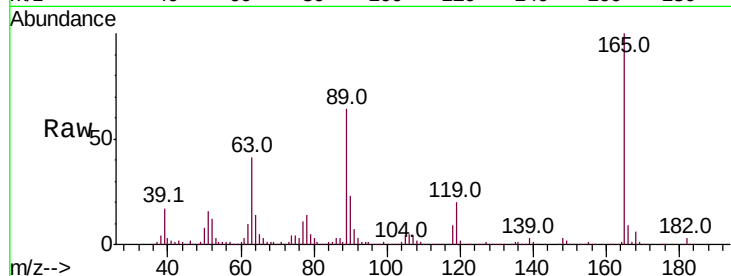




#57
 2,4-Dinitrotoluene
 Concen: 29.367 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

Tot 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	



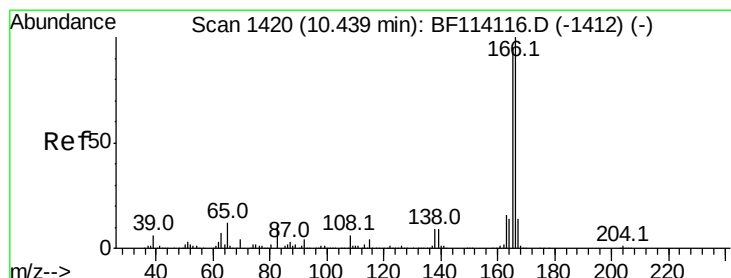
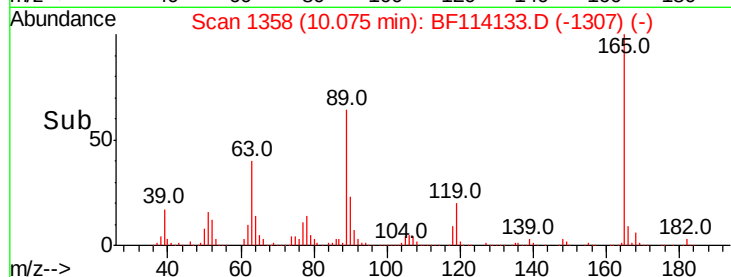
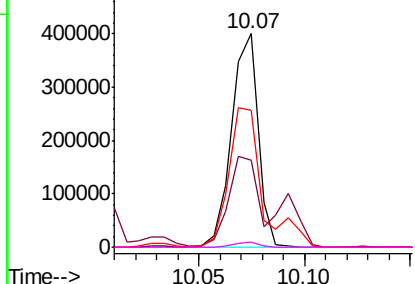
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

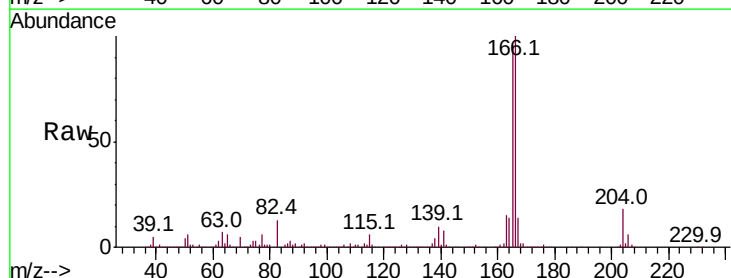
Ion 89.00 (88.70 to 89.70): BF1

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

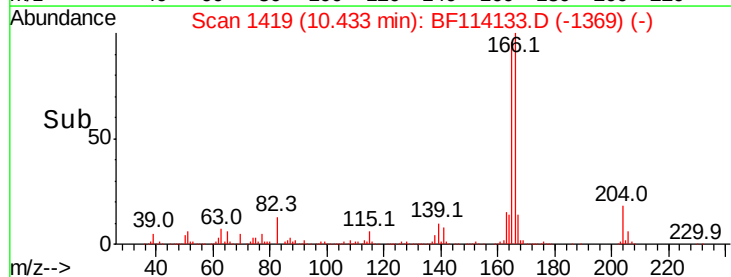
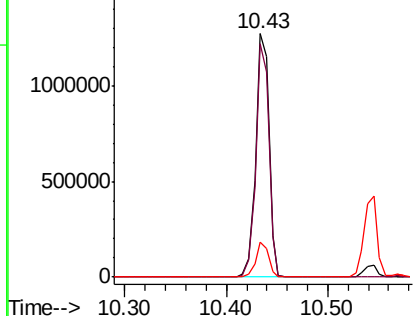


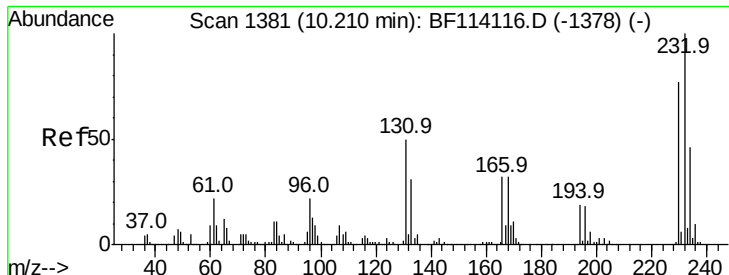
Abundance

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

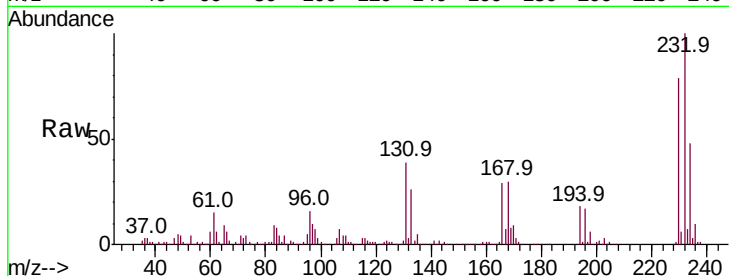




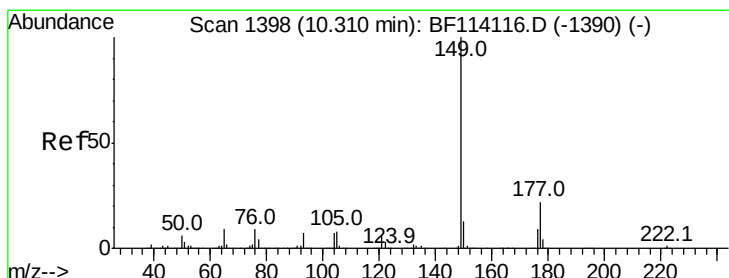
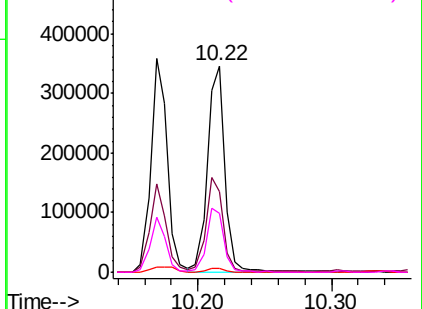
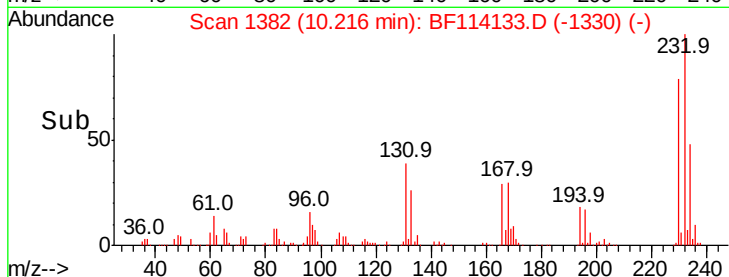
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.033 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

Tot 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

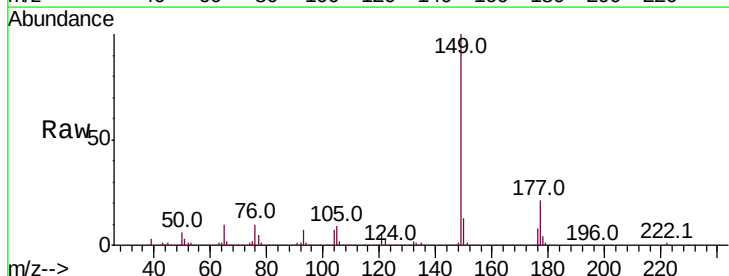


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

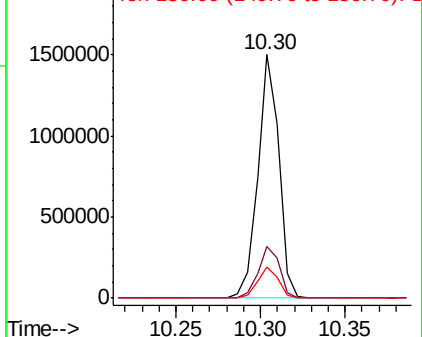
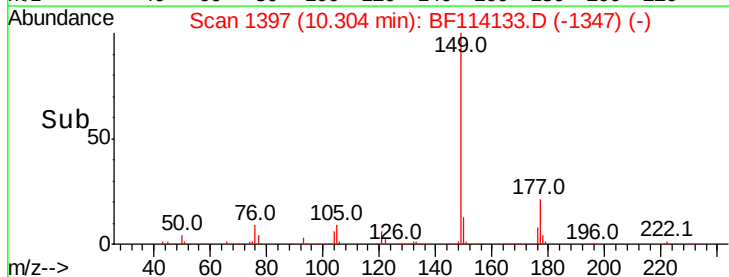


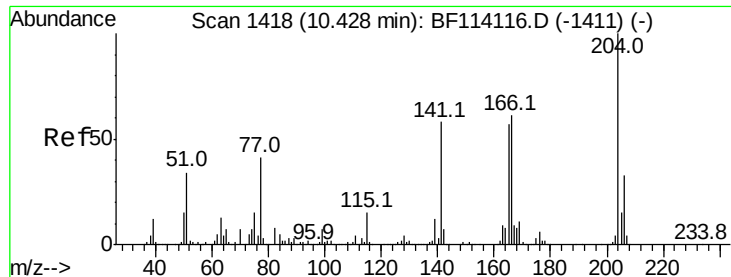
#60
Diethylphthalate
Concen: 32.537 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

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

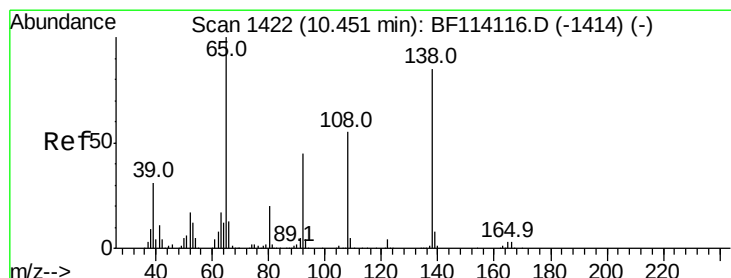
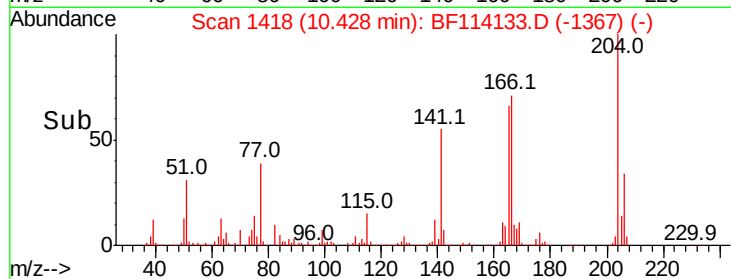
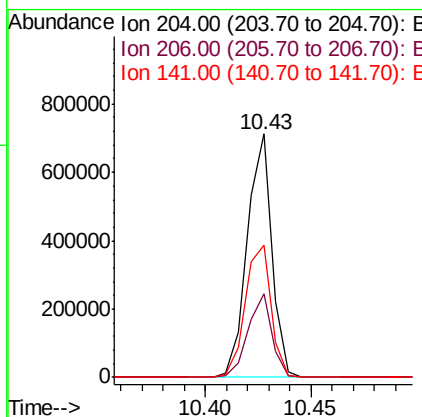
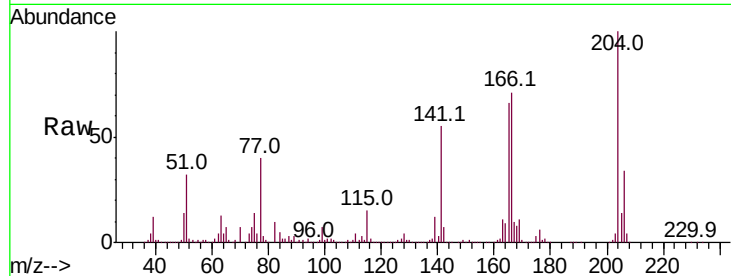




#61
4-Chlorophenyl-phenylether
Concen: 31.960 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

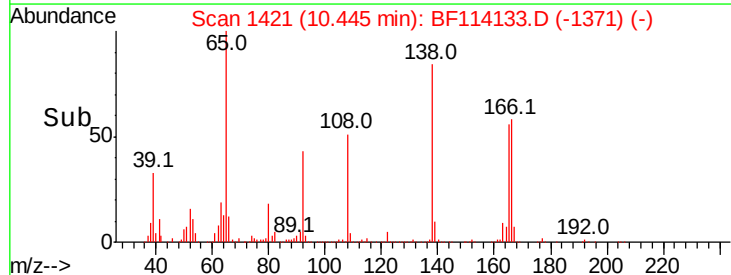
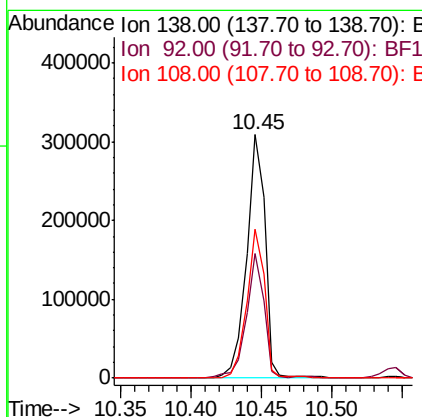
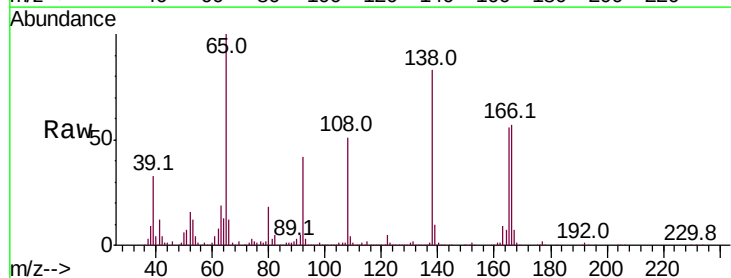
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

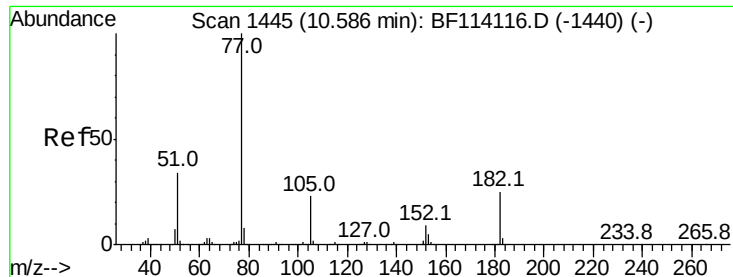
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	54.6	46.4	69.6



#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	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

Tot Ion: 77 Resp: 1189439

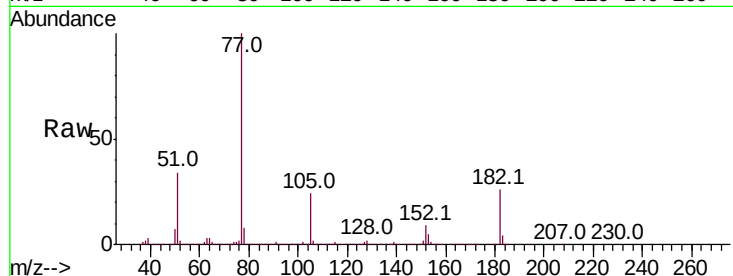
Ion Ratio Lower Upper

77 100

182 25.5 4.7 44.7

105 23.6 2.9 42.9

51 34.0 14.6 54.6

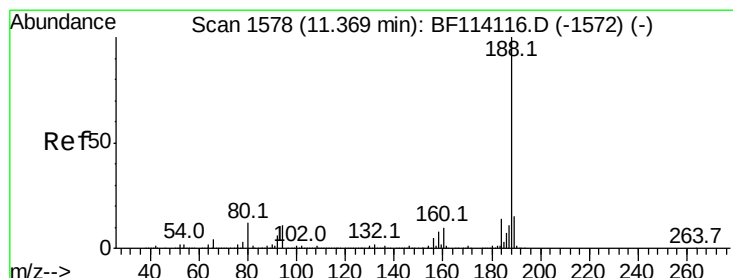
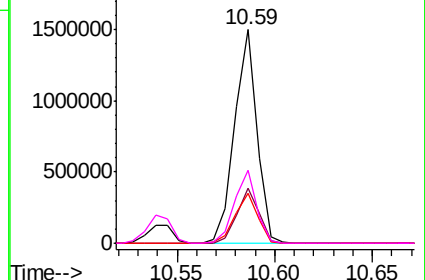
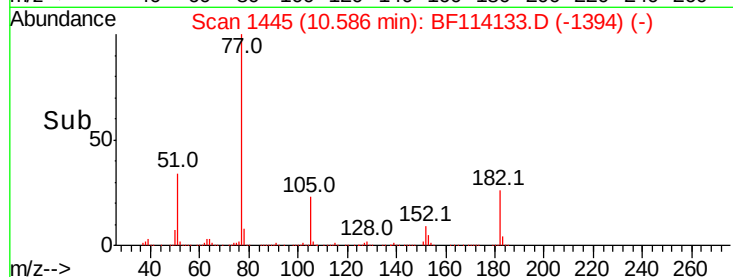


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

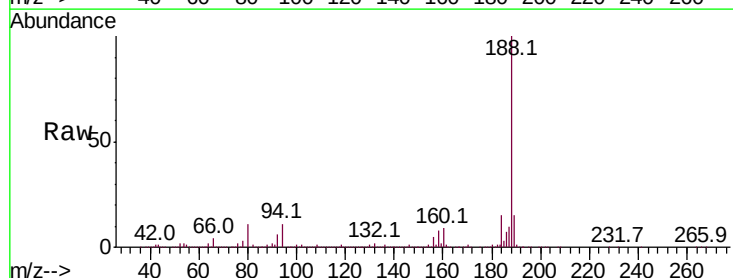
Tgt Ion: 188 Resp: 933656

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

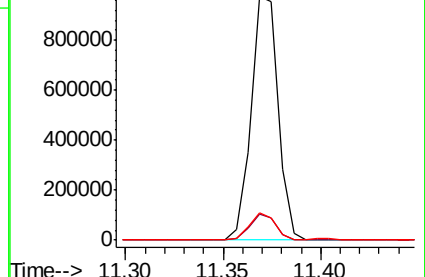
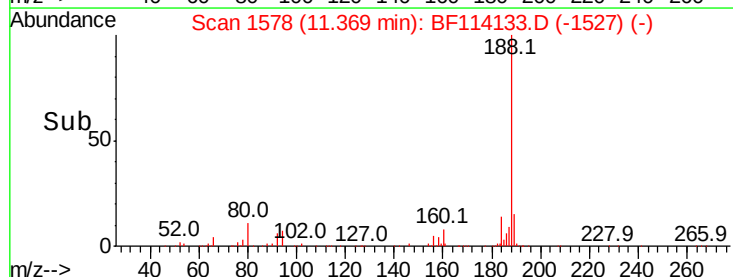
80 11.4 9.2 13.8

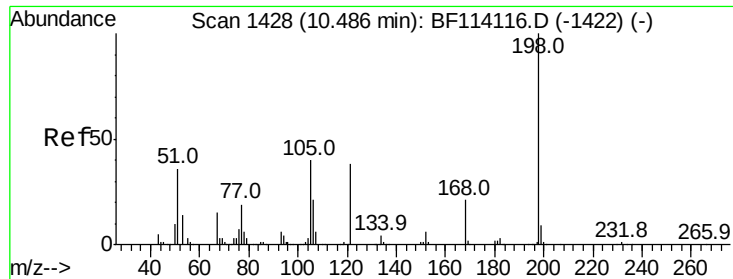


Abundance Ion 188.00 (187.70 to 188.70): BF1

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

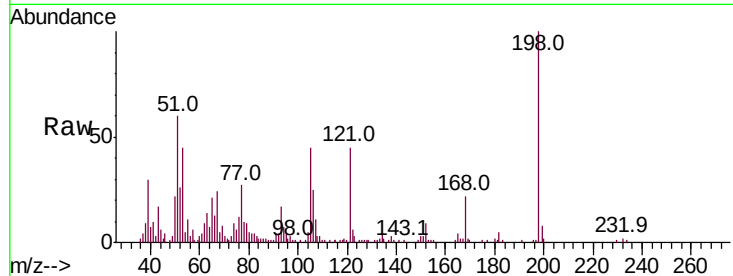
Tot Ion:198 Resp: 39124

Ion Ratio Lower Upper

198 100

51 60.2 28.0 68.0

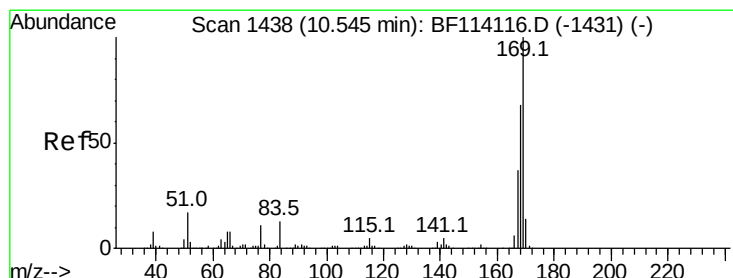
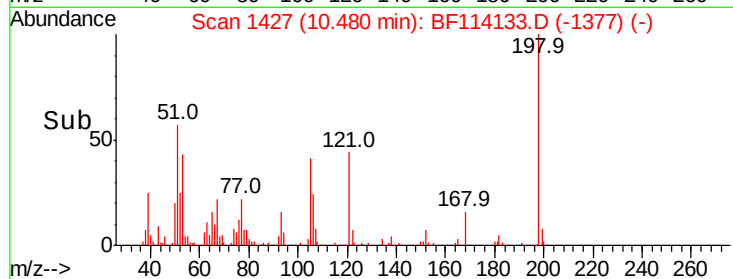
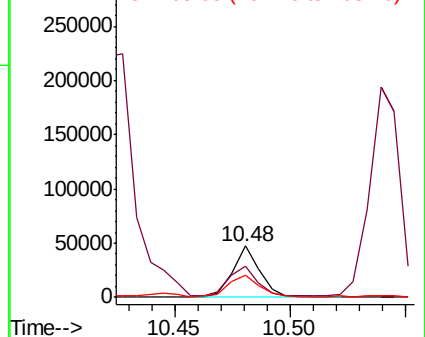
105 44.6 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 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

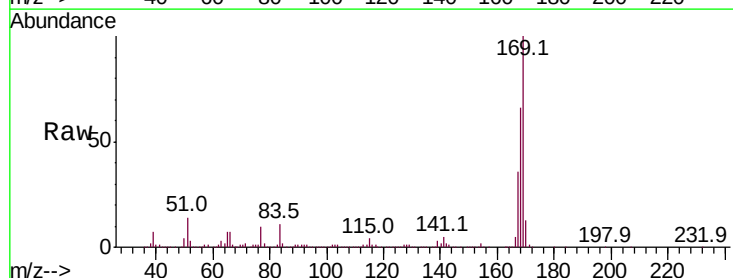
Tgt Ion:169 Resp: 1064406

Ion Ratio Lower Upper

169 100

168 65.8 54.2 81.2

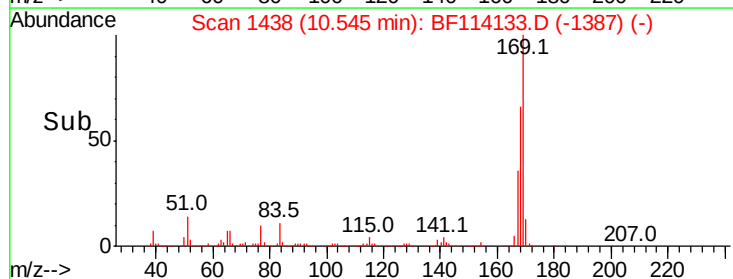
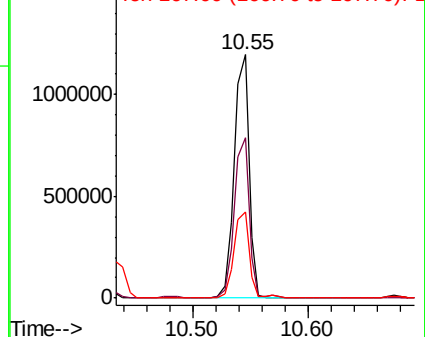
167 35.5 29.8 44.8

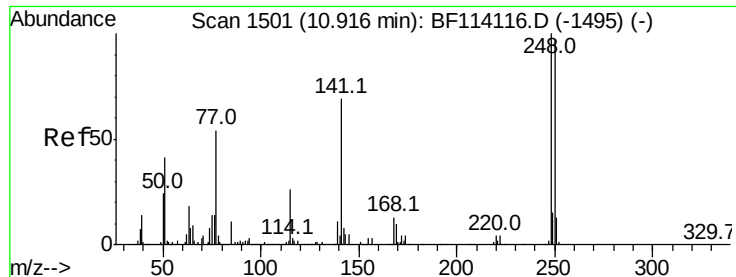


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

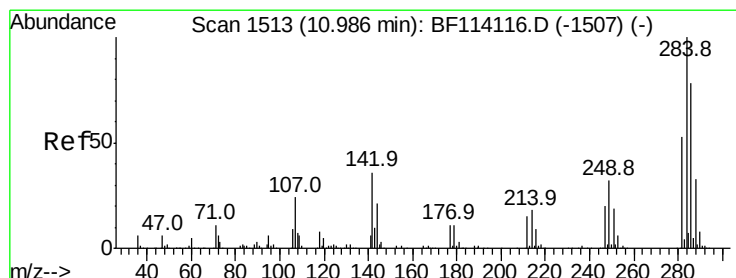
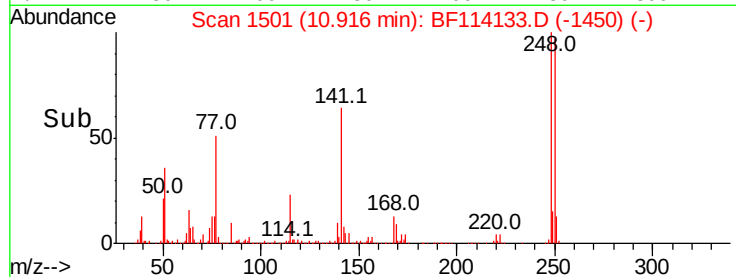
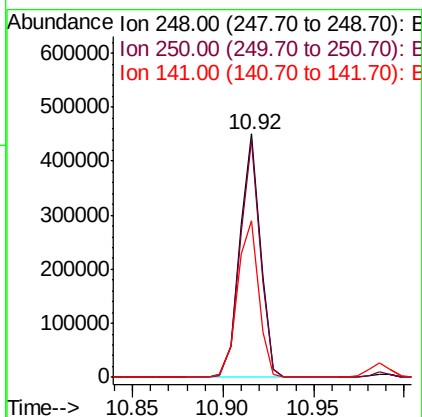
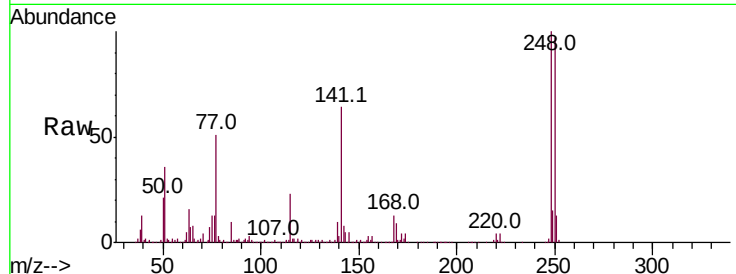




#67
4-Bromophenyl-phenylether
Concen: 34.293 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

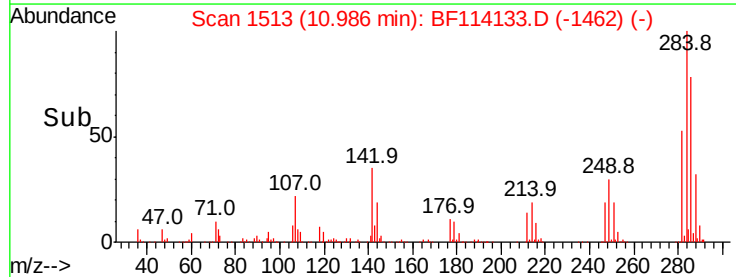
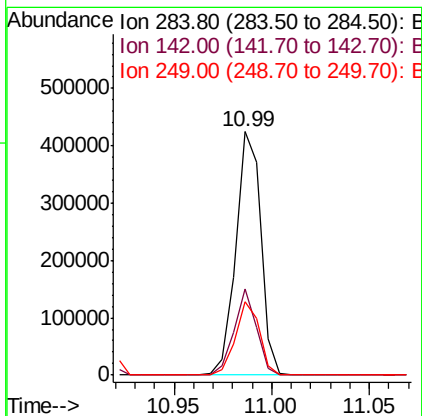
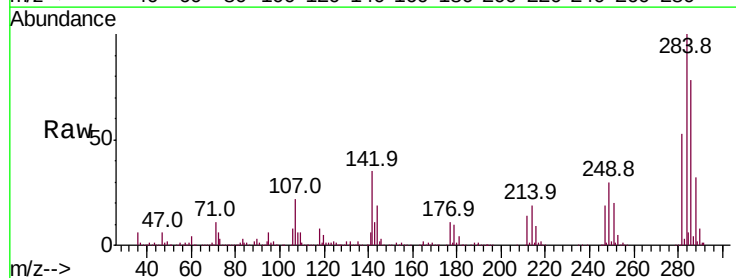
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

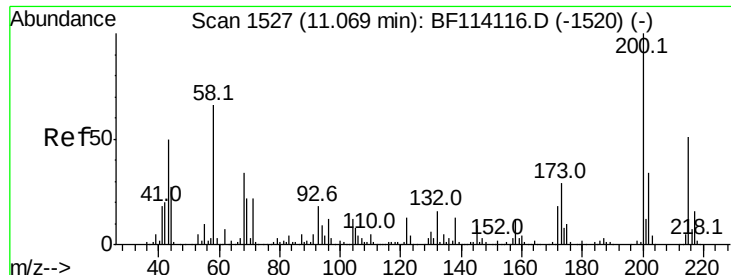
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	64.2	55.6	83.4



#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

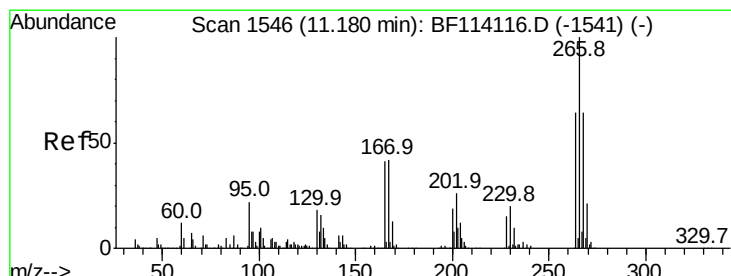
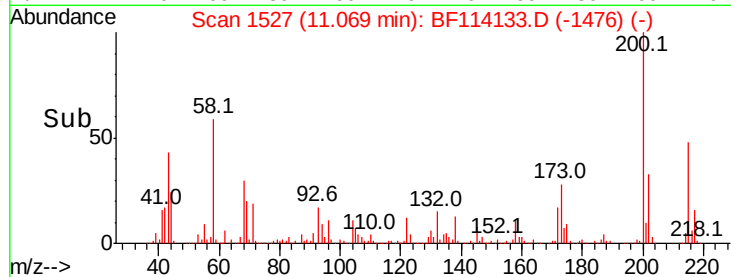
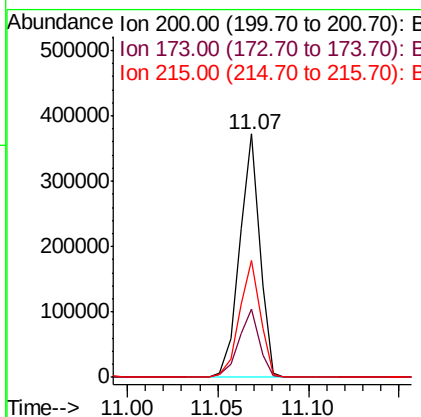
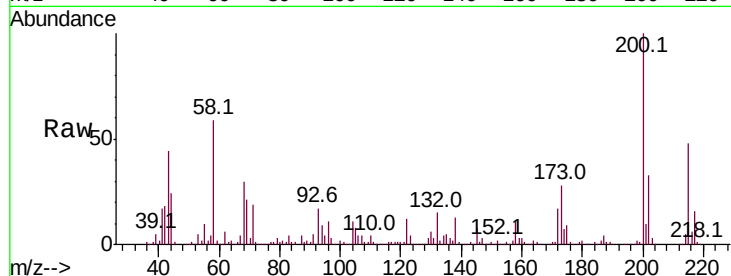




#69
 Atrazine
 Concen: 32.706 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

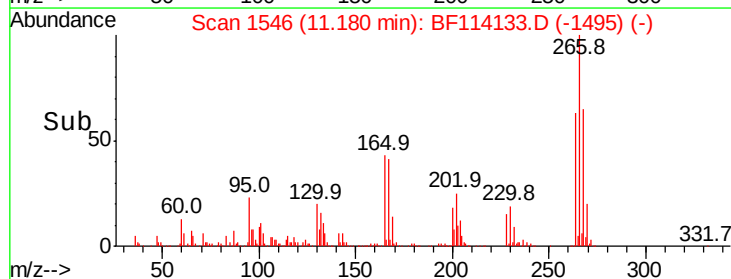
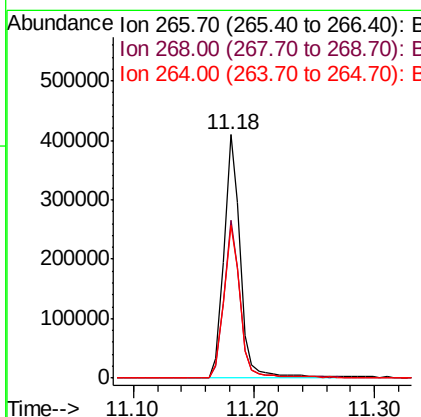
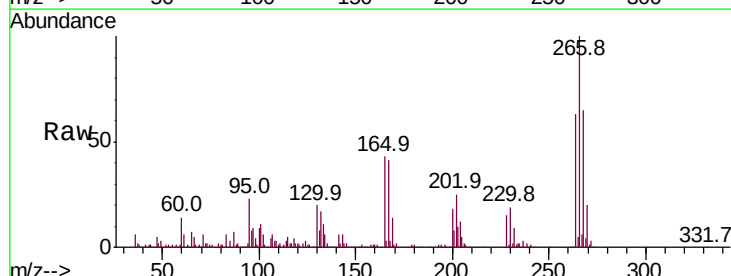
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

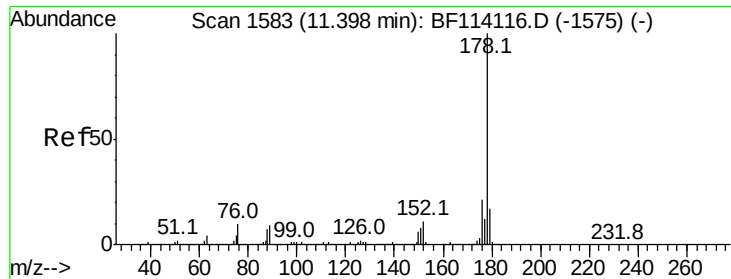
Tot Ion:	200	Resp:	288408
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.9	48.9
215	48.1	30.7	70.7



#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

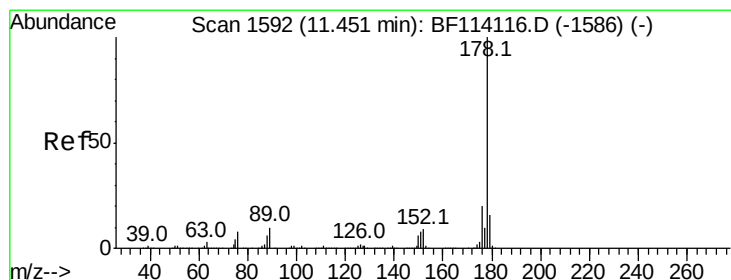
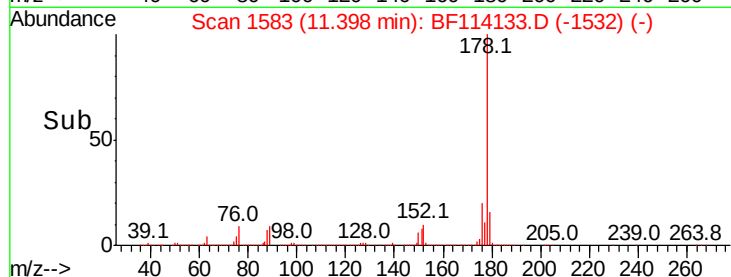
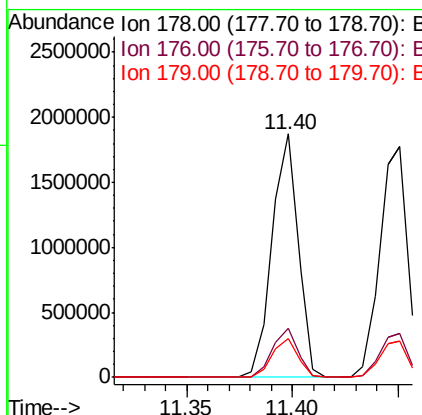
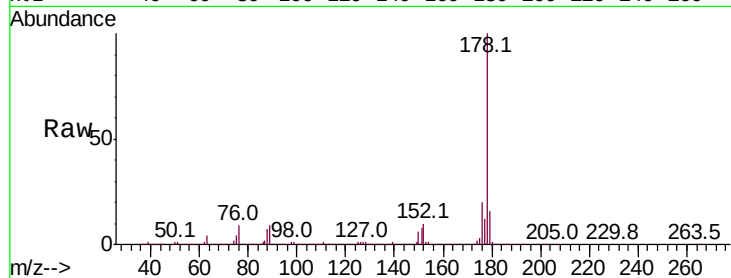




#71
 Phenanthrene
 Concen: 35.615 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

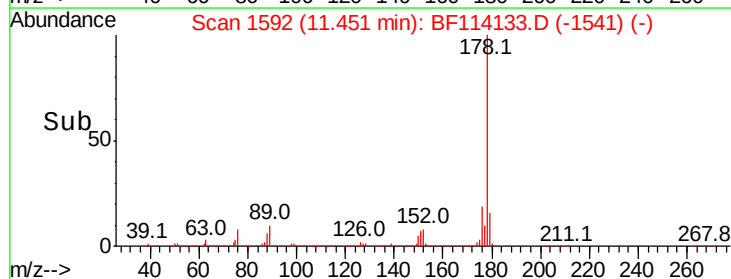
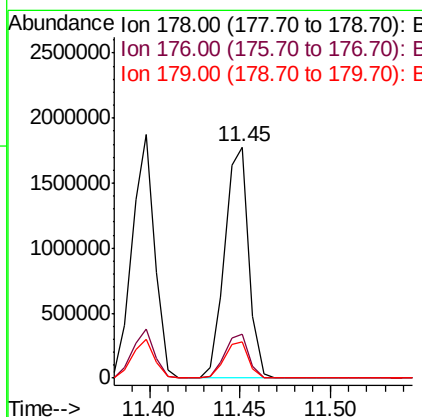
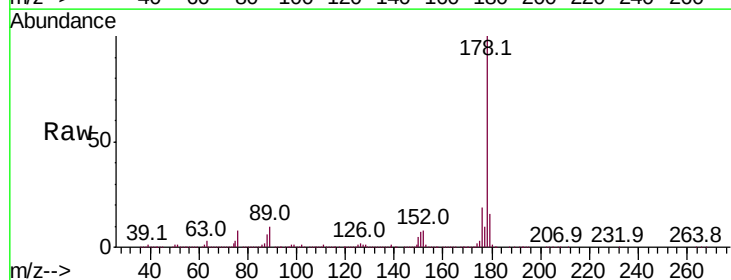
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MSD

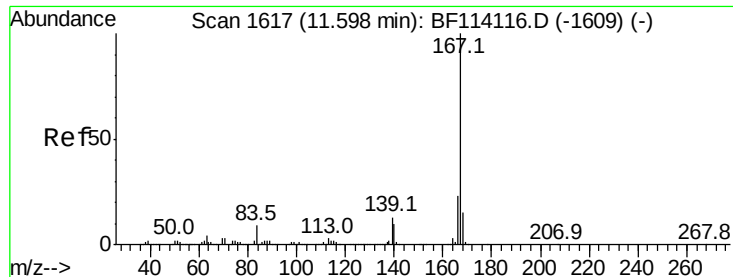
Tot Ion:178 Resp: 1617775
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.4 24.6
 179 15.9 13.2 19.8



#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



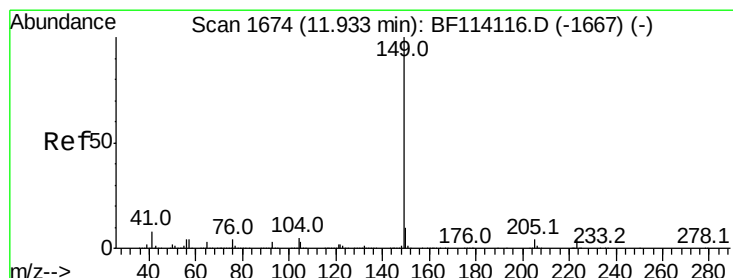
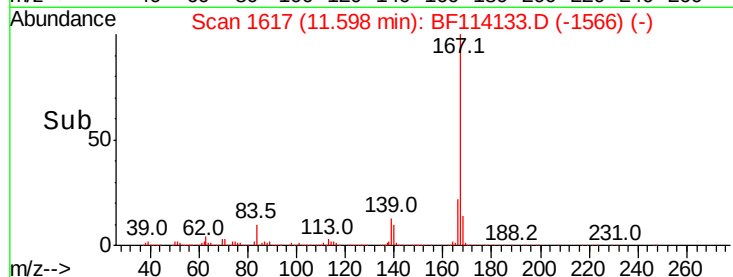
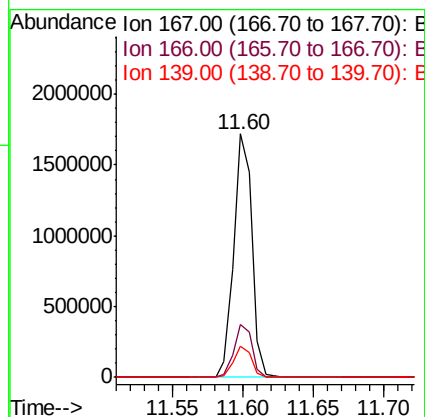
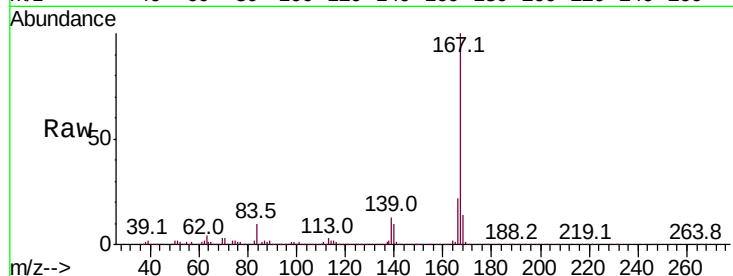


#73
 Carbazole
 Concen: 35.370 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

Tot Ion:167 Resp: 1538824

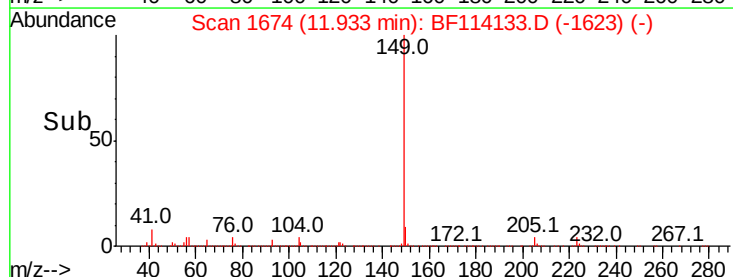
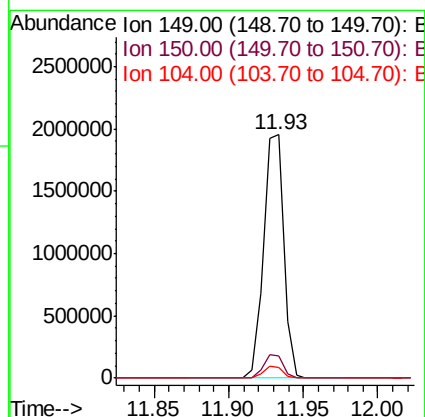
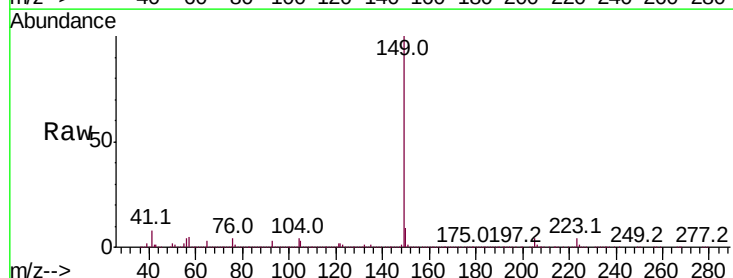
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.9	10.6	16.0

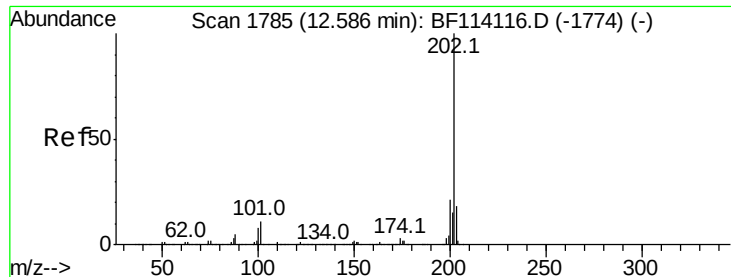


#74
 Di-n-butylphthalate
 Concen: 36.028 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

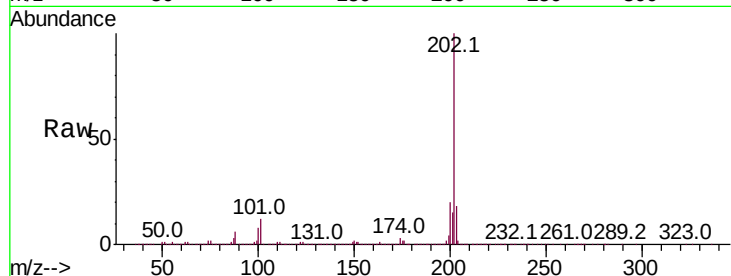
Tot Ion:202 Resp: 1833184

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.0

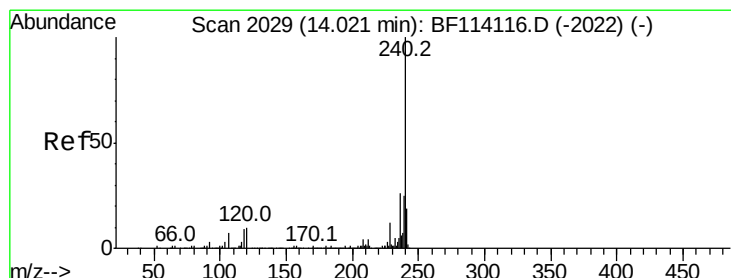
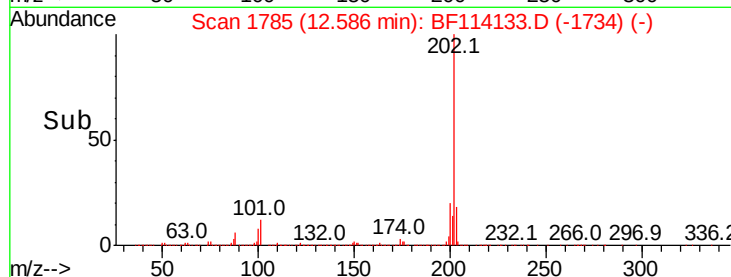
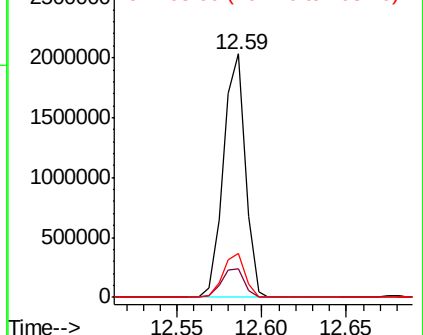
203 18.3 0.0 38.4



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

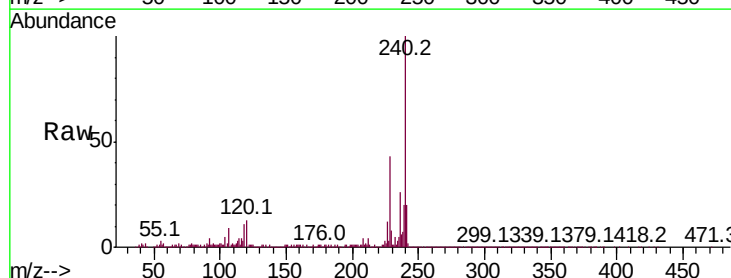
Tgt Ion:240 Resp: 671334

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

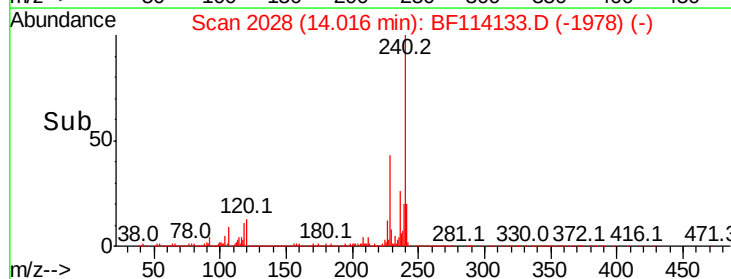
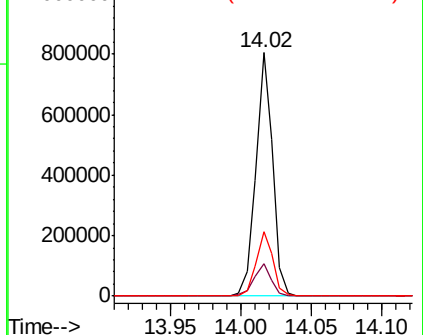
236 26.2 20.8 31.2

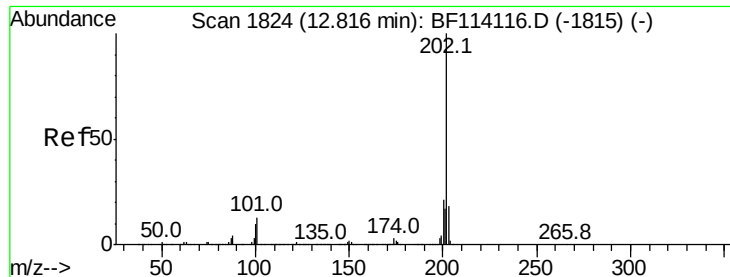


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

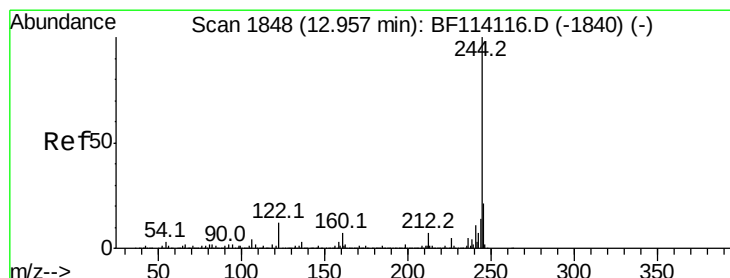
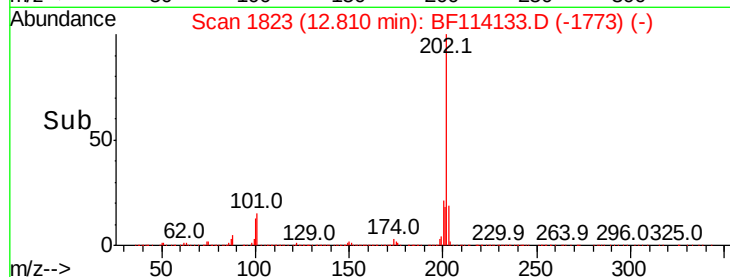
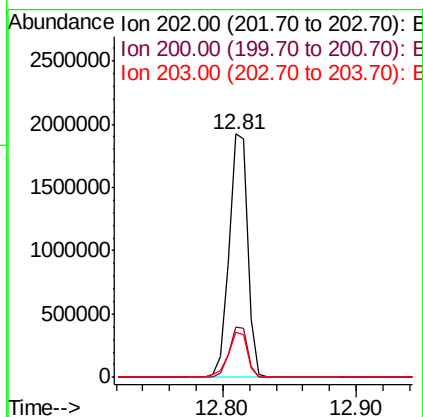
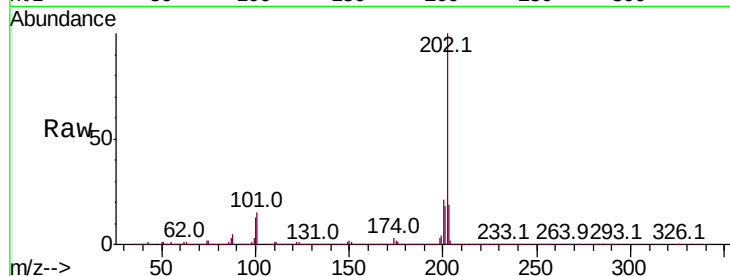




#78
Pvrene
Concen: 35.258 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

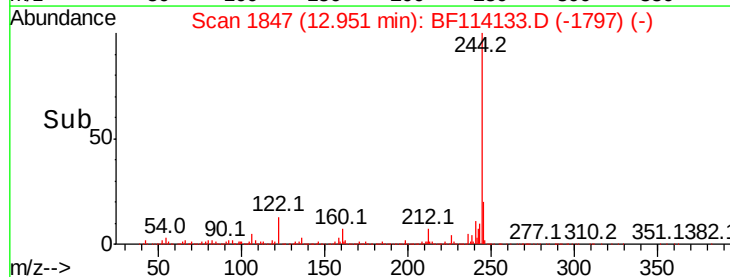
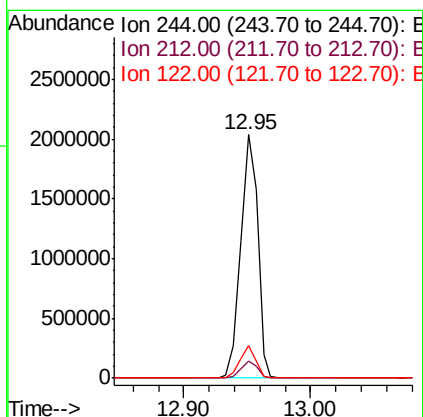
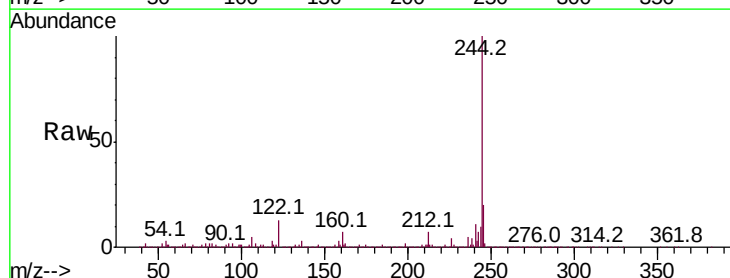
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

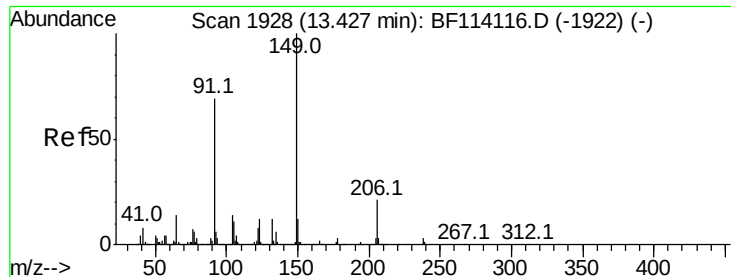
Tot Ion:202 Resp: 1904108
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 18.7 14.5 21.7



#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

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

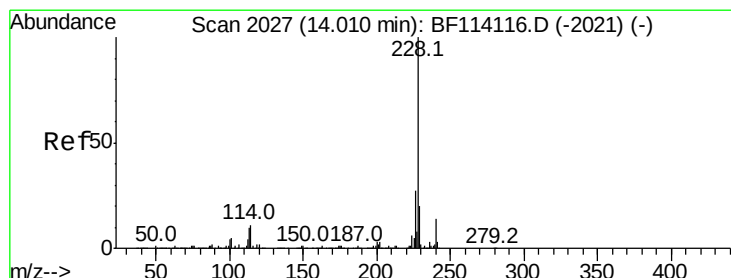
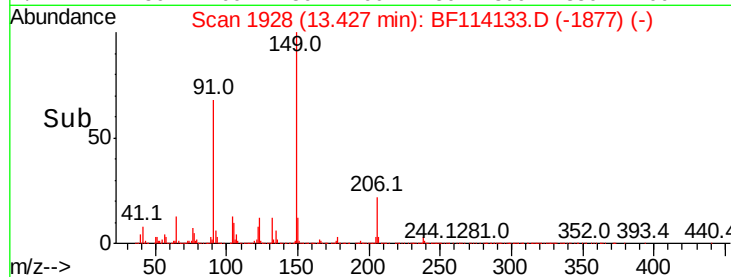
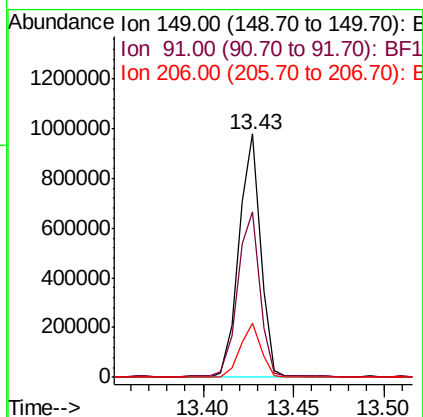
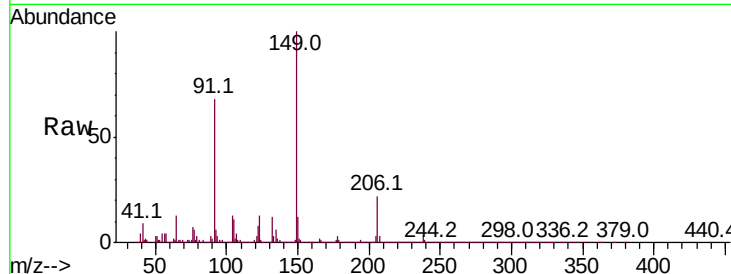




#80
Butylbenzylphthalate
Concen: 35.347 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

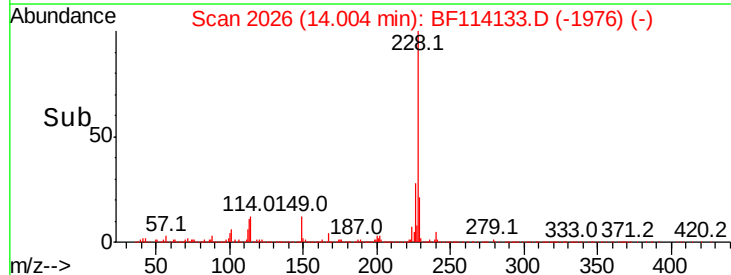
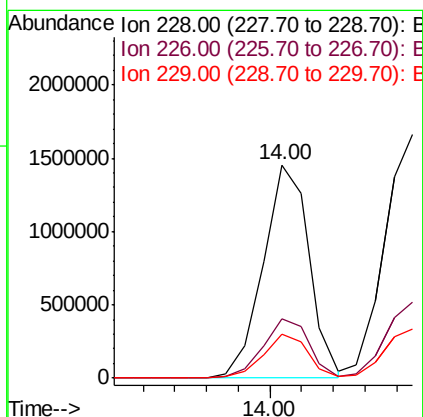
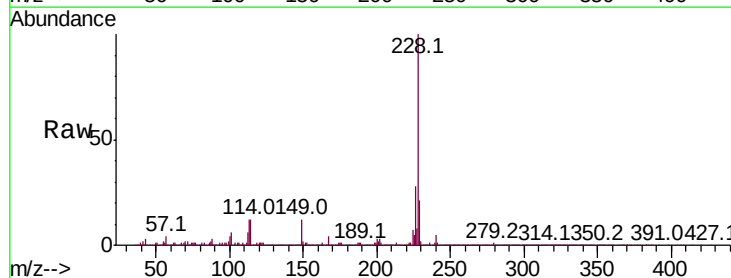
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

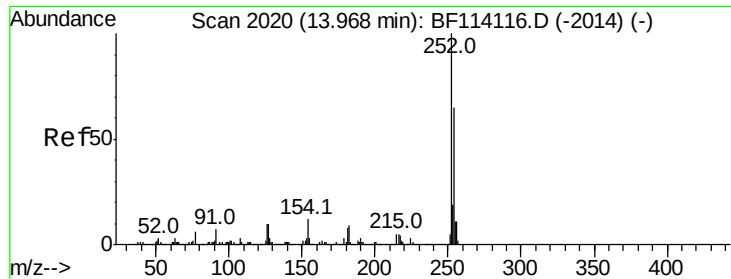
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	55.0	82.4
206	22.1	16.9	25.3



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.9	16.4	24.6

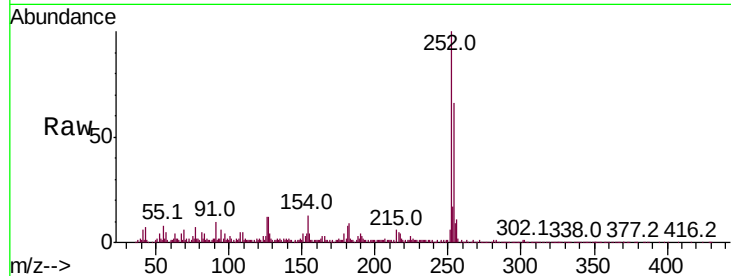




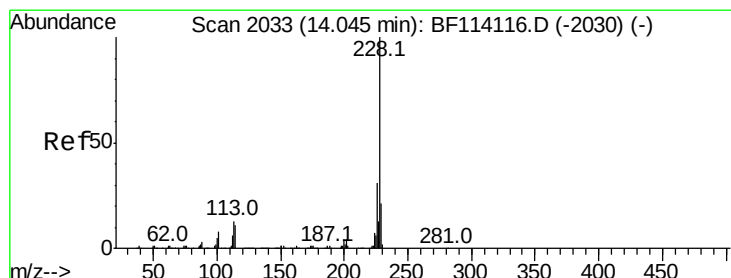
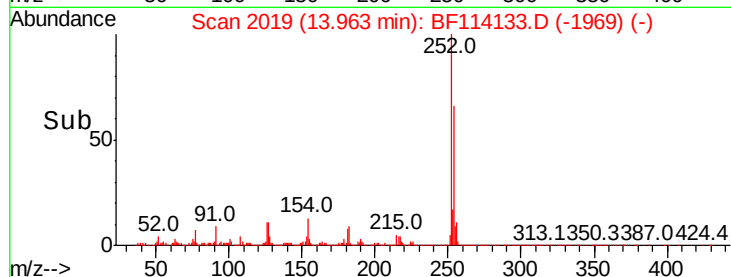
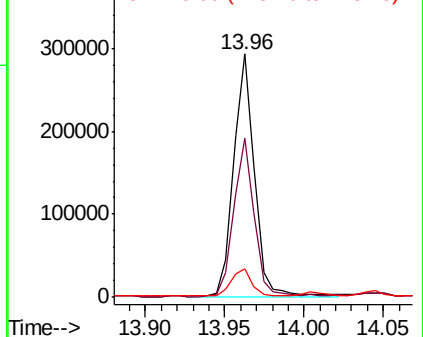
#82
 3,3'-Dichlorobenzidine
 Concen: 15.818 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

Tot Ion:252	Resp:	266452
Ion Ratio	Lower	Upper
252	100	
254	65.6	51.9 77.9
126	11.7	7.9 11.9

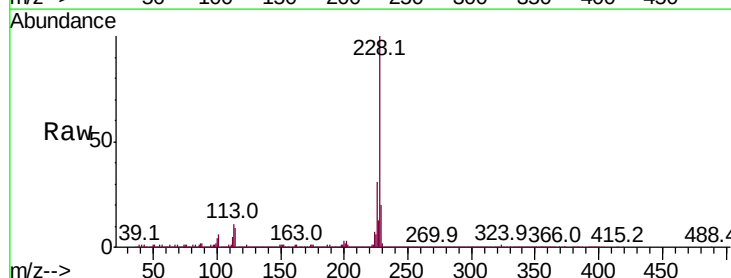


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

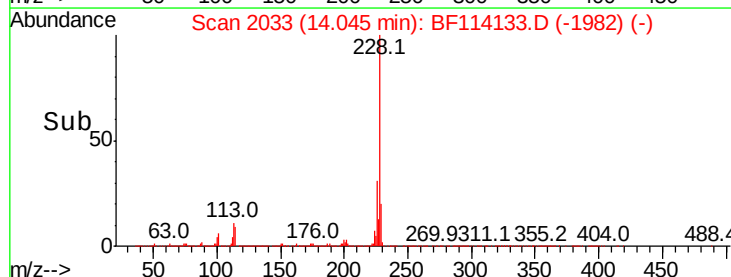
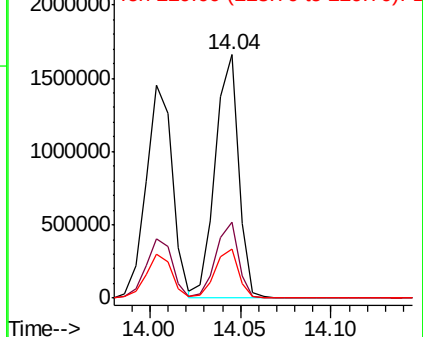


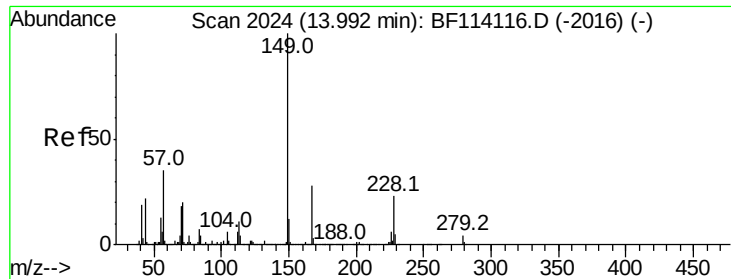
#83
 Chrysene
 Concen: 34.825 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF114133.D
 Acq: 10 May 2019 21:01

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

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

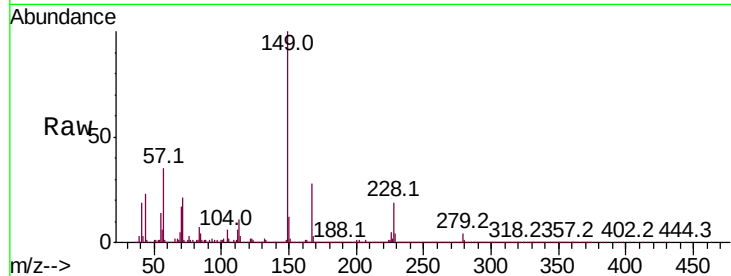
Tot Ion:149 Resp: 1051774

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

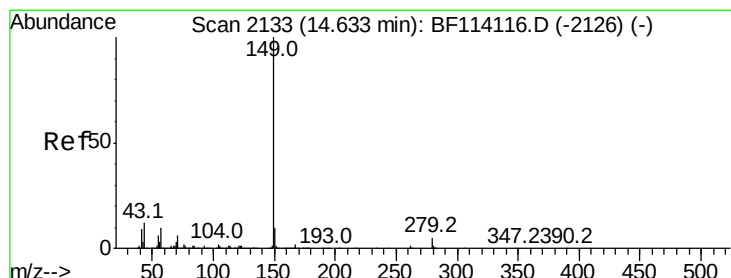
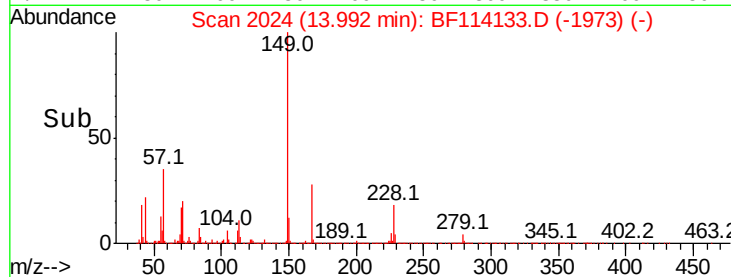
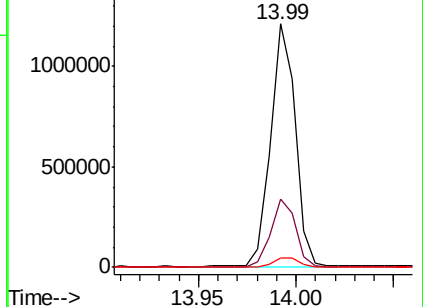
279 3.8 3.0 4.6



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

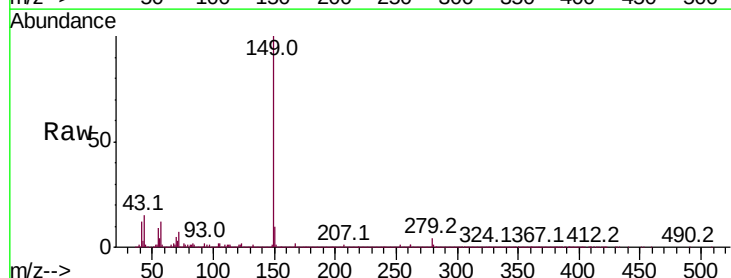
Tgt Ion:149 Resp: 1787102

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

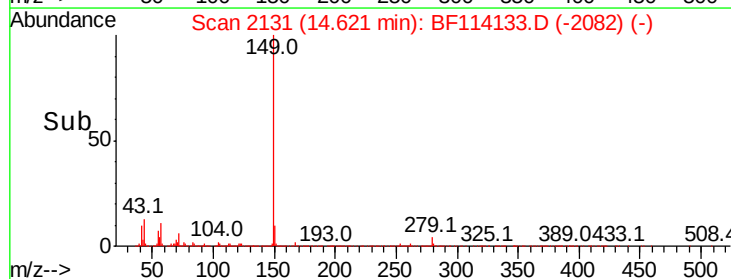
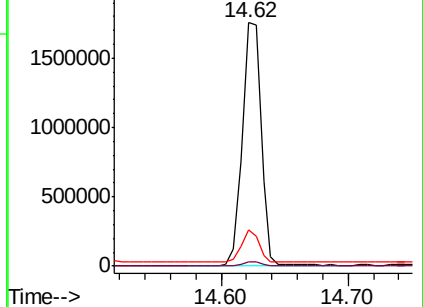
43 12.3 10.1 15.1

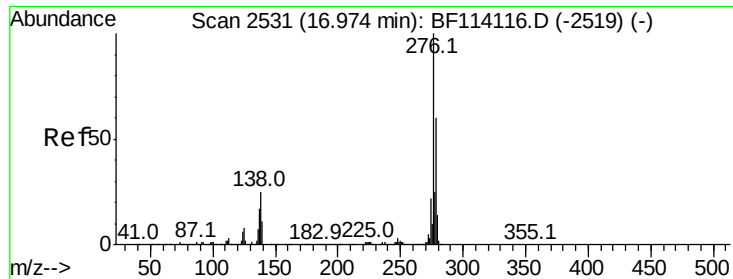


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

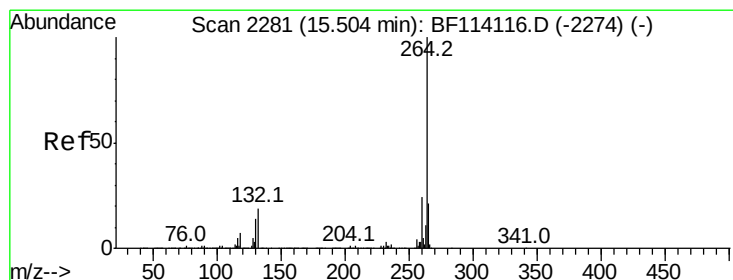
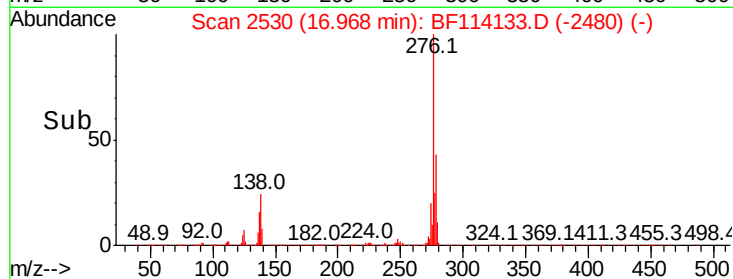
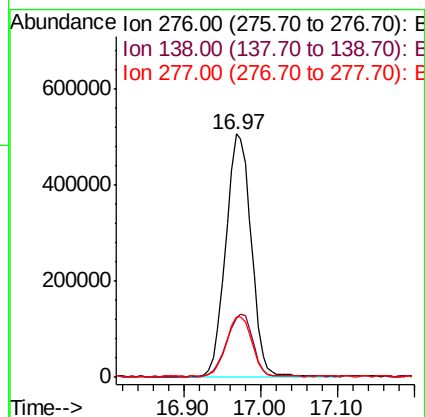
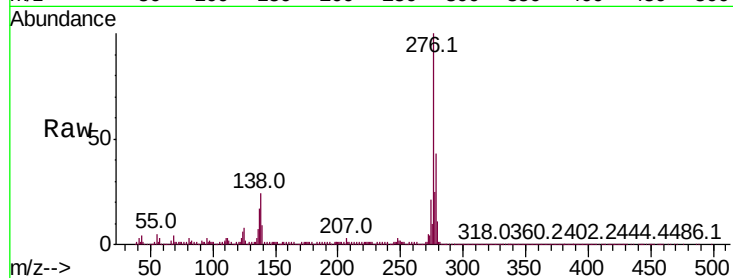




#86
Indeno(1,2,3-cd)pyrene
Concen: 30.794 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

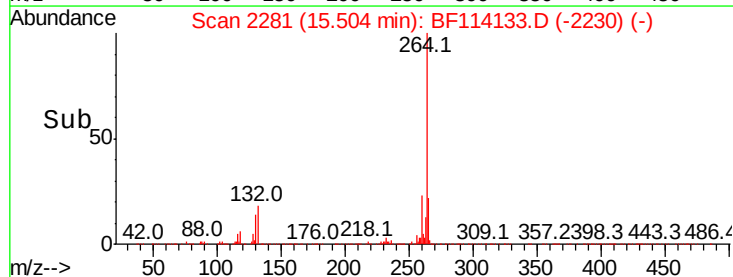
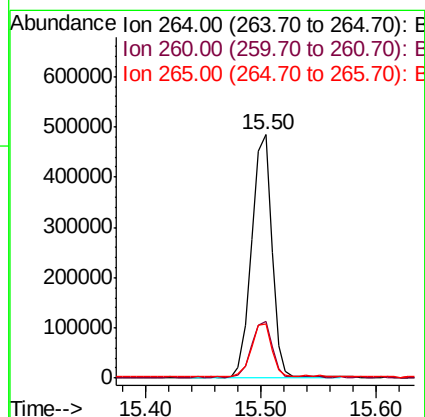
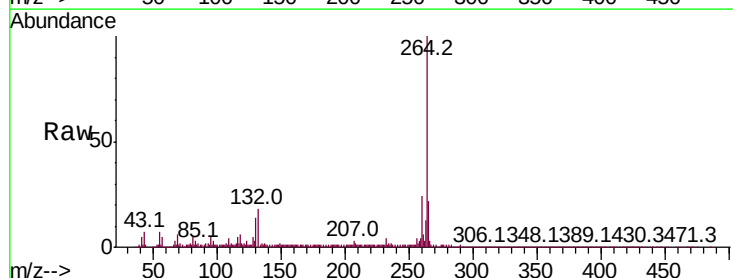
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

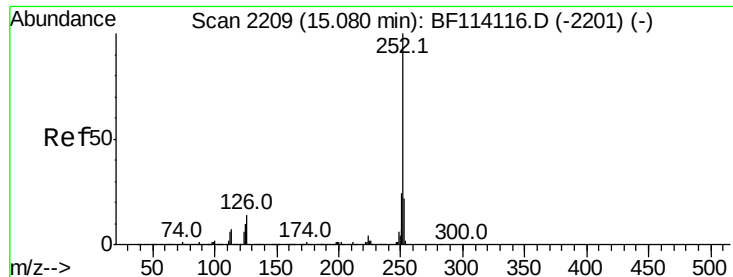
Tot Ion:276 Resp: 1158426
Ion Ratio Lower Upper
276 100
138 26.6 20.2 30.2
277 25.2 20.0 30.0



#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

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

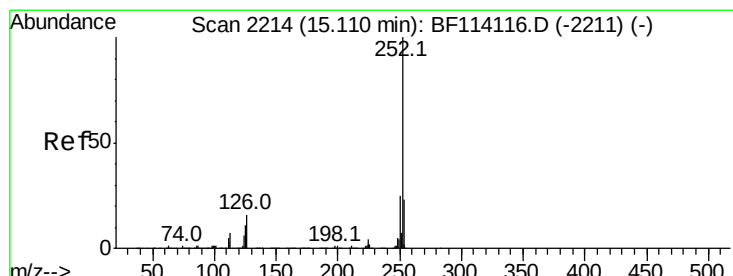
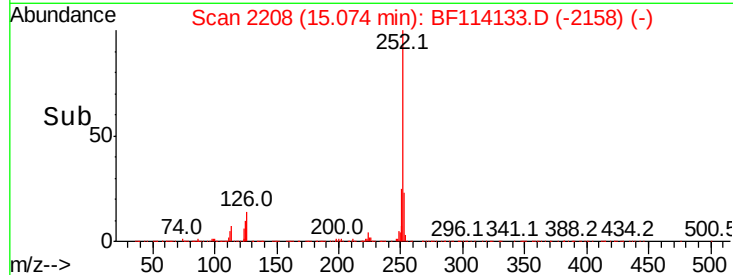
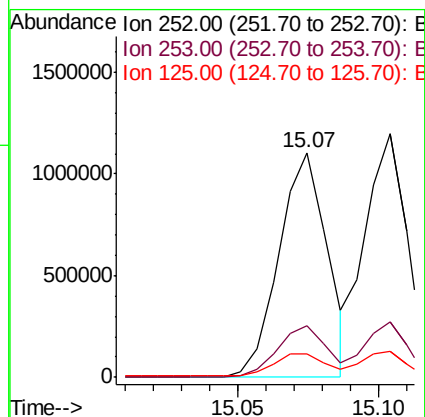
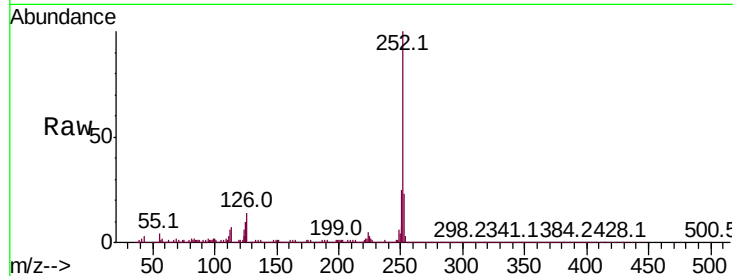




#88
Benzo(b)fluoranthene
Concen: 34.634 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114133.D
Acq: 10 May 2019 21:01

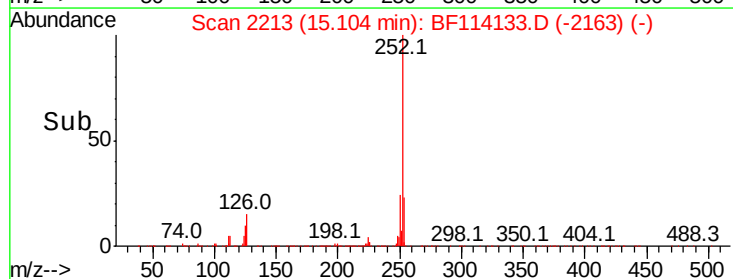
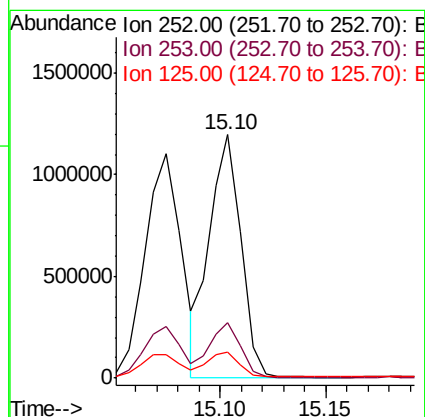
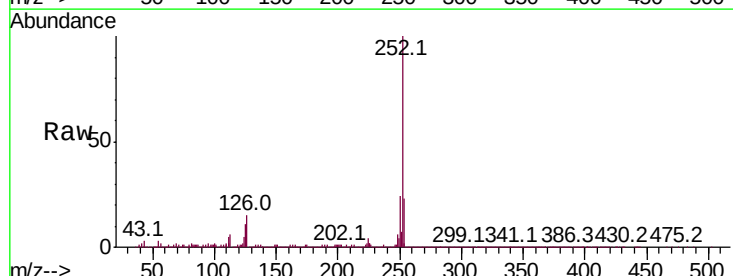
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MSD

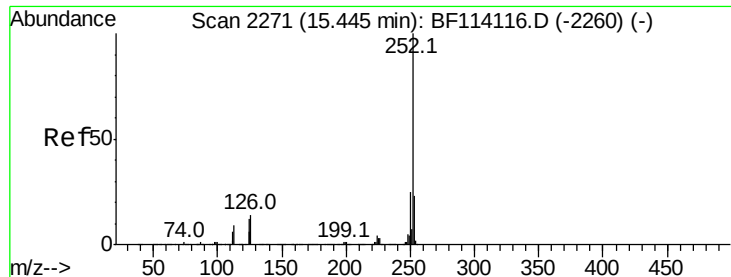
Tot Ion:252 Resp: 1306035
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.4 8.3 12.5



#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

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

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

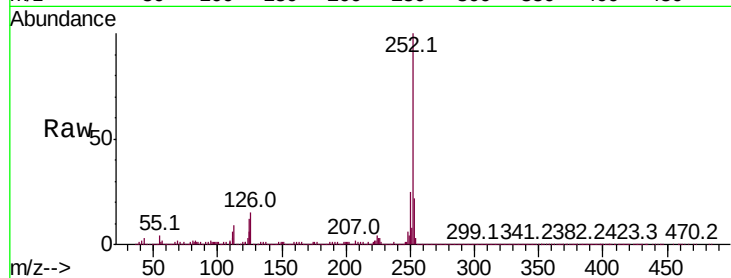
Tot Ion:252 Resp: 1167094

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

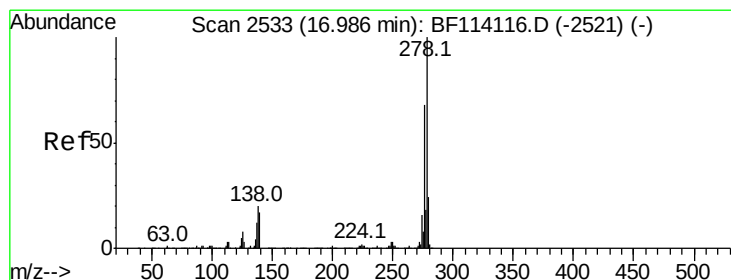
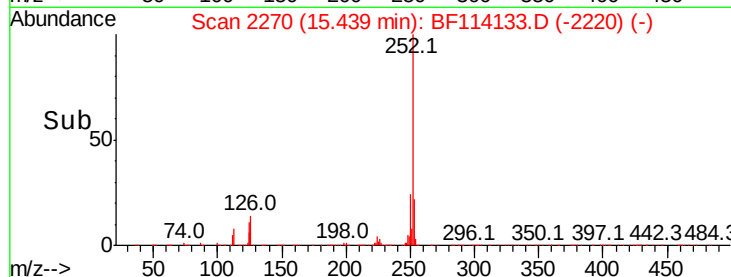
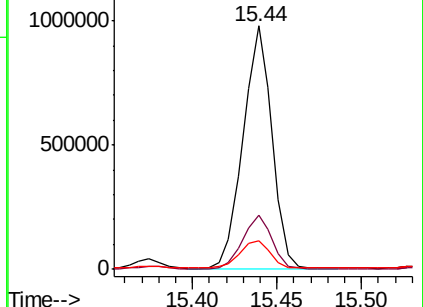
125 11.8 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 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

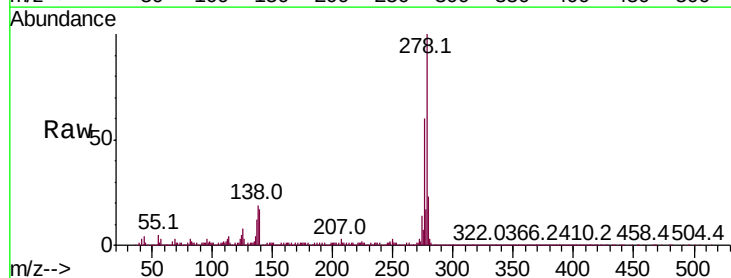
Tgt Ion:278 Resp: 966741

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

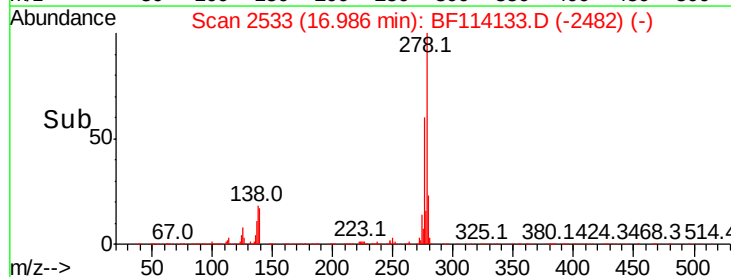
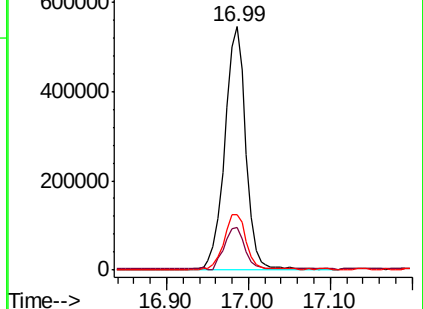
279 22.9 19.0 28.6

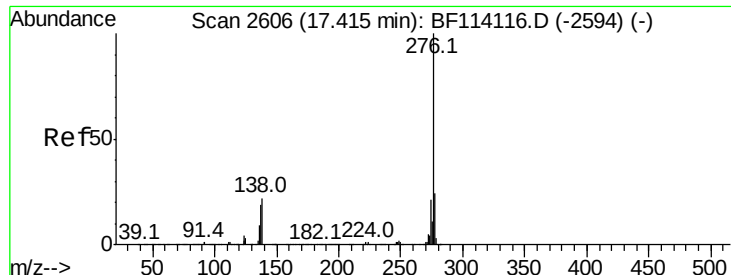


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,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

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MSD

Tot Ion:276 Resp: 964512

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.9 17.8 26.6

