

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114219.D
 Acq On : 13 May 2019 3:51
 Operator : JU/SJ
 Sample : K2765-20DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Quant Time: May 13 07:52:35 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	6.85	152	237819	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	910391	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	409179	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	741920	20.00	ng	0.00
76) Chrysene-d12	14.02	240	524431	20.00	ng	0.00
87) Perylene-d12	15.49	264	532403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	329965	22.33	ng	0.00
7) Phenol-d6	6.49	99	445291	25.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	272028	16.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	76694	18.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	387936	14.34	ng	0.00
79) Terphenyl-d14	12.95	244	293496	11.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	52190	6.425	ng	96
3) Pyridine	3.38	79	90688	4.052	ng	96
4) n-Nitrosodimethylamine	3.27	42	61345	5.684	ng	# 92
6) Aniline	6.51	93	57877	2.292	ng	# 1
8) 2-Chlorophenol	6.64	128	142194	9.013	ng	95
9) Benzaldehyde	6.40	77	66278	5.417	ng	98
10) Phenol	6.50	94	179025	8.707	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	144279	9.243	ng	94
12) 1,3-Dichlorobenzene	6.79	146	146574	8.277	ng	97
13) 1,4-Dichlorobenzene	6.87	146	148039	8.296	ng	98
14) 1,2-Dichlorobenzene	7.02	146	140881	8.641	ng	99
15) Benzyl Alcohol	6.99	79	116773	8.566	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	244029	8.063	ng	95
17) 2-Methylphenol	7.11	107	104722	8.081	ng	98
18) Hexachloroethane	7.36	117	37540	5.604	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	98557	8.896	ng	98
20) 3+4-Methylphenols	7.27	107	137402	9.176	ng	# 60
22) Acetophenone	7.26	105	196185	9.727	ng	# 87
24) Nitrobenzene	7.43	77	145238	8.790	ng	98
25) Isophorone	7.67	82	255983	8.508	ng	99
26) 2-Nitrophenol	7.75	139	66762	8.329	ng	95
27) 2,4-Dimethylphenol	7.79	122	105086	8.347	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	174411	8.935	ng	99
29) 2,4-Dichlorophenol	8.00	162	107203	8.551	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	118682	8.325	ng	99
31) Naphthalene	8.16	128	569159	13.384	ng	97
32) Benzoic acid	7.86	122	43427	11.151	ng	99
33) 4-Chloroaniline	8.20	127	73318	3.783	ng	96
34) Hexachlorobutadiene	8.27	225	61700	7.607	ng	100
35) Caprolactam	8.54	113	30664	7.501	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	111392	8.827	ng	99
37) 2-Methylnaphthalene	8.85	142	329139	11.996	ng	97
38) 1-Methylnaphthalene	8.95	142	283975	10.990	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	110451	8.911	ng	99

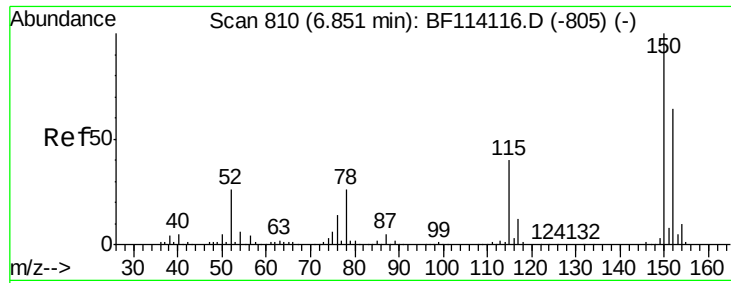
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114219.D
 Acq On : 13 May 2019 3:51
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1389	4.551	ng	# 61
43) 2,4,6-Trichlorophenol	9.13	196	72127	8.460	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	75477	8.632	ng	# 93
46) 1,1'-Biphenyl	9.30	154	336935	10.193	ng	96
47) 2-Chloronaphthalene	9.33	162	230999	8.683	ng	96
48) 2-Nitroaniline	9.43	65	76738	8.134	ng	96
49) Acenaphthylene	9.75	152	645973	15.965	ng	98
50) Dimethylphthalate	9.60	163	332692	11.076	ng	99
51) 2,6-Dinitrotoluene	9.66	165	54731	8.215	ng	96
52) Acenaphthene	9.92	154	216994	8.739	ng	99
53) 3-Nitroaniline	9.83	138	40864	4.941	ng	98
54) 2,4-Dinitrophenol	9.95	184	15097	10.872	ng	# 85
55) Dibenzofuran	10.09	168	326944	8.980	ng	93
56) 4-Nitrophenol	10.02	139	72593	12.412	ng	86
57) 2,4-Dinitrotoluene	10.07	165	69686	7.706	ng	98
58) Fluorene	10.43	166	277528	9.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	48848	6.475	ng	96
60) Diethylphthalate	10.30	149	264004	8.650	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	121756	8.815	ng	98
62) 4-Nitroaniline	10.45	138	51581	5.935	ng	97
63) Azobenzene	10.58	77	237723	8.047	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	12080	3.388	ng	75
66) n-Nitrosodiphenylamine	10.54	169	218747	9.715	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	70844	8.672	ng	95
68) Hexachlorobenzene	10.99	284	73212	8.101	ng	97
69) Atrazine	11.06	200	62173	8.873	ng	99
70) Pentachlorophenol	11.19	266	51242	11.962	ng	98
71) Phenanthrene	11.40	178	1222421	33.866	ng	98
72) Anthracene	11.45	178	489494	13.502	ng	98
73) Carbazole	11.60	167	304232	8.800	ng	98
74) Di-n-butylphthalate	11.93	149	399024	10.018	ng	100
75) Fluoranthene	12.59	202	1631640	41.977	ng	98
78) Pyrene	12.82	202	2663183	63.127	ng	99
80) Butylbenzylphthalate	13.42	149	153585	8.649	ng	94
81) Benzo(a)anthracene	14.04	228	1249974	36.851	ng	96
83) Chrysene	14.04	228	1249974	37.592	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	217109	9.348	ng	100
85) Di-n-octyl phthalate	14.60	149	358181	9.514	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	595102	20.251	ng	99
88) Benzo(b)fluoranthene	15.06	252	1733494	50.823	ng	99
89) Benzo(k)fluoranthene	15.06	252	1733494	55.326	ng	98
90) Benzo(a)pyrene	15.43	252	881109	29.352	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	292495	11.726	ng	99
92) Benzo(g,h,i)perylene	17.41	276	602254	24.092	ng	98

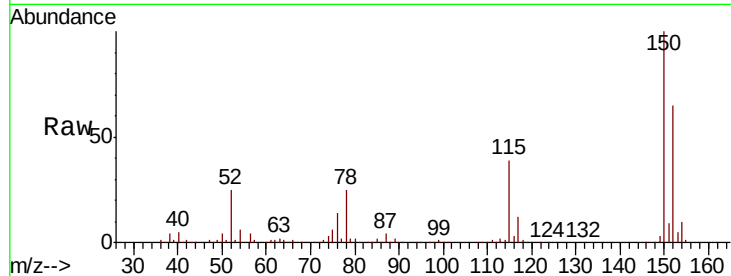
(#) = qualifier out of range (m) = manual integration (+) = signals summed



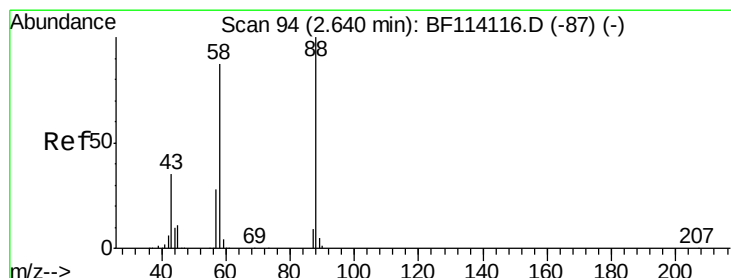
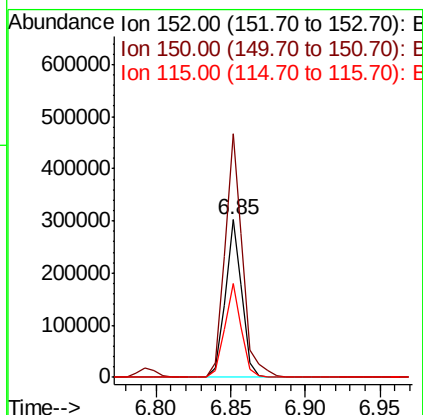
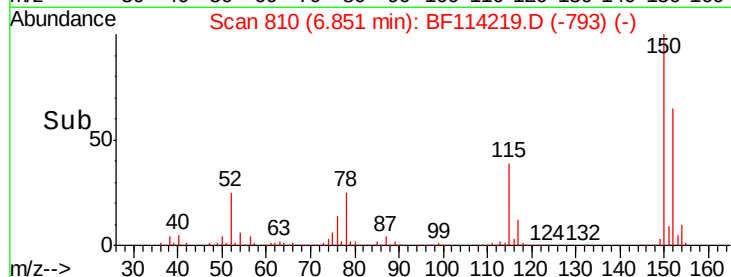
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion: 152 Resp: 237819
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.3 186.5
 115 60.0 49.1 73.7

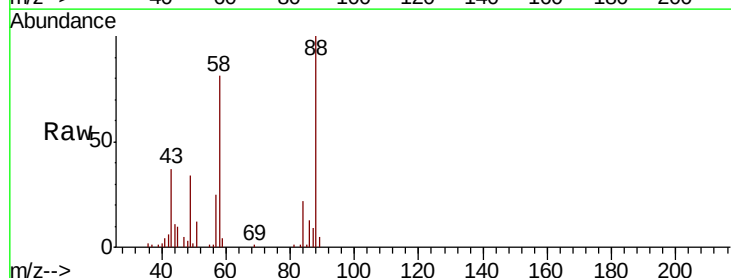


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

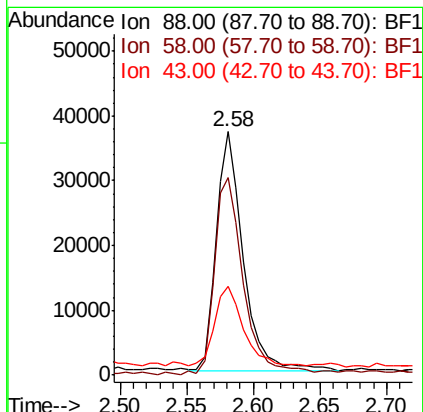
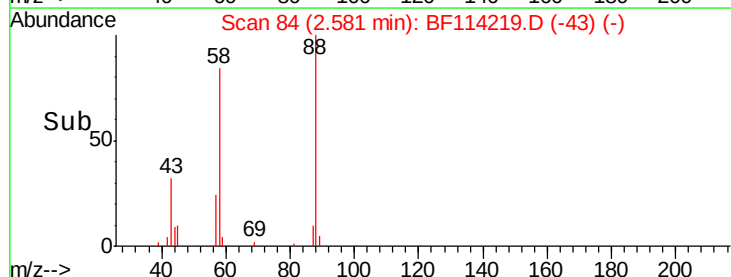


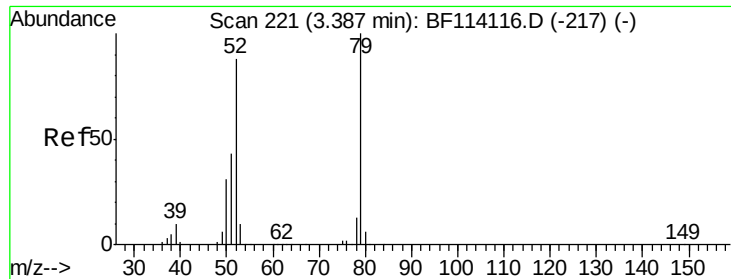
#2
 1,4-Dioxane
 Concen: 6.425 ng
 RT: 2.58 min Scan# 84
 Delta R.T. -0.06 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion: 88 Resp: 52190
 Ion Ratio Lower Upper
 88 100
 58 91.0 68.7 103.1
 43 34.7 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 4.052 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

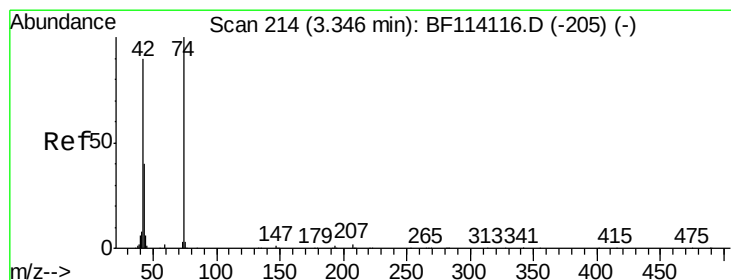
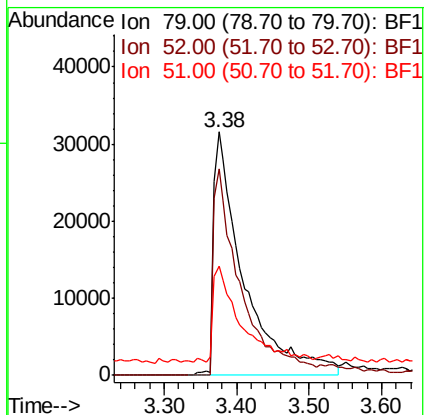
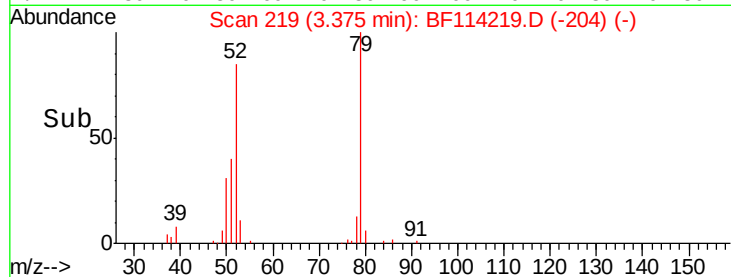
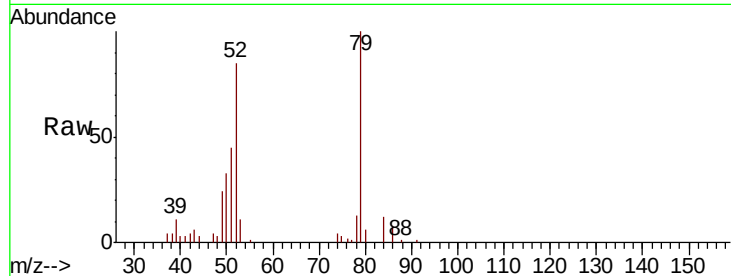
Tgt Ion: 79 Resp: 90688

Ion Ratio Lower Upper

79 100

52 84.6 70.6 105.8

51 45.1 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 5.684 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.08 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

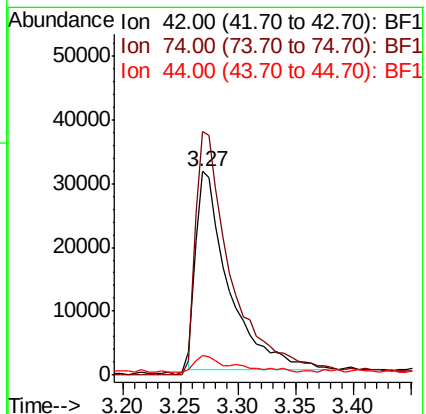
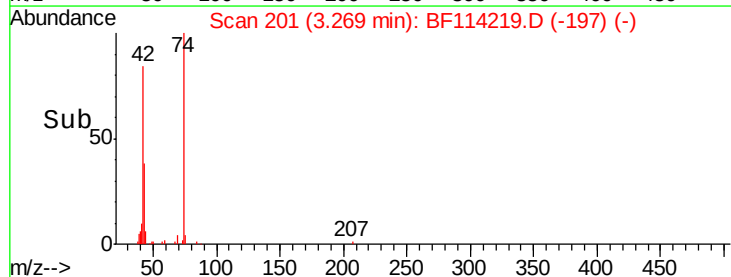
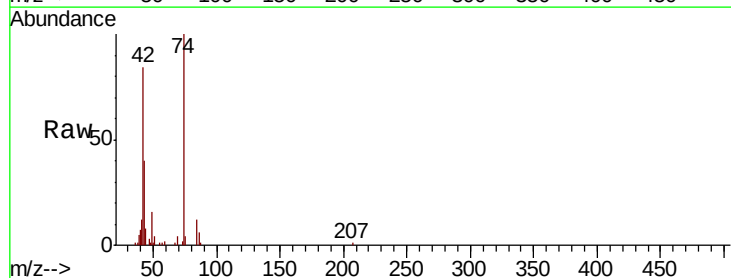
Tgt Ion: 42 Resp: 61345

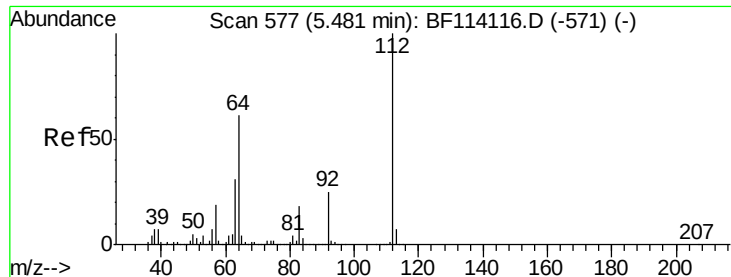
Ion Ratio Lower Upper

42 100

74 119.5 88.6 132.8

44 9.4 5.5 8.3#





#5

2-Fluorophenol

Concen: 22.328 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

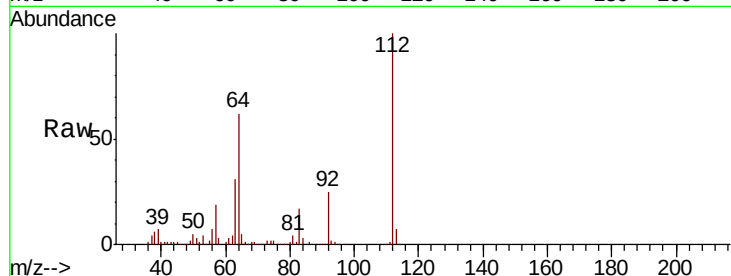
Tgt Ion: 112 Resp: 329965

Ion Ratio Lower Upper

112 100

64 62.0 49.0 73.6

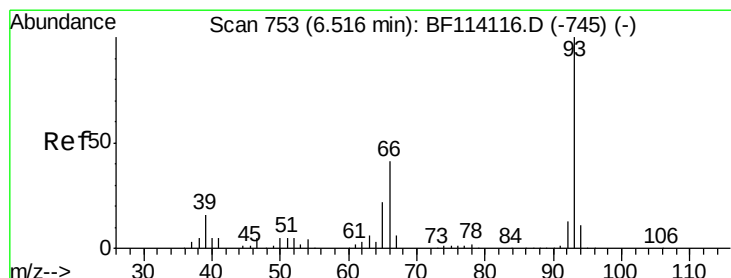
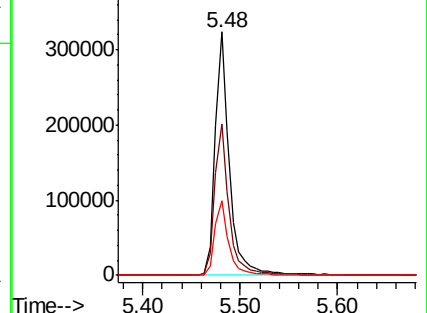
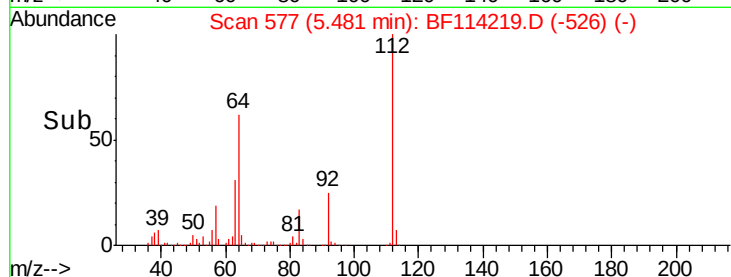
63 30.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.292 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

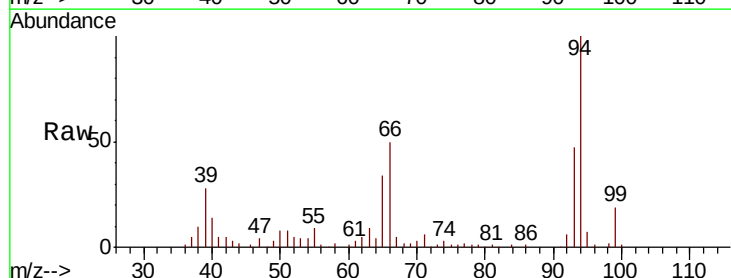
Tgt Ion: 93 Resp: 57877

Ion Ratio Lower Upper

93 100

66 106.5 33.2 49.8#

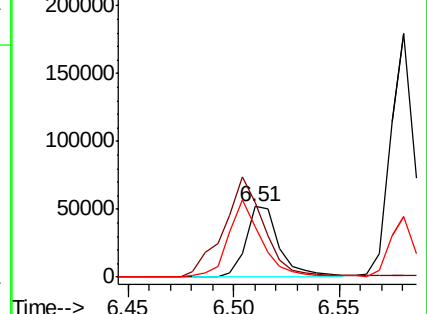
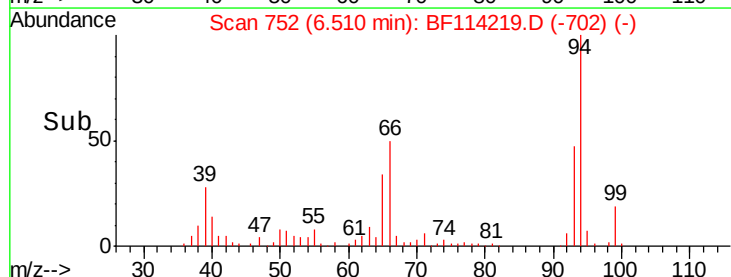
65 71.6 17.6 26.4#

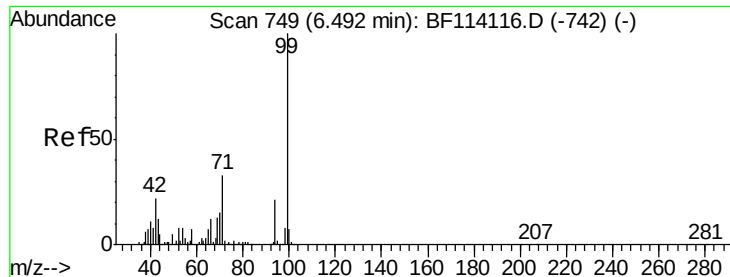


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.476 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114219.D

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Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

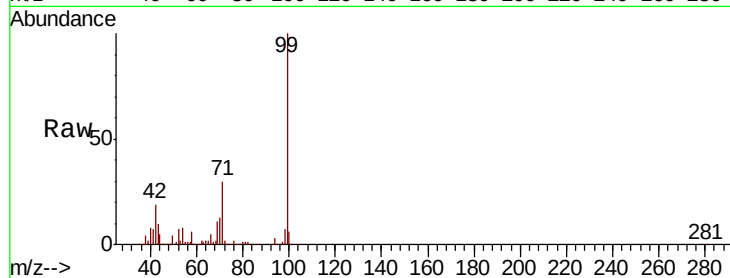
Tgt Ion: 99 Resp: 445291

Ion Ratio Lower Upper

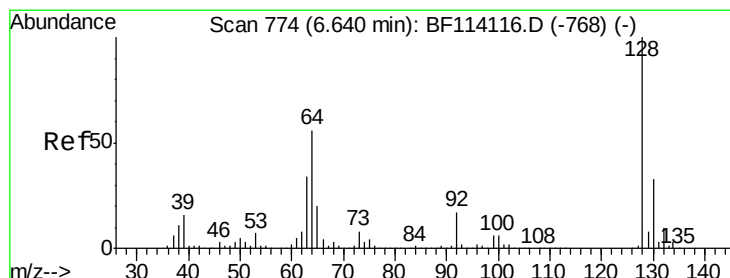
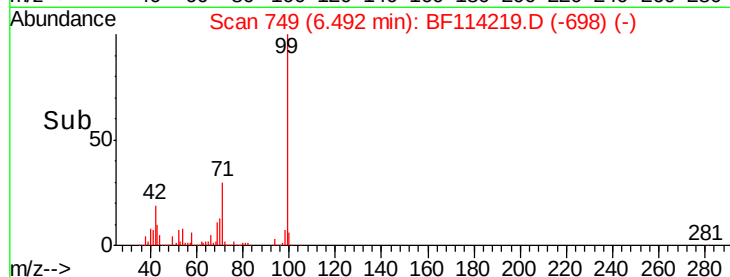
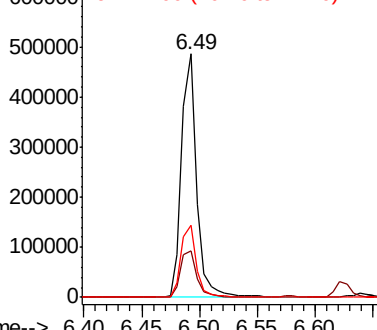
99 100

42 19.0 17.9 26.9

71 29.6 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: 9.013 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

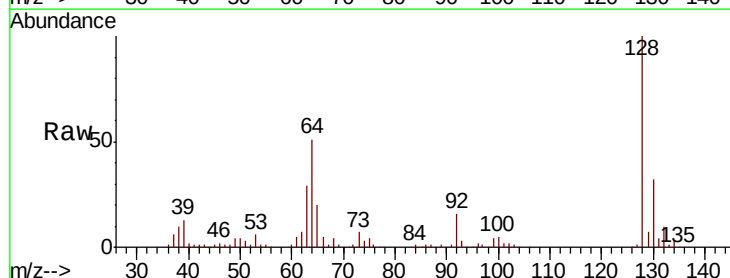
Tgt Ion: 128 Resp: 142194

Ion Ratio Lower Upper

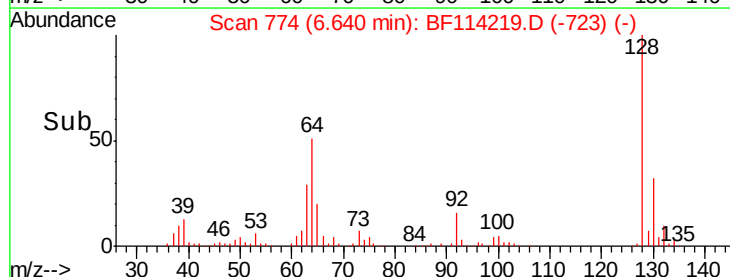
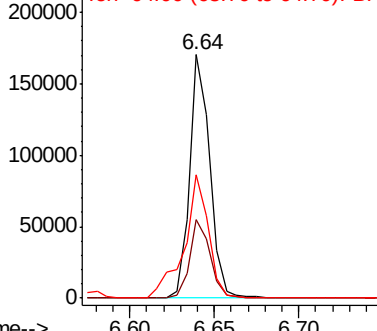
128 100

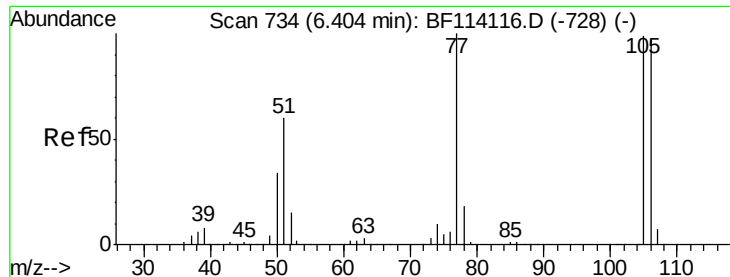
130 32.1 12.6 52.6

64 50.5 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: 5.417 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

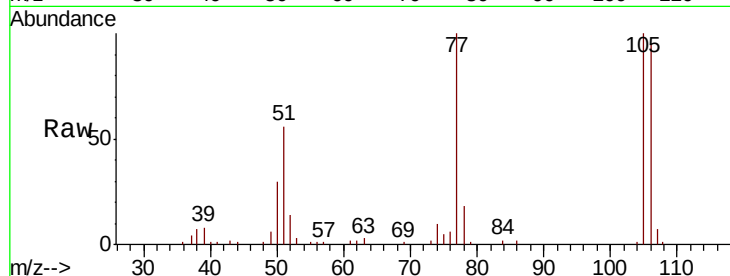
Tgt Ion: 77 Resp: 66278

Ion Ratio Lower Upper

77 100

105 100.0 79.3 119.3

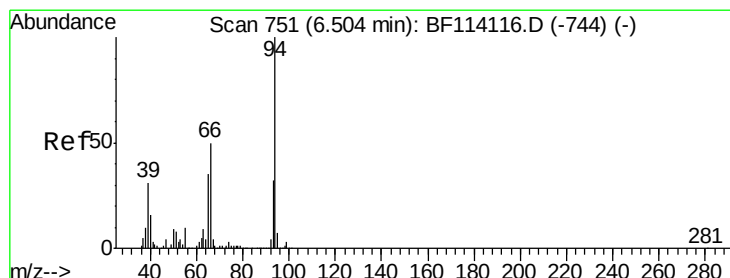
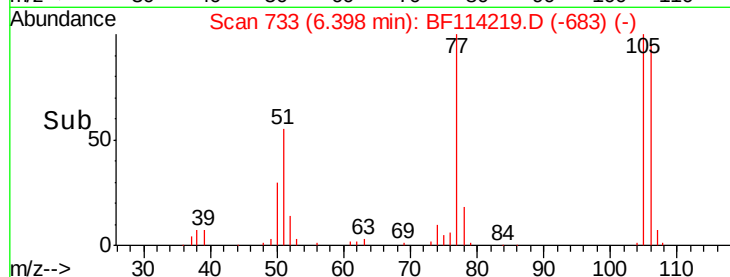
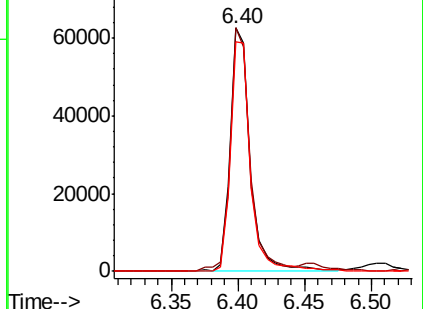
106 94.5 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.707 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

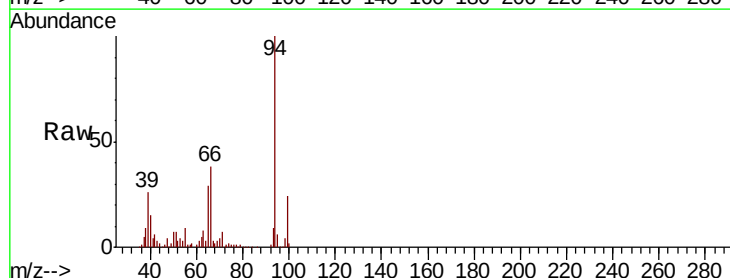
Tgt Ion: 94 Resp: 179025

Ion Ratio Lower Upper

94 100

65 29.0 14.7 54.7

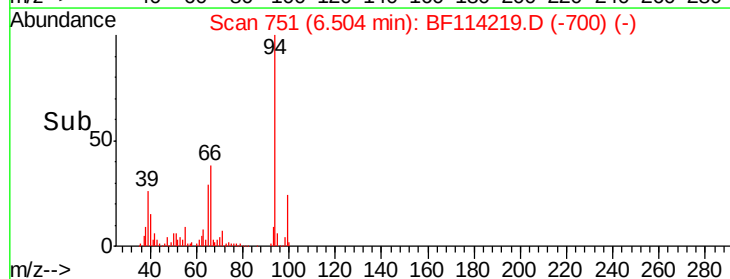
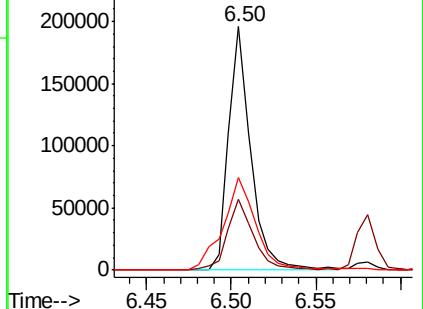
66 38.0 29.6 69.6

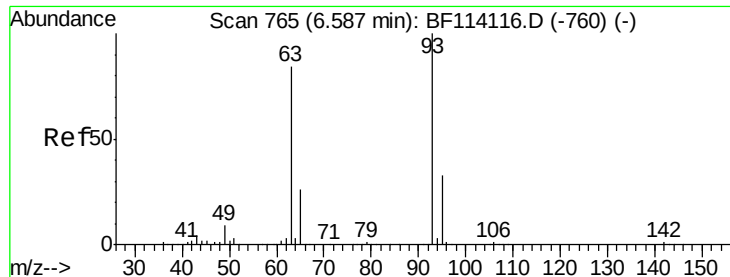


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

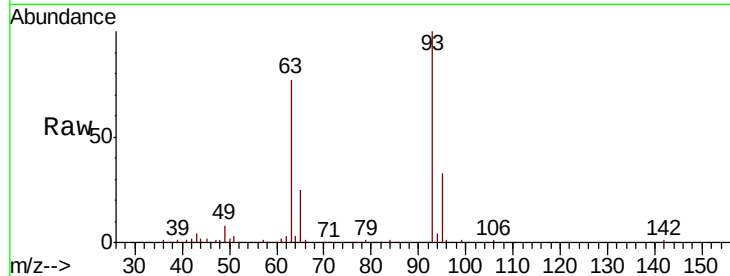




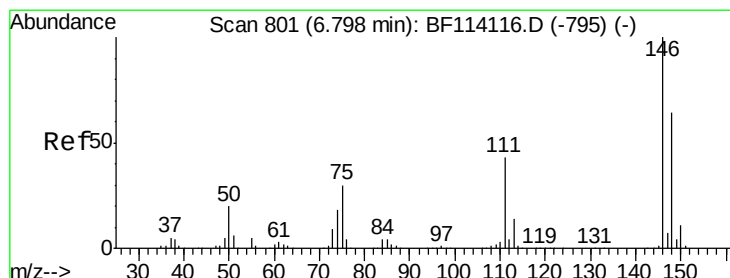
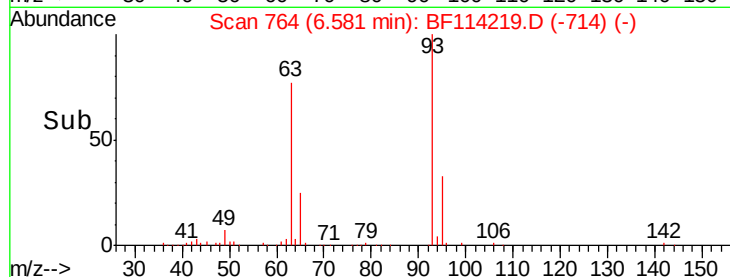
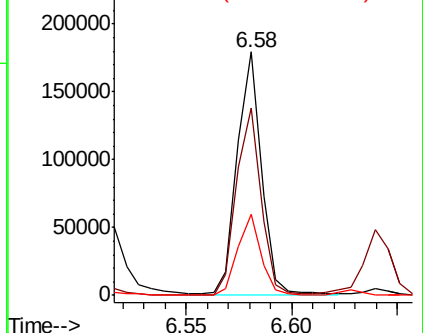
#11
bis(2-Chloroethyl)ether
Concen: 9.243 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion: 93 Resp: 144279
Ion Ratio Lower Upper
93 100
63 76.7 63.6 103.6
95 33.2 13.1 53.1

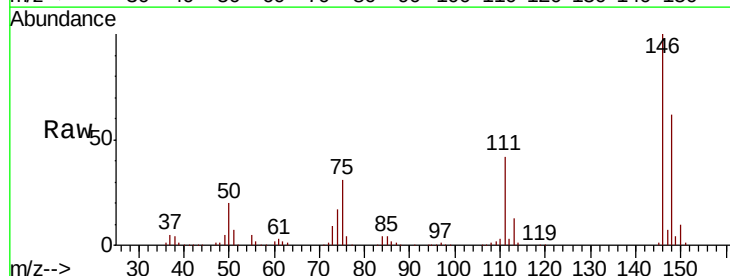


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

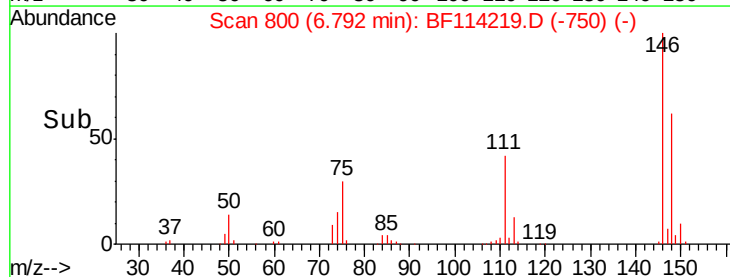
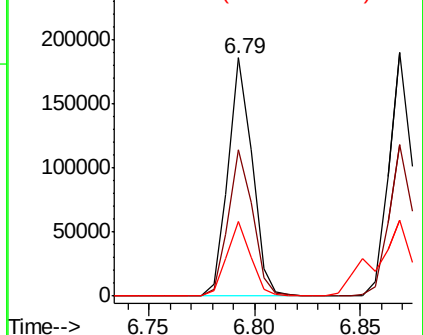


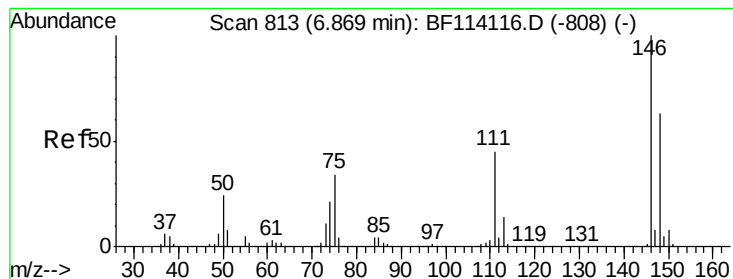
#12
1,3-Dichlorobenzene
Concen: 8.277 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion: 146 Resp: 146574
Ion Ratio Lower Upper
146 100
148 61.6 51.6 77.4
75 31.1 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: 8.296 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

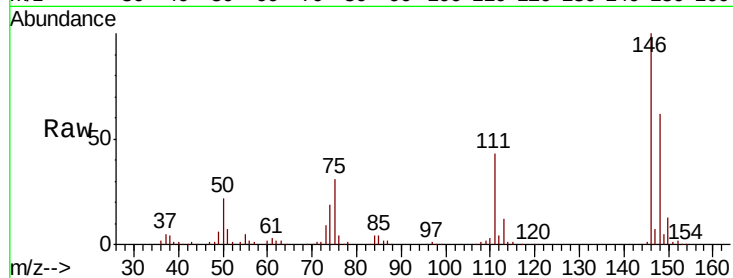
Tgt Ion:146 Resp: 148039

Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

111 42.6 35.8 53.6

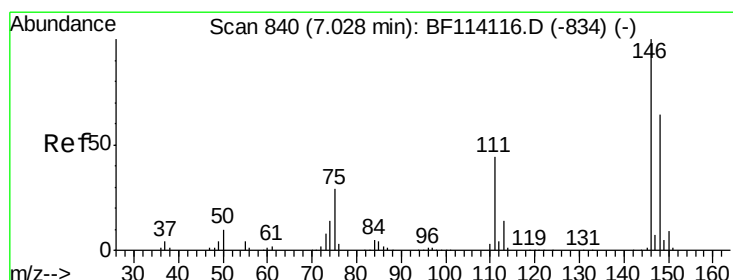
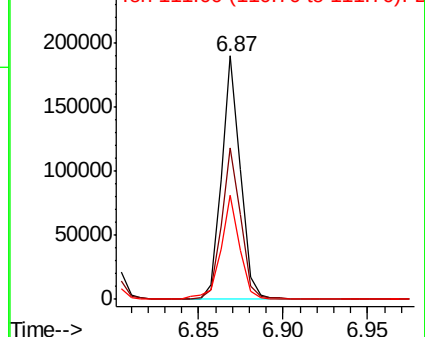
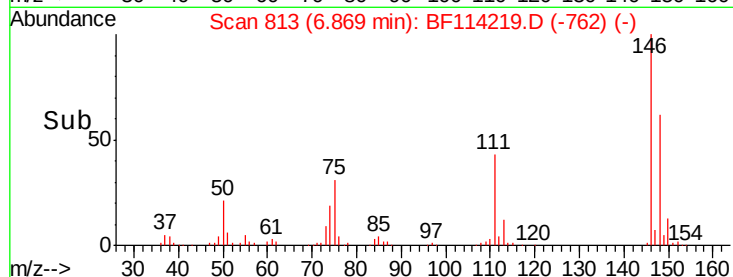


Abundance

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: 8.641 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

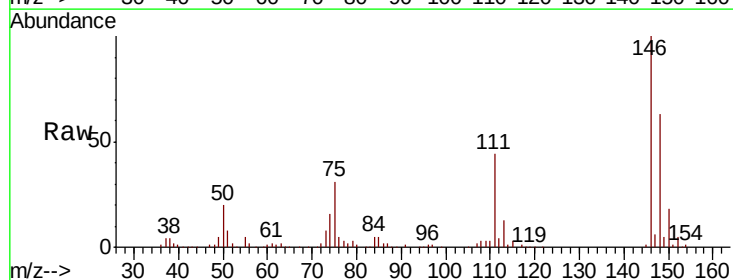
Tgt Ion:146 Resp: 140881

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 43.5 35.3 52.9

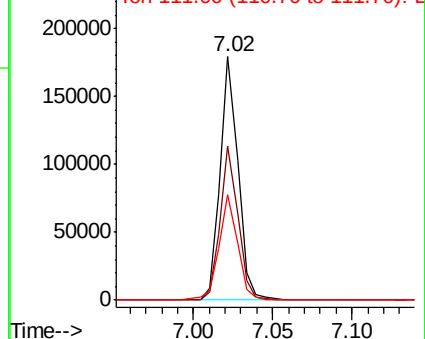
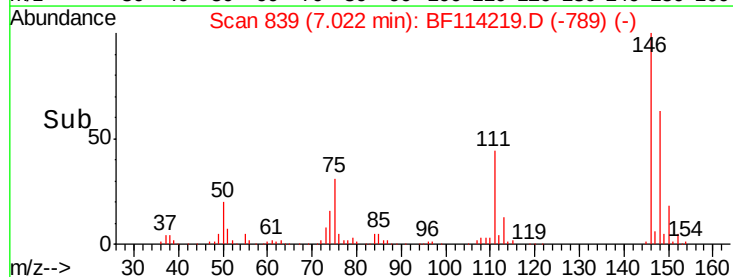


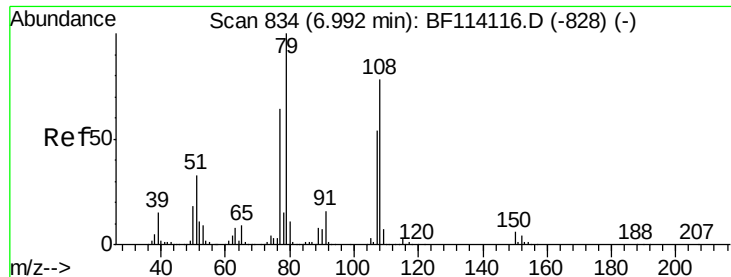
Abundance

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: 8.566 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

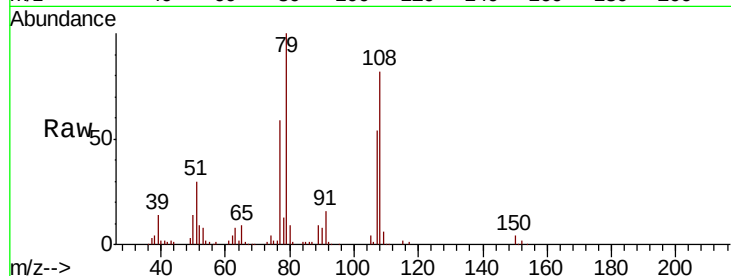
Tgt Ion: 79 Resp: 116773

Ion Ratio Lower Upper

79 100

108 81.5 62.1 93.1

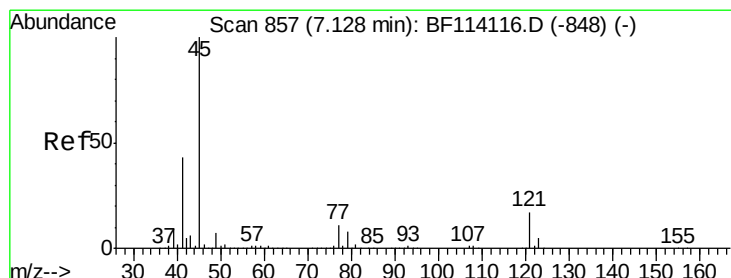
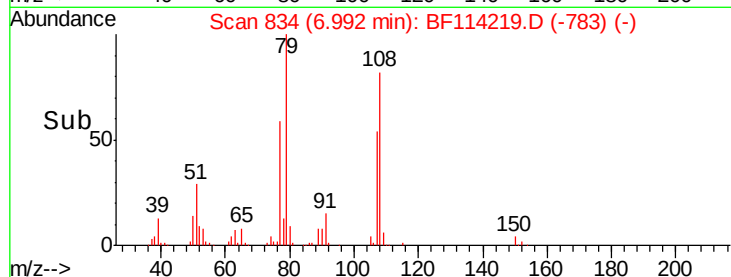
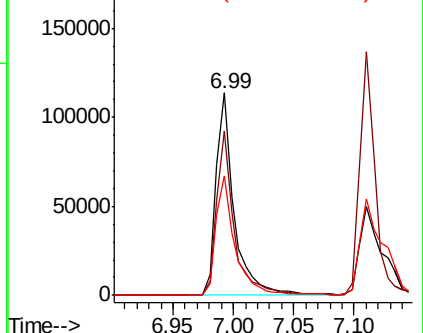
77 59.0 51.0 76.6



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: 8.063 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

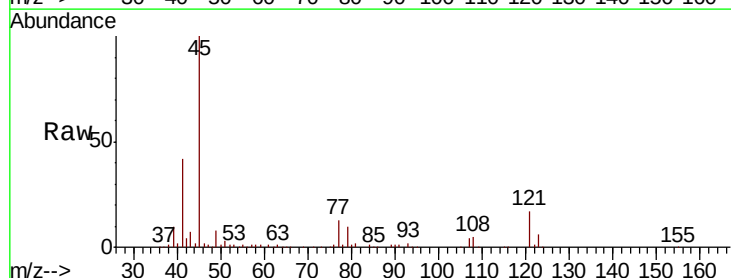
Tgt Ion: 45 Resp: 244029

Ion Ratio Lower Upper

45 100

77 13.2 0.0 31.1

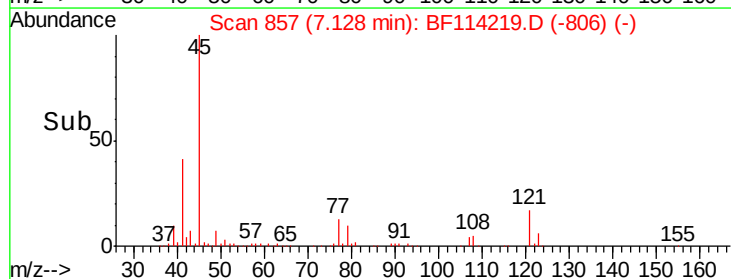
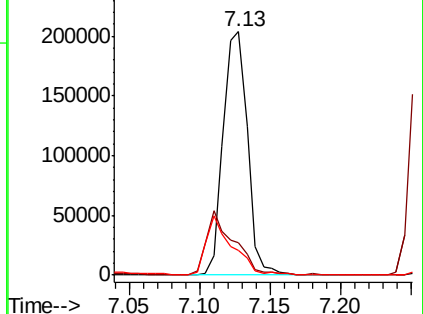
79 10.3 0.0 28.4

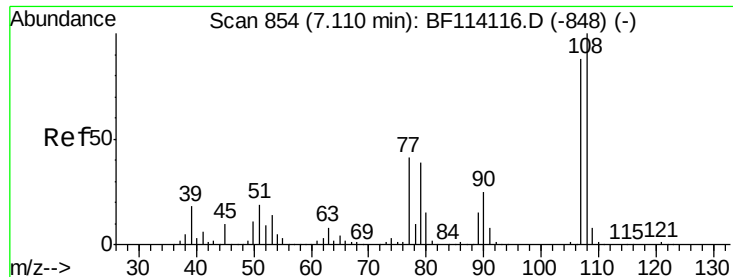


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

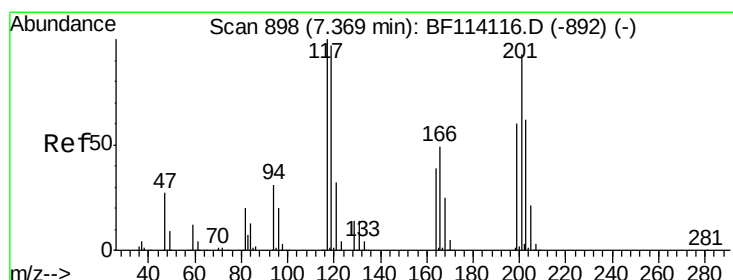
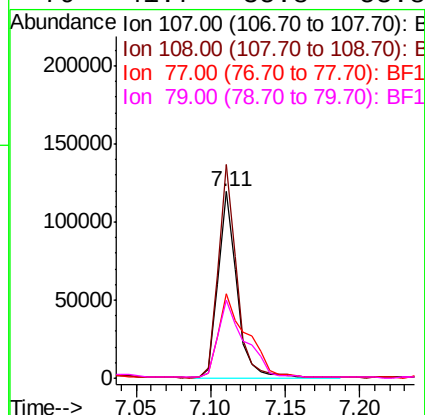
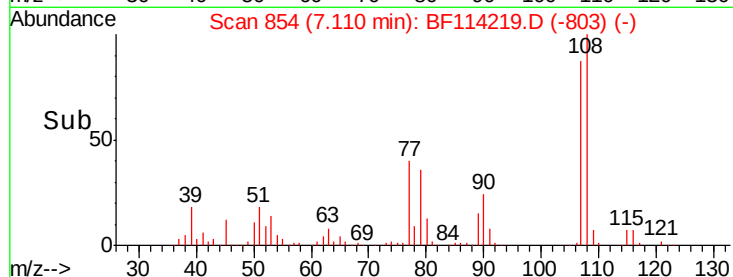
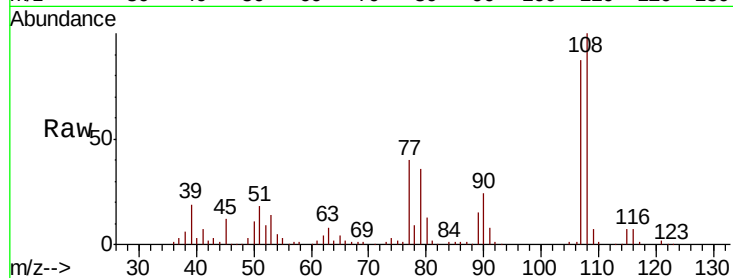




#17
2-Methylphenol
Concen: 8.081 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

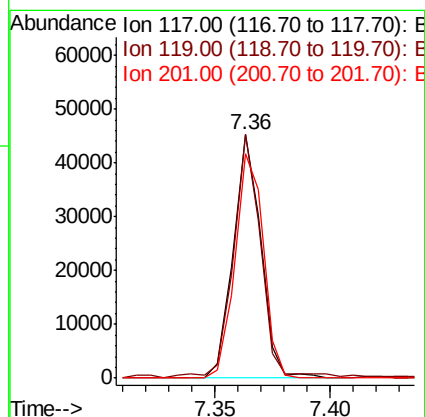
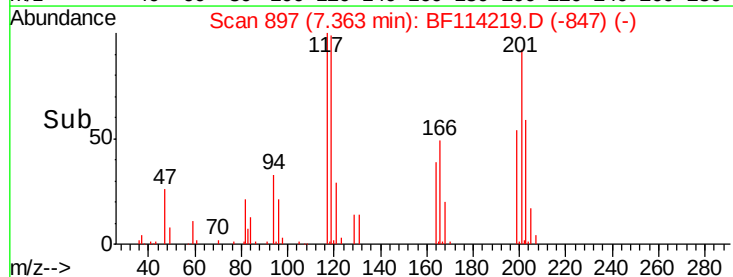
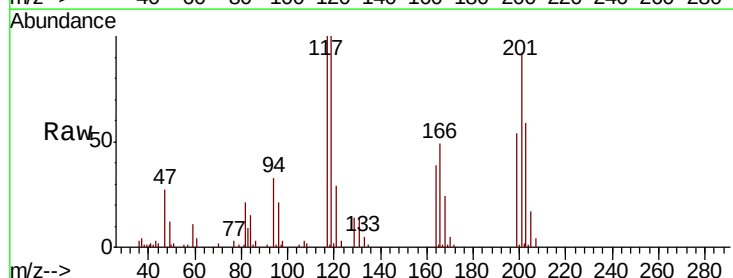
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

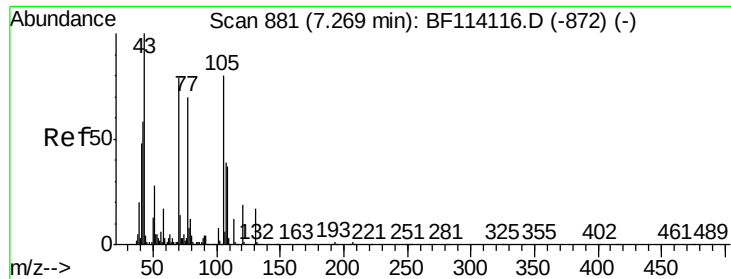
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.5	135.7
77	45.6	37.0	55.4
79	41.7	35.8	53.8



#18
Hexachloroethane
Concen: 5.604 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.4	116.2
201	92.2	74.5	111.7

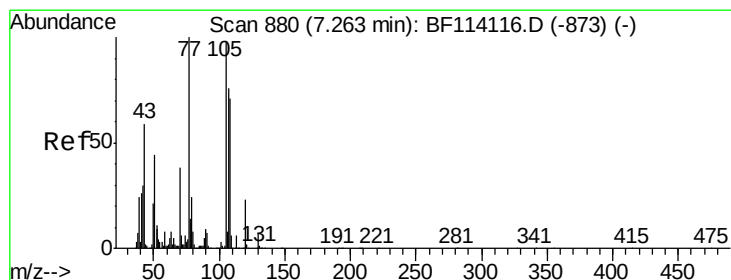
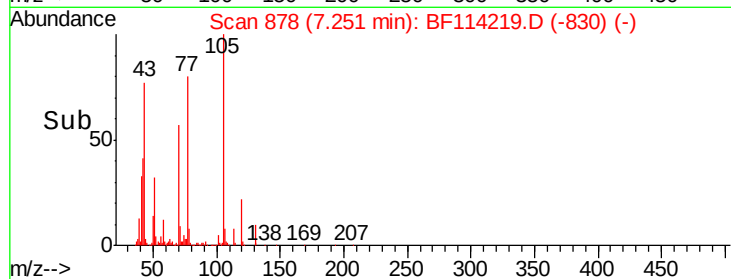
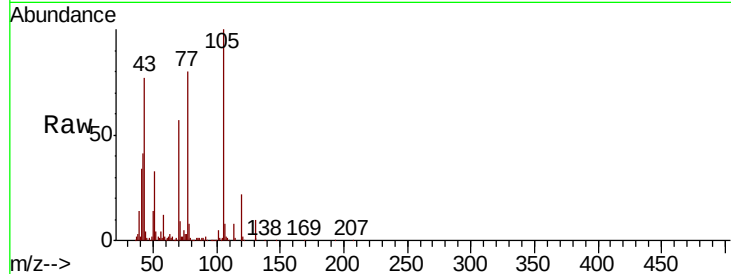
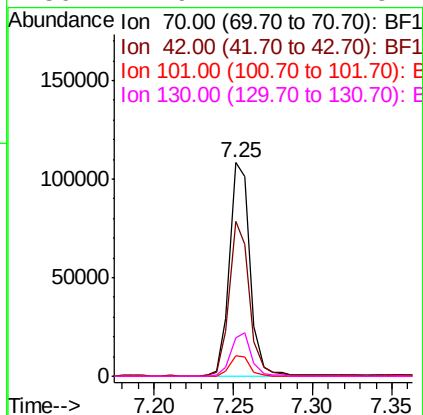




#19
n-Nitroso-di-n-propylamine
Concen: 8.896 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

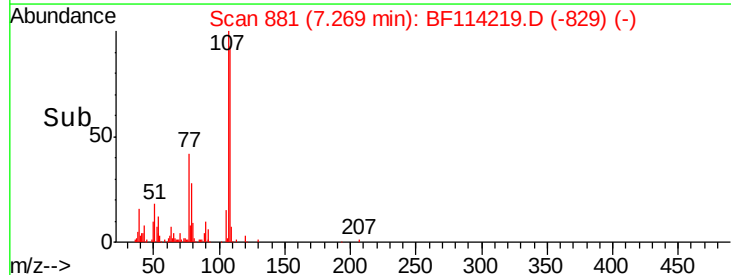
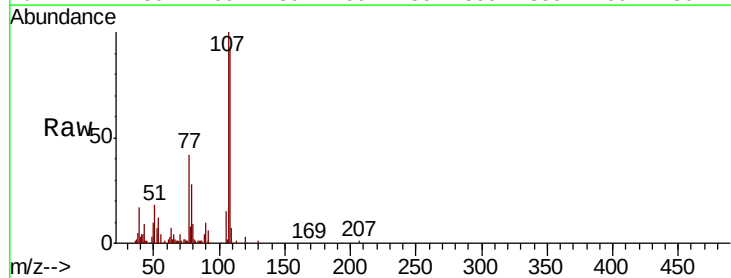
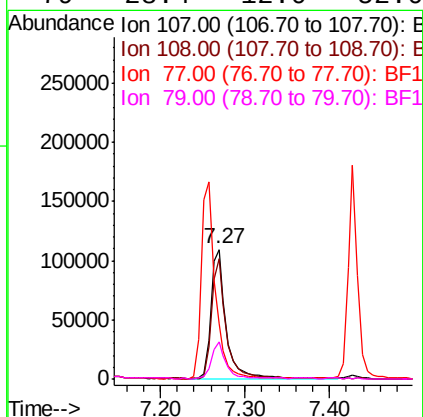
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

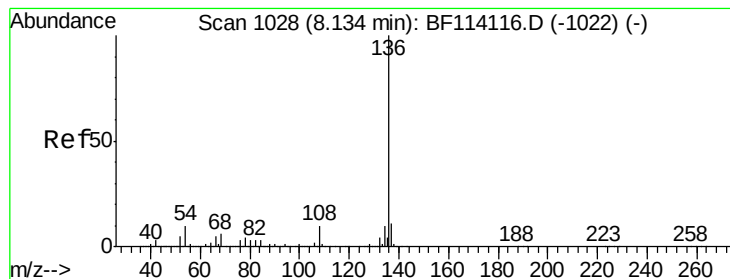
Tgt Ion:	70	Resp:	98557
Ion	Ratio	Lower	Upper
70	100		
42	72.2	58.6	87.8
101	9.6	7.8	11.8
130	17.9	17.1	25.7



#20
3+4-Methylphenols
Concen: 9.176 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:	107	Resp:	137402
Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.8	113.8
77	42.1	111.5	151.5#
79	28.4	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tgt Ion:136 Resp: 910391

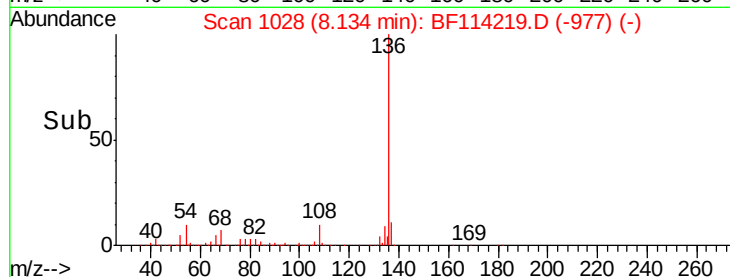
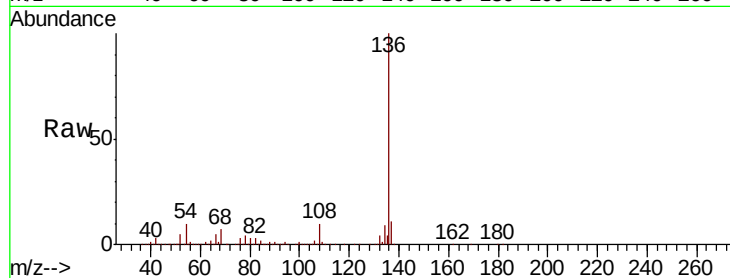
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.9 5.1 7.7



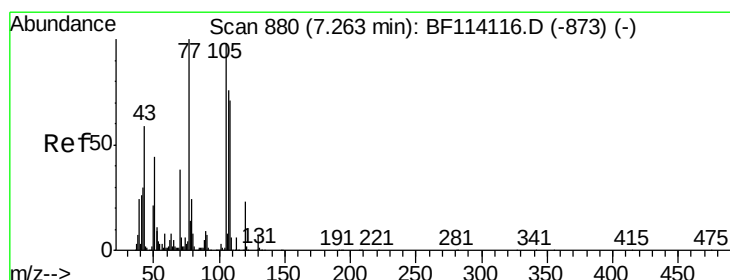
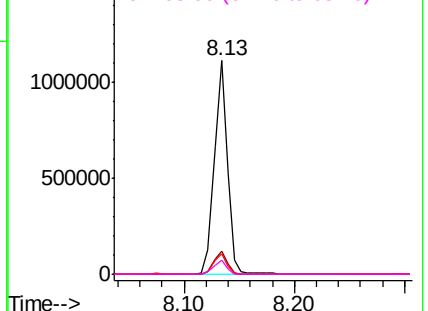
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 9.727 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:105 Resp: 196185

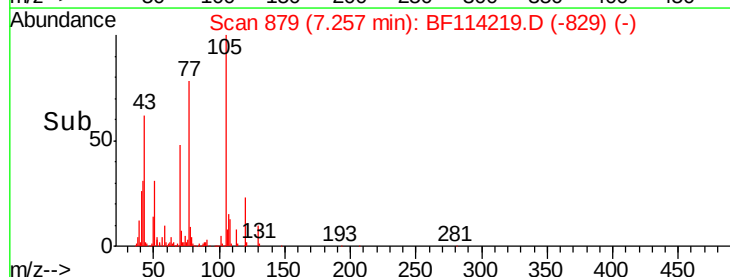
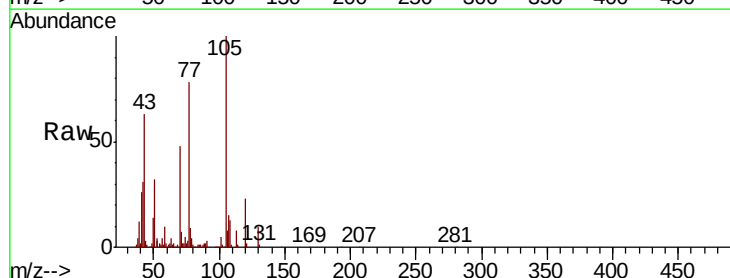
Ion Ratio Lower Upper

105 100

71 7.3 5.3 7.9

51 31.5 36.2 54.4#

120 22.6 18.6 28.0



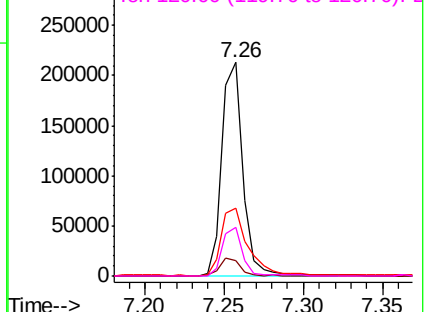
Abundance

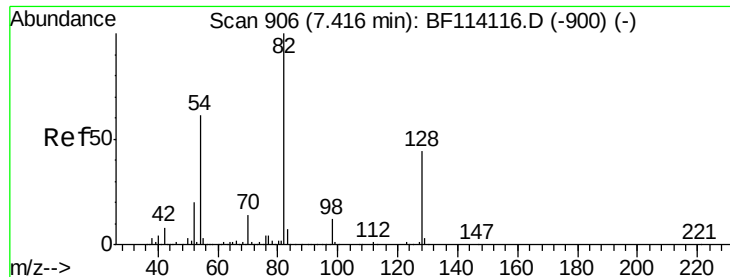
Ion 105.00 (104.70 to 105.70): E

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

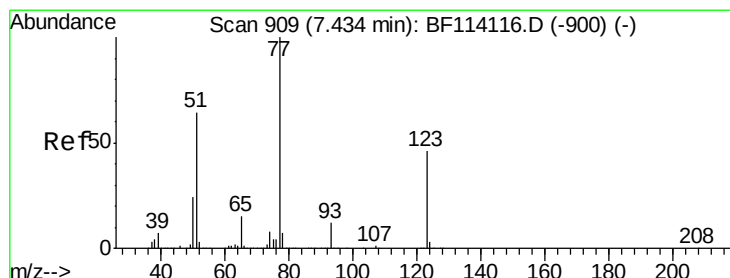
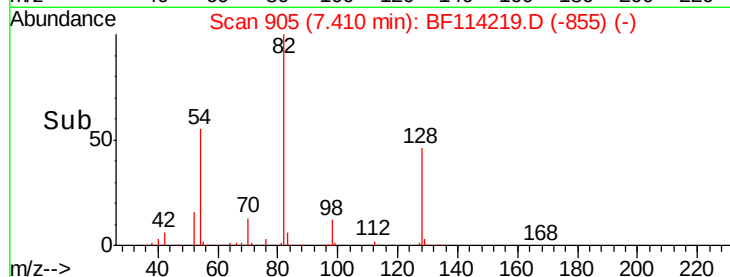
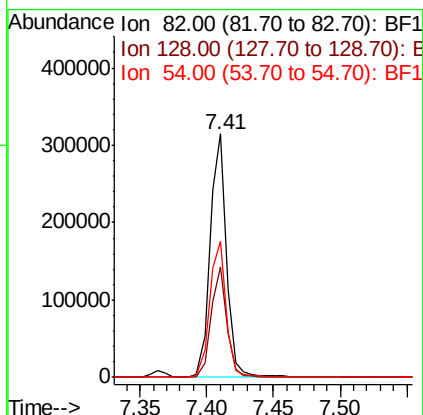
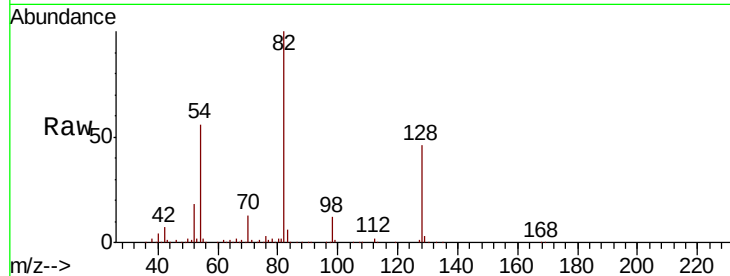




#23
 Nitrobenzene-d5
 Concen: 16.769 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

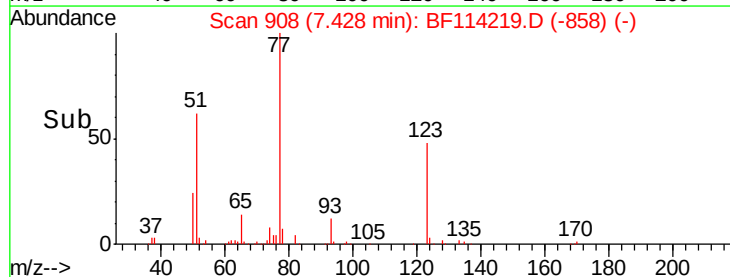
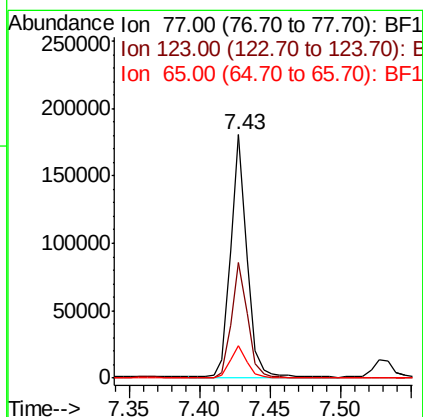
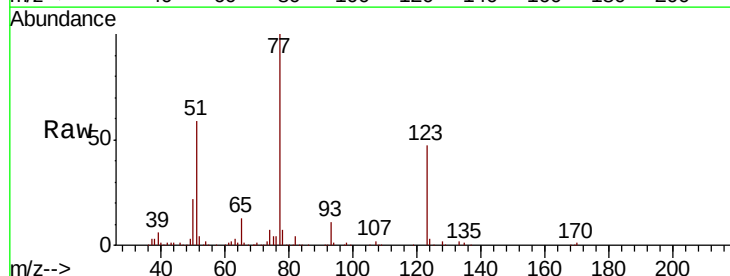
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

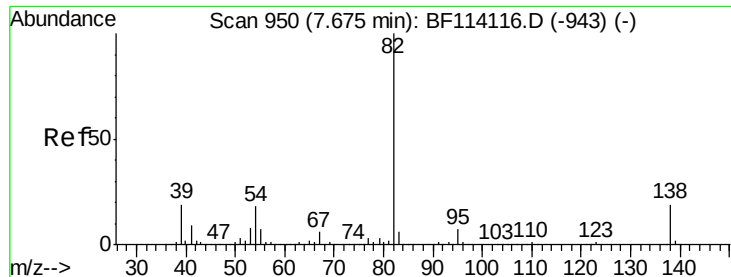
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.5	53.3
54	55.8	48.5	72.7



#24
 Nitrobenzene
 Concen: 8.790 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	36.9	55.3
65	13.3	11.8	17.6

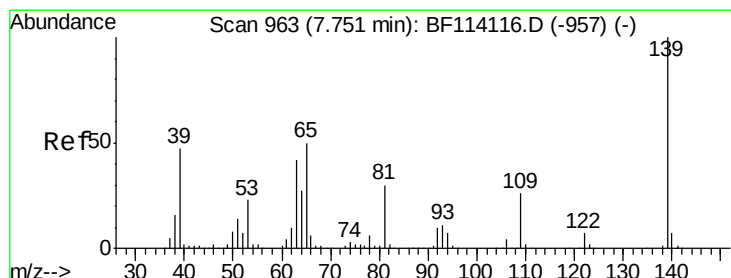
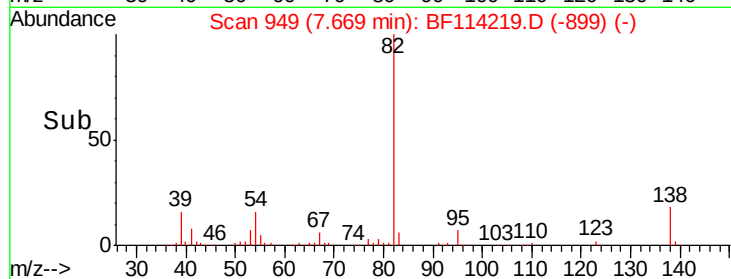
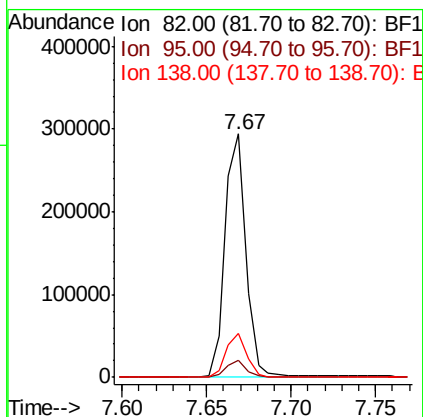
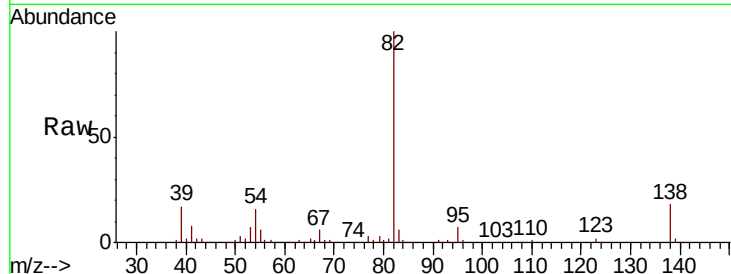




#25
Isophorone
Concen: 8.508 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

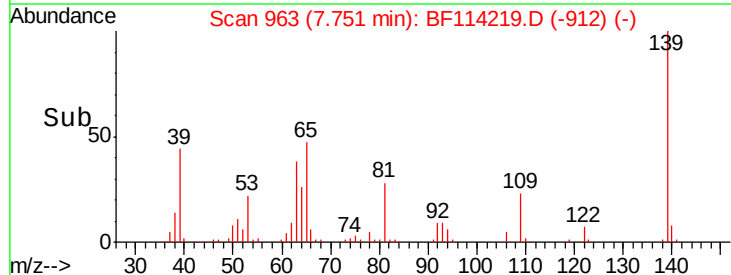
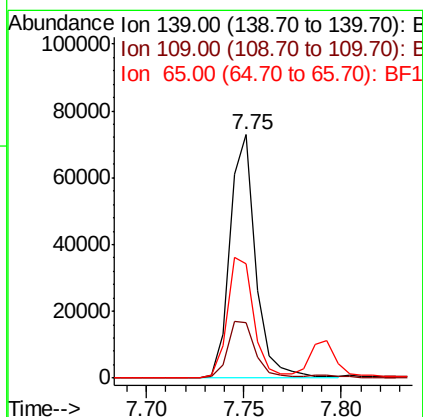
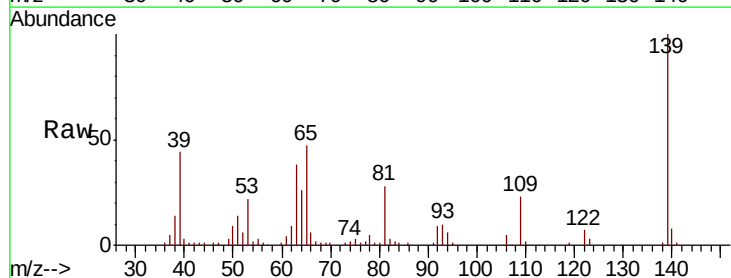
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

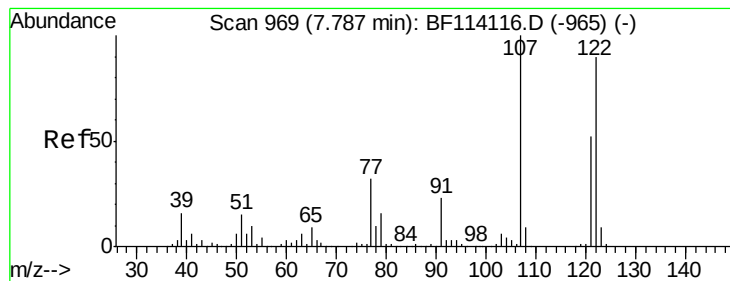
Tgt Ion: 82 Resp: 255983
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.2 14.8 22.2



#26
2-Nitrophenol
Concen: 8.329 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion: 139 Resp: 66762
Ion Ratio Lower Upper
139 100
109 23.0 20.7 31.1
65 47.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 8.347 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

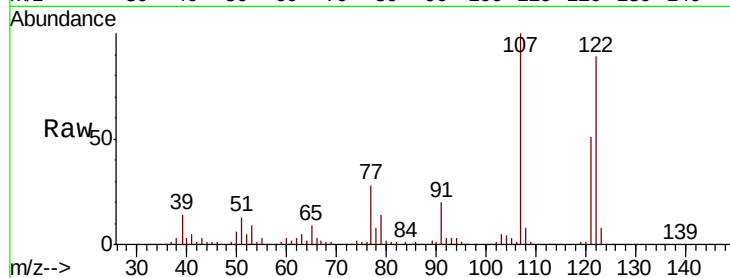
Tgt Ion:122 Resp: 105086

Ion Ratio Lower Upper

122 100

107 112.2 88.4 132.6

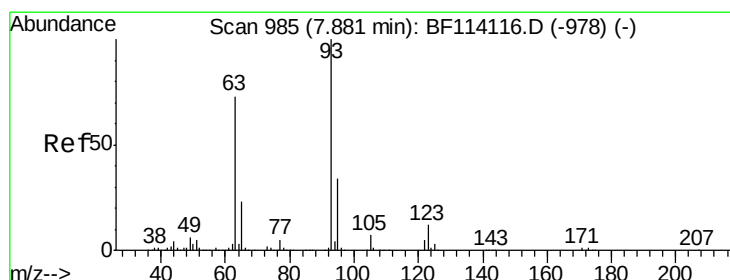
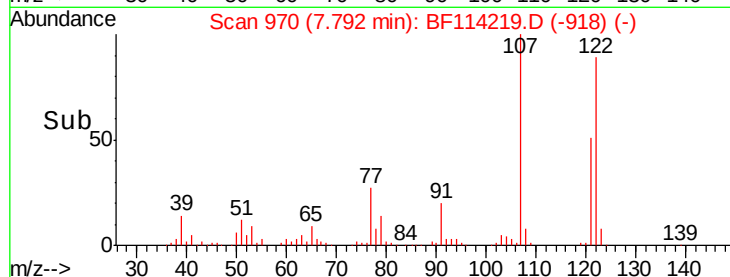
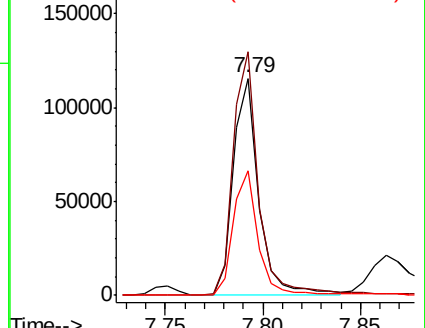
121 57.4 45.9 68.9



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: 8.935 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

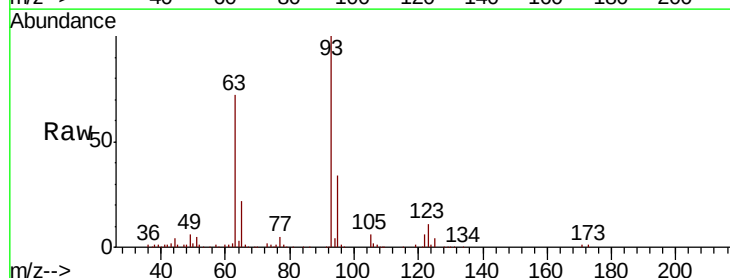
Tgt Ion: 93 Resp: 174411

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

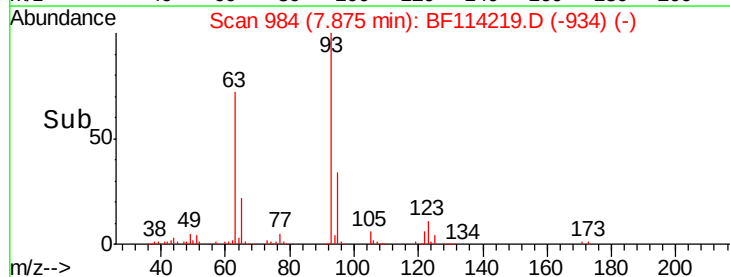
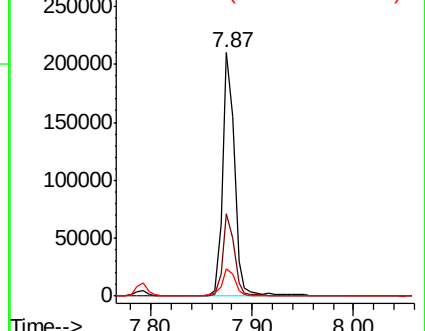
123 11.1 9.5 14.3

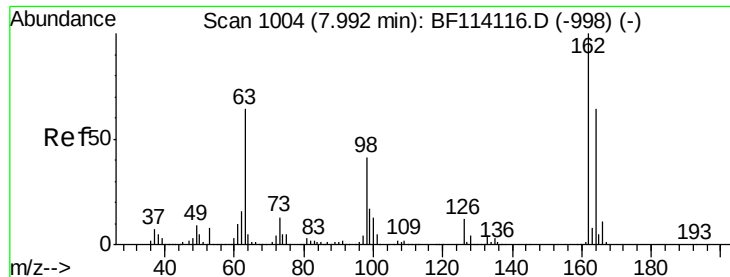


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

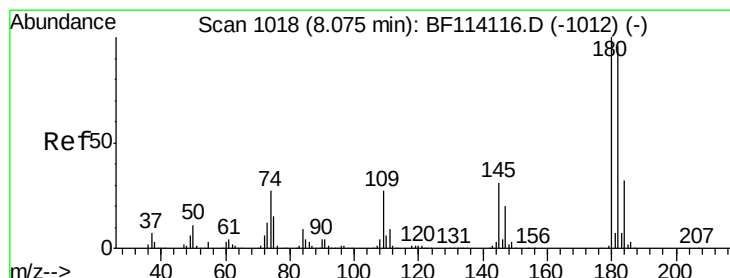
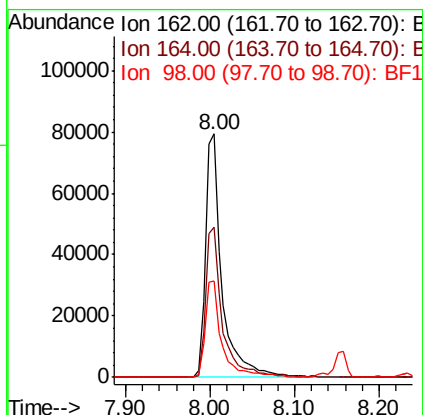
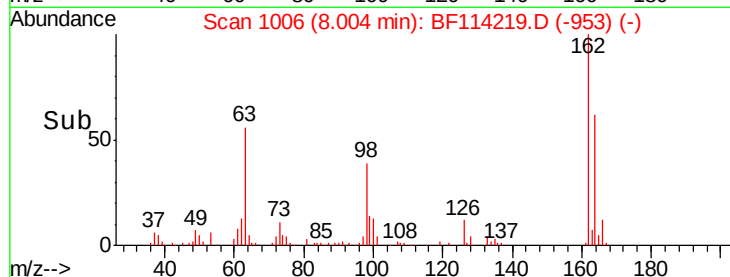
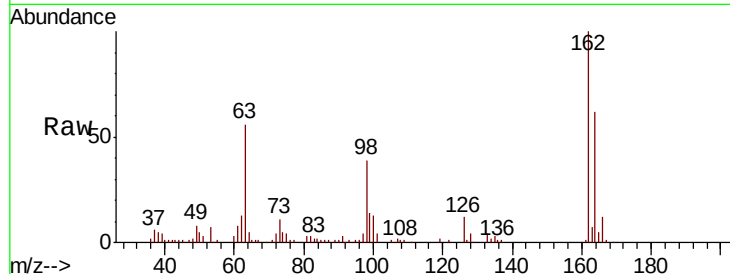




#29
2,4-Dichlorophenol
Concen: 8.551 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

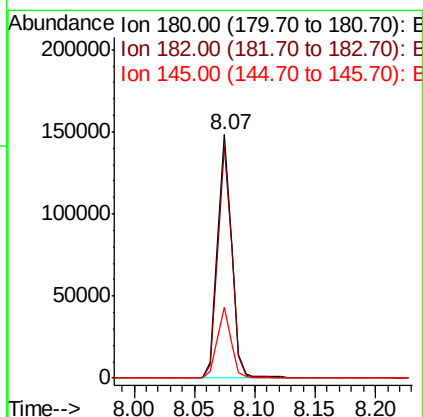
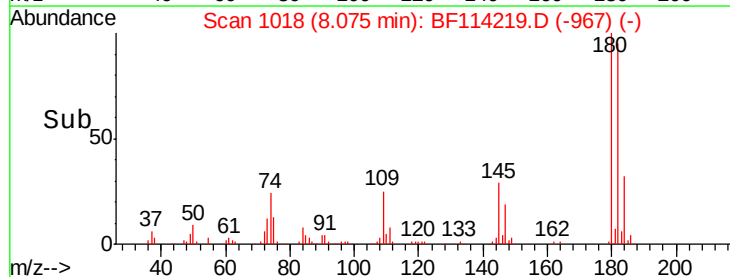
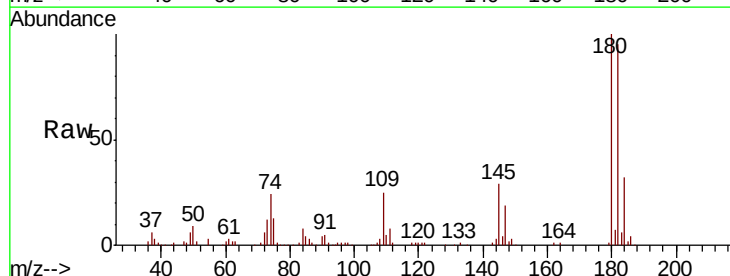
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

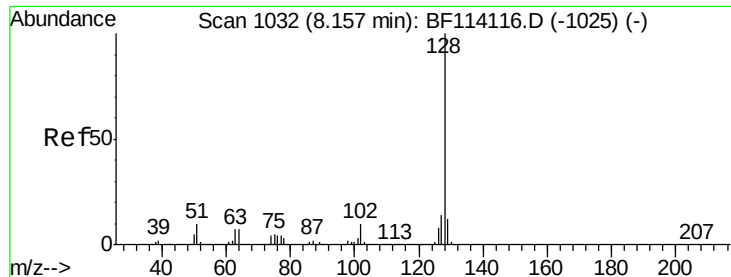
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.6	83.6
98	39.5	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 8.325 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	29.0	25.1	37.7

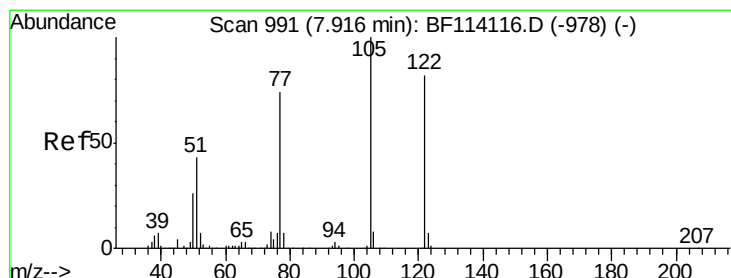
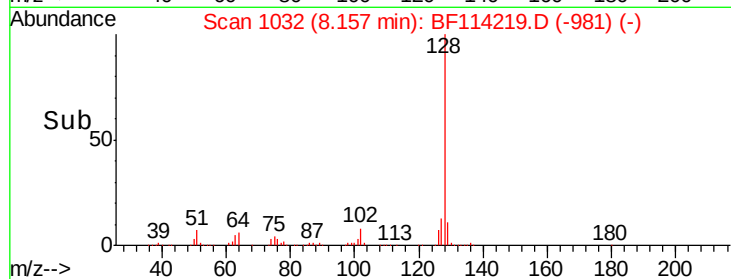
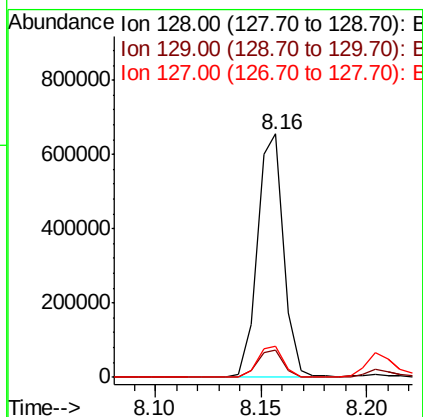
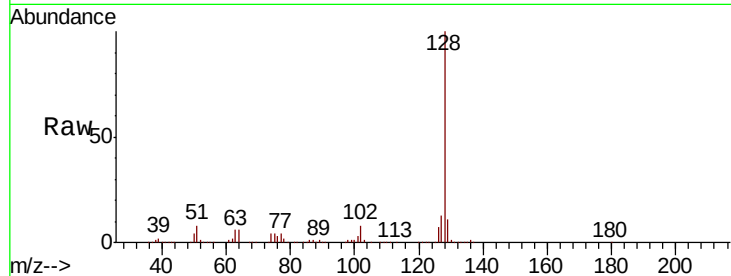




#31
Naphthalene
Concen: 13.384 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

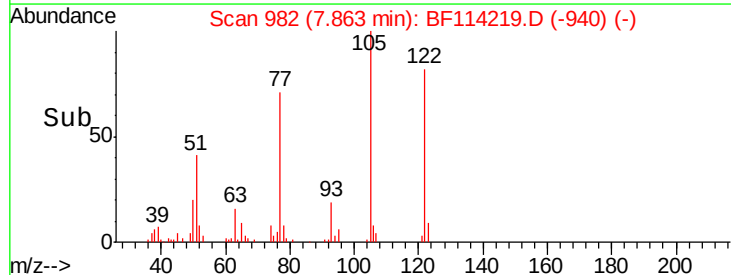
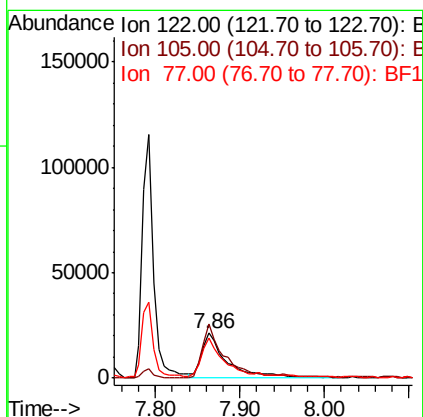
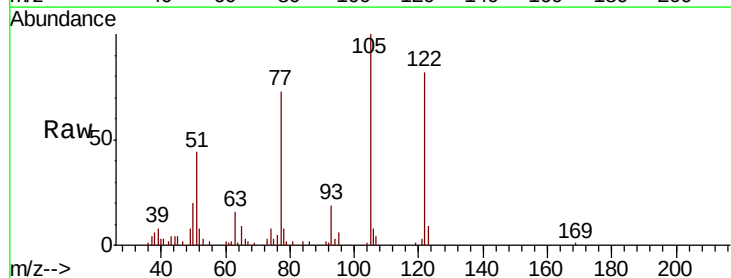
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

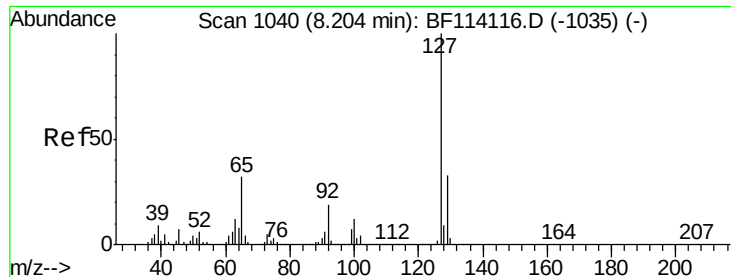
Tgt Ion:128 Resp: 569159
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 12.9 11.3 16.9



#32
Benzoic acid
Concen: 11.151 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:122 Resp: 43427
Ion Ratio Lower Upper
122 100
105 122.0 99.9 139.9
77 89.6 69.4 109.4

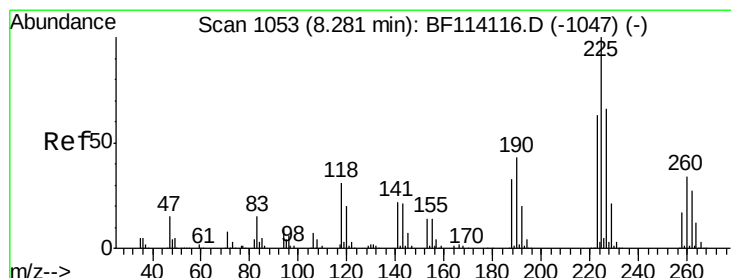
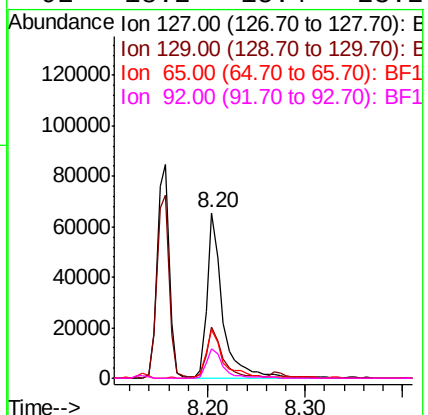
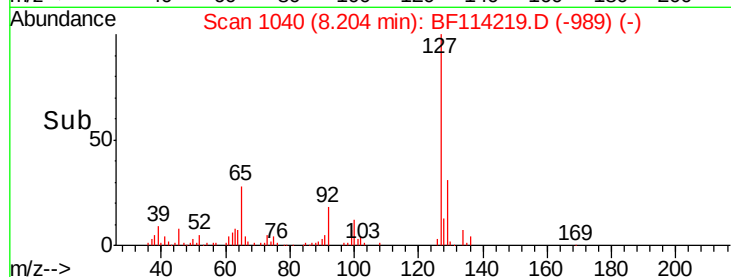
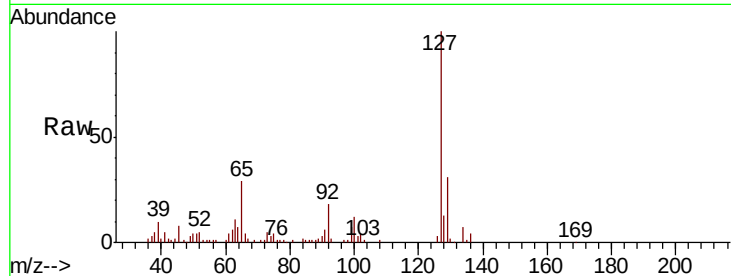




#33
 4-Chloroaniline
 Concen: 3.783 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

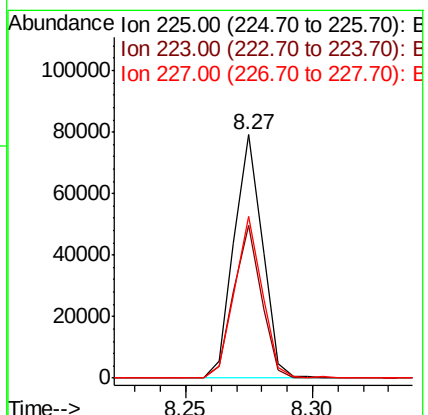
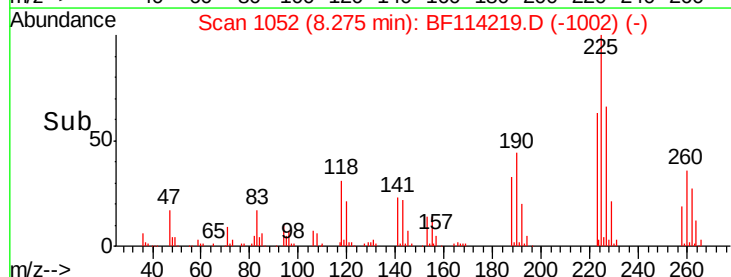
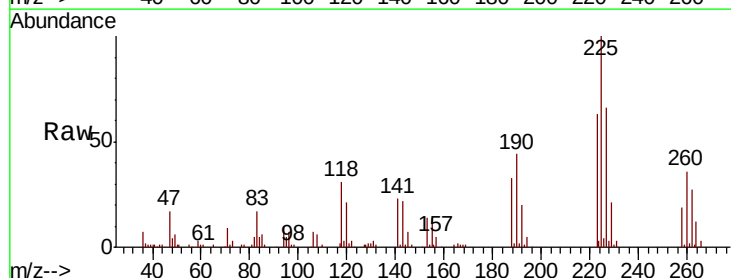
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

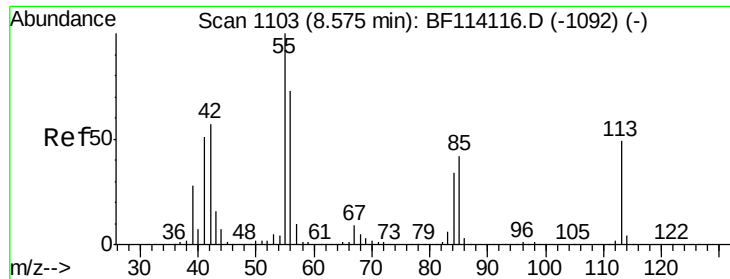
Tgt Ion:	127	Resp:	73318
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.7	40.1
65	29.2	25.4	38.0
92	18.2	15.4	23.2



#34
 Hexachlorobutadiene
 Concen: 7.607 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	225	Resp:	61700
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	66.2	52.6	79.0

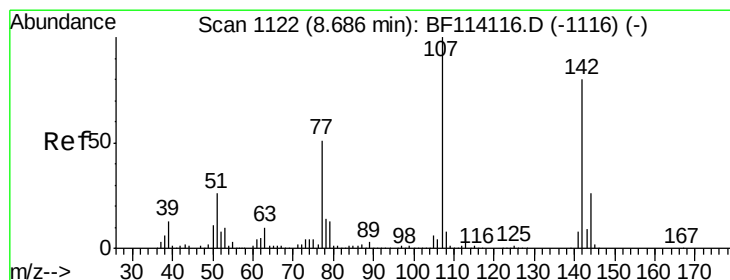
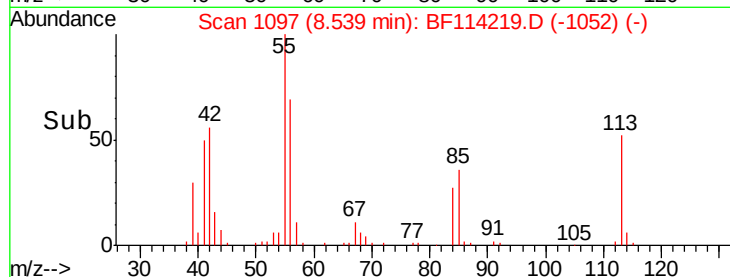
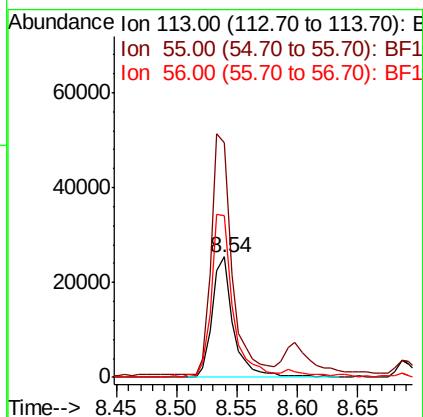
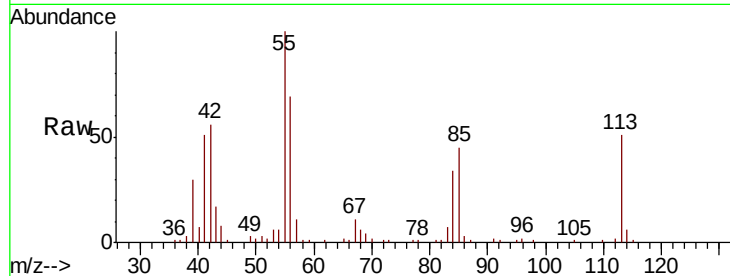




#35
 Caprolactam
 Concen: 7.501 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.04 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

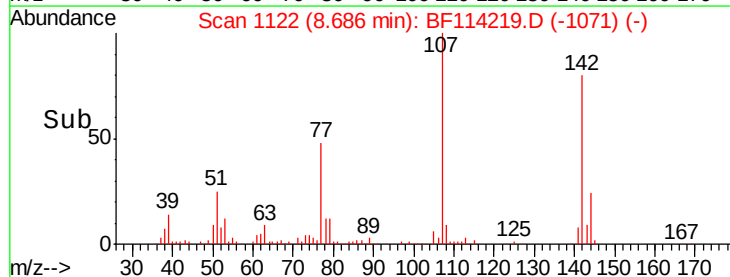
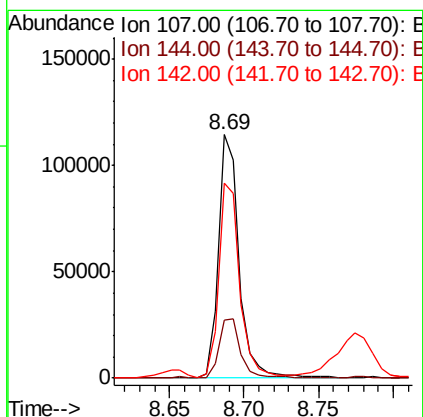
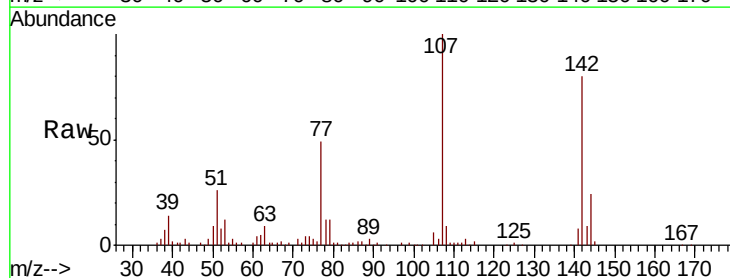
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

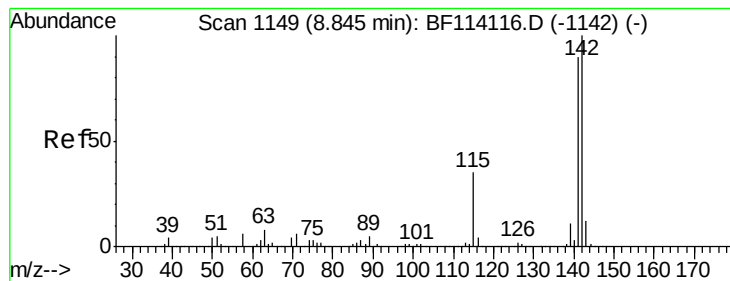
Tgt Ion:113 Resp: 30664
 Ion Ratio Lower Upper
 113 100
 55 195.3 183.5 223.5
 56 134.0 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 8.827 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:107 Resp: 111392
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.4 30.6
 142 80.1 64.2 96.4





#37

2-Methylnaphthalene

Concen: 11.996 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

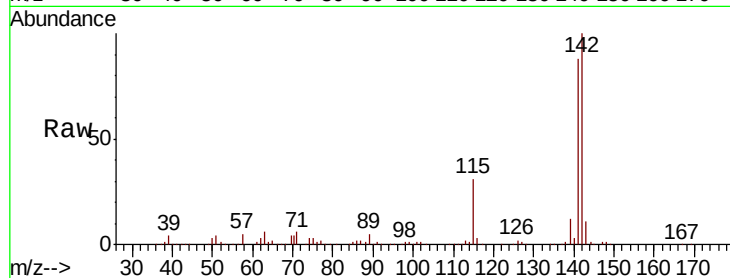
Tgt Ion:142 Resp: 329139

Ion Ratio Lower Upper

142 100

141 87.8 72.1 108.1

115 31.4 28.0 42.0

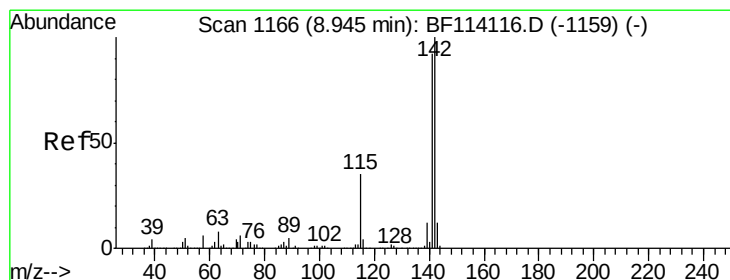
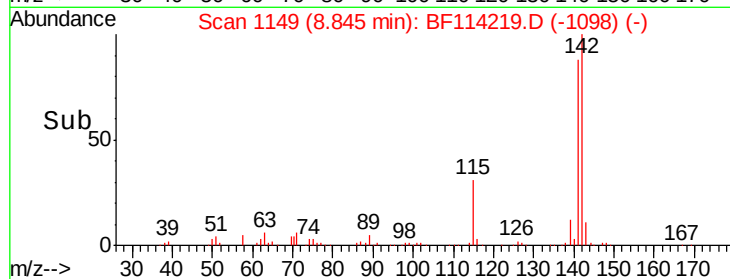
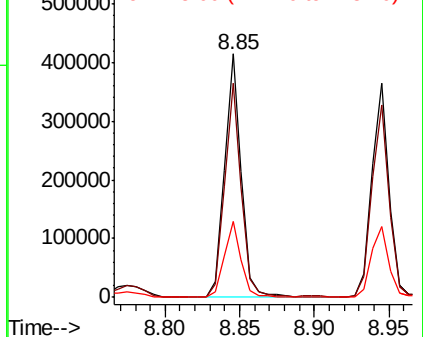


Abundance

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: 10.990 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

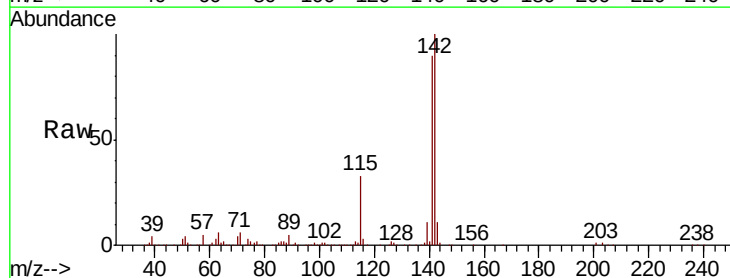
Tgt Ion:142 Resp: 283975

Ion Ratio Lower Upper

142 100

141 90.3 73.4 110.0

116 3.5 3.1 4.7

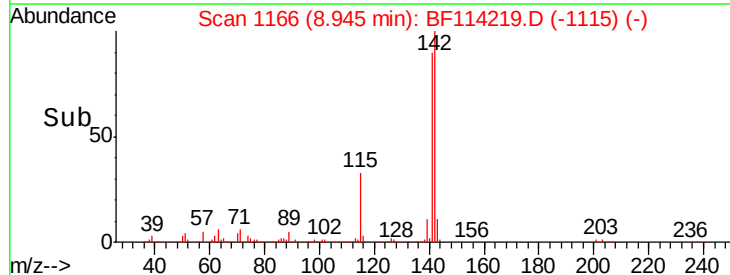
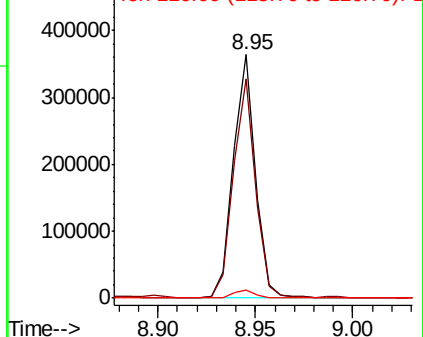


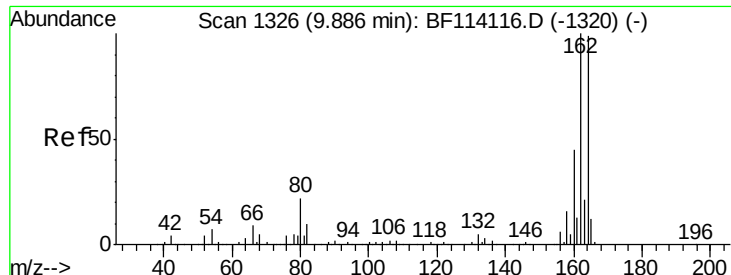
Abundance

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: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

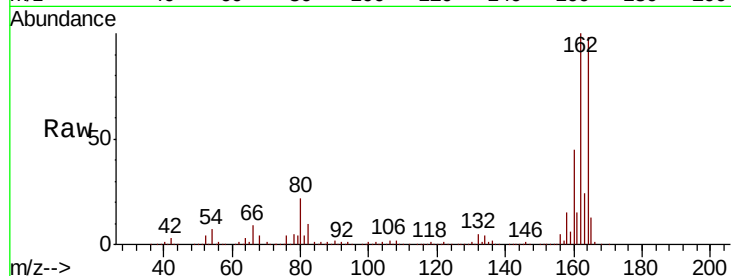
Tgt Ion:164 Resp: 409179

Ion Ratio Lower Upper

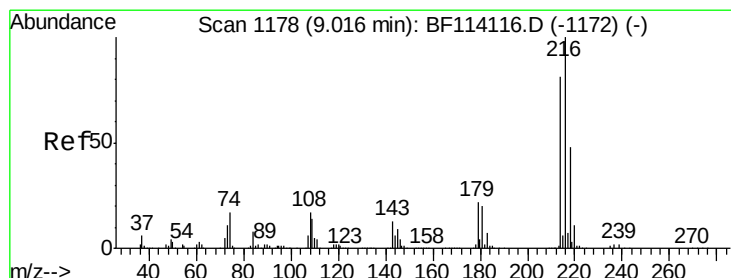
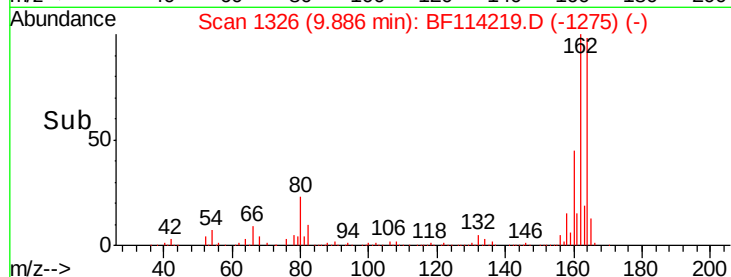
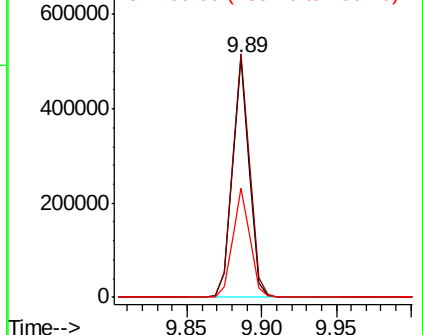
164 100

162 101.7 80.6 120.8

160 45.7 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: 8.911 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Tgt Ion:216 Resp: 110451

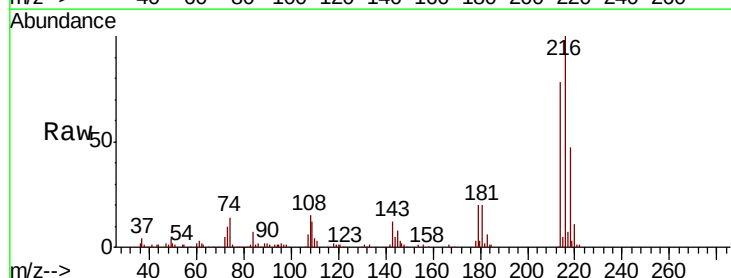
Ion Ratio Lower Upper

216 100

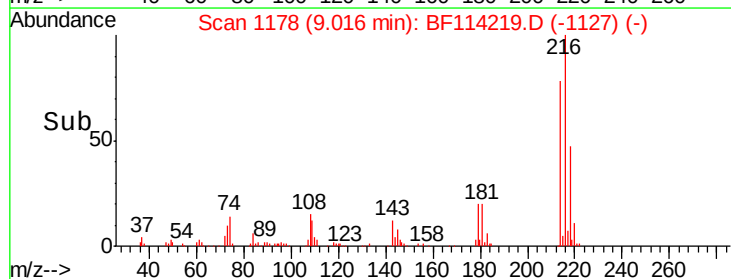
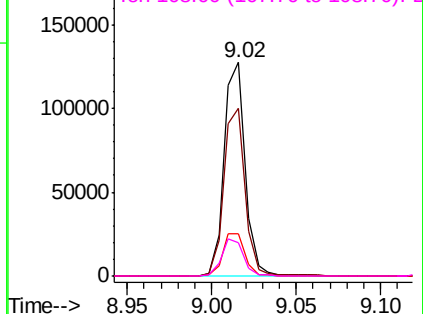
214 79.8 63.9 95.9

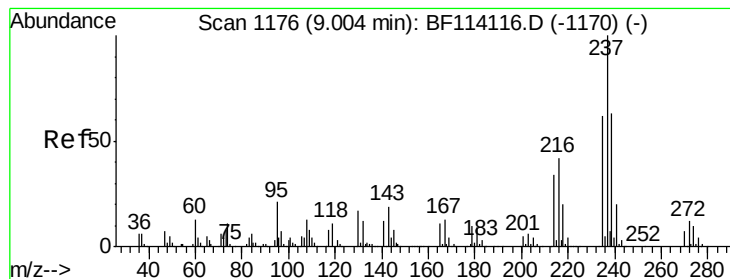
179 20.8 17.0 25.6

108 17.7 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: 4.551 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

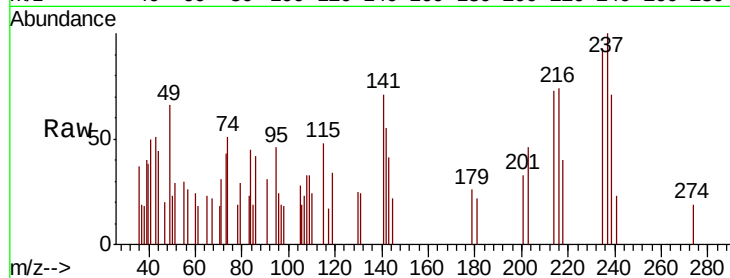
Tgt Ion: 237 Resp: 1389

Ion Ratio Lower Upper

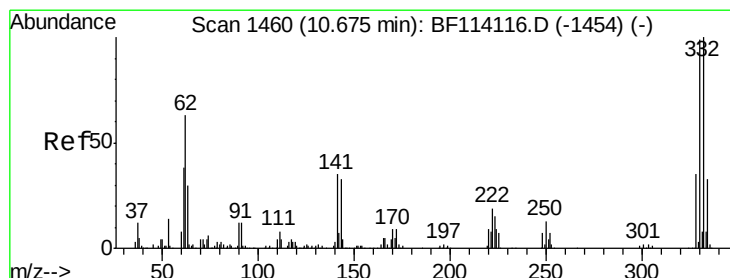
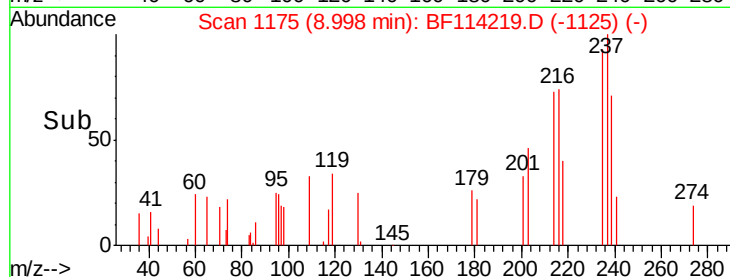
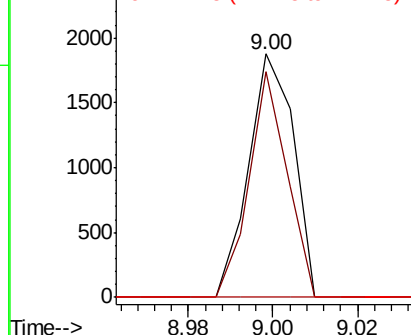
237 100

235 92.7 42.0 82.0#

272 0.0 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: 18.130 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

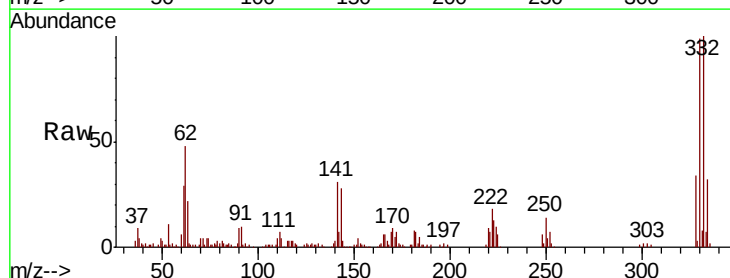
Tgt Ion: 330 Resp: 76694

Ion Ratio Lower Upper

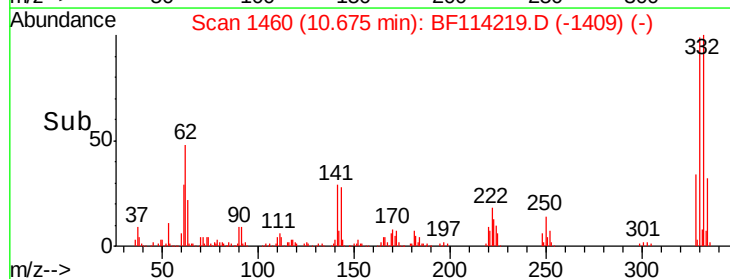
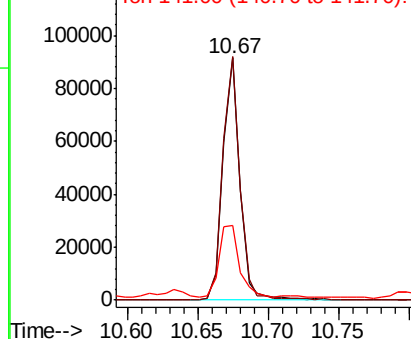
330 100

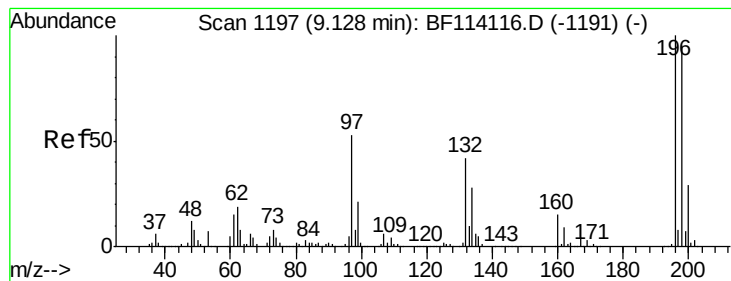
332 101.2 81.4 122.2

141 34.8 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

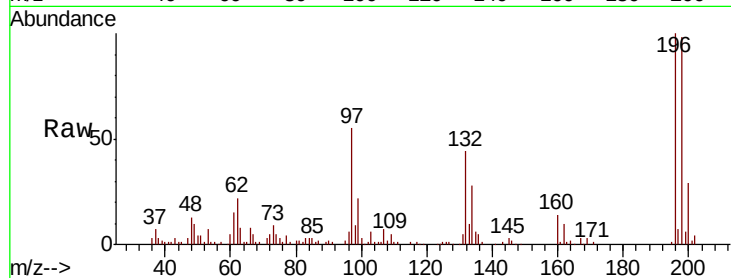




#43
 2,4,6-Trichlorophenol
 Concen: 8.460 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.9	113.9
200	29.3	23.5	35.3

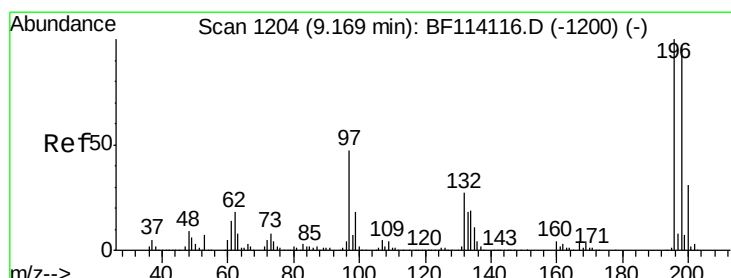
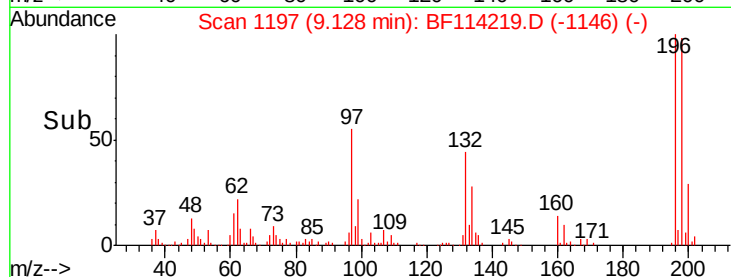
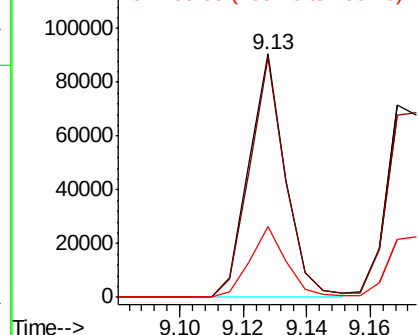


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 8.632 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.7	116.5
97	57.1	38.2	57.2
132	32.7	21.4	32.2#

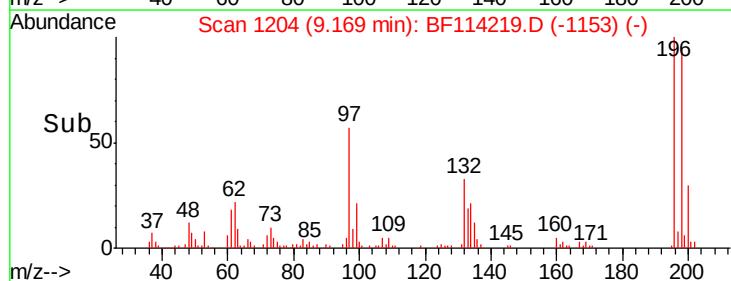
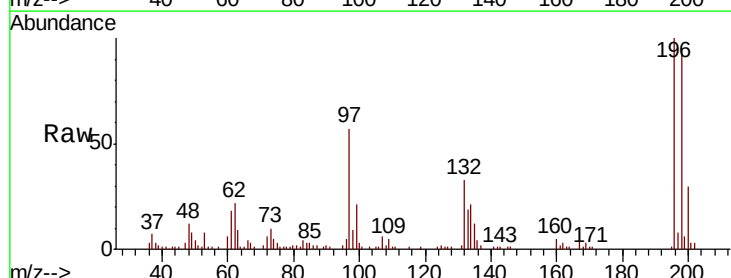
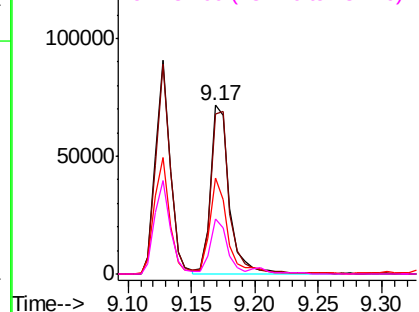
Abundance

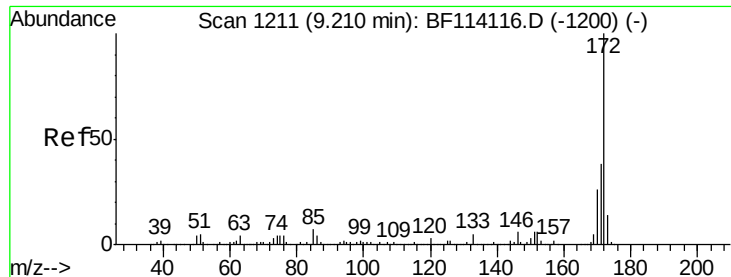
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

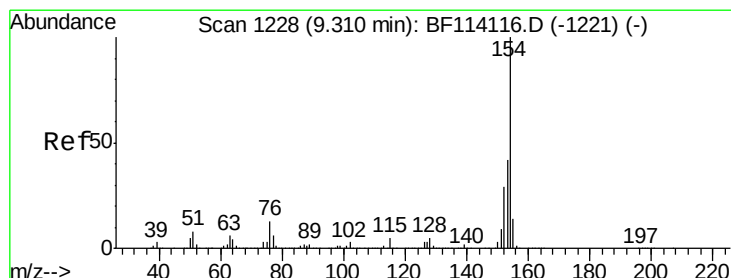
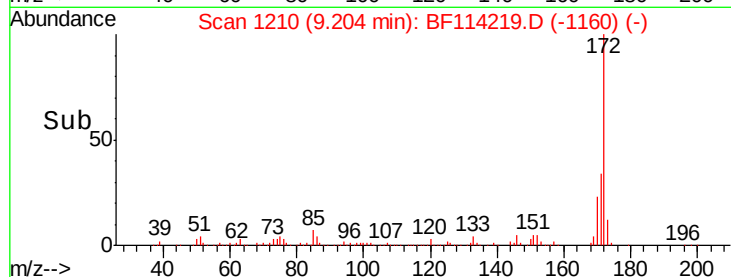
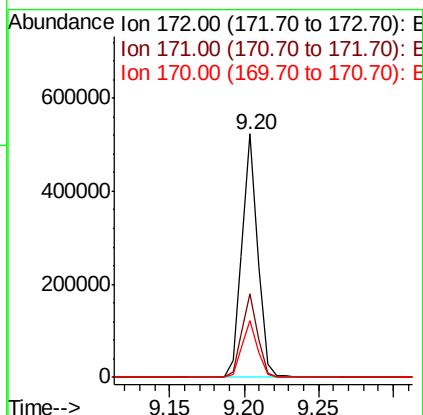
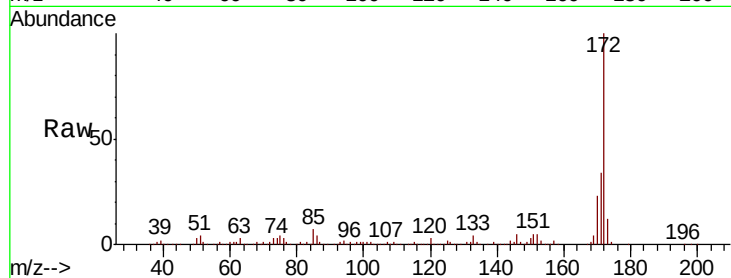




#45
 2-Fluorobiphenyl
 Concen: 14.341 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

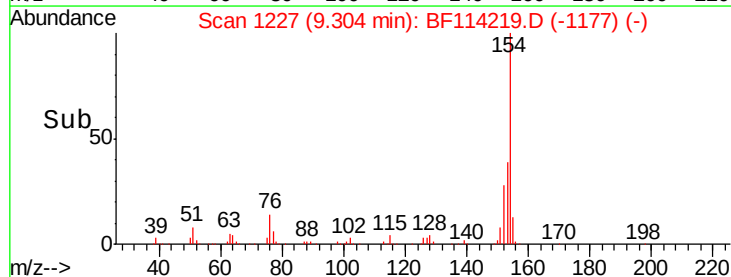
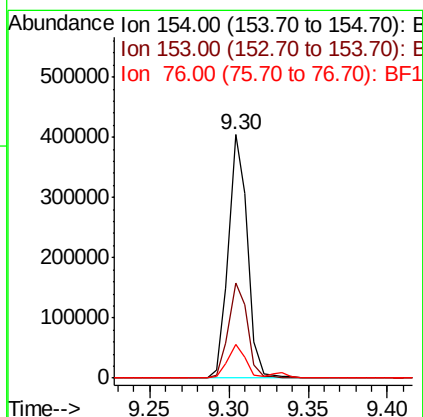
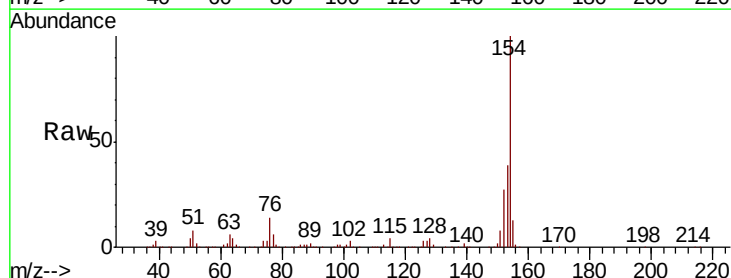
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

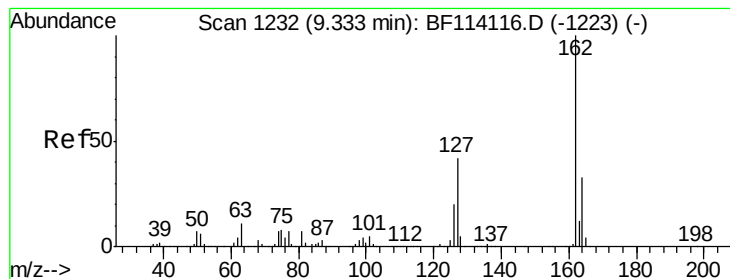
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.7	46.1
170	23.1	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 10.193 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.9	61.9
76	13.9	0.0	32.8

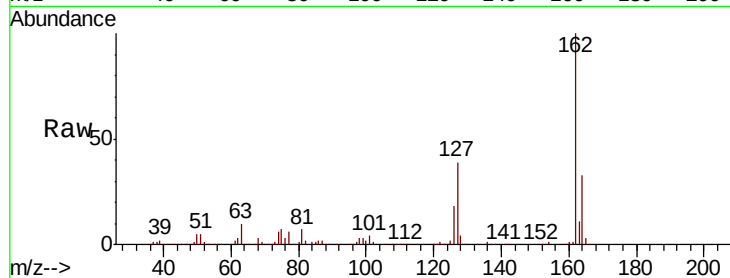




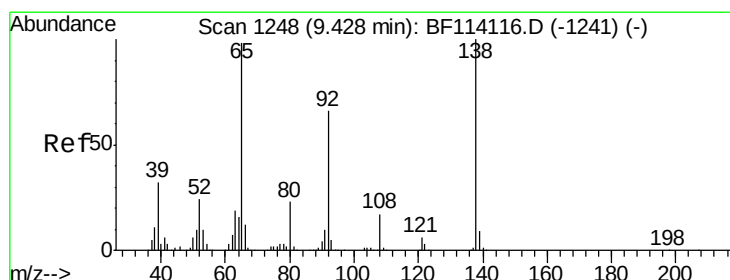
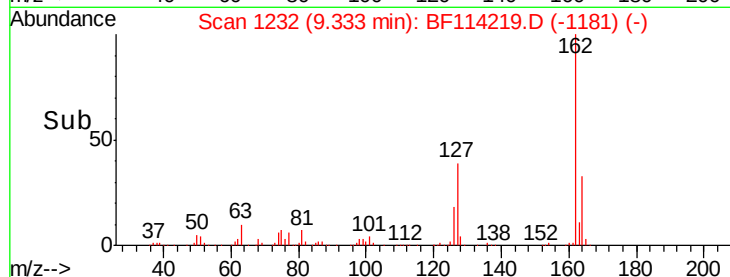
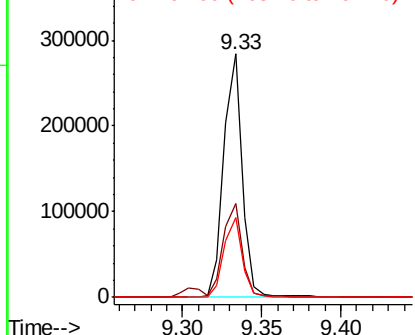
#47
 2-Chloronaphthalene
 Concen: 8.683 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tgt Ion:	162	Resp:	230999
Ion	Ratio	Lower	Upper
162	100		
127	38.7	34.0	51.0
164	32.9	26.7	40.1

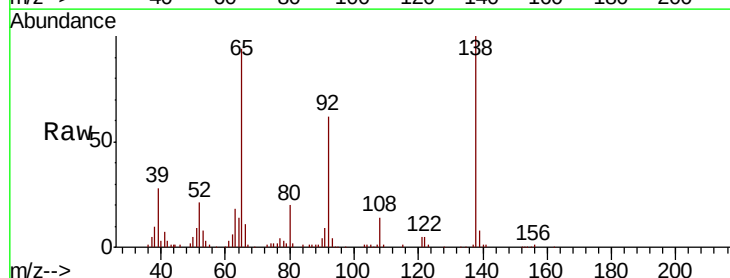


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

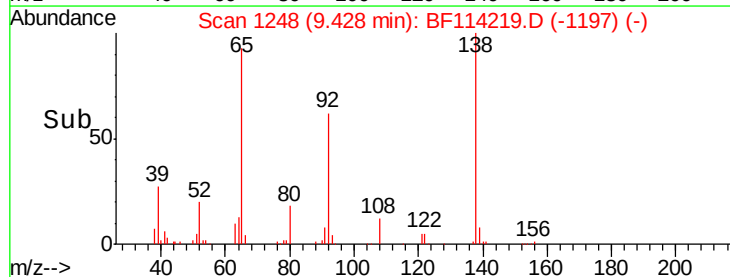
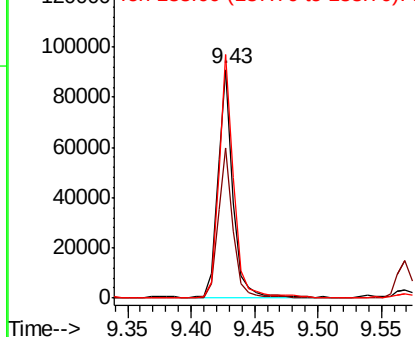


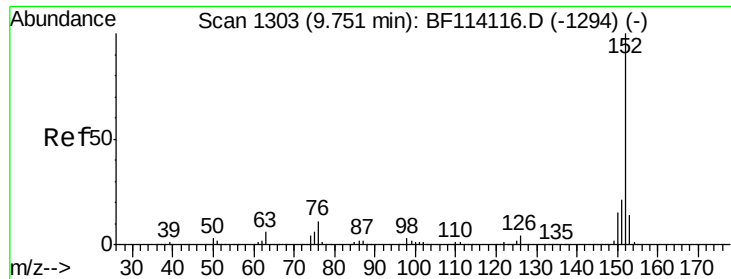
#48
 2-Nitroaniline
 Concen: 8.134 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	65	Resp:	76738
Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	106.5	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: 15.965 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

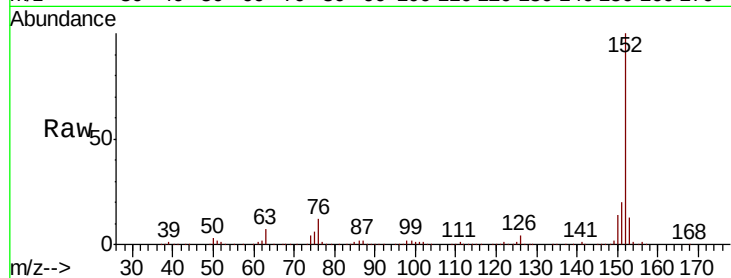
Tgt Ion:152 Resp: 645973

Ion Ratio Lower Upper

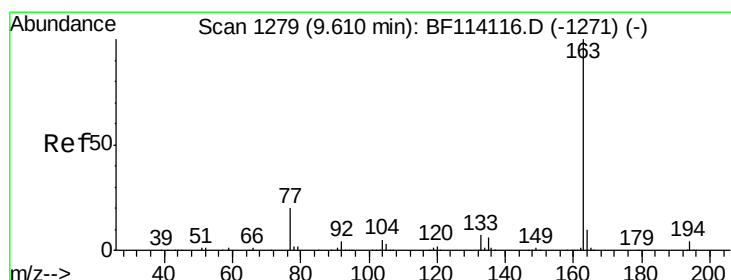
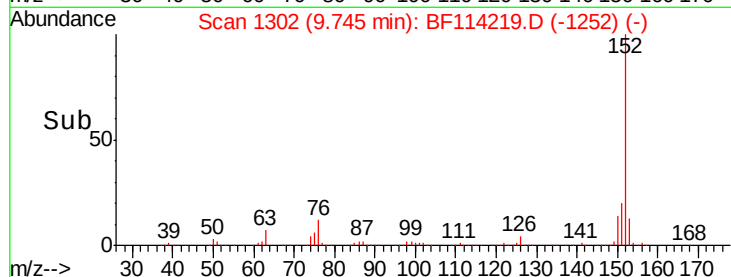
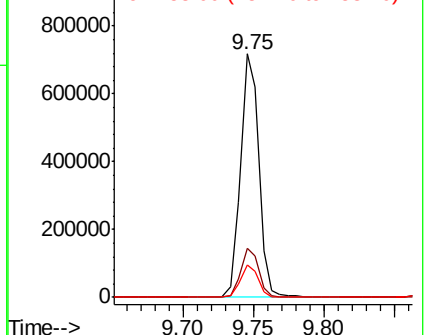
152 100

151 20.1 16.8 25.2

153 13.3 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: 11.076 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

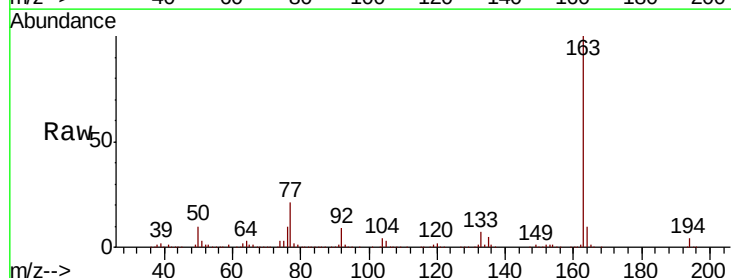
Tgt Ion:163 Resp: 332692

Ion Ratio Lower Upper

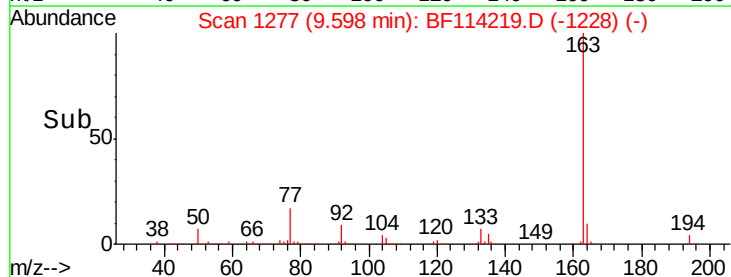
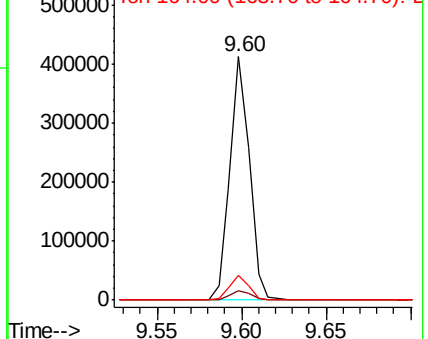
163 100

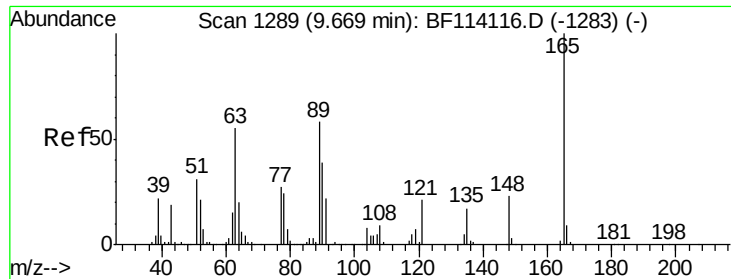
194 3.7 3.4 5.0

164 9.9 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

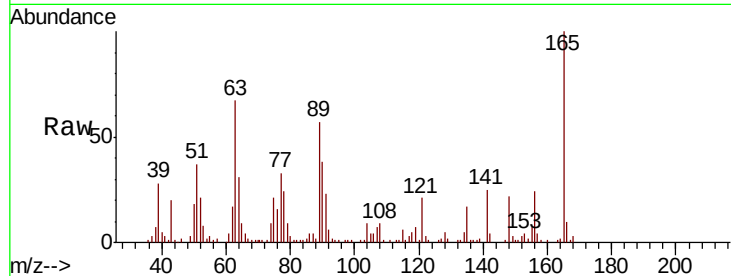




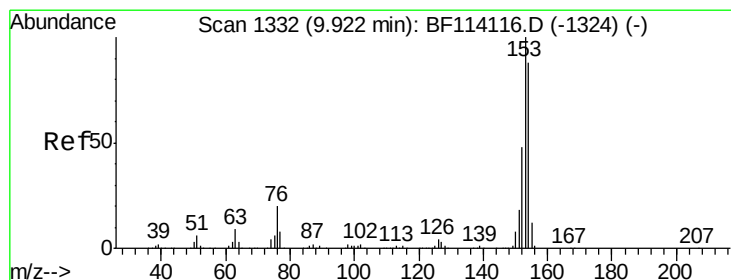
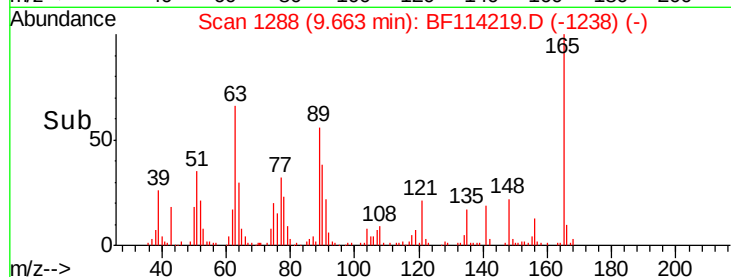
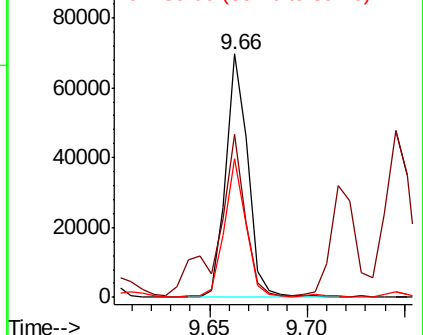
#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:165 Resp: 54731
Ion Ratio Lower Upper
165 100
63 67.1 50.2 75.4
89 56.8 46.6 69.8

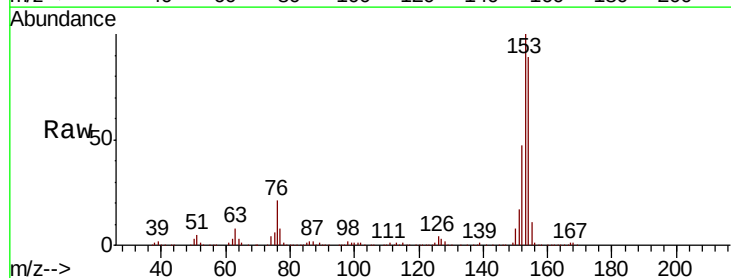


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

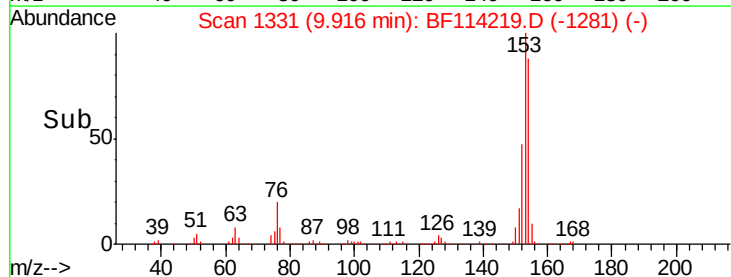
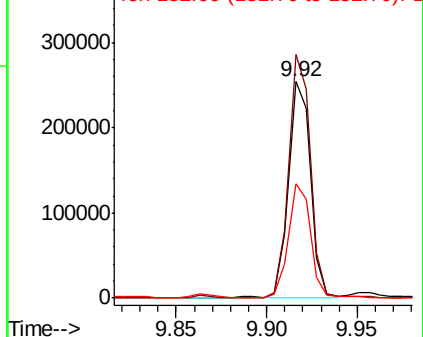


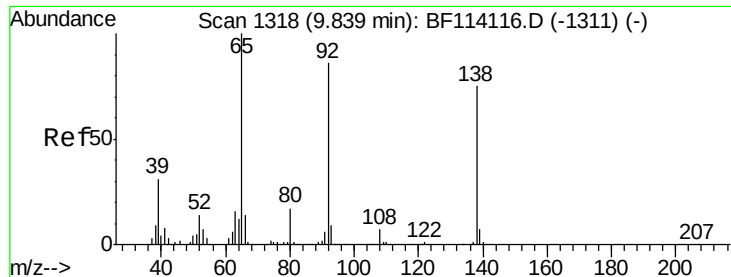
#52
Acenaphthene
Concen: 8.739 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:154 Resp: 216994
Ion Ratio Lower Upper
154 100
153 112.7 90.5 135.7
152 52.8 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

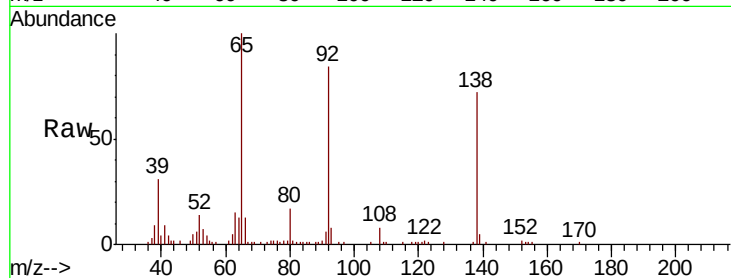




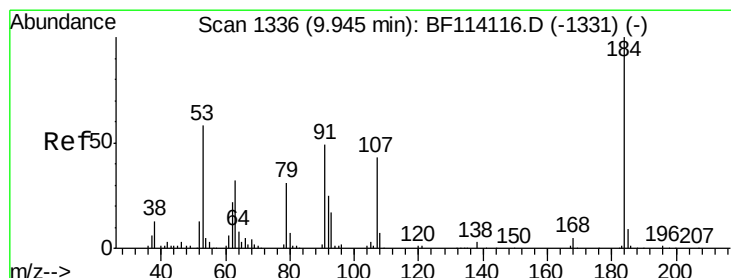
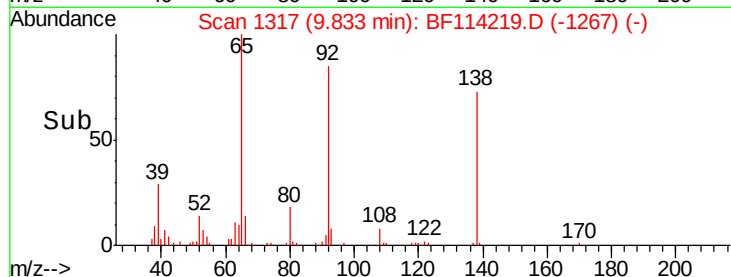
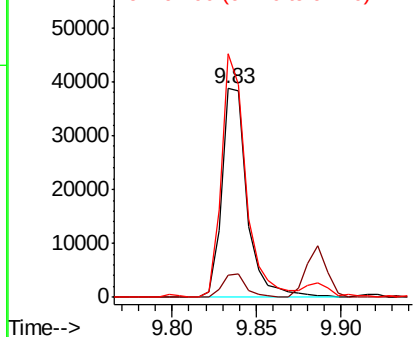
#53
3-Nitroaniline
Concen: 4.941 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:138 Resp: 40864
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.6
92 116.6 91.2 136.8

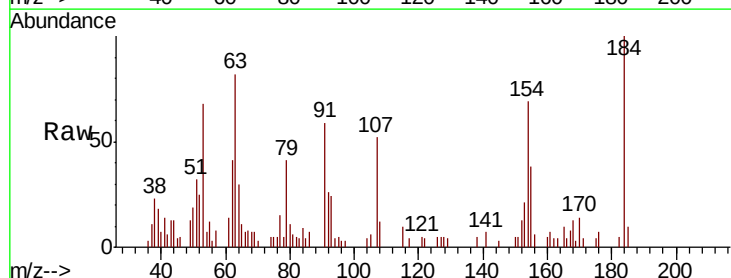


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

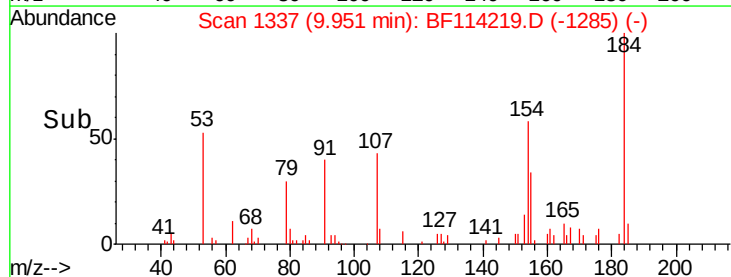
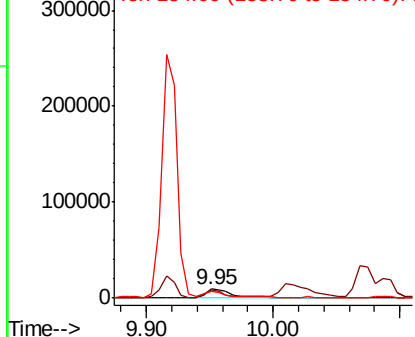


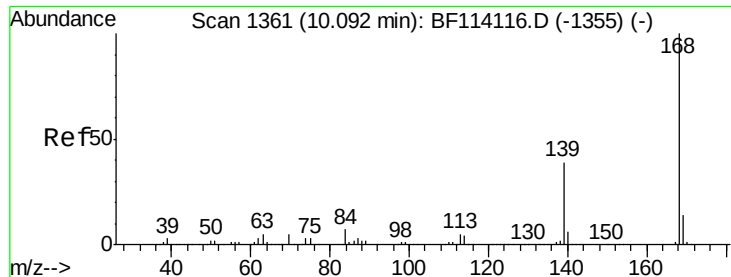
#54
2,4-Dinitrophenol
Concen: 10.872 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:184 Resp: 15097
Ion Ratio Lower Upper
184 100
63 81.8 55.6 83.4
154 69.3 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

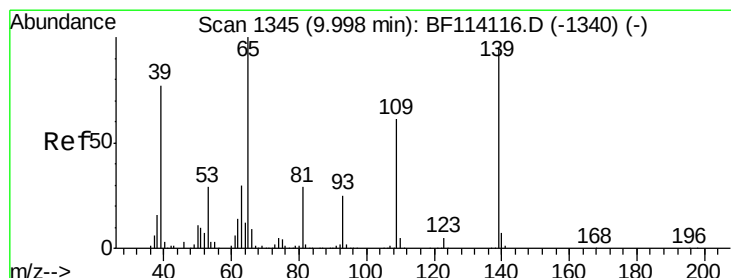
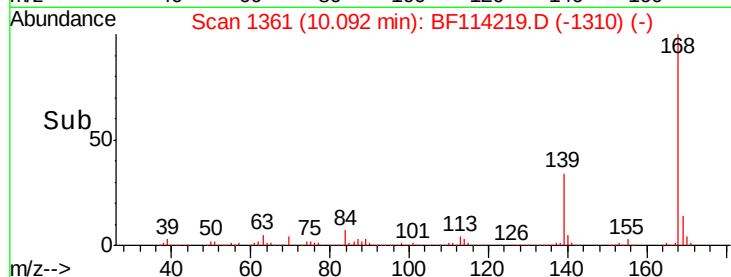
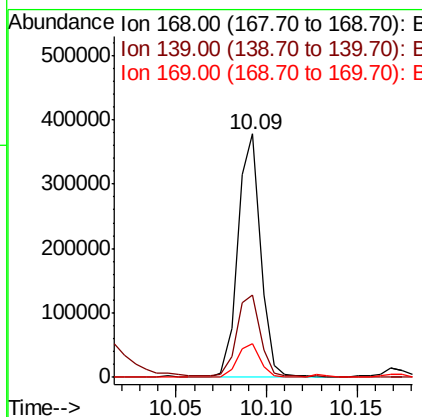
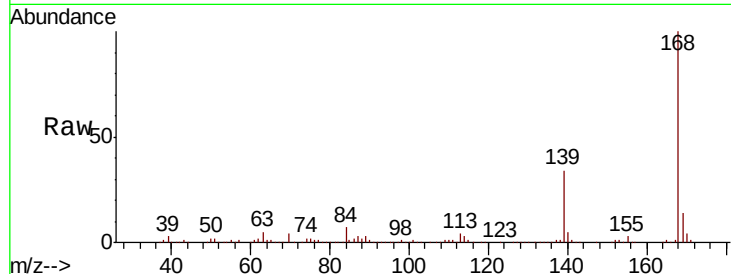




#55
Dibenzenofuran
Concen: 8.980 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

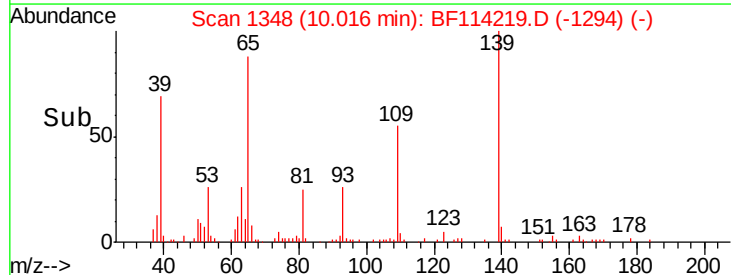
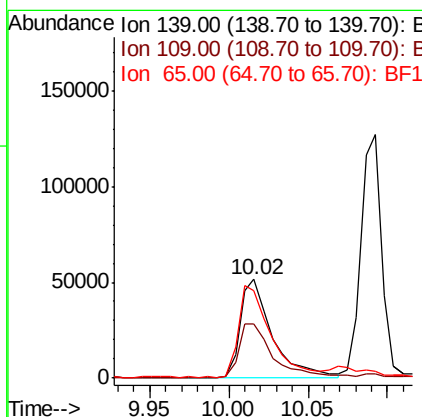
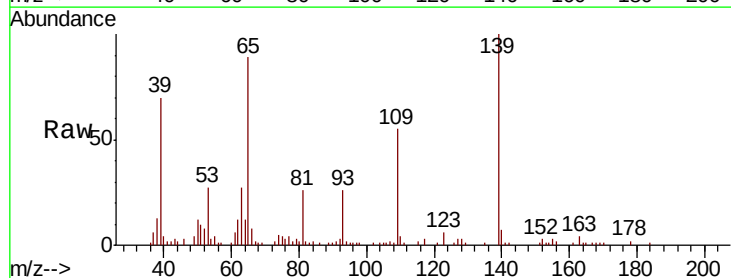
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

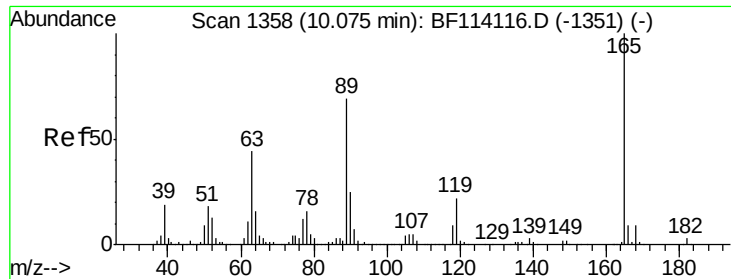
Tgt Ion:168 Resp: 326944
Ion Ratio Lower Upper
168 100
139 33.6 31.1 46.7
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 12.412 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:139 Resp: 72593
Ion Ratio Lower Upper
139 100
109 55.4 43.9 83.9
65 89.0 85.7 125.7

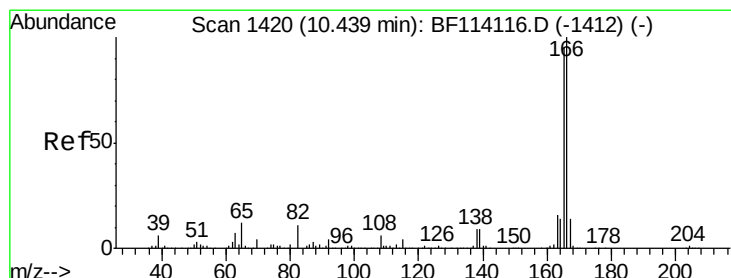
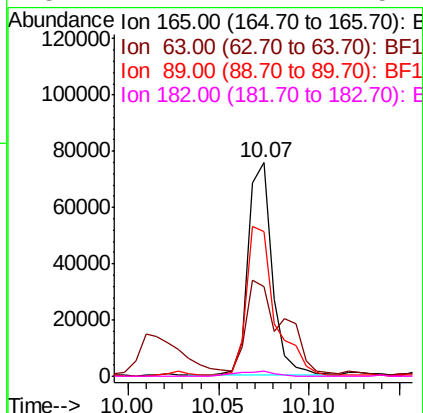
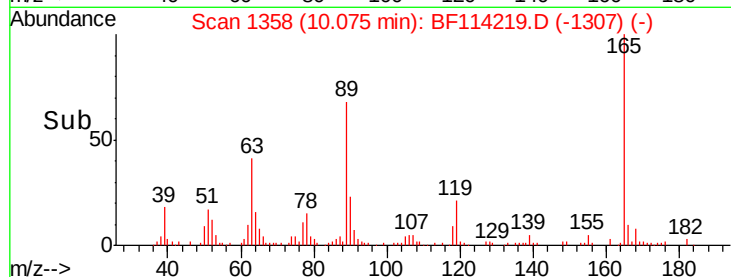
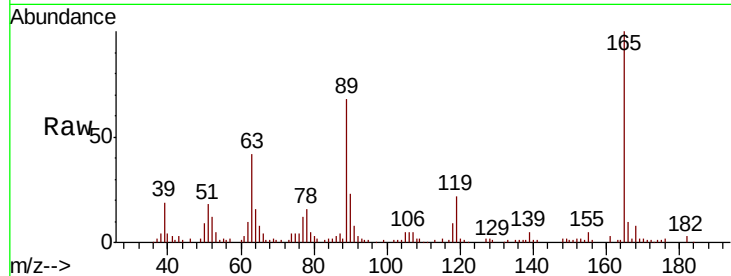




#57
2,4-Dinitrotoluene
Concen: 7.706 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

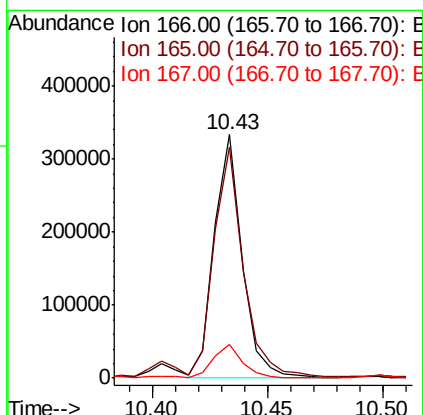
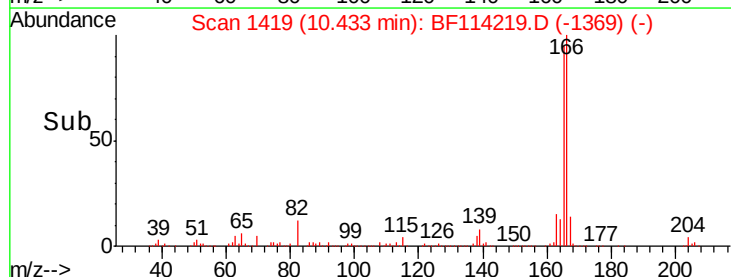
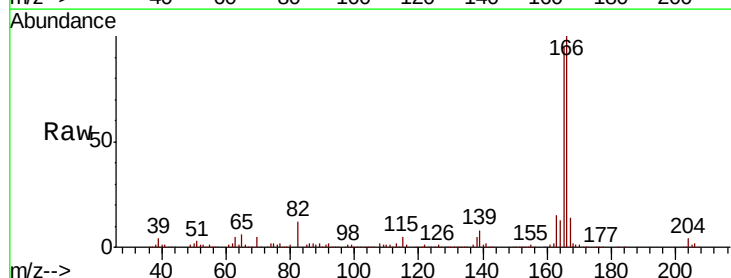
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

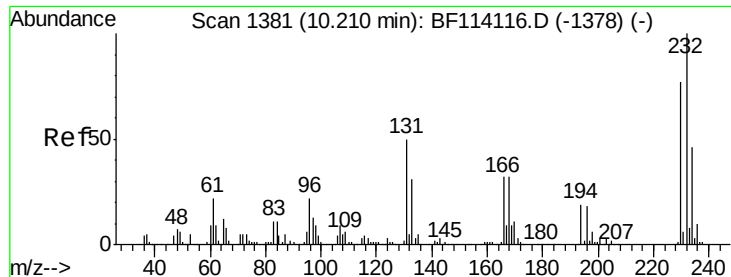
Tgt Ion:	165	Resp:	69686
Ion	Ratio	Lower	Upper
165	100		
63	41.9	35.5	53.3
89	68.0	55.2	82.8
182	2.7	2.2	3.2



#58
Fluorene
Concen: 9.869 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:	166	Resp:	277528
Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.1	114.1
167	13.8	11.1	16.7

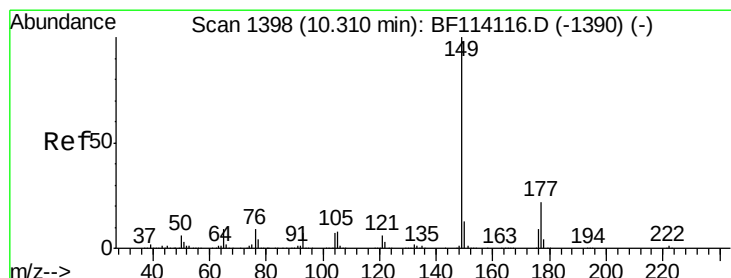
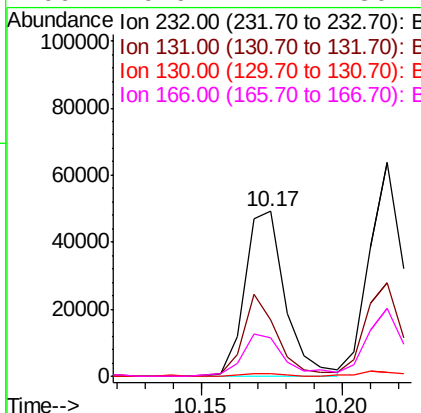
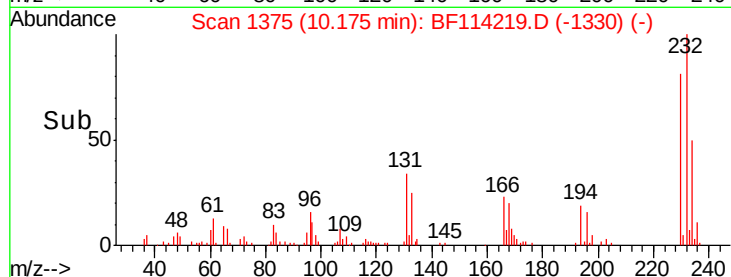
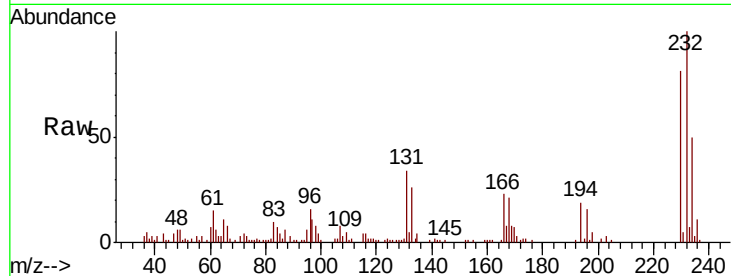




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.475 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

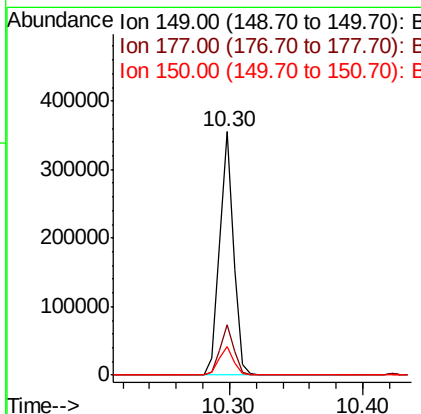
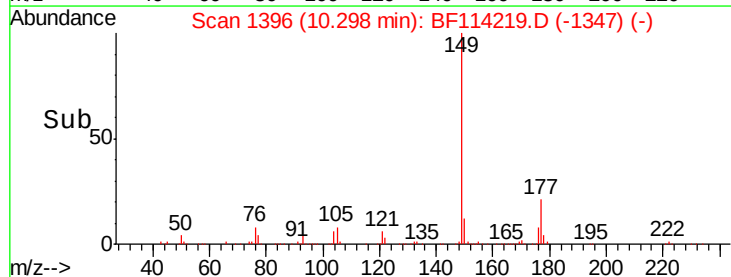
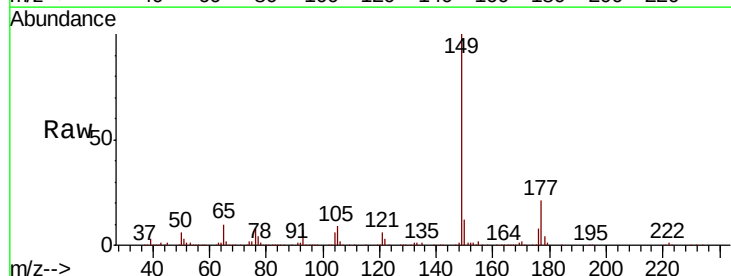
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

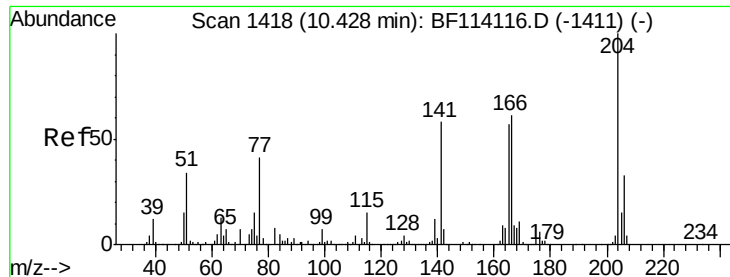
Tgt Ion:	232	Resp:	48848
Ion	Ratio	Lower	Upper
232	100		
131	42.7	35.6	53.4
130	2.0	1.6	2.4
166	26.9	24.1	36.1



#60
 Diethylphthalate
 Concen: 8.650 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	149	Resp:	264004
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.6
150	11.9	10.2	15.2

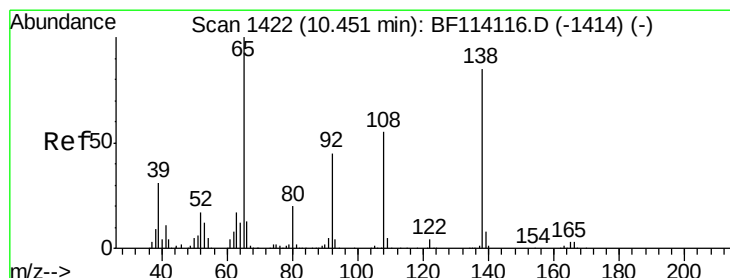
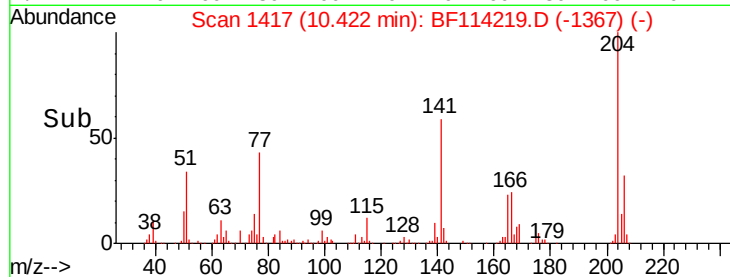
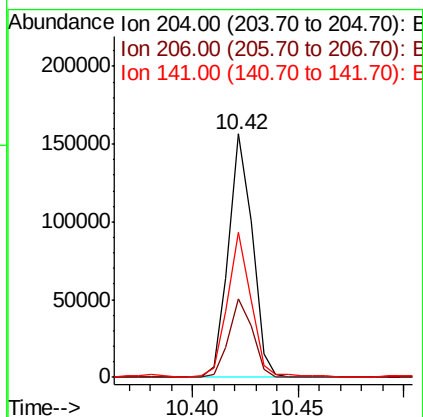
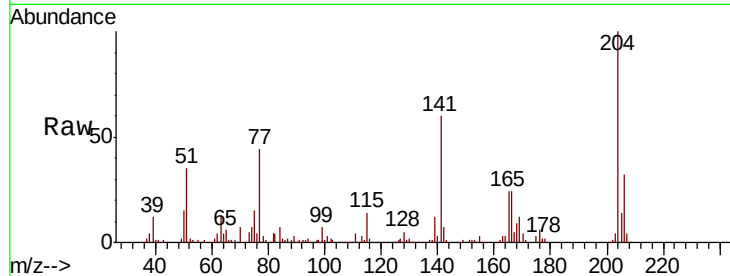




#61
 4-Chlorophenyl-phenylether
 Concen: 8.815 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

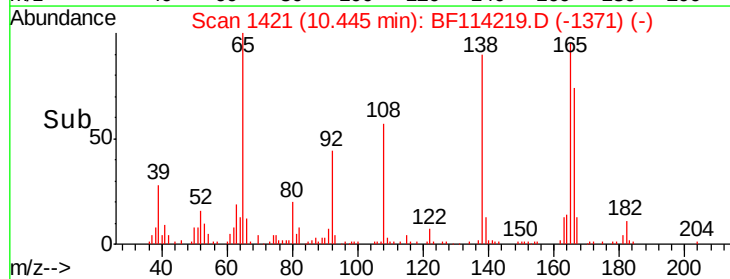
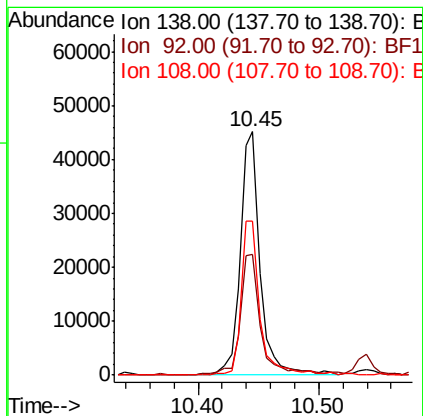
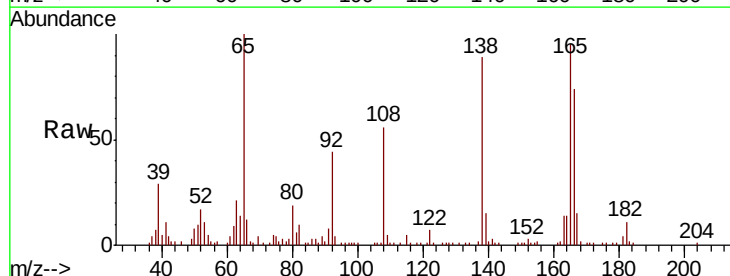
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

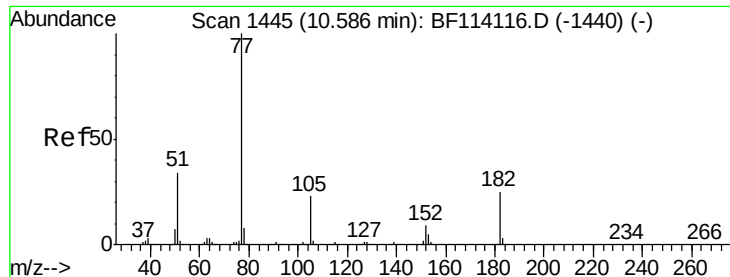
Tgt Ion:	204	Resp:	121756
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	59.8	46.4	69.6



#62
 4-Nitroaniline
 Concen: 5.935 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:	138	Resp:	51581
Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.0	73.0
108	63.5	44.9	84.9





#63

Azobenzene

Concen: 8.047 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tgt Ion: 77 Resp: 237723

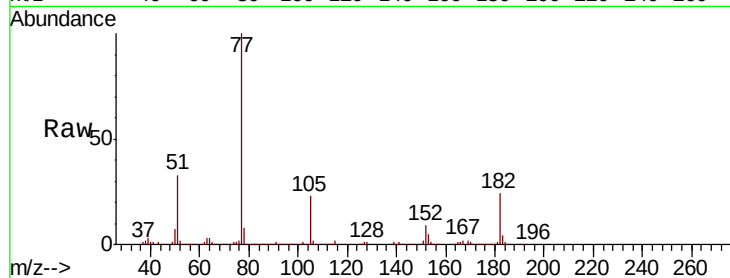
Ion Ratio Lower Upper

77 100

182 24.1 4.7 44.7

105 23.3 2.9 42.9

51 32.9 14.6 54.6

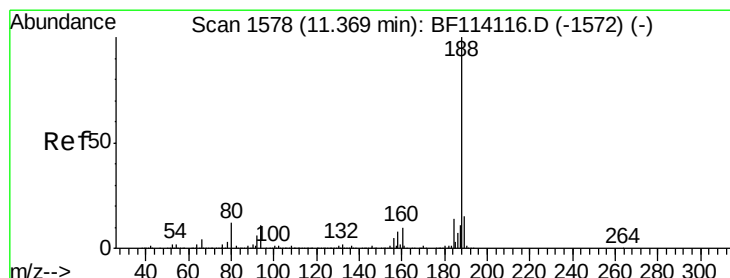
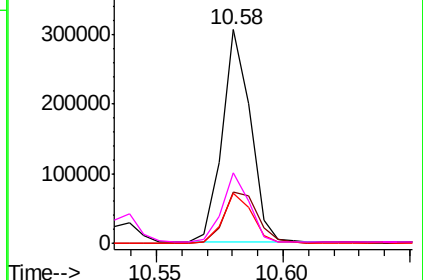
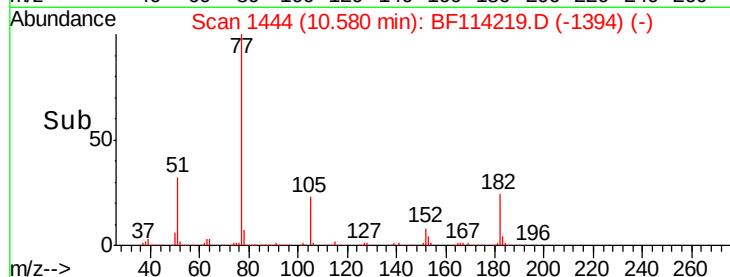


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

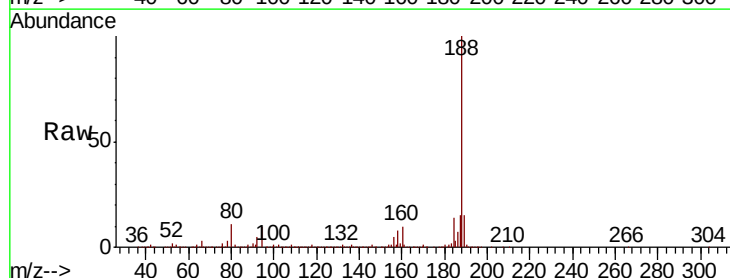
Tgt Ion: 188 Resp: 741920

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

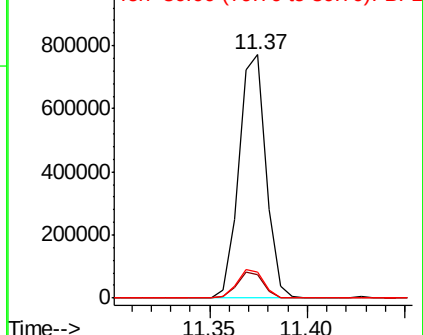
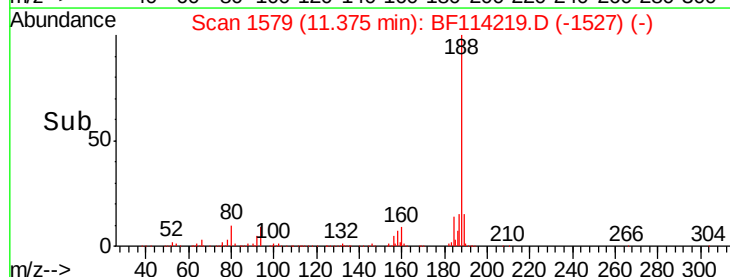
80 10.6 9.2 13.8

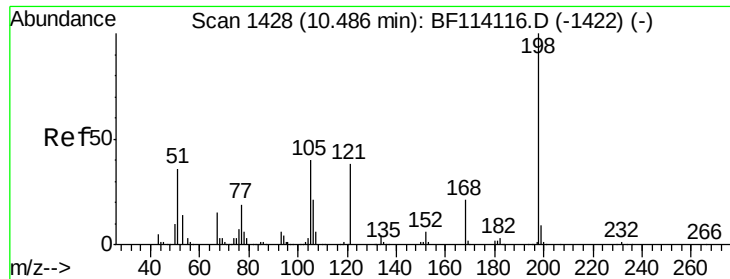


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

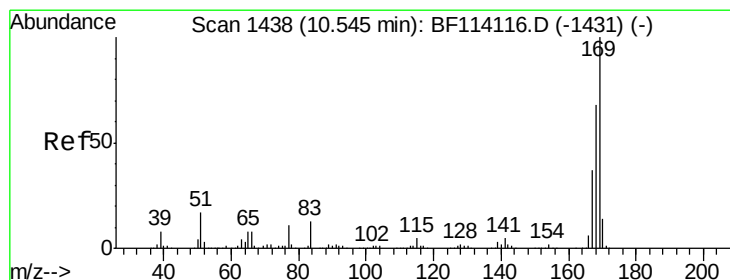
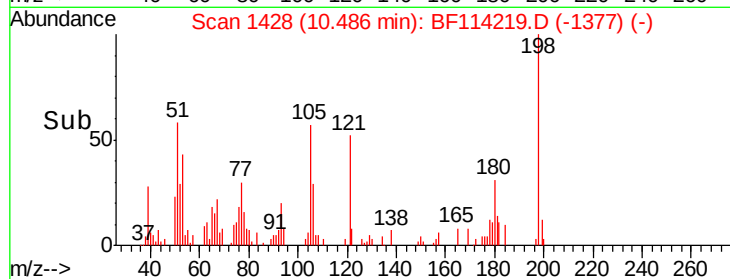
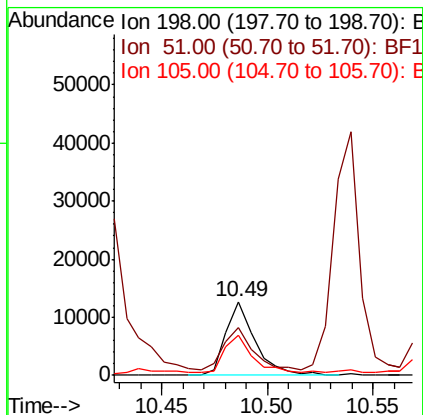
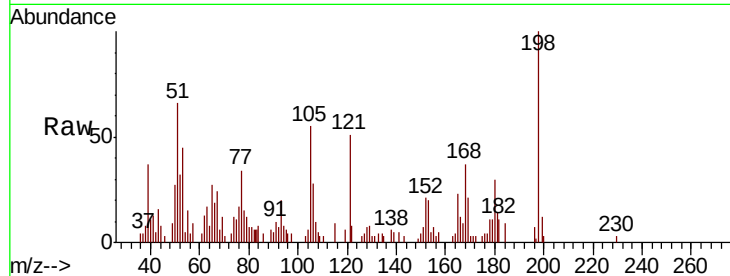




#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.388 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

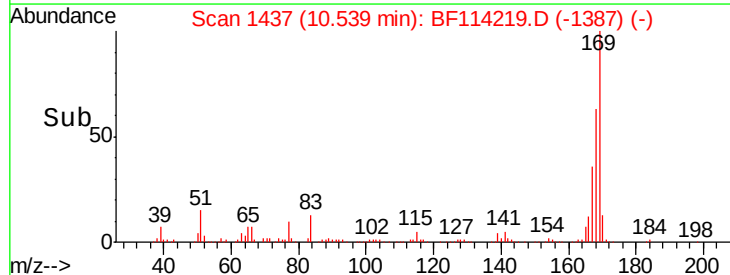
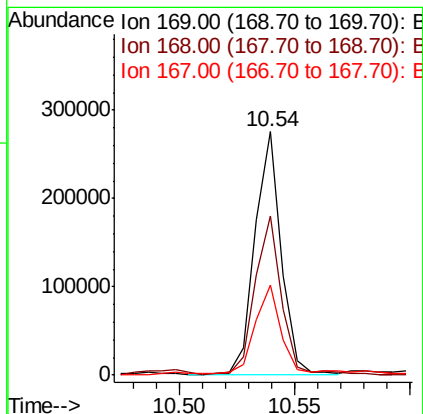
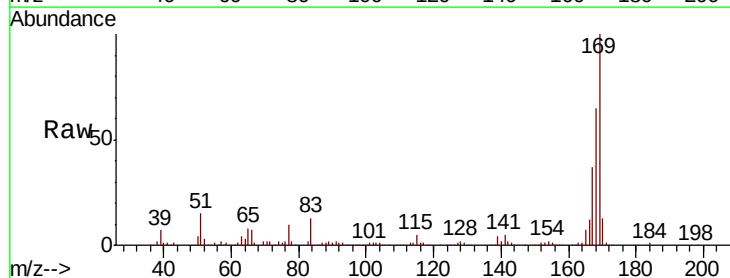
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

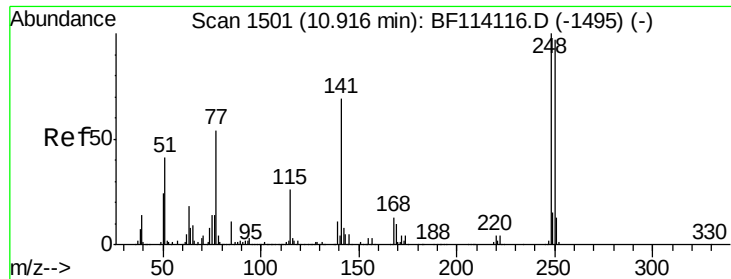
Tgt Ion:198 Resp: 12080
 Ion Ratio Lower Upper
 198 100
 51 65.8 28.0 68.0
 105 55.3 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 9.715 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:169 Resp: 218747
 Ion Ratio Lower Upper
 169 100
 168 65.3 54.2 81.2
 167 37.0 29.8 44.8

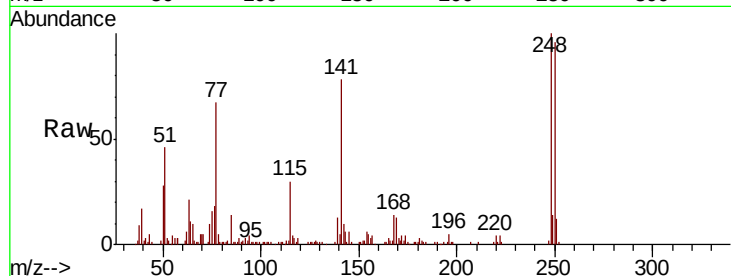




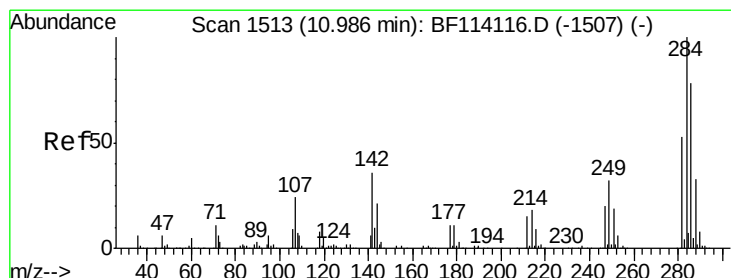
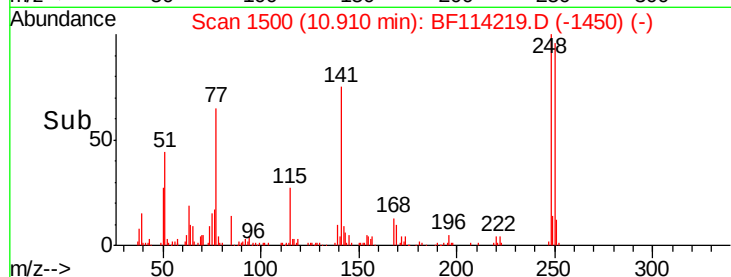
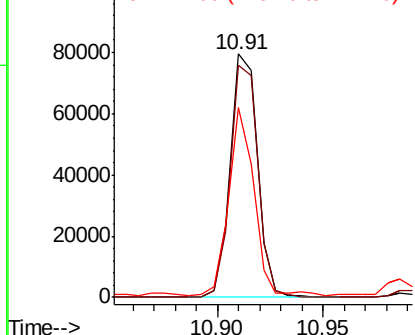
#67
4-Bromophenyl-phenylether
Concen: 8.672 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion: 248 Resp: 70844
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 78.1 55.6 83.4

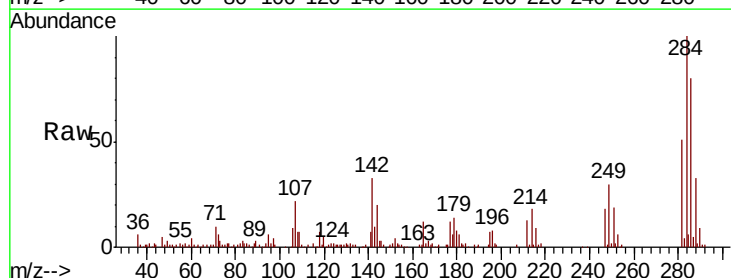


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

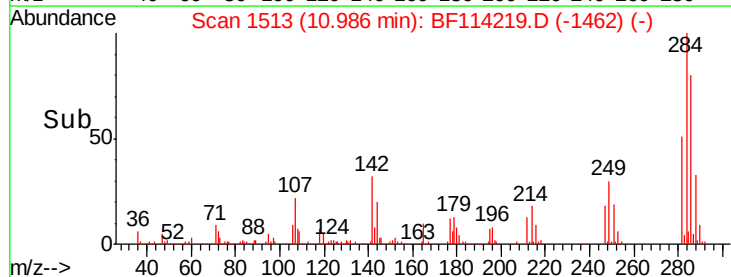
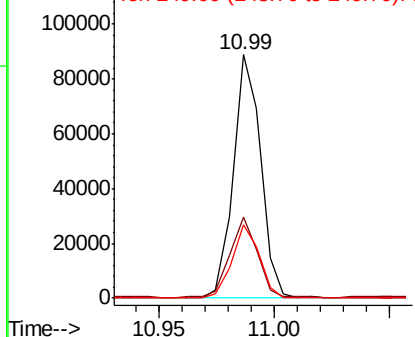


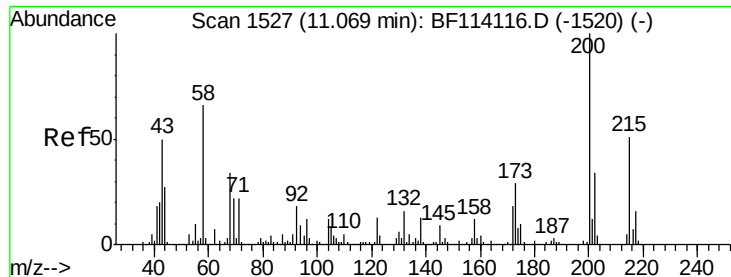
#68
Hexachlorobenzene
Concen: 8.101 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion: 284 Resp: 73212
Ion Ratio Lower Upper
284 100
142 33.1 28.4 42.6
249 30.1 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

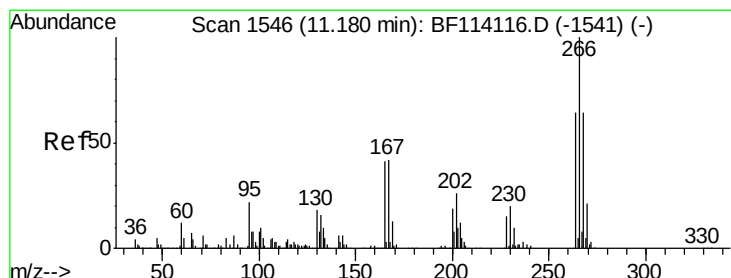
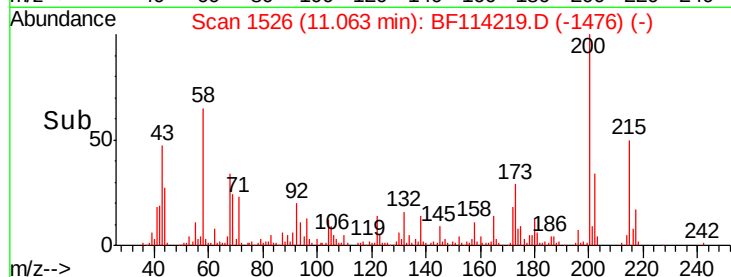
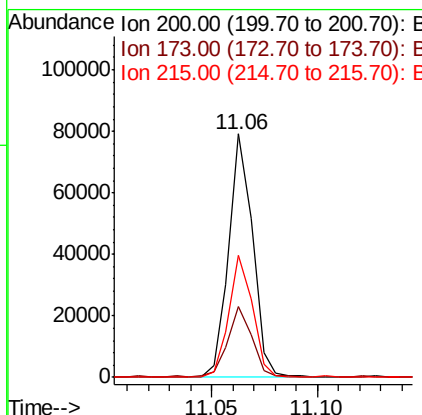
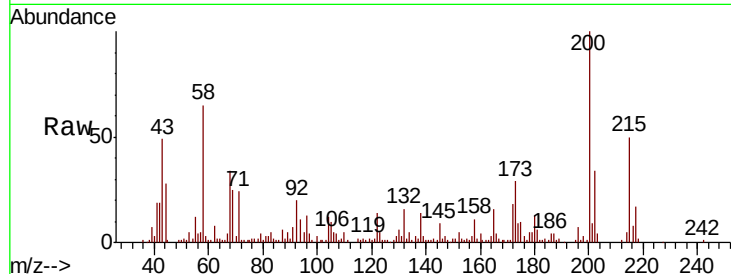




#69
Atrazine
Concen: 8.873 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

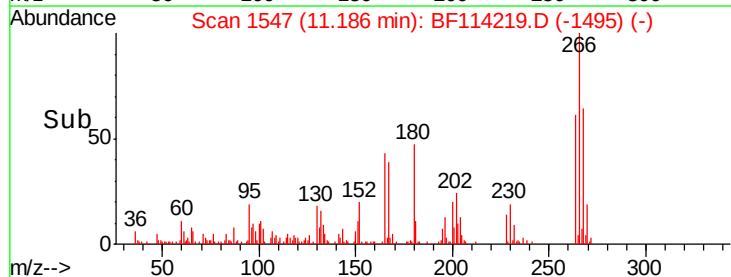
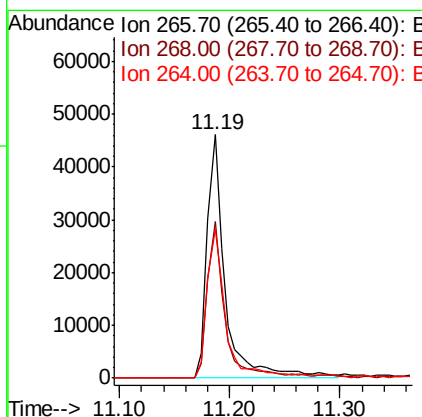
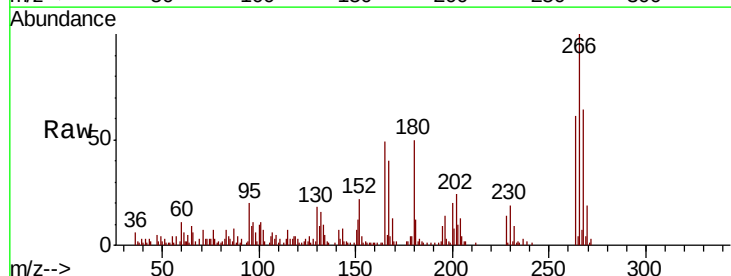
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

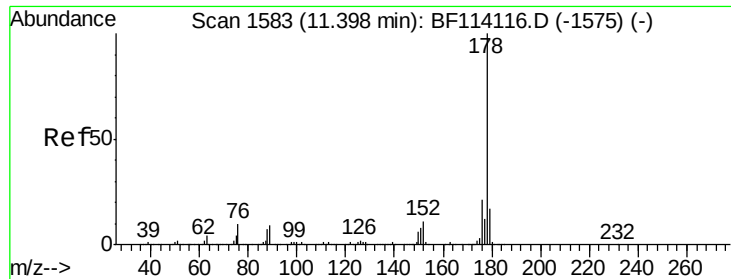
Tgt Ion: 200 Resp: 62173
Ion Ratio Lower Upper
200 100
173 29.0 8.9 48.9
215 50.1 30.7 70.7



#70
Pentachlorophenol
Concen: 11.962 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion: 266 Resp: 51242
Ion Ratio Lower Upper
266 100
268 64.3 51.1 76.7
264 61.4 51.1 76.7

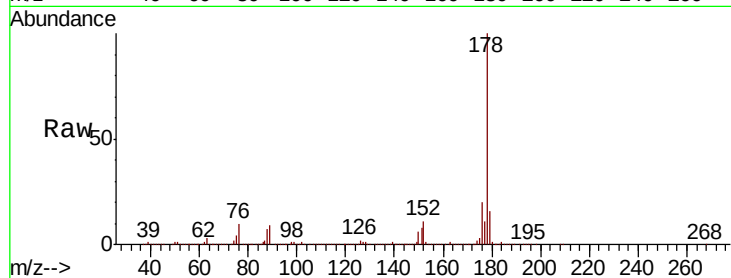




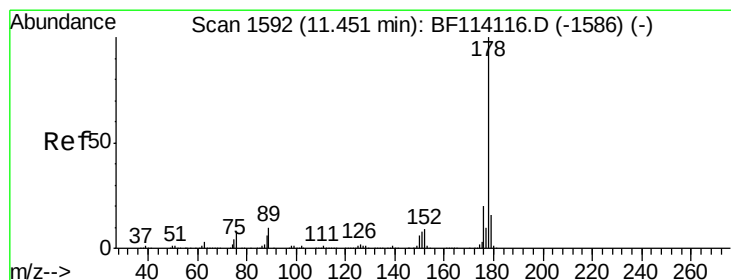
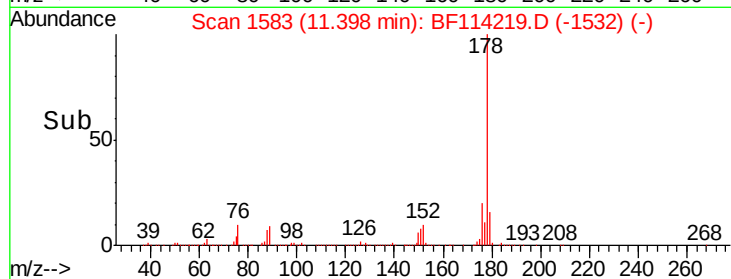
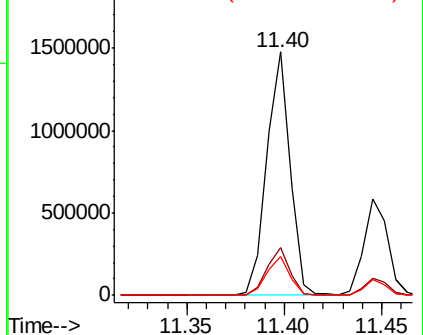
#71
Phenanthrene
Concen: 33.866 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion:178 Resp: 1222421
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 15.7 13.2 19.8

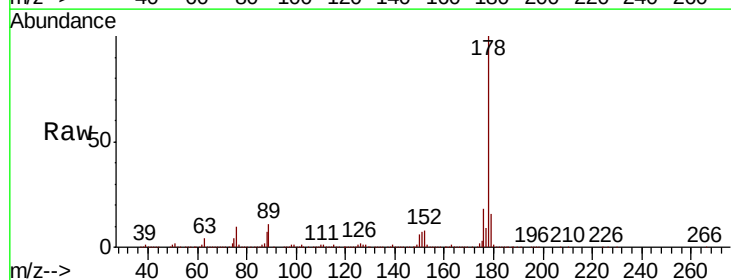


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

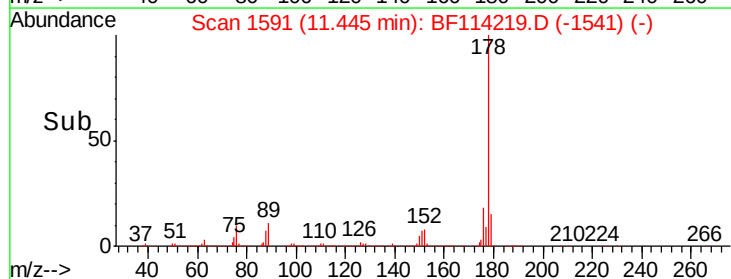
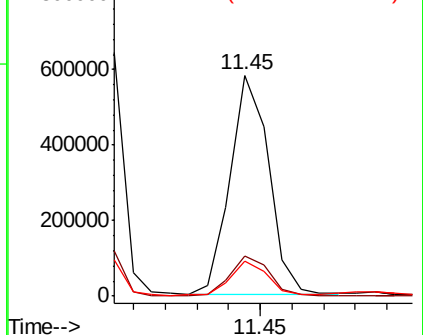


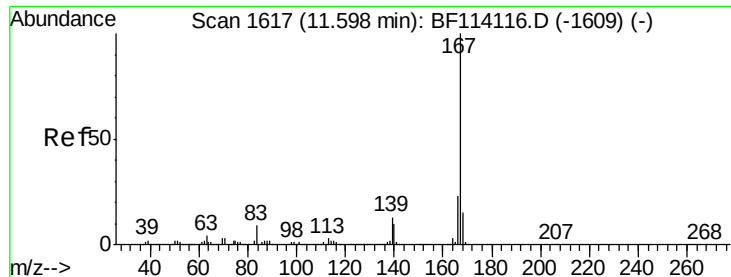
#72
Anthracene
Concen: 13.502 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion:178 Resp: 489494
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
800000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

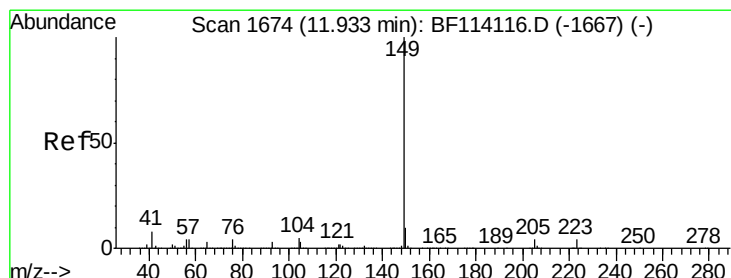
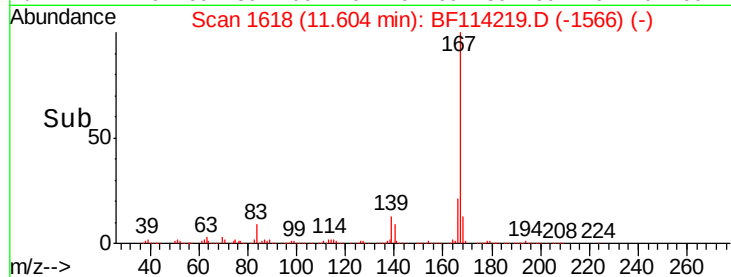
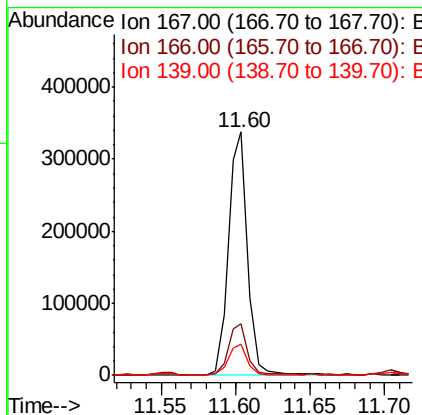
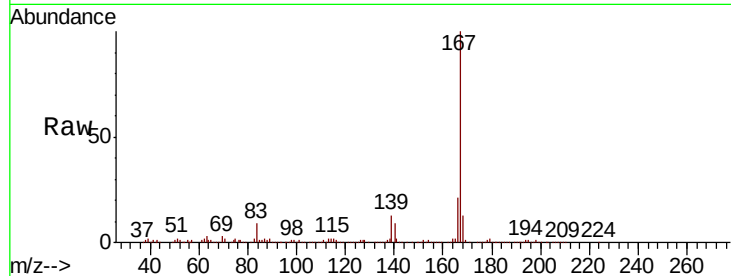




#73
 Carbazole
 Concen: 8.800 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

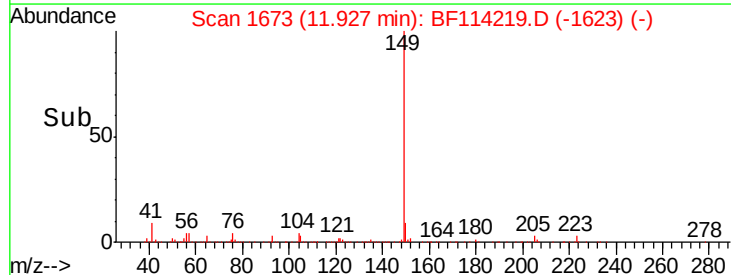
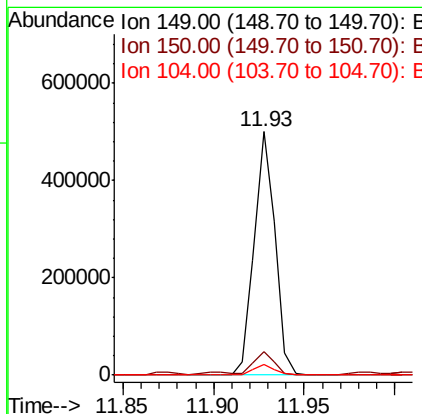
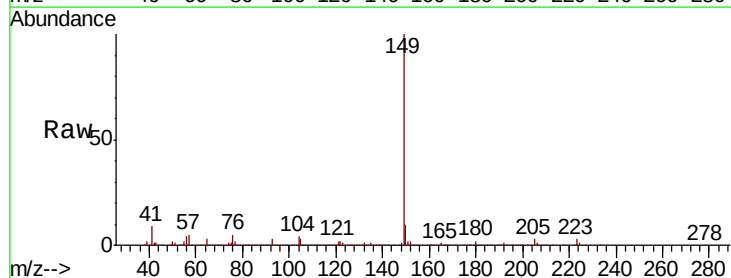
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

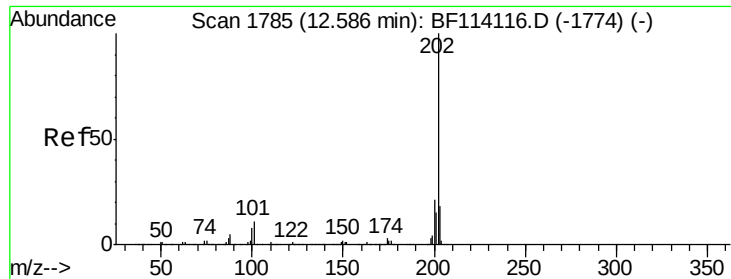
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 10.018 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 41.977 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

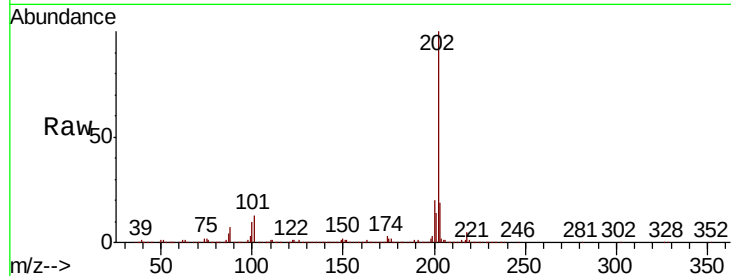
Tgt Ion:202 Resp: 1631640

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.0

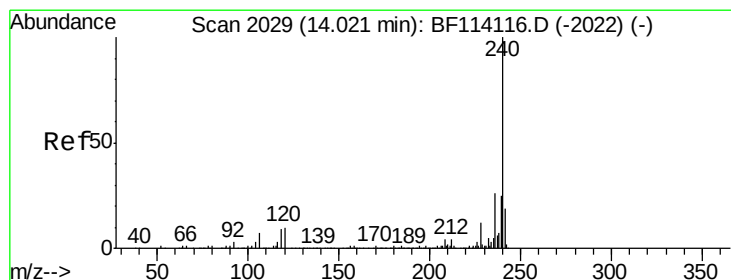
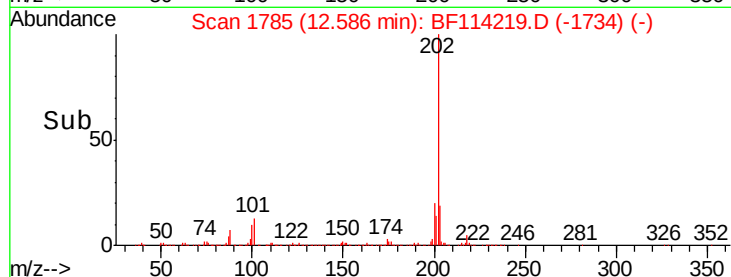
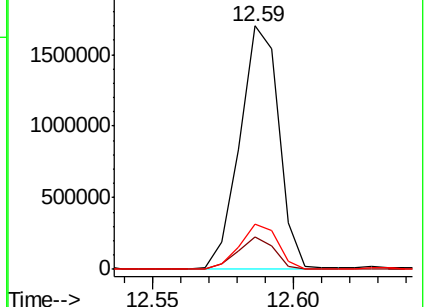
203 18.7 0.0 38.4



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: BF114219.D

Acq: 13 May 2019 3:51

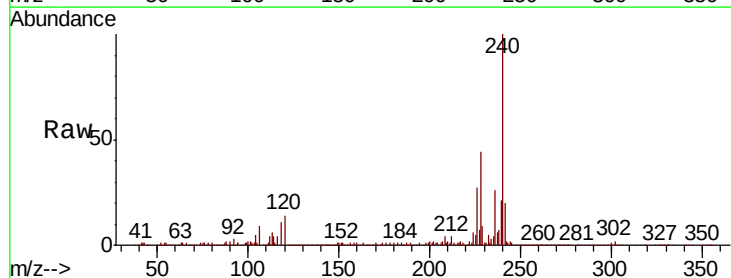
Tgt Ion:240 Resp: 524431

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

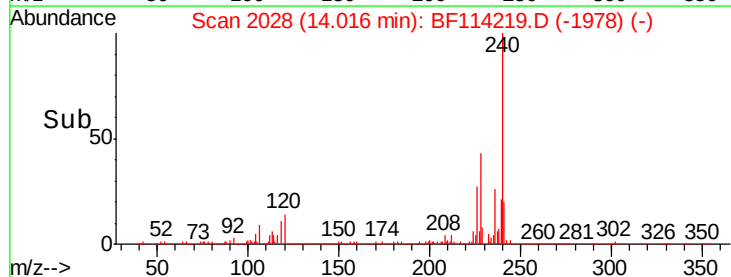
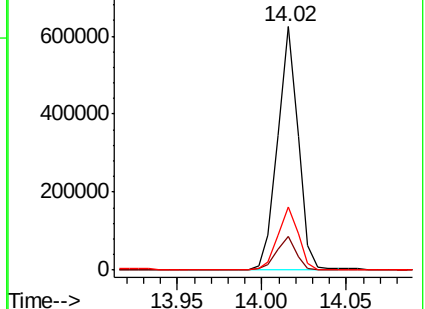
236 26.0 20.8 31.2

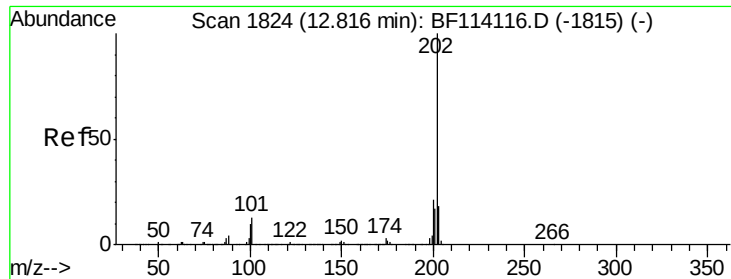


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

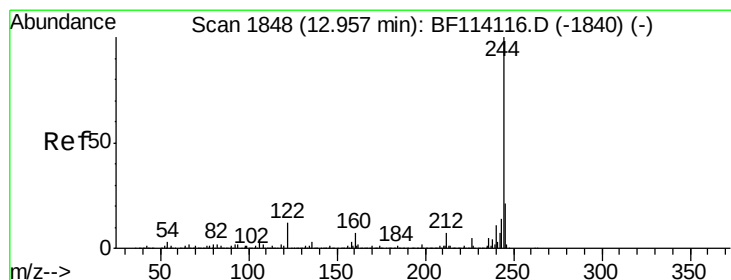
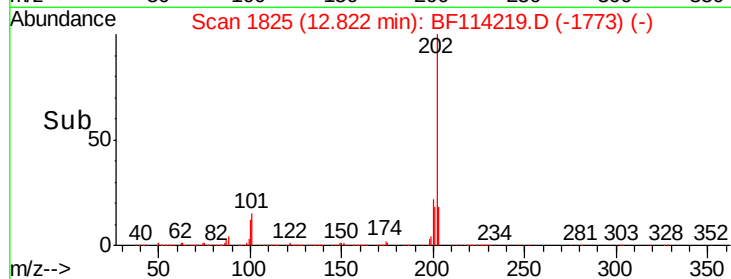
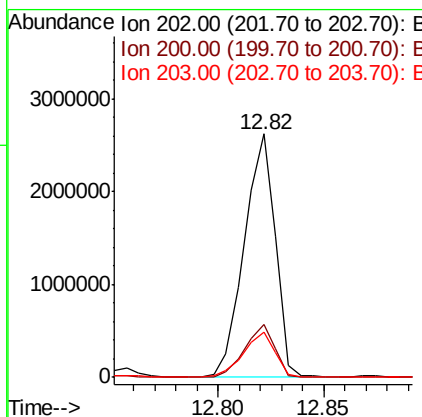
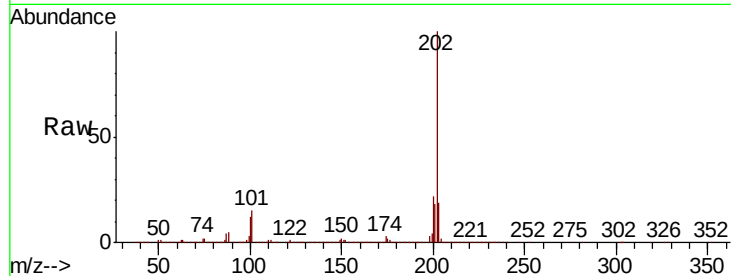




#78
 Pyrene
 Concen: 63.127 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

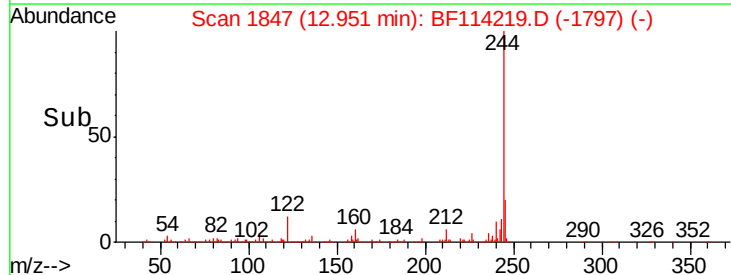
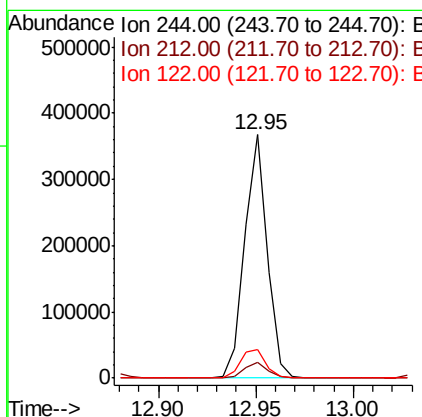
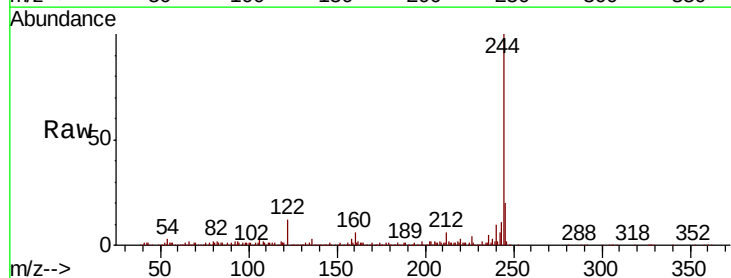
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

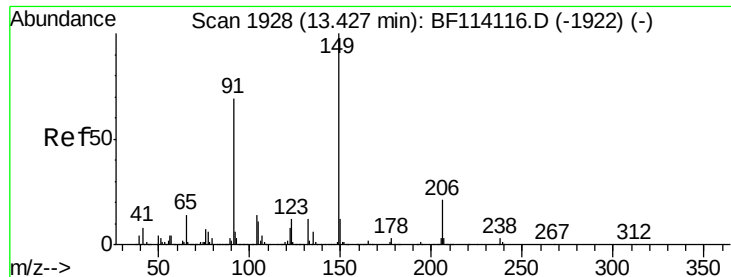
Tgt Ion:202 Resp: 2663183
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.9 25.3
 203 18.5 14.5 21.7



#79
 Terphenyl-d14
 Concen: 11.537 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114219.D
 Acq: 13 May 2019 3:51

Tgt Ion:244 Resp: 293496
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.6
 122 11.8 9.4 14.2

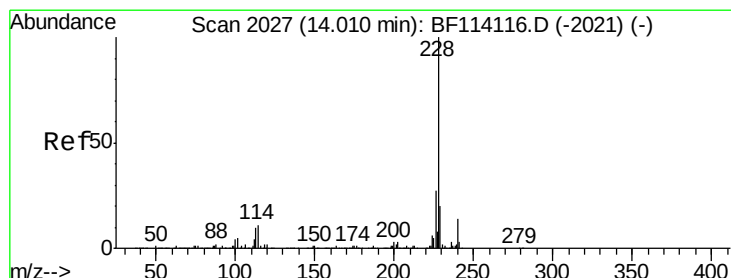
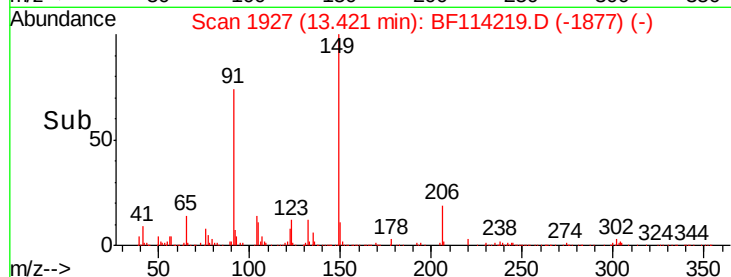
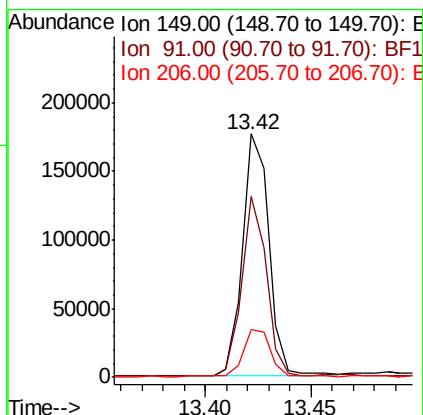
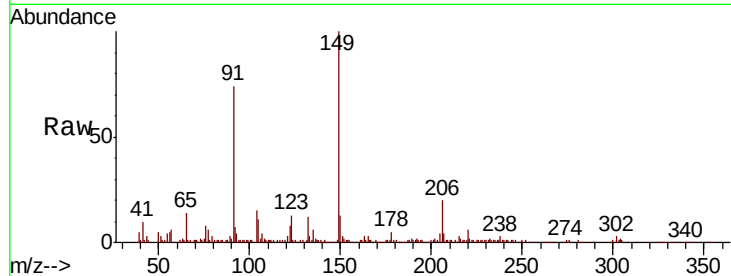




#80
Butylbenzylphthalate
Concen: 8.649 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

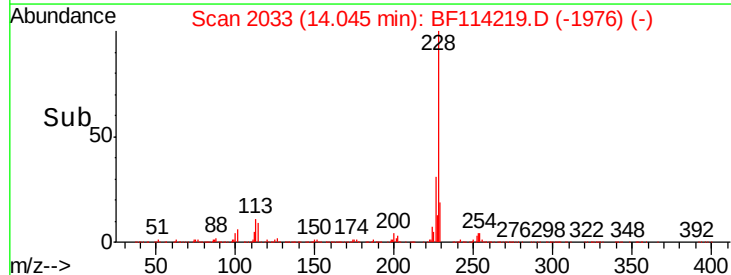
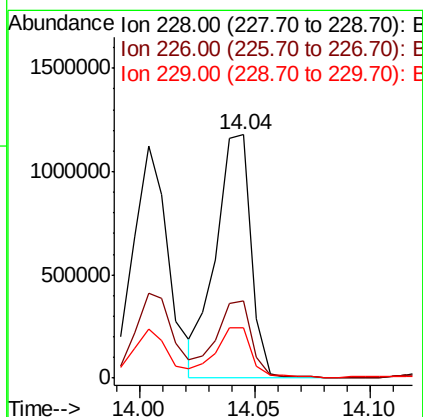
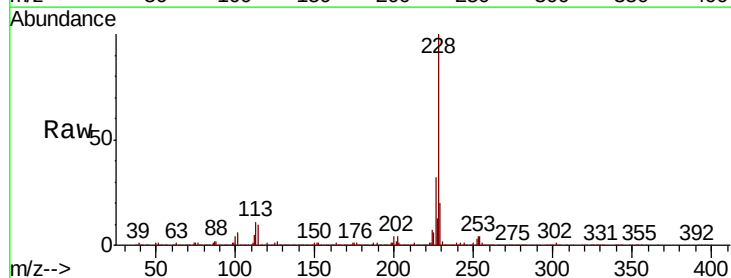
Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

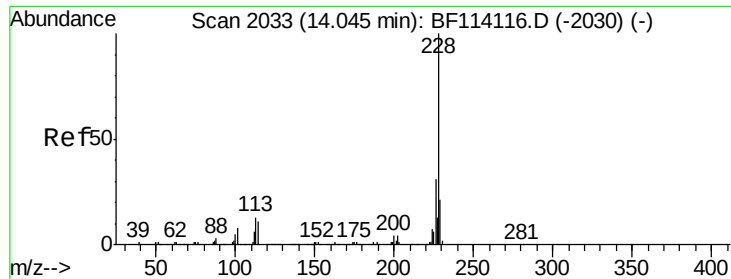
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	55.0	82.4
206	19.7	16.9	25.3



#81
Benzo(a)anthracene
Concen: 36.851 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.2	33.2
229	20.5	16.4	24.6





#83

Chrysene

Concen: 37.592 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

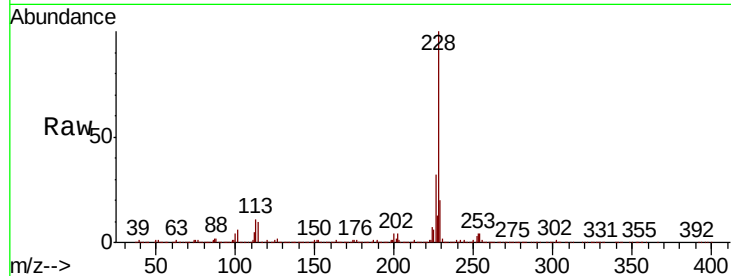
Tgt Ion:228 Resp: 1249974

Ion Ratio Lower Upper

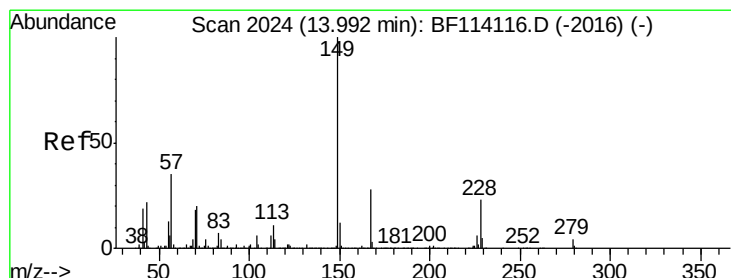
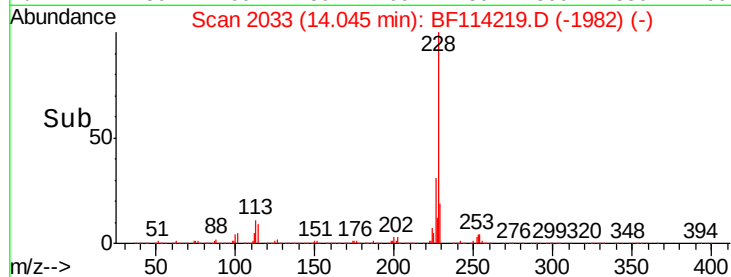
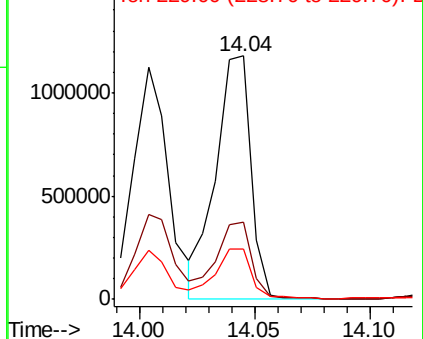
228 100

226 31.8 25.0 37.6

229 20.5 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.348 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

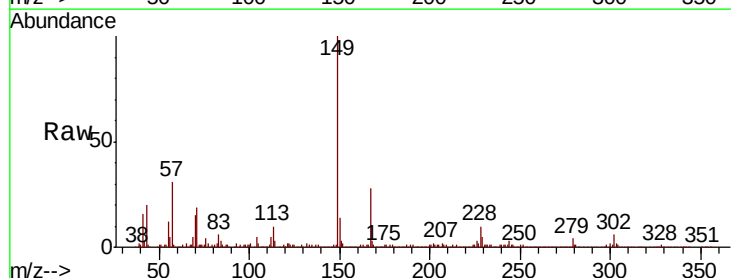
Tgt Ion:149 Resp: 217109

Ion Ratio Lower Upper

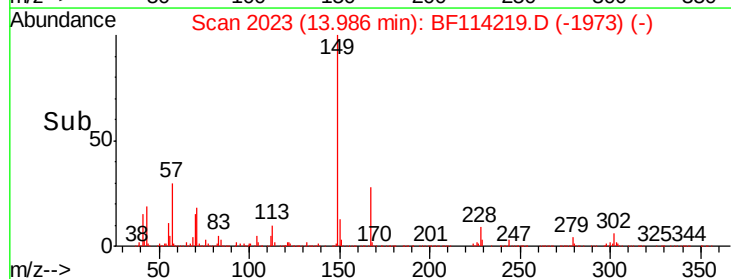
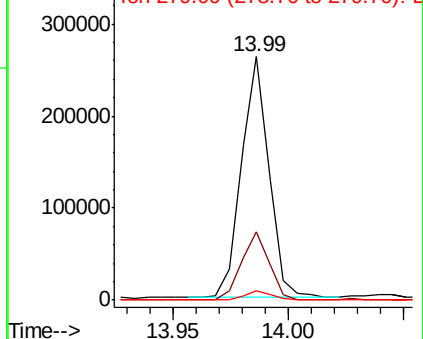
149 100

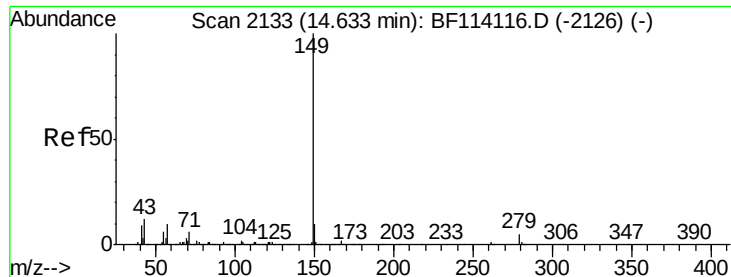
167 28.2 22.6 33.8

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: 9.514 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

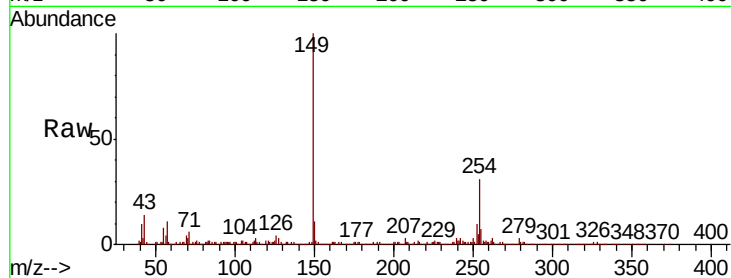
Tgt Ion:149 Resp: 358181

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

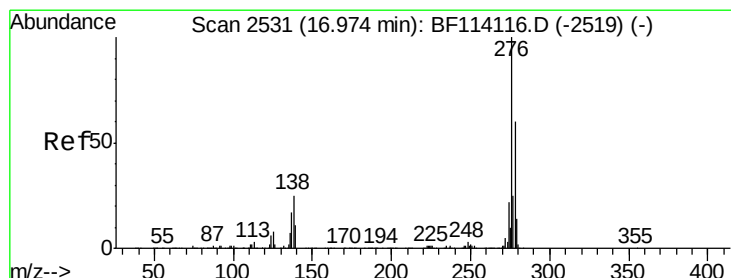
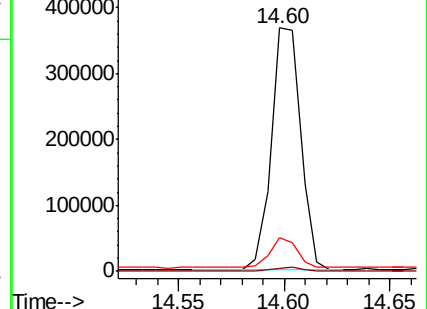
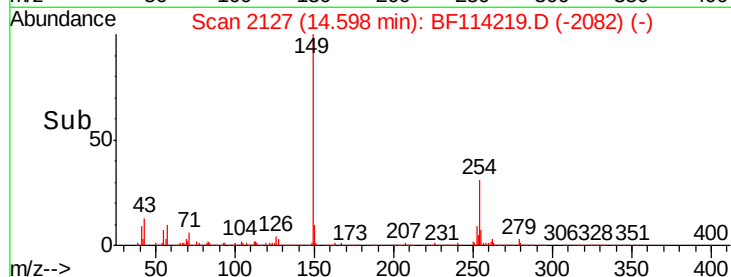
43 11.5 10.1 15.1



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: 20.251 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

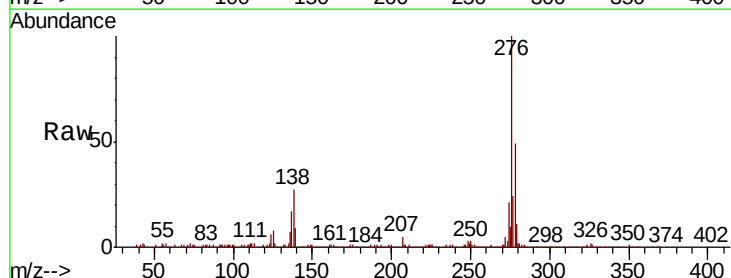
Tgt Ion:276 Resp: 595102

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

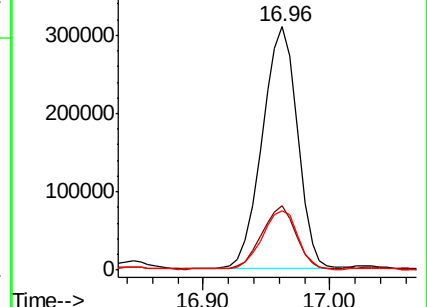
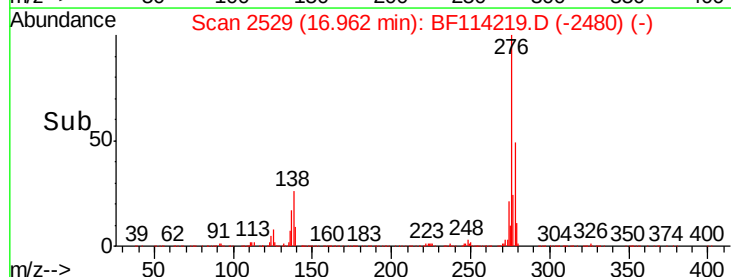
277 24.6 20.0 30.0

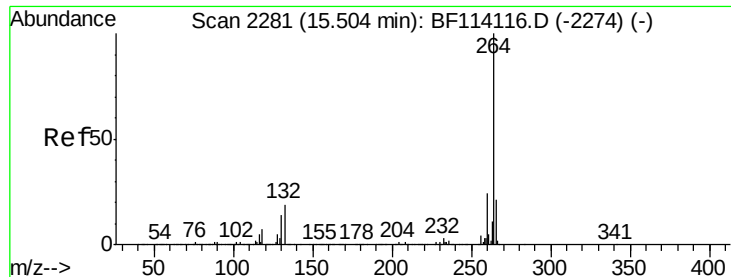


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

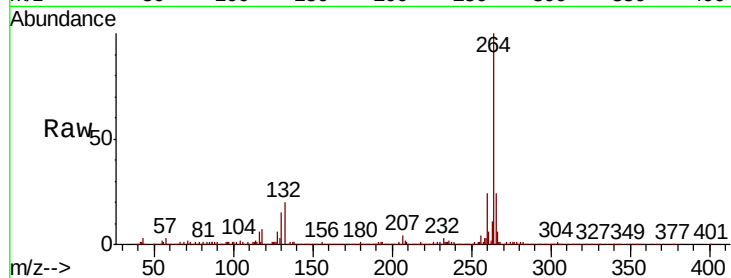
Tgt Ion:264 Resp: 532403

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

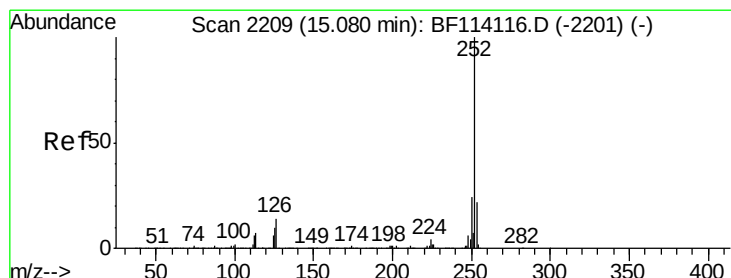
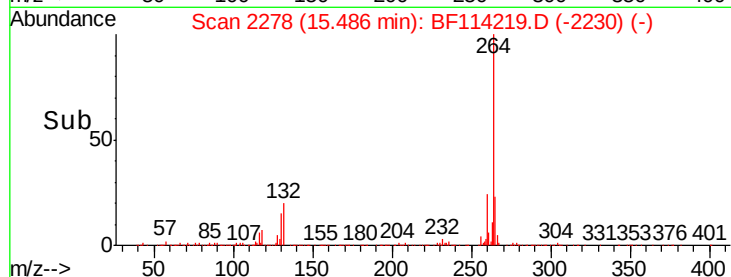
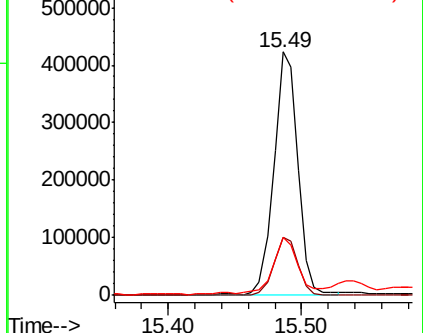
265 23.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.823 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

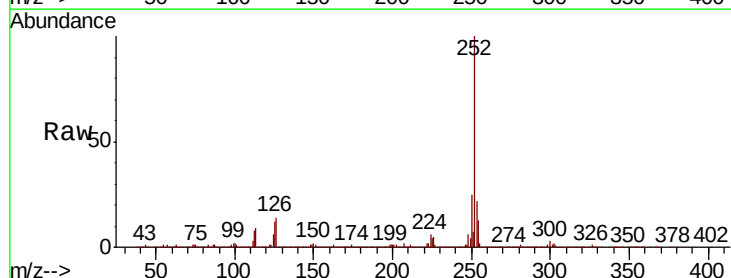
Tgt Ion:252 Resp: 1733494

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

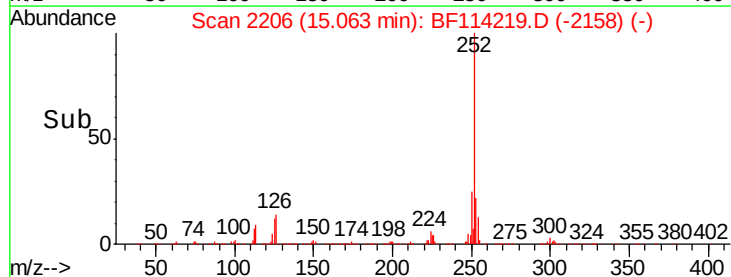
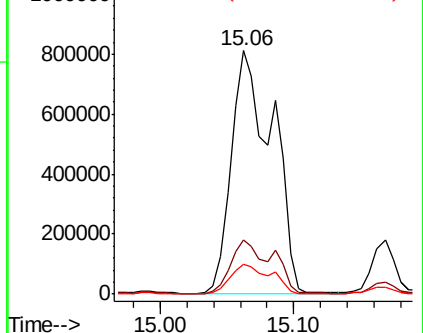
125 12.1 8.3 12.5

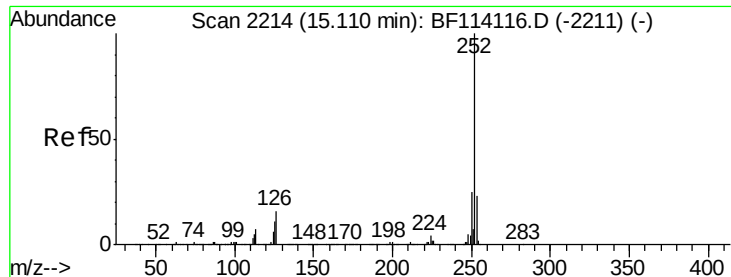


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 55.326 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.05 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

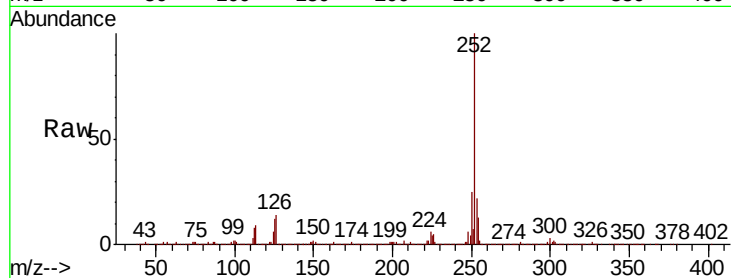
Tgt Ion:252 Resp: 1733494

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

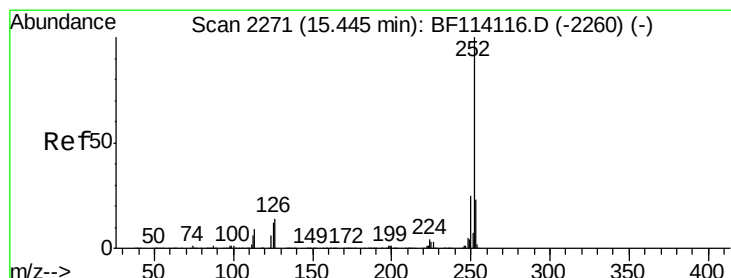
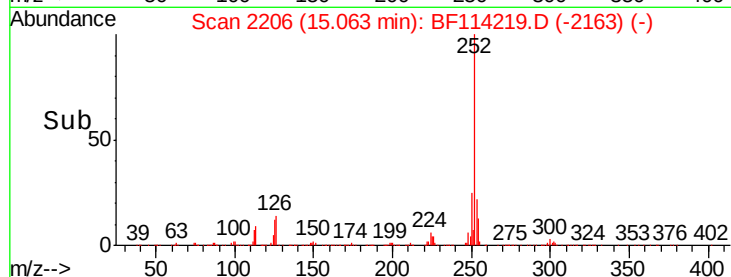
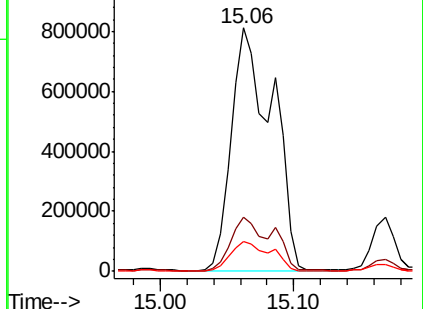
125 12.1 8.6 13.0



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



#90

Benzo(a)pyrene

Concen: 29.352 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114219.D

Acq: 13 May 2019 3:51

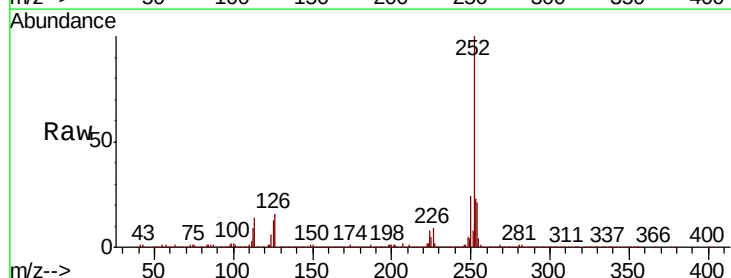
Tgt Ion:252 Resp: 881109

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

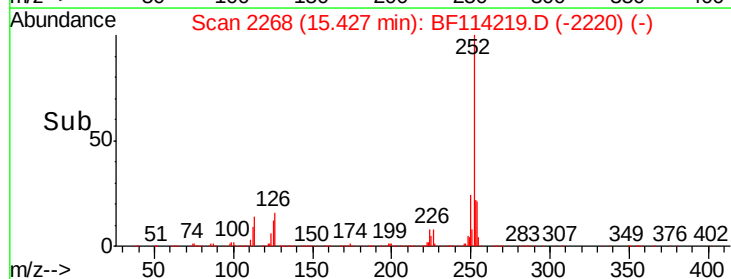
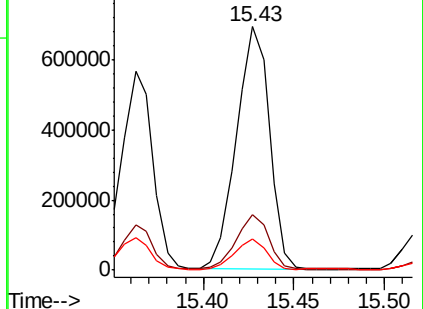
125 12.6 9.5 14.3

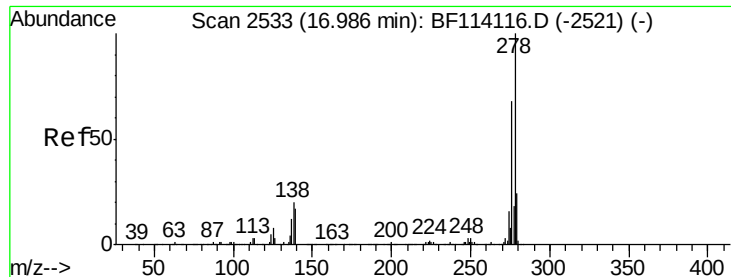


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



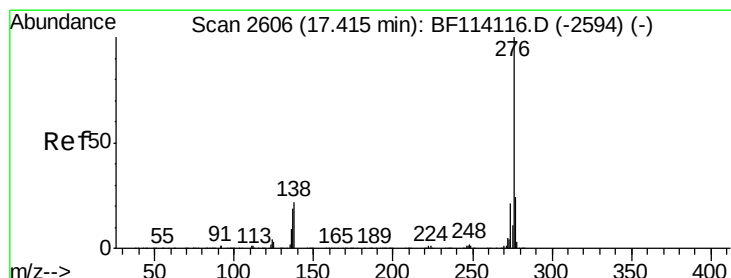
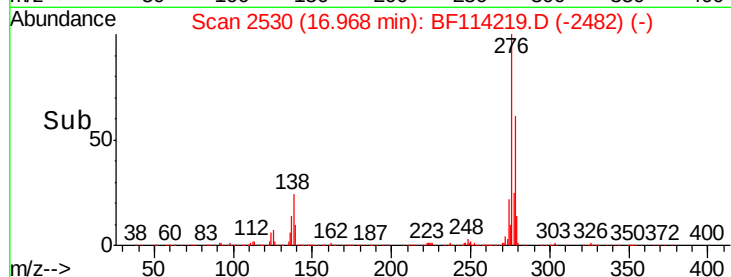
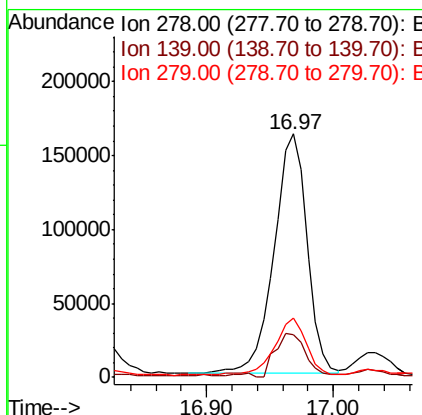
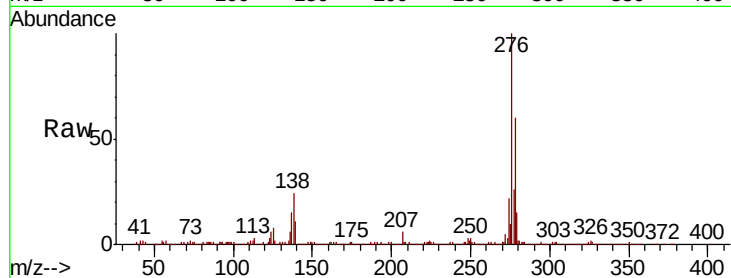


#91
Dibenzo(a,h)anthracene
Concen: 11.726 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tgt Ion: 278 Resp: 292495

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 24.092 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF114219.D
Acq: 13 May 2019 3:51

Tgt Ion: 276 Resp: 602254

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	23.6	17.8	26.6

