

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114118.D
 Acq On : 10 May 2019 11:25
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: May 10 11:49:43 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 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	317643	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1243967	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	578040	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1128552	20.00	ng	0.00
76) Chrysene-d12	14.02	240	756926	20.00	ng	0.00
87) Perylene-d12	15.50	264	715142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2399681	122.50	ng	0.00
7) Phenol-d6	6.50	99	2726288	110.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	2615970	115.61	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	667139	91.70	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4003082	110.42	ng	0.00
79) Terphenyl-d14	12.96	244	3995197	104.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	676952	65.364	ng	99
3) Pyridine	3.40	79	1861371	69.650	ng	99
4) n-Nitrosodimethylamine	3.37	42	908738	100.705	ng	98
6) Aniline	6.52	93	1991216	60.342	ng	100
8) 2-Chlorophenol	6.65	128	1245704	55.997	ng	98
9) Benzaldehyde	6.40	77	930652	68.894	ng	99
10) Phenol	6.51	94	1592260	55.524	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	1247058	56.016	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1393411	56.853	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1399179	56.851	ng	98
14) 1,2-Dichlorobenzene	7.03	146	1277829	58.051	ng	98
15) Benzyl Alcohol	7.00	79	1090275	59.318	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2381297	106.240	ng	99
17) 2-Methylphenol	7.11	107	1026098	61.276	ng	98
18) Hexachloroethane	7.37	117	524132	62.340	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	875074	58.732	ng	99
20) 3+4-Methylphenols	7.27	107	1129730	55.044	ng	95
22) Acetophenone	7.27	105	1573141	53.829	ng	96
24) Nitrobenzene	7.44	77	1341316	55.948	ng	98
25) Isophorone	7.68	82	2398055	54.426	ng	100
26) 2-Nitrophenol	7.75	139	670256	54.553	ng	94
27) 2,4-Dimethylphenol	7.79	122	1012545	60.840	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1547454	57.452	ng	100
29) 2,4-Dichlorophenol	8.00	162	1002809	52.228	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	1146882	53.067	ng	100
31) Naphthalene	8.16	128	3332327	55.329	ng	99
32) Benzoic acid	7.94	122	771999	67.250	ng	96
33) 4-Chloroaniline	8.20	127	1538312	62.529	ng	97
34) Hexachlorobutadiene	8.28	225	657625	49.468	ng	98
35) Caprolactam	8.59	113	353672	62.429	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	1044724	55.385	ng	100
37) 2-Methylnaphthalene	8.85	142	2208118	54.908	ng	99
38) 1-Methylnaphthalene	8.95	142	2078690	53.432	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1015223	56.238	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	488245	65.870	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	711714	61.367	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	745627	58.442	nq	94
46) 1,1'-Biphenyl	9.32	154	2613352	60.698	nq	99
47) 2-Chloronaphthalene	9.34	162	2147187	61.197	nq	98
48) 2-Nitroaniline	9.43	65	791736	81.220	nq	98
49) Acenaphthylene	9.76	152	3240134	58.568	nq	99
50) Dimethylphthalate	9.62	163	2448972	58.654	nq	98
51) 2,6-Dinitrotoluene	9.67	165	564899	59.698	nq	97
52) Acenaphthene	9.93	154	2098607	65.412	nq	99
53) 3-Nitroaniline	9.85	138	689561	69.574	nq	97
54) 2,4-Dinitrophenol	9.95	184	282971	66.300	nq	93
55) Dibenzofuran	10.10	168	2828622	56.063	nq	99
56) 4-Nitrophenol	10.01	139	490841	65.213	nq	90
57) 2,4-Dinitrotoluene	10.08	165	740200	57.699	nq	96
58) Fluorene	10.44	166	2172770	56.222	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	636639	56.173	nq	99
60) Diethylphthalate	10.31	149	2390113	58.298	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	1061959	53.092	nq	95
62) 4-Nitroaniline	10.46	138	702068	68.519	nq	98
63) Azobenzene	10.59	77	2302721	58.597	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	357708	56.057	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1999598	56.757	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	718161	51.240	nq	96
68) Hexachlorobenzene	10.99	284	789381	51.301	nq	97
69) Atrazine	11.07	200	622015	52.640	nq	99
70) Pentachlorophenol	11.18	266	410624	50.201	nq	99
71) Phenanthrene	11.40	178	3144291	55.083	nq	98
72) Anthracene	11.45	178	3162760	54.872	nq	98
73) Carbazole	11.60	167	2997237	58.918	nq	97
74) Di-n-butylphthalate	11.93	149	3463887	55.795	nq	97
75) Fluoranthene	12.59	202	3400699	56.134	nq	96
77) Benzidine	12.70	184	1903020	87.338	nq	98
78) Pyrene	12.82	202	3468798	65.864	nq	98
80) Butylbenzylphthalate	13.43	149	1580639	69.576	nq	95
81) Benzo(a)anthracene	14.01	228	2842761	57.975	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	1131614	63.006	nq	98
83) Chrysene	14.05	228	2798387	58.543	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1992093	62.735	nq	100
85) Di-n-octyl phthalate	14.63	149	3259857	61.948	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2483003	56.353	nq	100
88) Benzo(b)fluoranthene	15.07	252	2878155	64.773	nq	98
89) Benzo(k)fluoranthene	15.11	252	2309979	58.911	nq	99
90) Benzo(a)pyrene	15.44	252	2376651	60.837	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1993307	60.712	nq	99
92) Benzo(g,h,i)perylene	17.42	276	2041918	63.119	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

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SSTDICC060

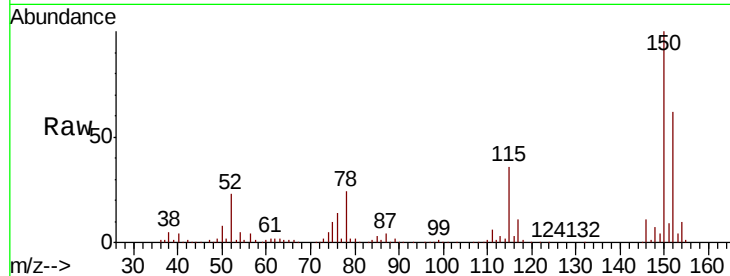
Tot Ion:152 Resp: 317643

Ion Ratio Lower Upper

152 100

150 161.1 124.3 186.5

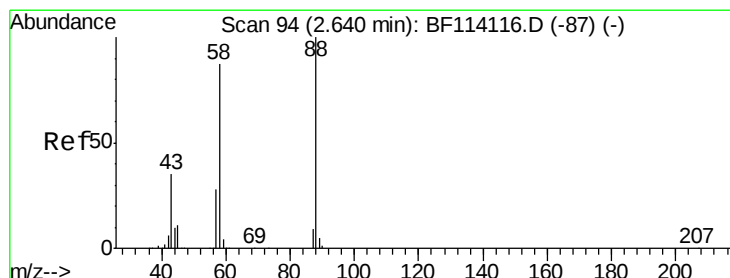
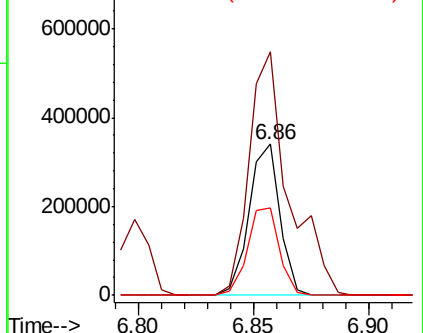
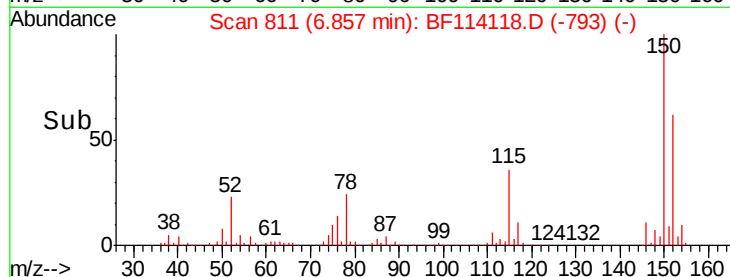
115 58.0 49.1 73.7



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: 65.364 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

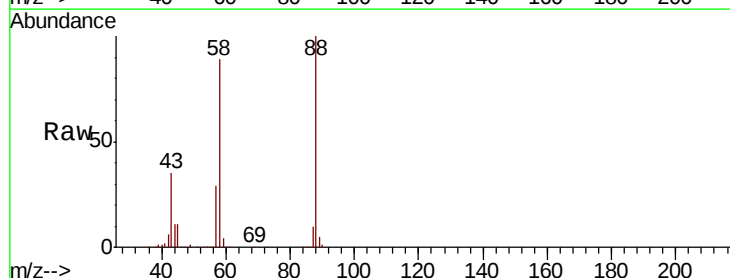
Tgt Ion: 88 Resp: 676952

Ion Ratio Lower Upper

88 100

58 86.5 68.7 103.1

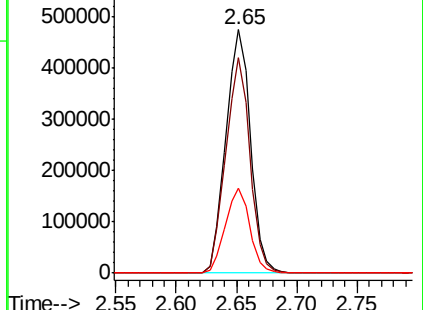
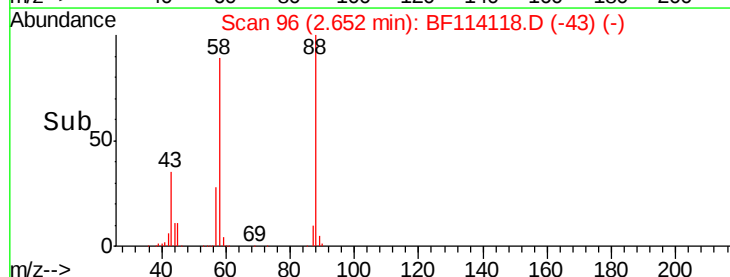
43 34.7 28.2 42.2

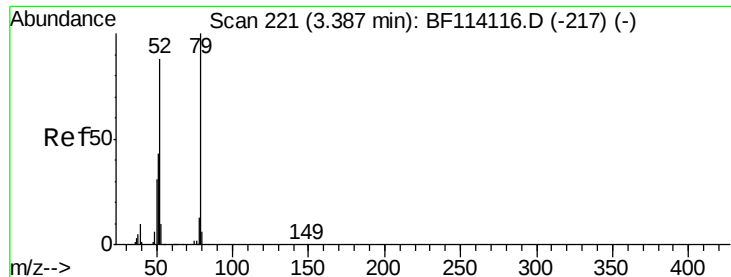


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

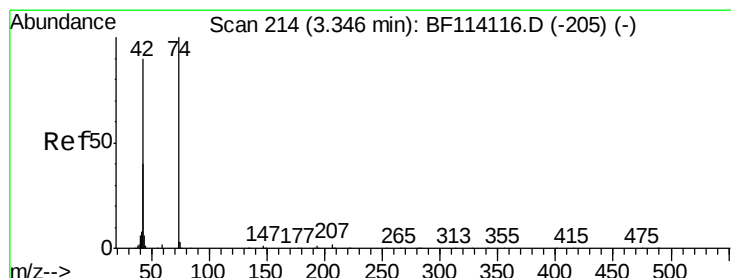
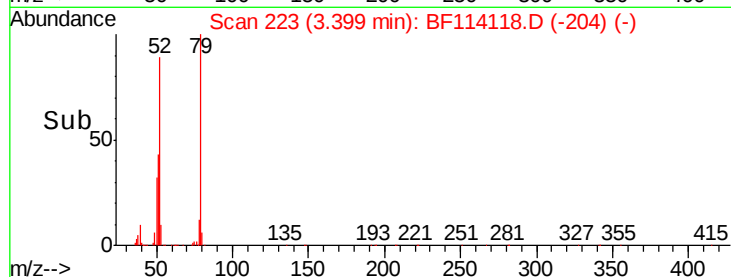
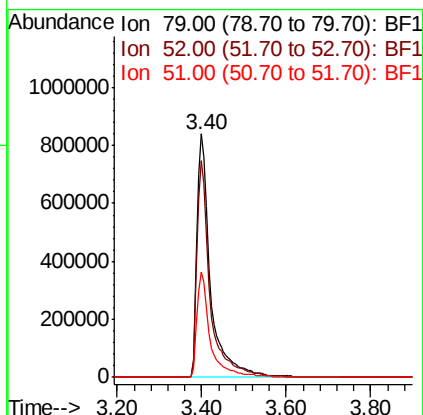
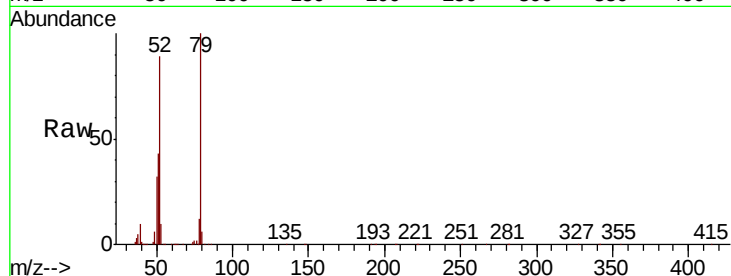




#3
 Pvridine
 Concen: 69.650 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

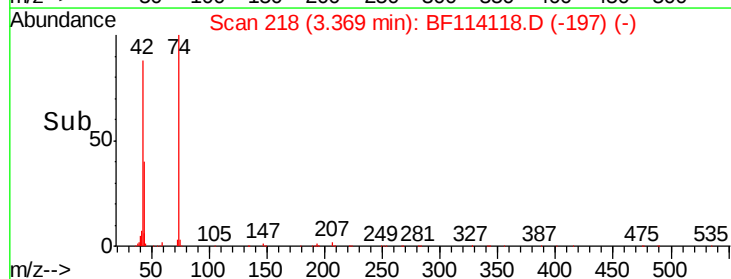
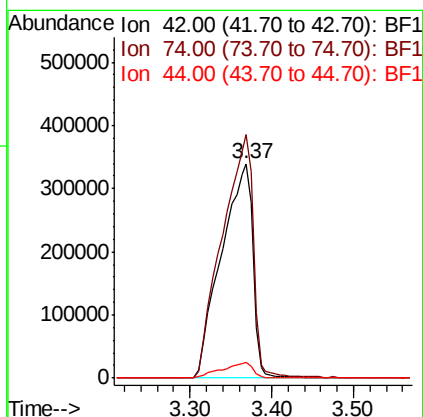
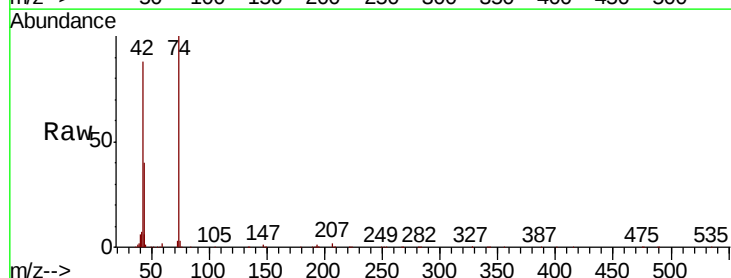
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 79 Resp: 1861371
 Ion Ratio Lower Upper
 79 100
 52 89.1 70.6 105.8
 51 43.4 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 100.705 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.02 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion: 42 Resp: 908738
 Ion Ratio Lower Upper
 42 100
 74 113.4 88.6 132.8
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 122.499 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

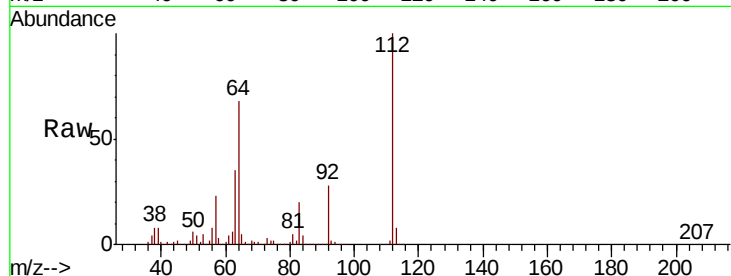
Tot Ion:112 Resp: 2399681

Ion Ratio Lower Upper

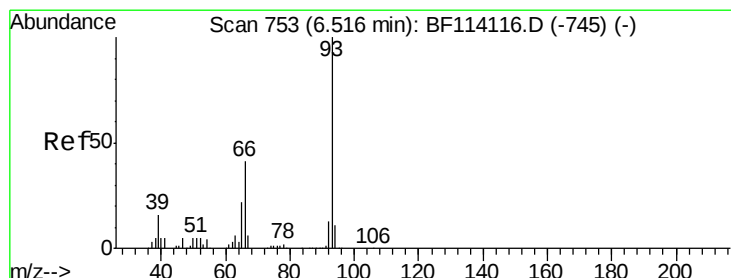
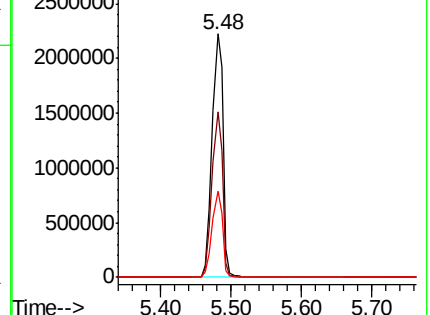
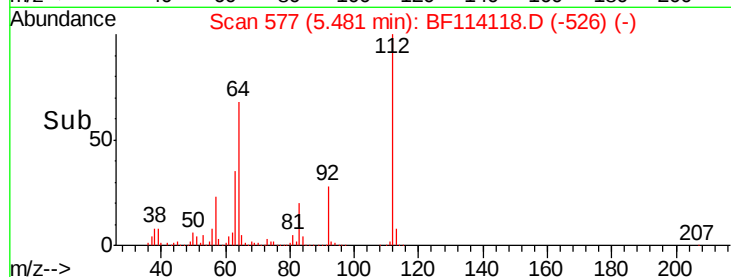
112 100

64 68.0 49.0 73.6

63 35.4 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: 60.342 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

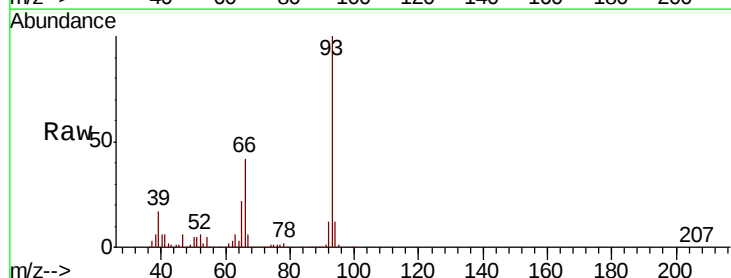
Tgt Ion: 93 Resp: 1991216

Ion Ratio Lower Upper

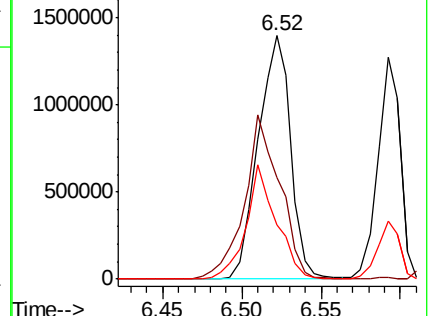
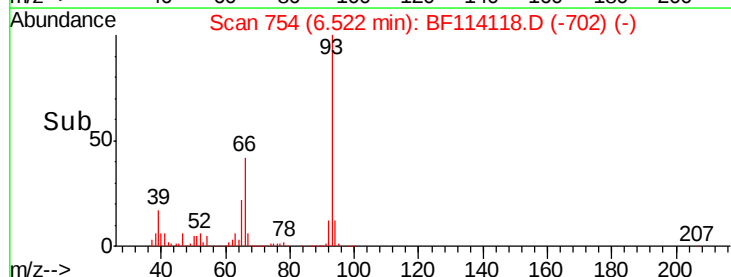
93 100

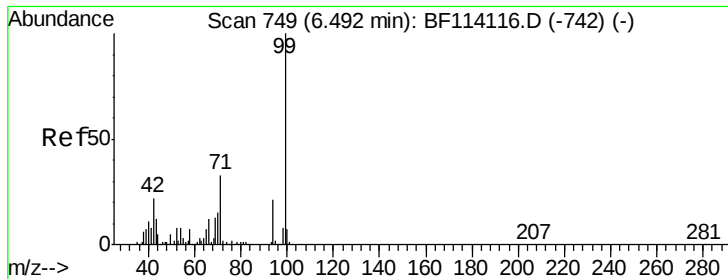
66 41.6 33.2 49.8

65 22.0 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: 110.798 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

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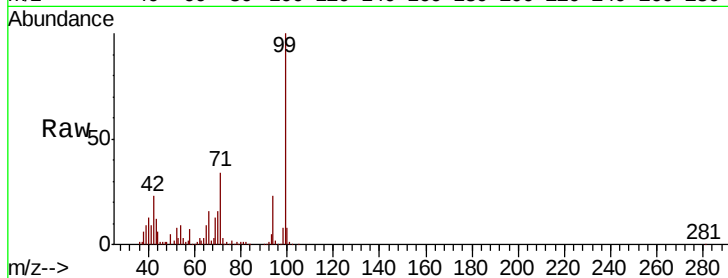
Tot Ion: 99 Resp: 2726288

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

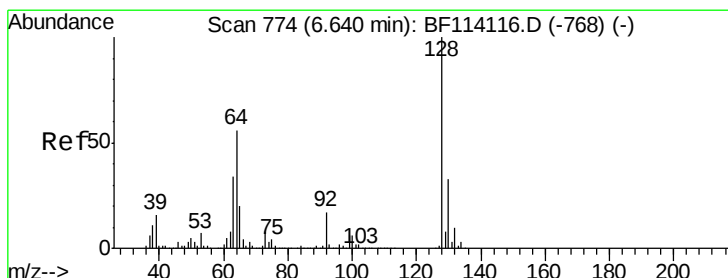
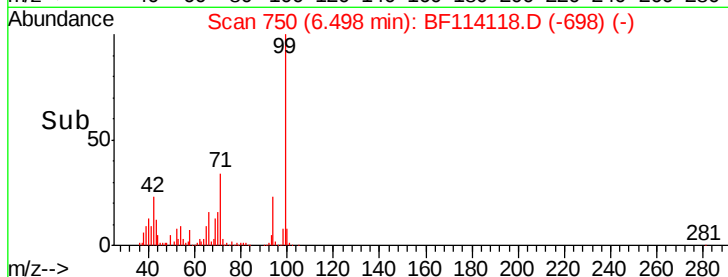
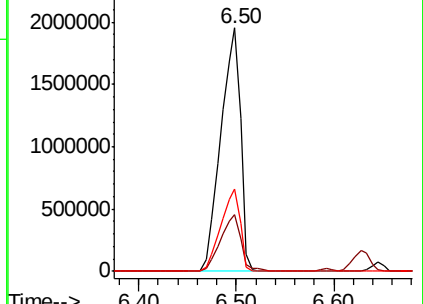
71 34.0 26.2 39.2



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: 55.997 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

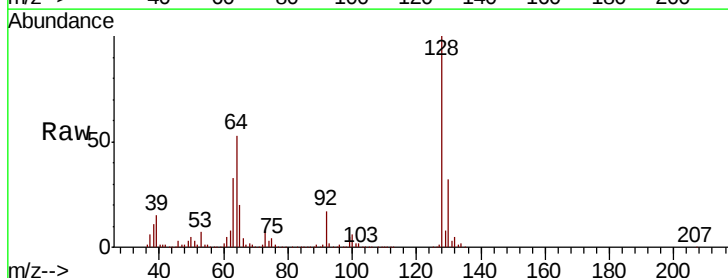
Tgt Ion:128 Resp: 1245704

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

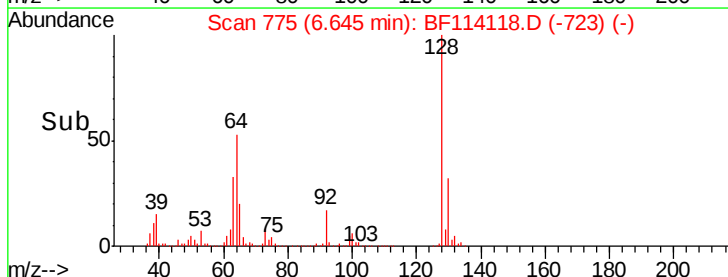
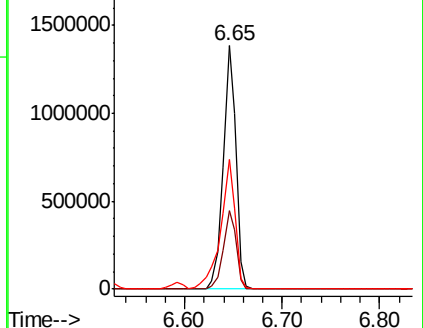
64 53.3 35.9 75.9

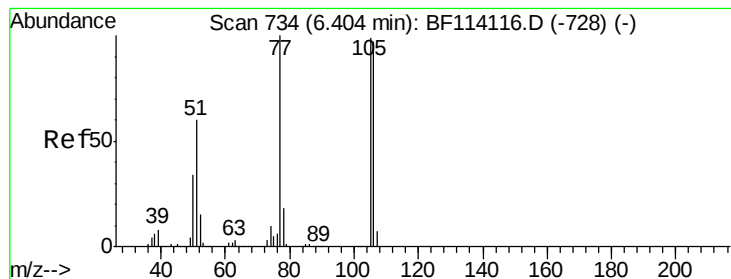


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 68.894 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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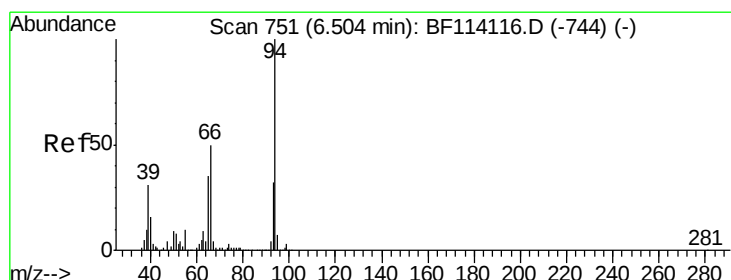
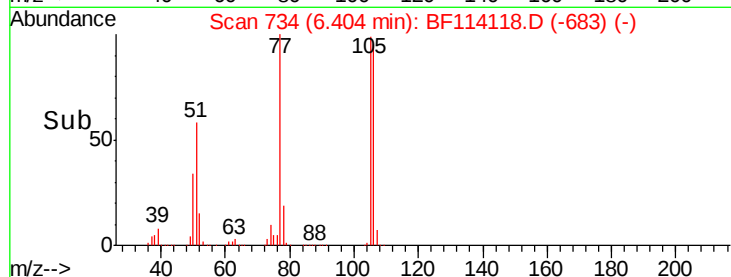
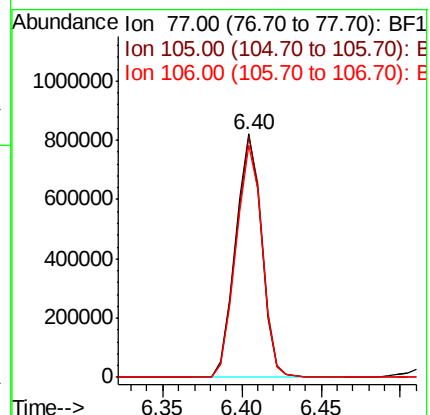
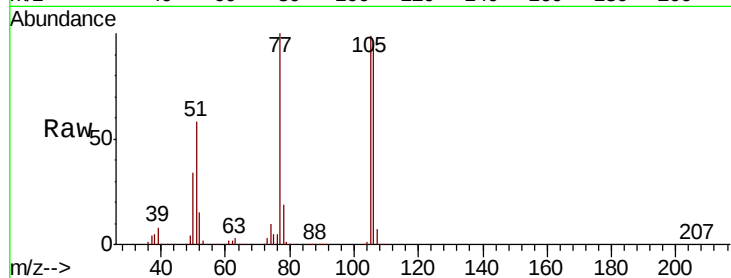
Tot Ion: 77 Resp: 930652

Ion Ratio Lower Upper

77 100

105 99.2 79.3 119.3

106 95.3 77.0 117.0



#10

Phenol

Concen: 55.524 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

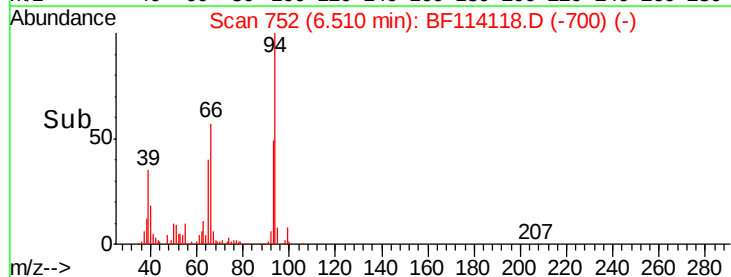
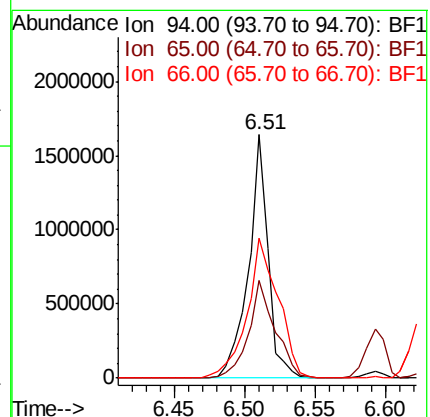
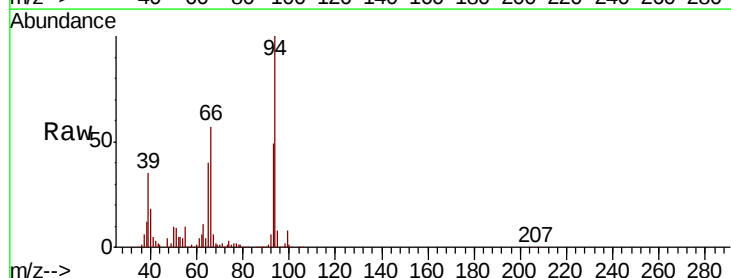
Tgt Ion: 94 Resp: 1592260

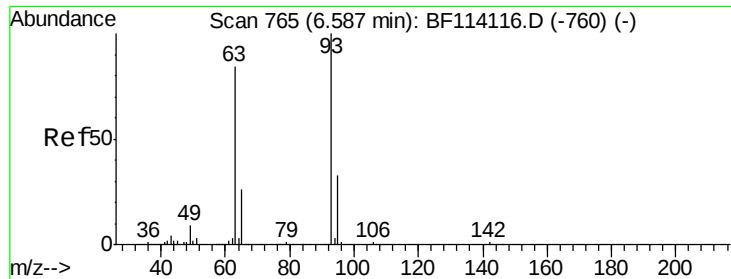
Ion Ratio Lower Upper

94 100

65 40.0 14.7 54.7

66 57.3 29.6 69.6

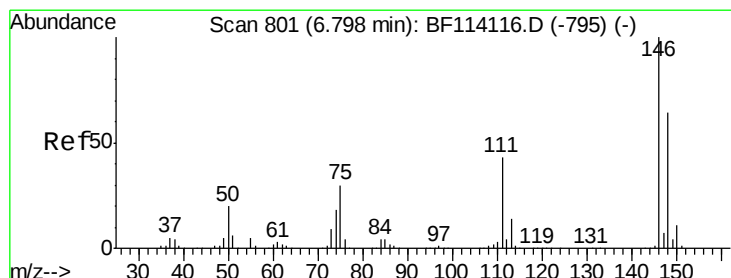
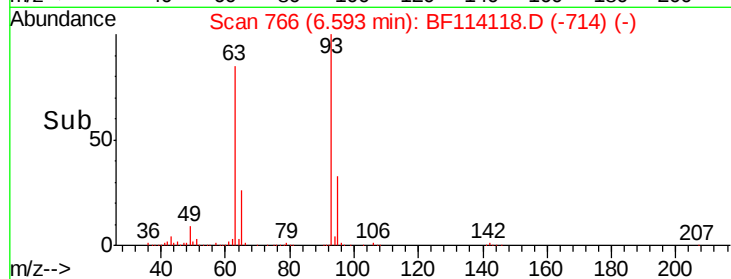
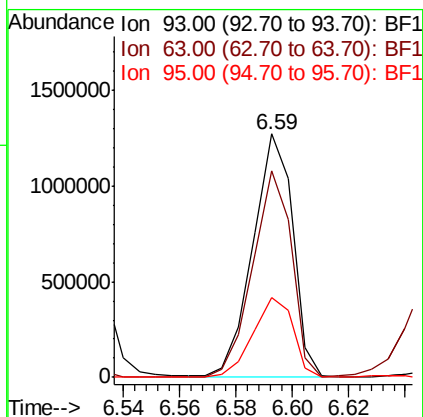
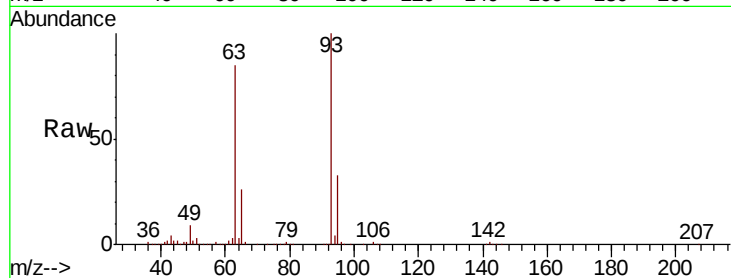




#11
bis(2-Chloroethyl)ether
Concen: 56.016 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

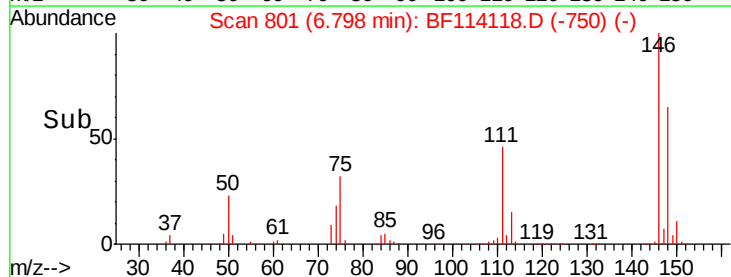
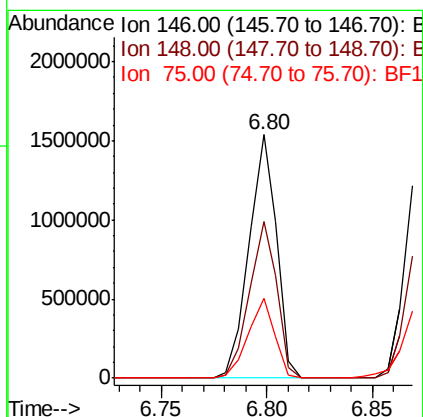
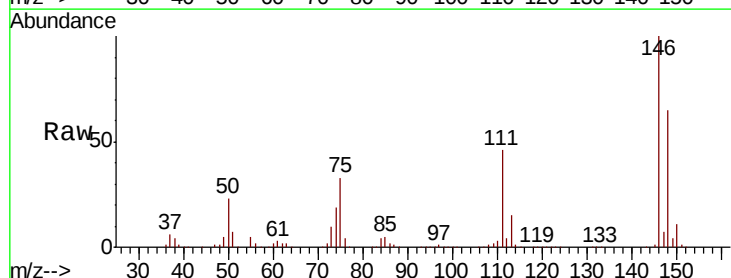
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

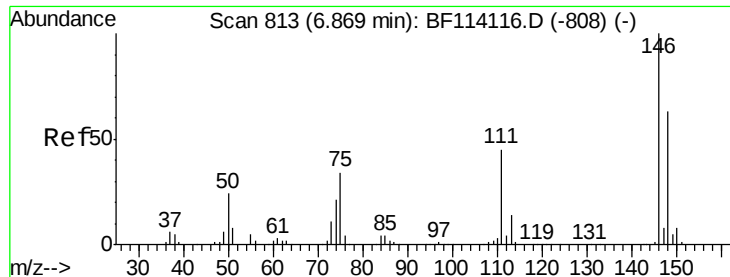
Tot Ion: 93 Resp: 1247058
Ion Ratio Lower Upper
93 100
63 84.6 63.6 103.6
95 32.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 56.853 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 146 Resp: 1393411
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 32.6 24.2 36.2

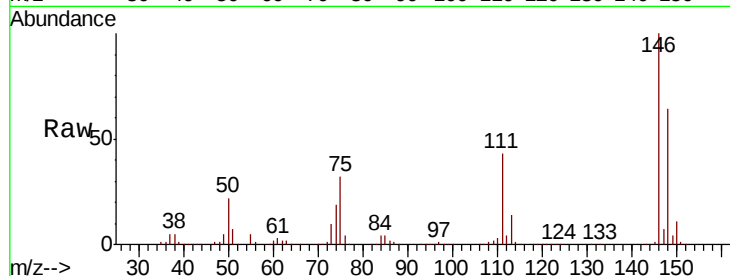




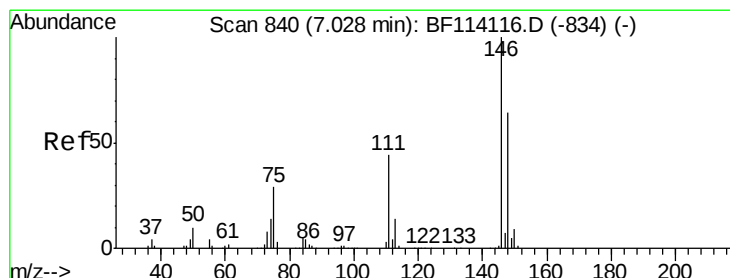
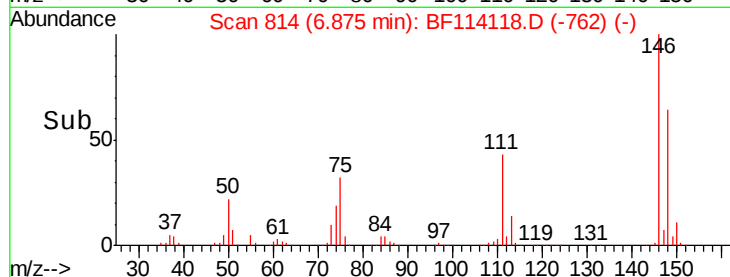
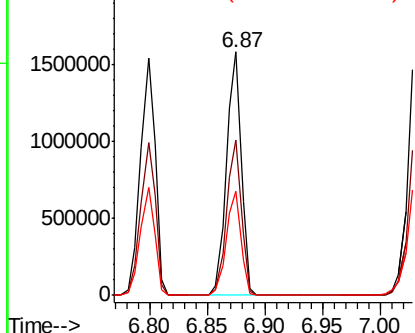
#13
 1,4-Dichlorobenzene
 Concen: 56.851 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:146 Resp: 1399179
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 42.7 35.8 53.6

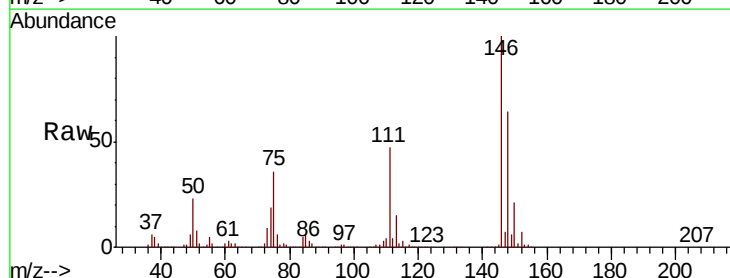


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

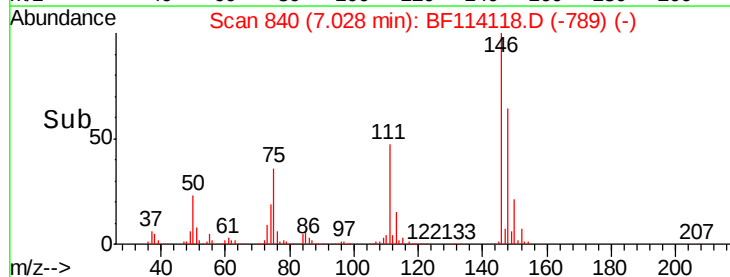
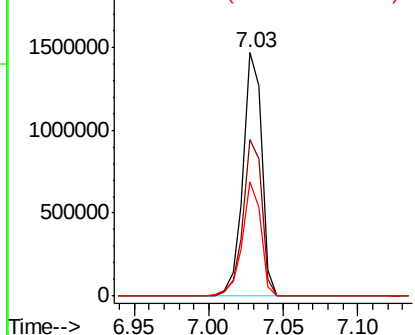


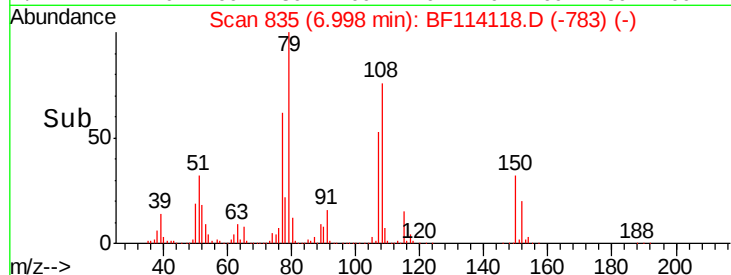
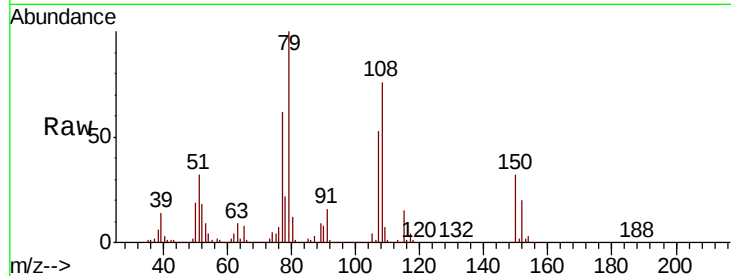
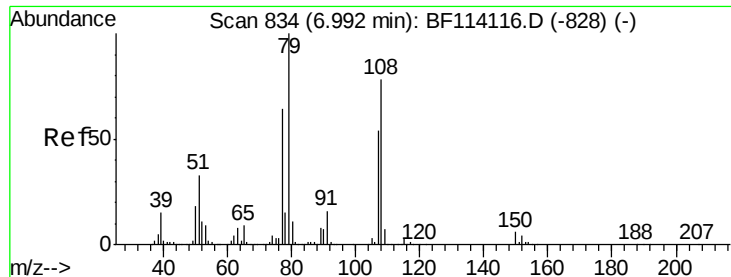
#14
 1,2-Dichlorobenzene
 Concen: 58.051 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:146 Resp: 1277829
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 46.9 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 59.318 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

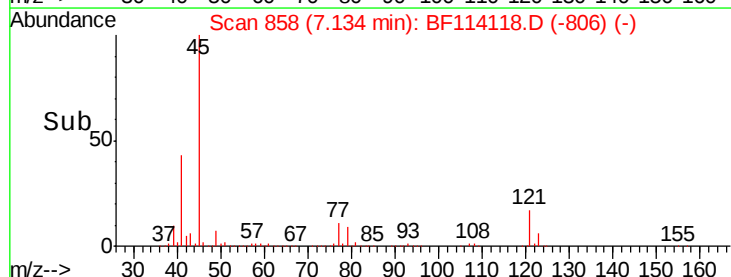
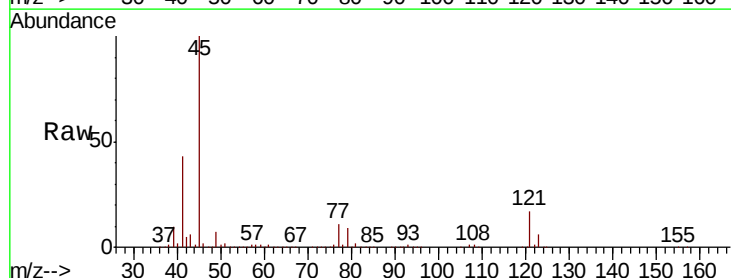
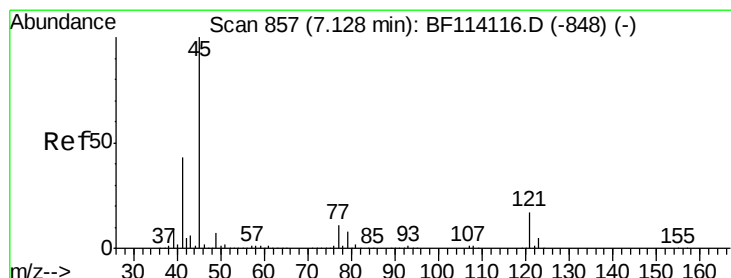
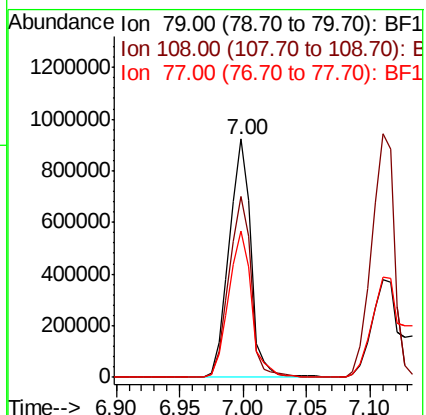
Tot Ion: 79 Resp: 1090275

Ion Ratio Lower Upper

79 100

108 76.1 62.1 93.1

77 61.7 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 106.240 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

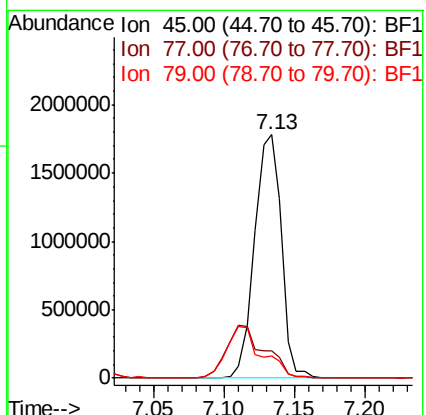
Tgt Ion: 45 Resp: 2381297

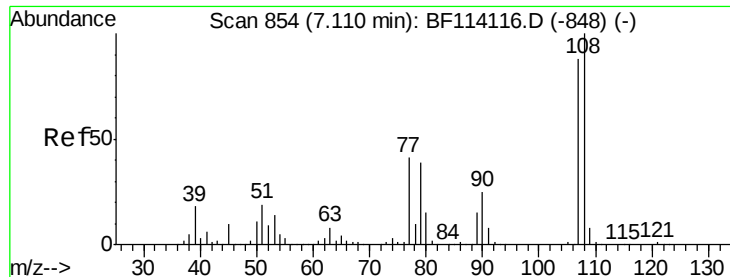
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.1

79 8.9 0.0 28.4

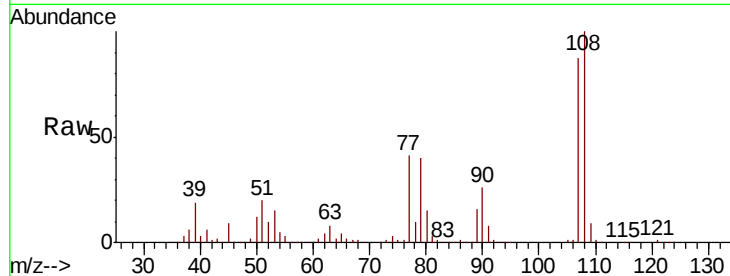




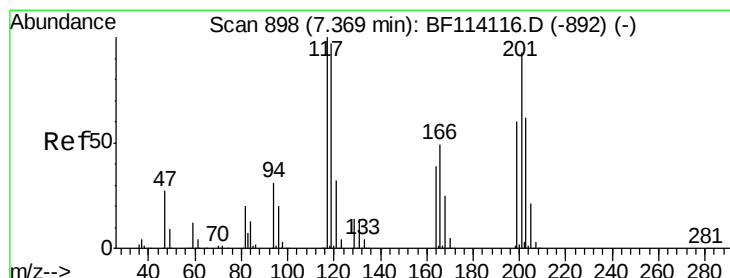
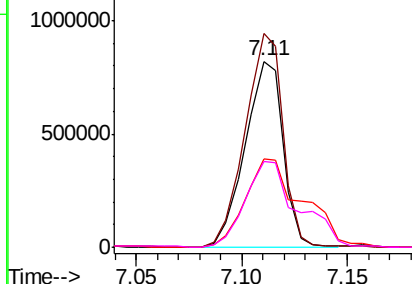
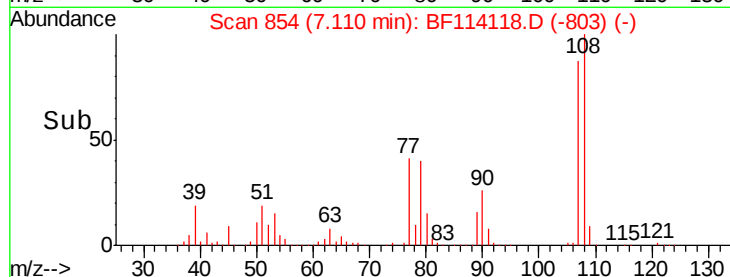
#17
2-Methylphenol
Concen: 61.276 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:107 Resp: 1026098
Ion Ratio Lower Upper
107 100
108 115.0 90.5 135.7
77 47.4 37.0 55.4
79 46.3 35.8 53.8

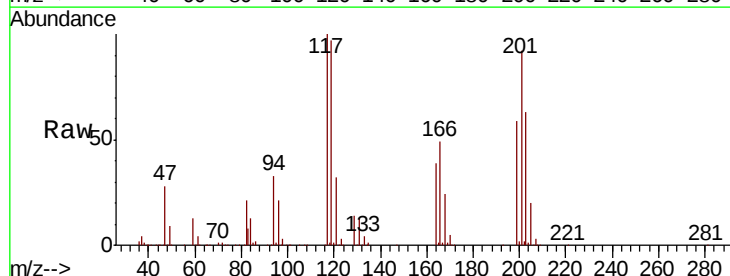


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

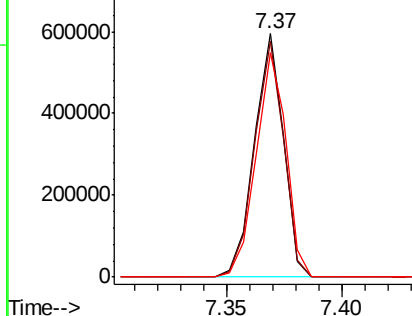
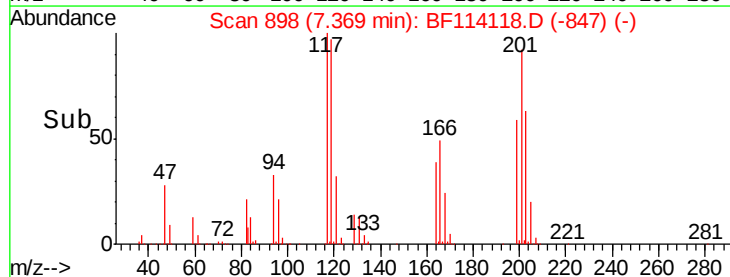


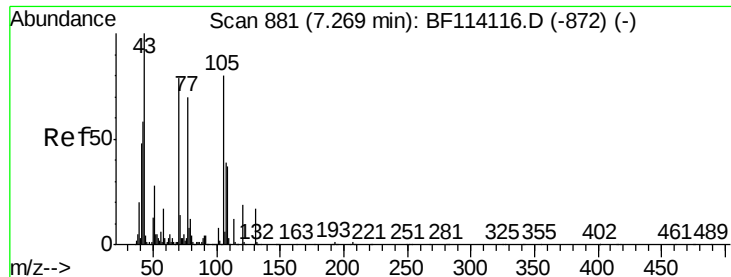
#18
Hexachloroethane
Concen: 62.340 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:117 Resp: 524132
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2
201 92.4 74.5 111.7



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

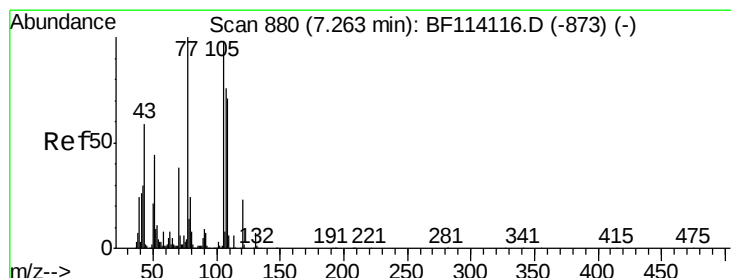
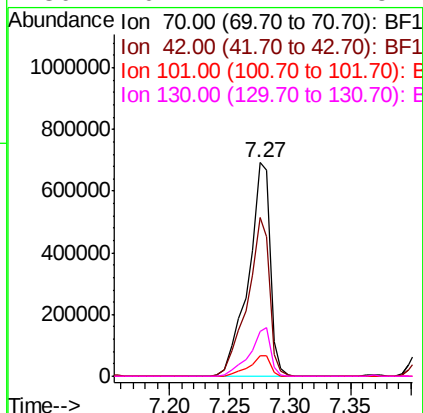
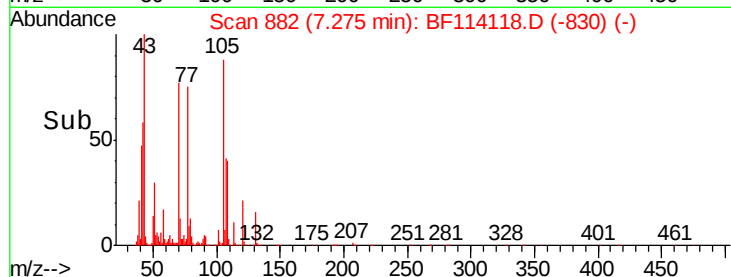
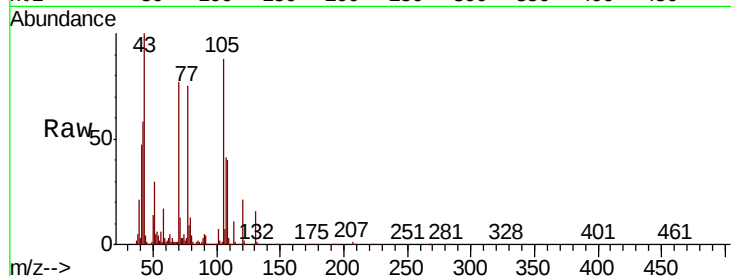




#19
n-Nitroso-di-n-propylamine
Concen: 58.732 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

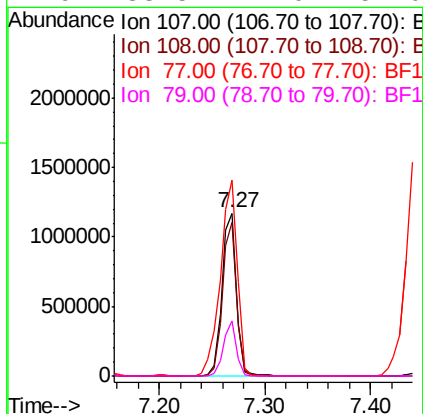
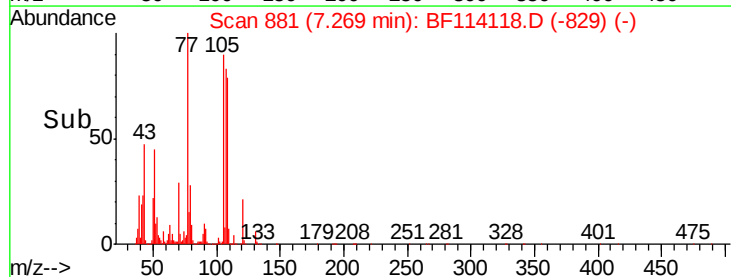
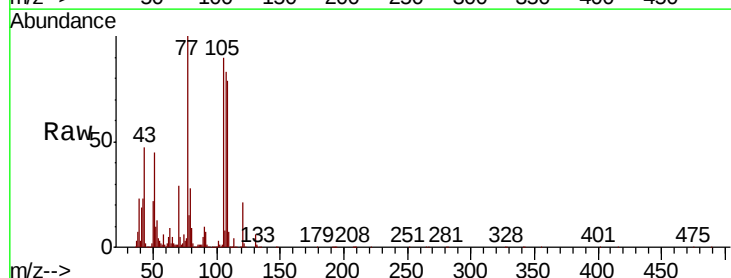
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

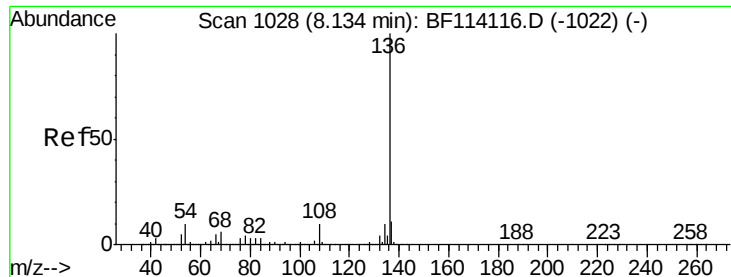
Tot Ion: 70 Resp: 875074
Ion Ratio Lower Upper
70 100
42 74.5 58.6 87.8
101 9.5 7.8 11.8
130 20.7 17.1 25.7



#20
3+4-Methylphenols
Concen: 55.044 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 107 Resp: 1129730
Ion Ratio Lower Upper
107 100
108 94.6 73.8 113.8
77 120.4 111.5 151.5
79 33.5 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 1243967

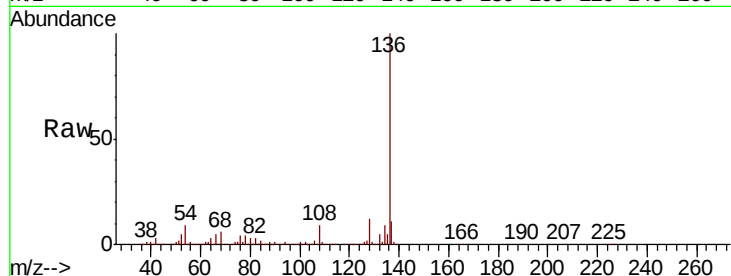
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 7.8 11.8

68 6.1 5.1 7.7

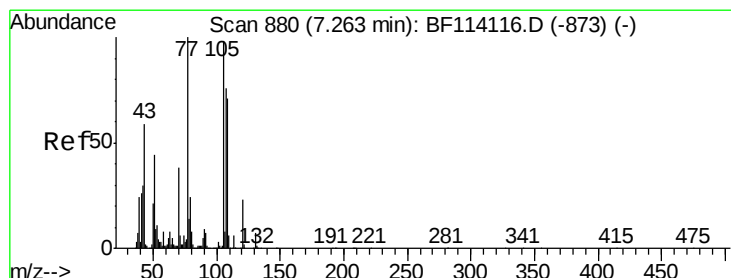
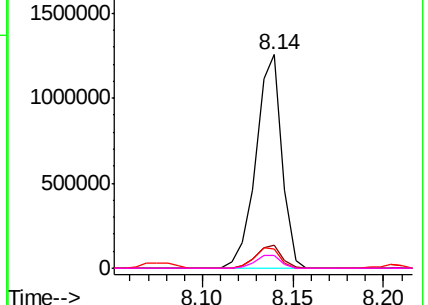
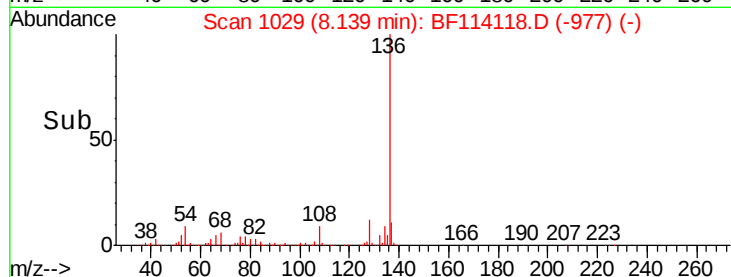


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.829 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:105 Resp: 1573141

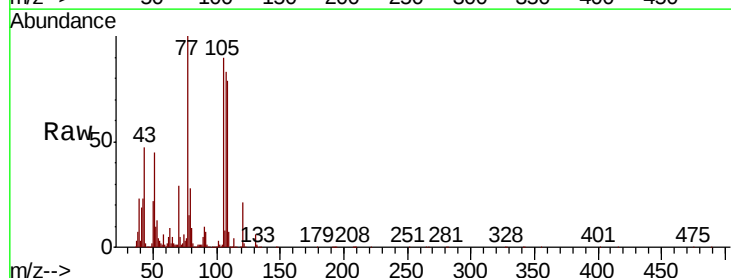
Ion Ratio Lower Upper

105 100

71 5.6 5.3 7.9

51 49.6 36.2 54.4

120 23.6 18.6 28.0

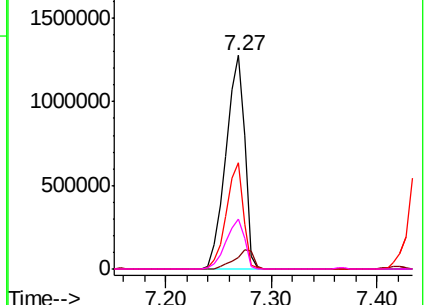
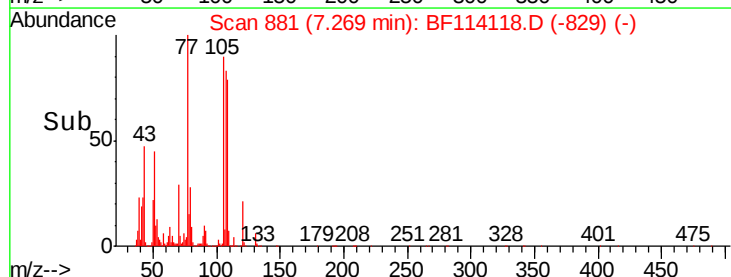


Abundance Ion 105.00 (104.70 to 105.70): E

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

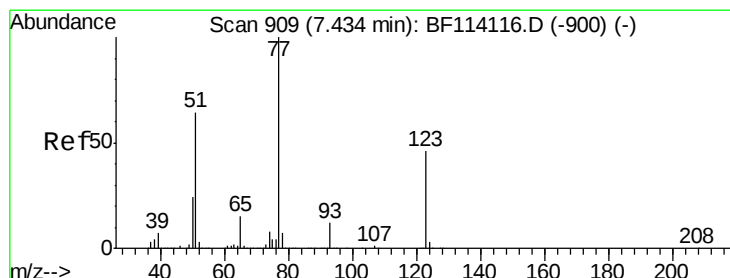
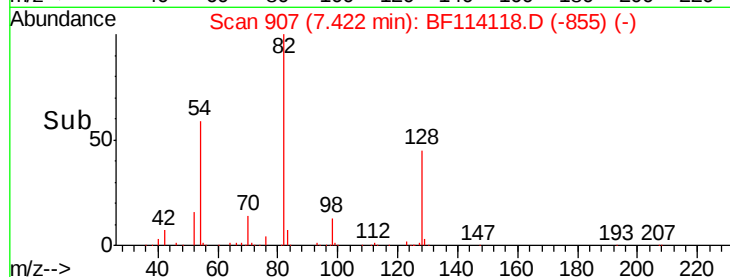
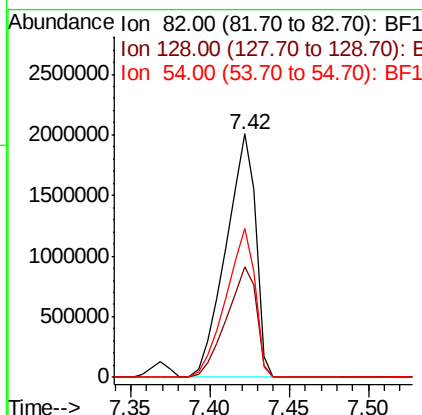
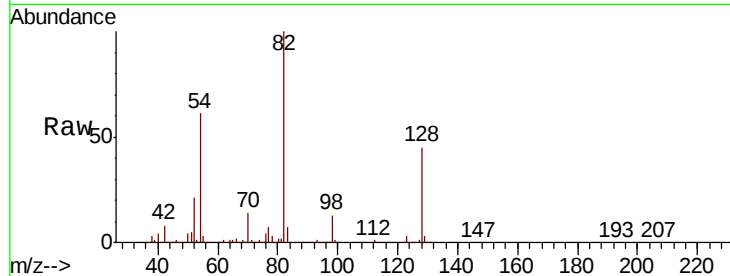




#23
 Nitrobenzene-d5
 Concen: 115.611 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

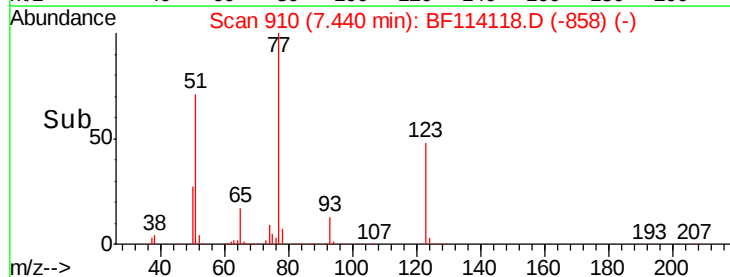
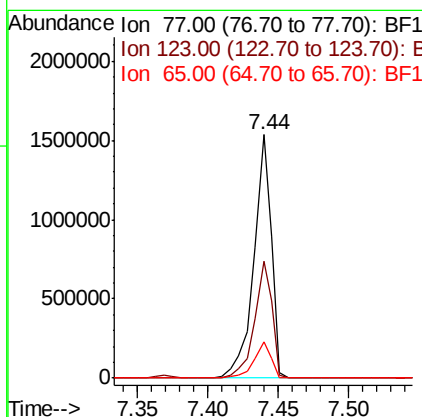
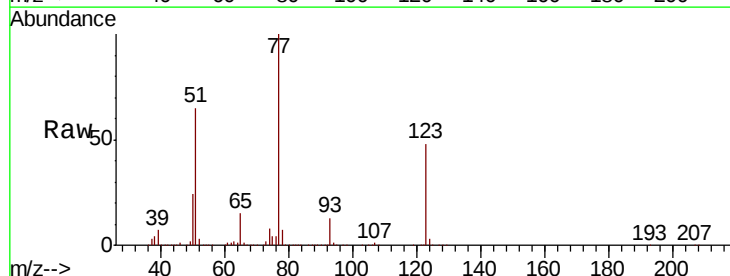
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

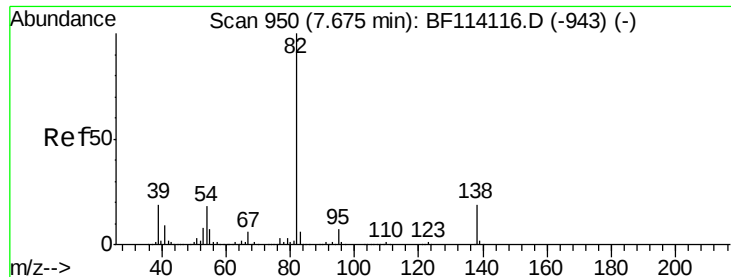
Tot Ion: 82 Resp: 2615970
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.5 53.3
 54 61.0 48.5 72.7



#24
 Nitrobenzene
 Concen: 55.948 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion: 77 Resp: 1341316
 Ion Ratio Lower Upper
 77 100
 123 47.8 36.9 55.3
 65 15.0 11.8 17.6

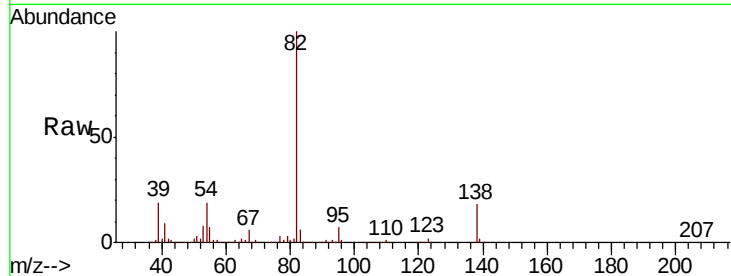




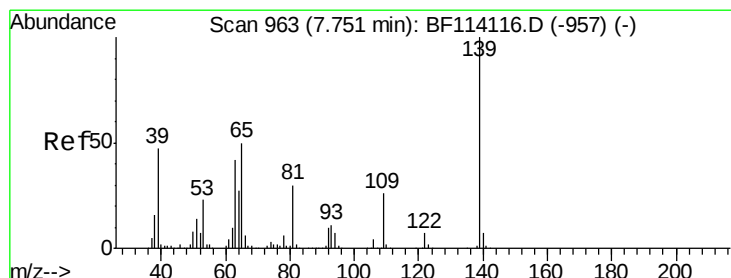
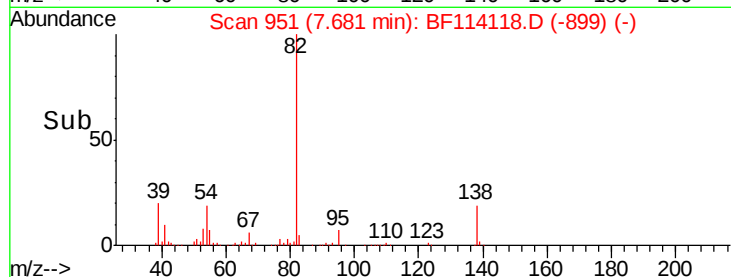
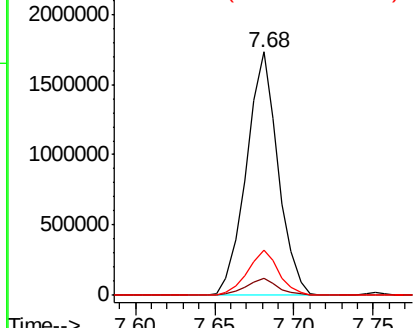
#25
Isophorone
Concen: 54.426 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 82 Resp: 2398055
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.4 14.8 22.2

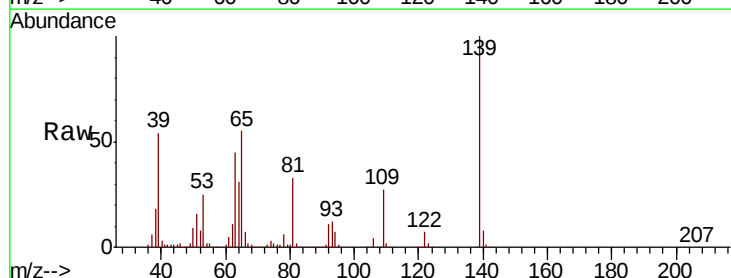


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

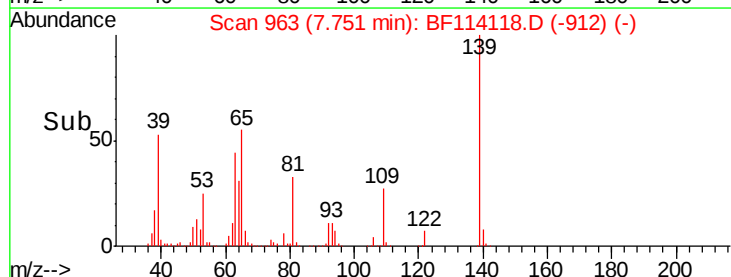
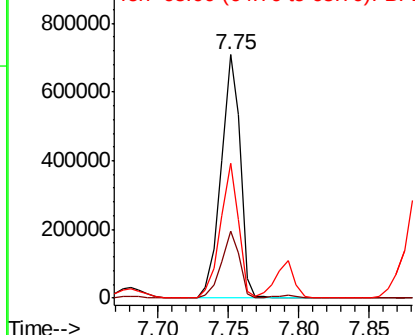


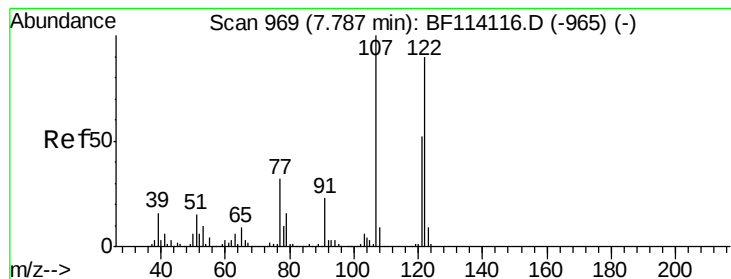
#26
2-Nitrophenol
Concen: 54.553 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 139 Resp: 670256
Ion Ratio Lower Upper
139 100
109 27.5 20.7 31.1
65 55.5 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 60.840 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

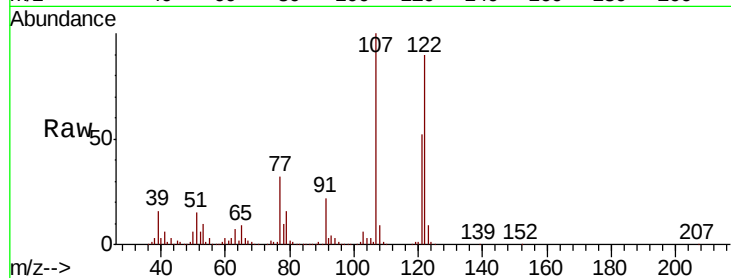
Tot Ion:122 Resp: 1012545

Ion Ratio Lower Upper

122 100

107 110.8 88.4 132.6

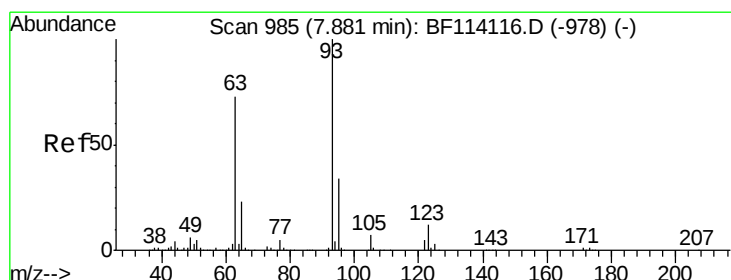
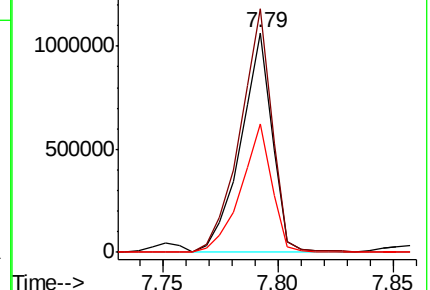
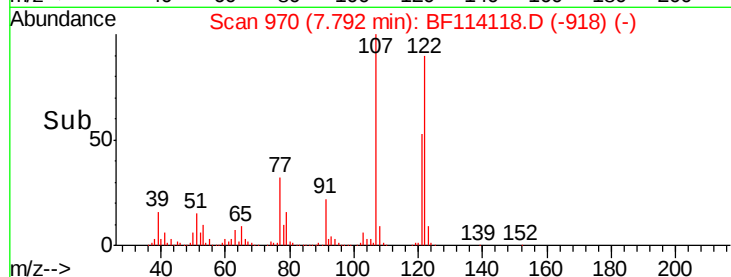
121 58.2 45.9 68.9



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: 57.452 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

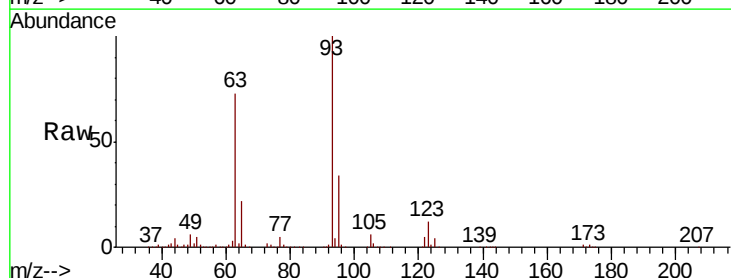
Tgt Ion: 93 Resp: 1547454

Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

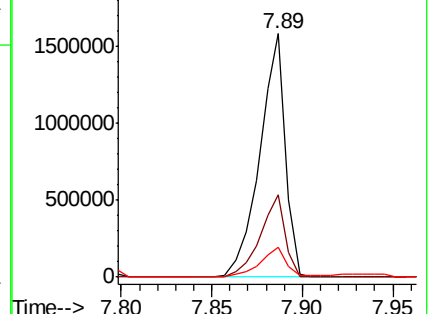
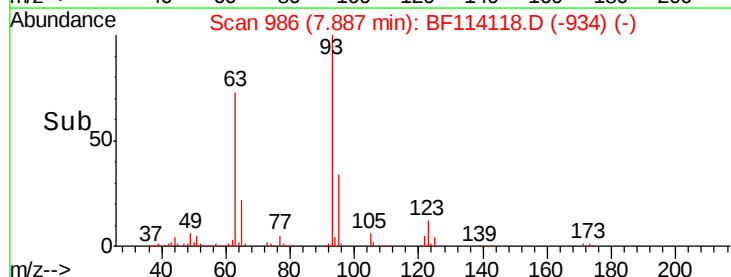
123 12.2 9.5 14.3

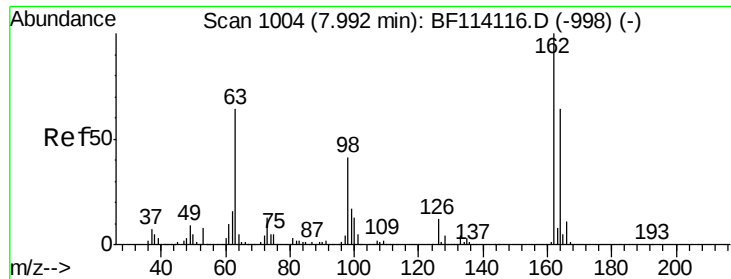


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

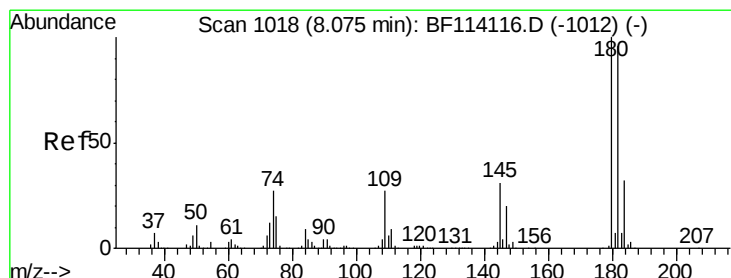
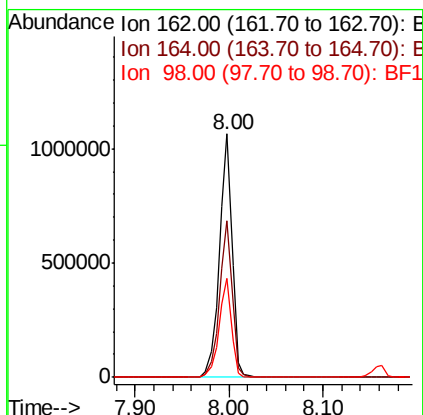
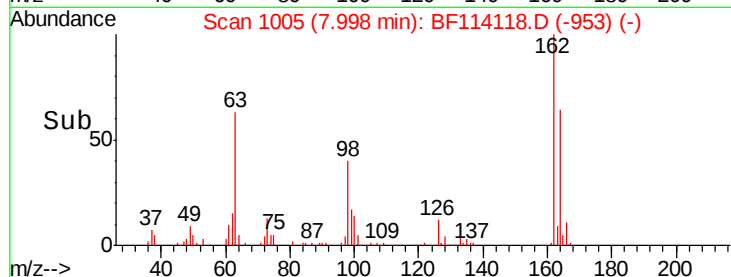
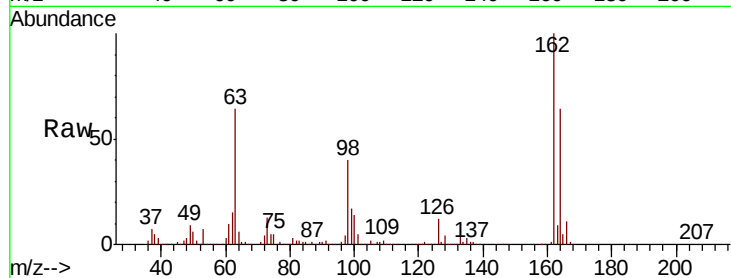




#29
2,4-Dichlorophenol
Concen: 52.228 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

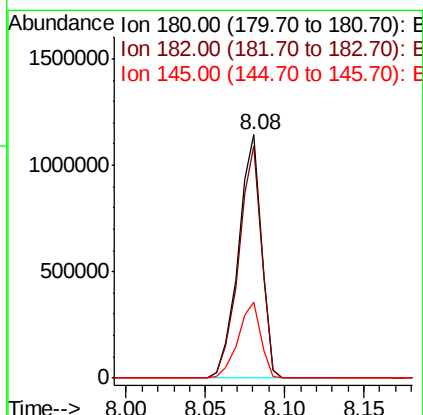
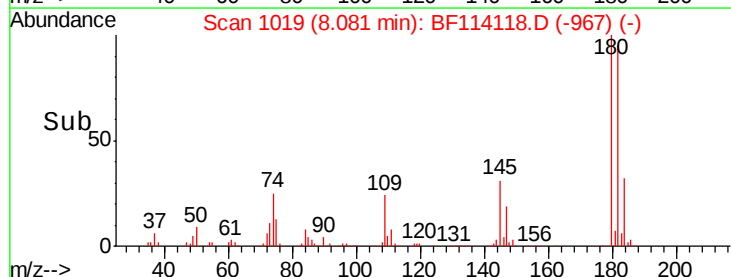
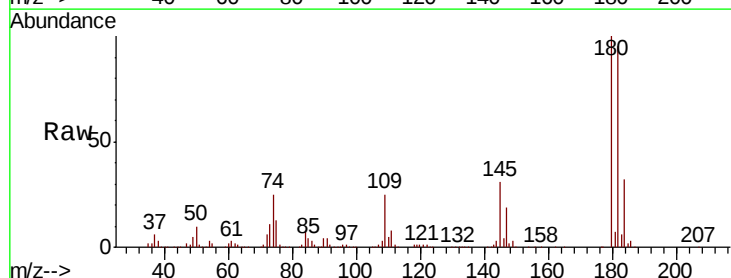
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

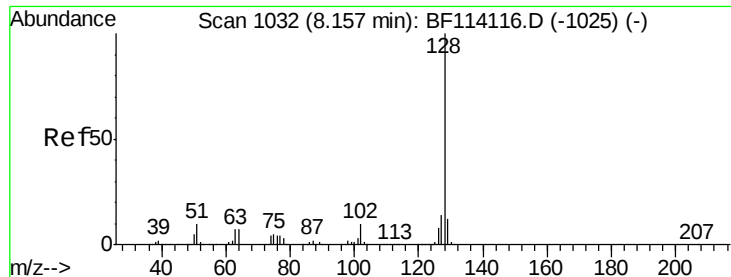
Tot Ion:162 Resp: 1002809
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 40.5 20.6 60.6



#30
1,2,4-Trichlorobenzene
Concen: 53.067 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:180 Resp: 1146882
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 31.0 25.1 37.7

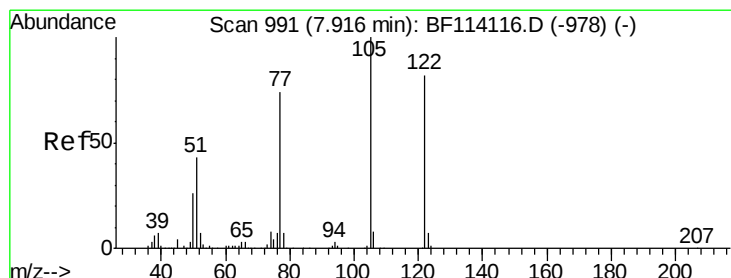
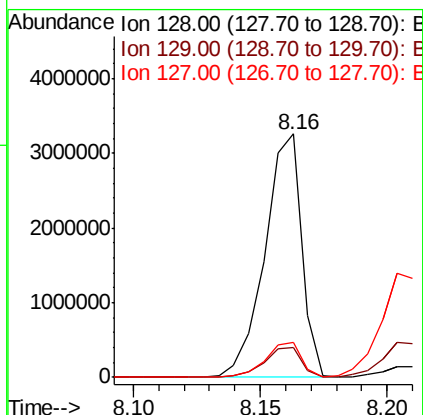
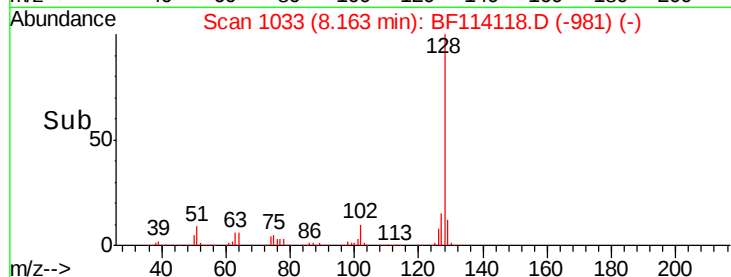
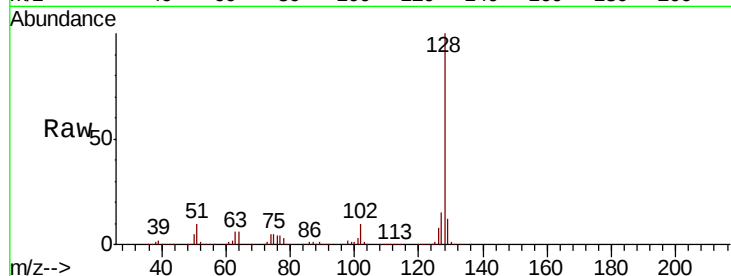




#31
Naphthalene
Concen: 55.329 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

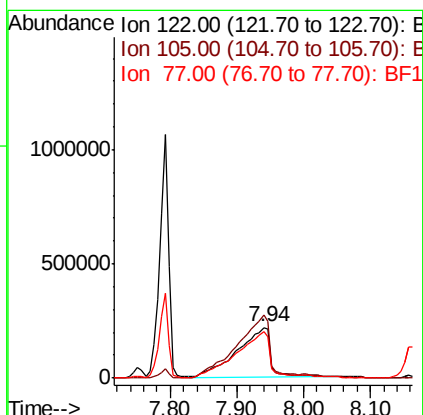
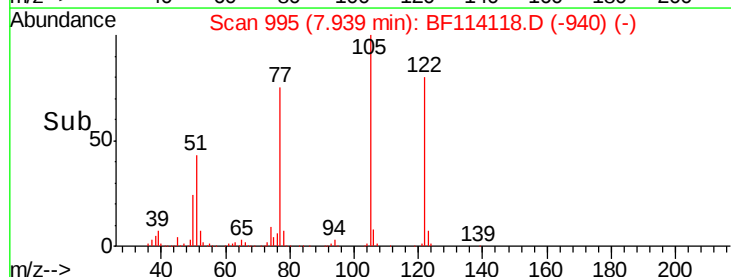
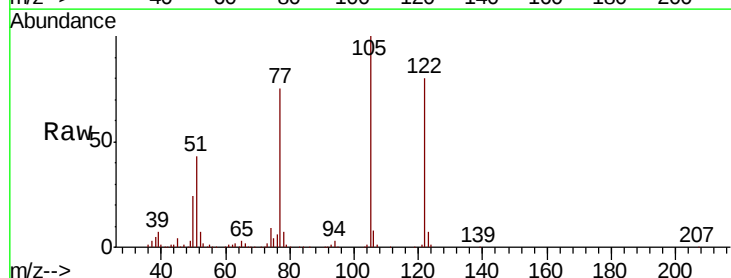
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

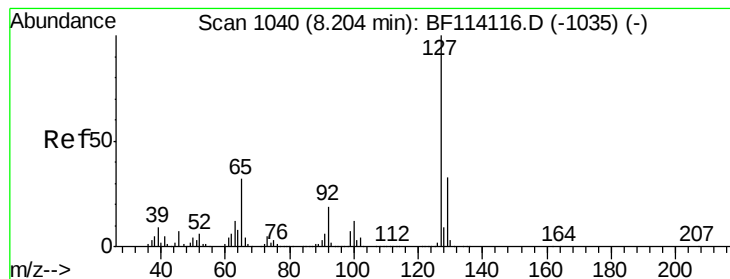
Tot Ion:128 Resp: 3332327
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 67.250 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:122 Resp: 771999
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 93.3 69.4 109.4





#33

4-Chloroaniline

Concen: 62.529 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:127 Resp: 1538312

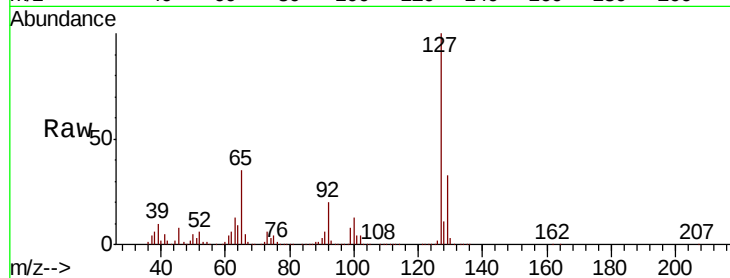
Ion Ratio Lower Upper

127 100

129 33.4 26.7 40.1

65 35.0 25.4 38.0

92 20.0 15.4 23.2

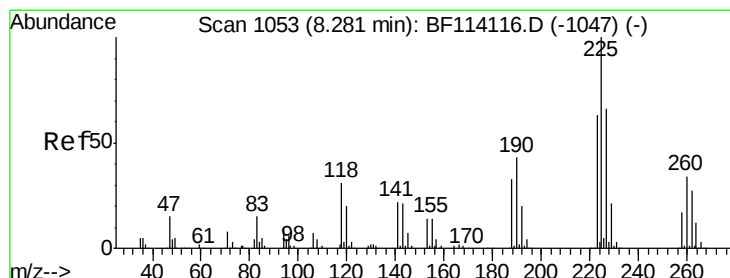
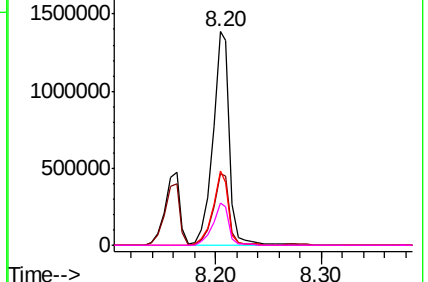
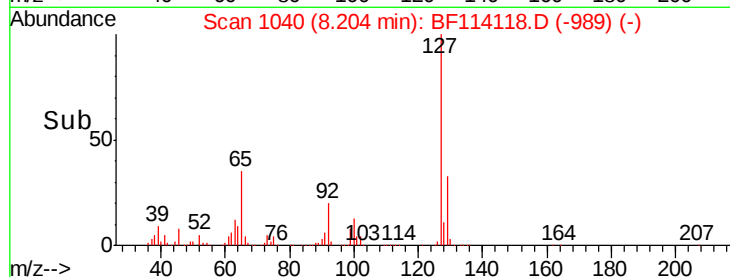


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 49.468 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

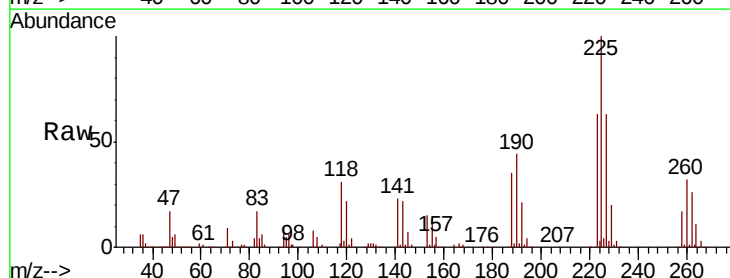
Tgt Ion:225 Resp: 657625

Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

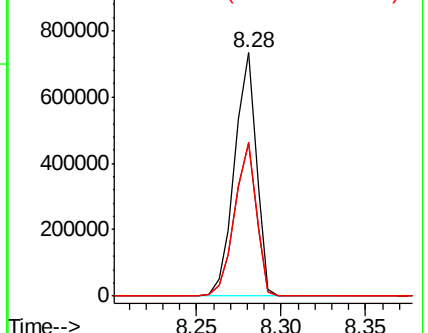
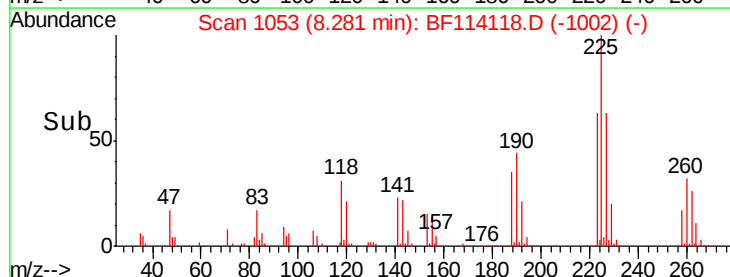
227 63.3 52.6 79.0

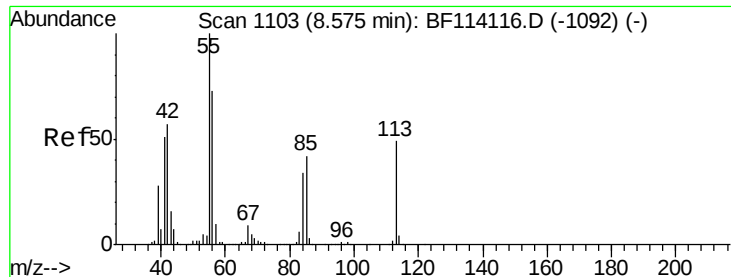


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

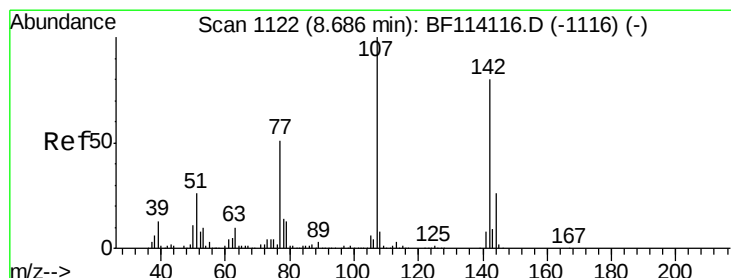
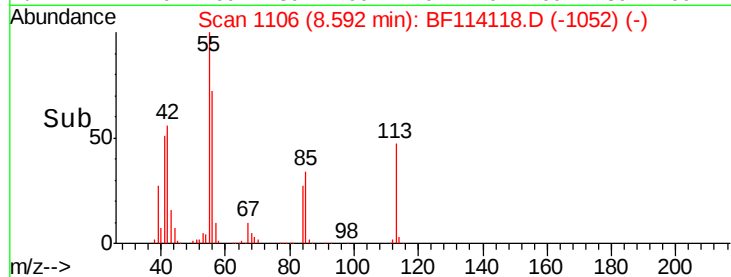
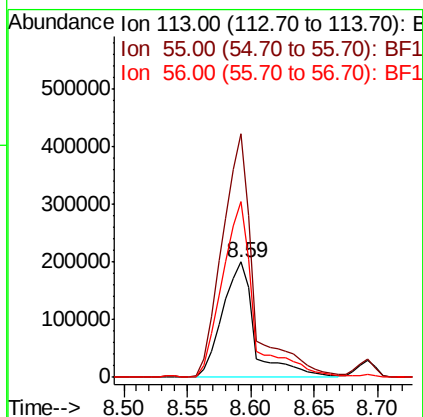
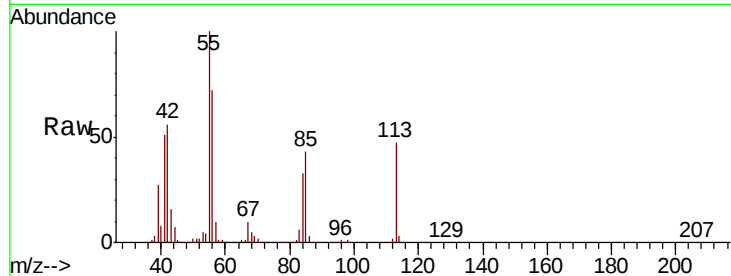




#35
 Caprolactam
 Concen: 62.429 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.02 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

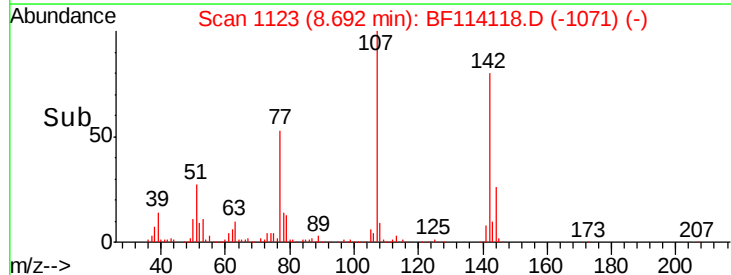
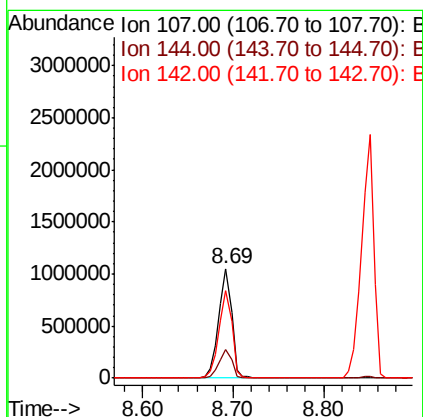
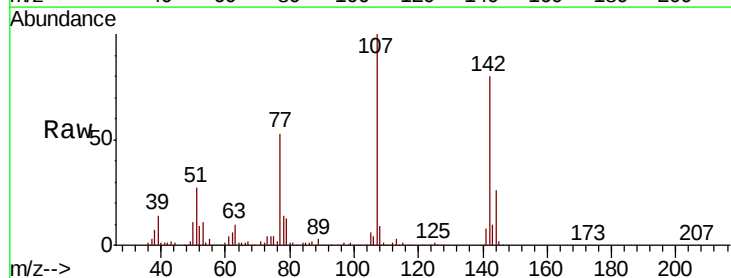
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

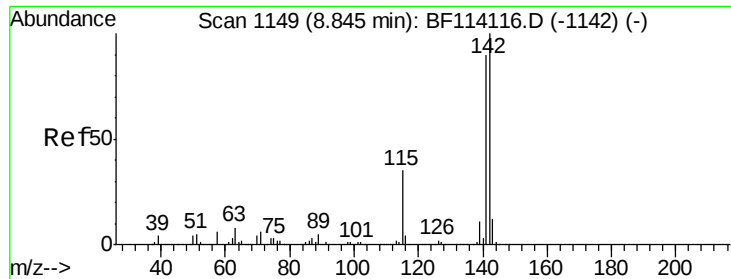
Tot Ion:113 Resp: 353672
 Ion Ratio Lower Upper
 113 100
 55 211.2 183.5 223.5
 56 152.6 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 55.385 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:107 Resp: 1044724
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 80.0 64.2 96.4

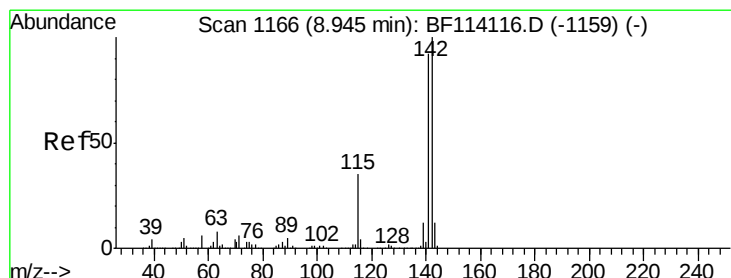
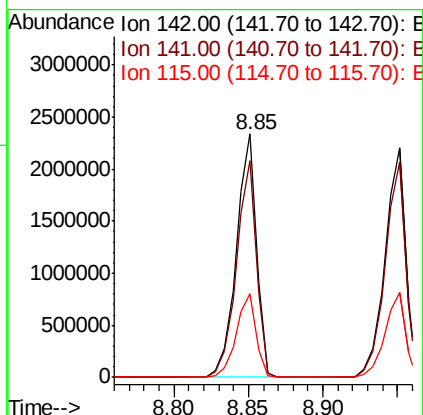
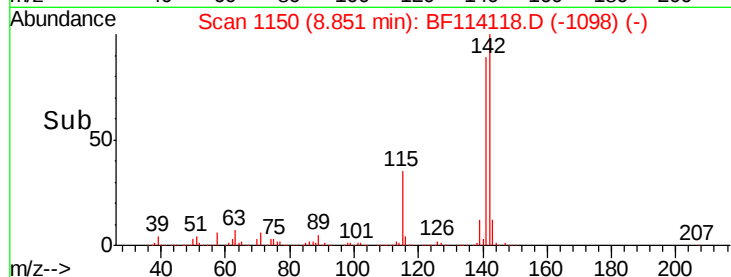
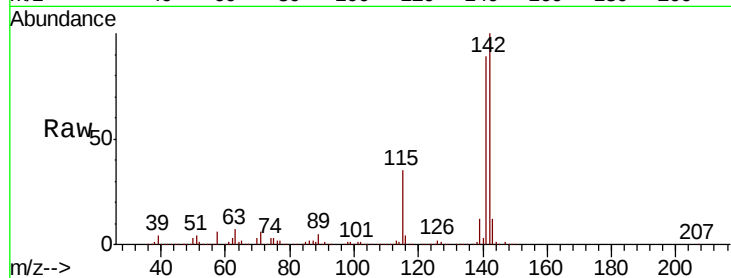




#37
2-Methylnaphthalene
Concen: 54.908 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

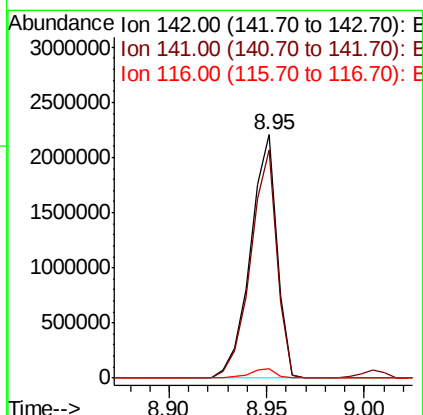
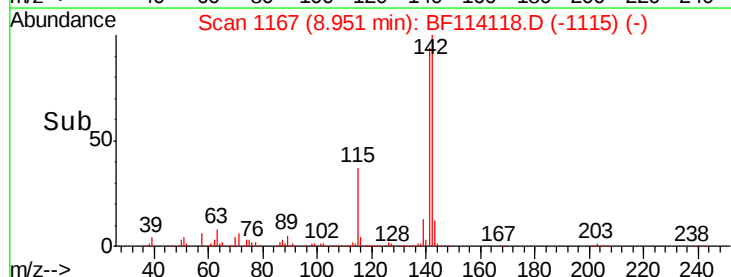
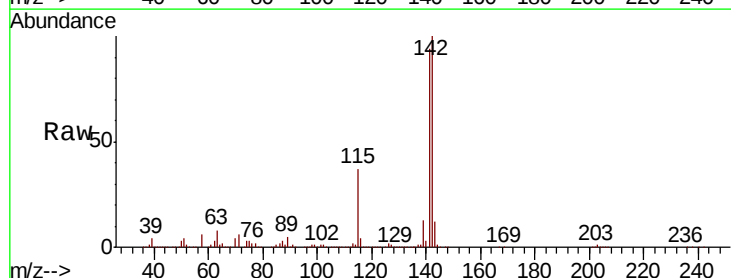
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

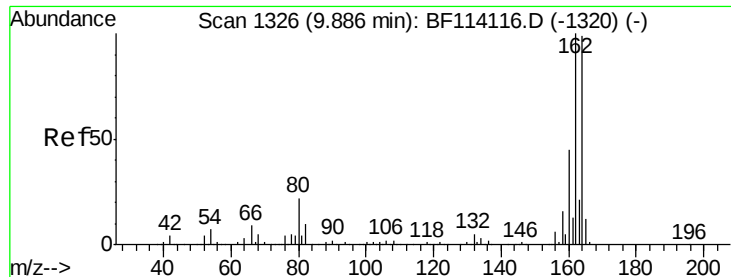
Tot Ion:142 Resp: 2208118
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 34.6 28.0 42.0



#38
1-Methylnaphthalene
Concen: 53.432 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:142 Resp: 2078690
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0
116 3.9 3.1 4.7

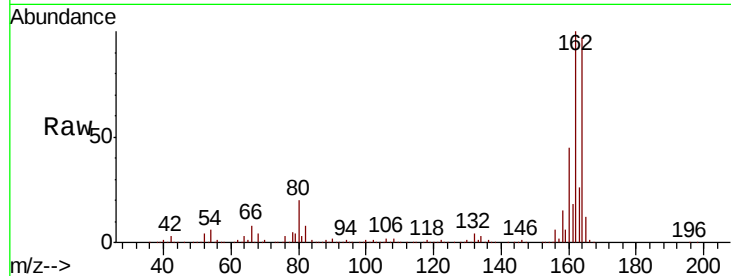




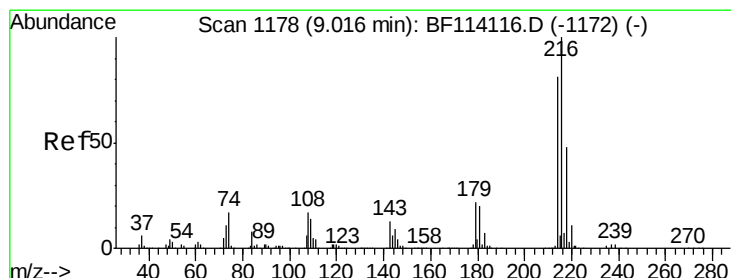
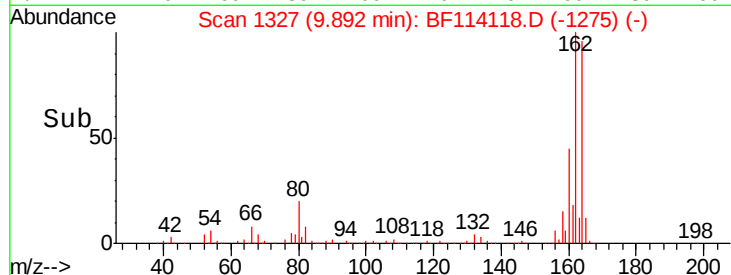
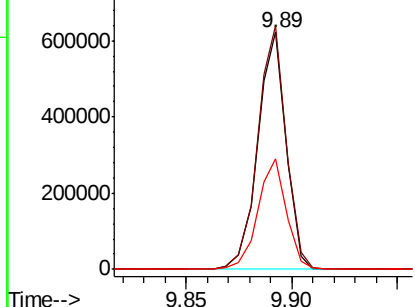
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:164 Resp: 578040
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.4 36.5 54.7

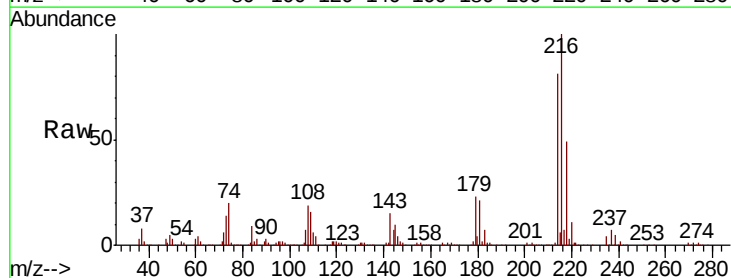


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

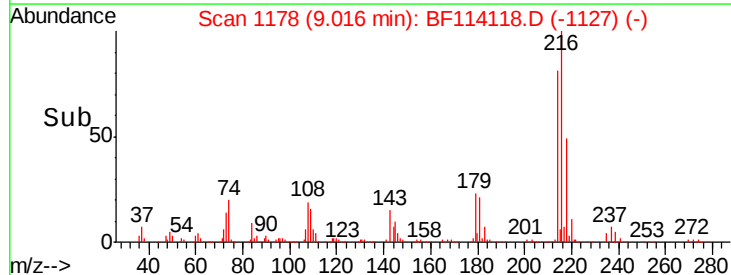
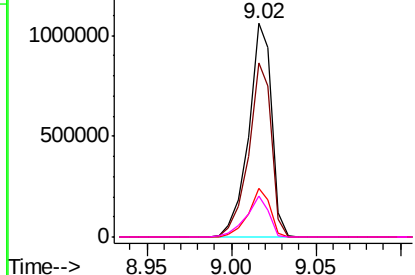


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.238 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:216 Resp: 1015223
Ion Ratio Lower Upper
216 100
214 80.6 63.9 95.9
179 21.4 17.0 25.6
108 18.9 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.870 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

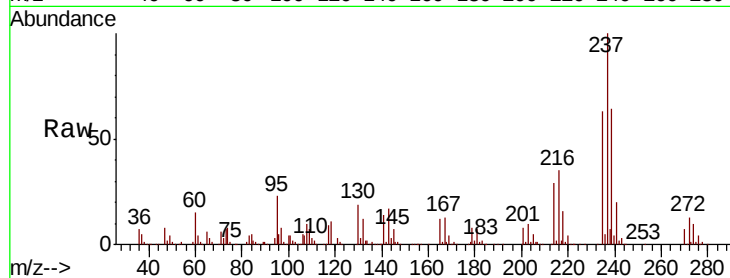
Tot Ion:237 Resp: 488245

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

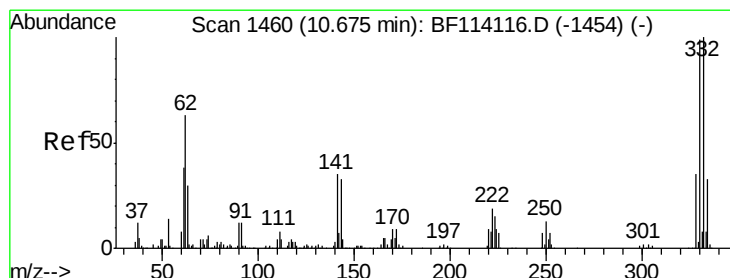
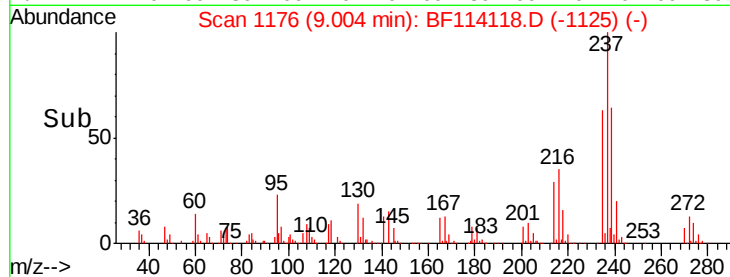
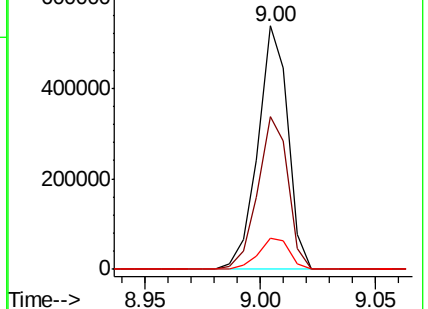
272 13.0 0.0 32.4



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: 91.700 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

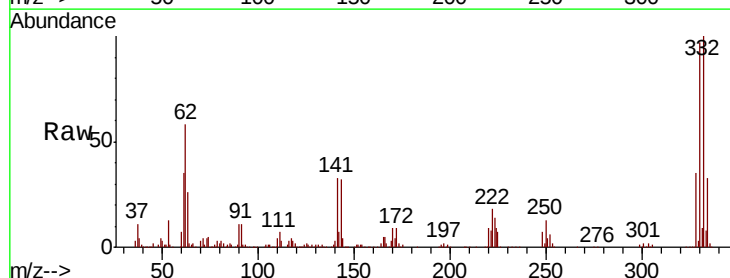
Tgt Ion:330 Resp: 667139

Ion Ratio Lower Upper

330 100

332 103.3 81.4 122.2

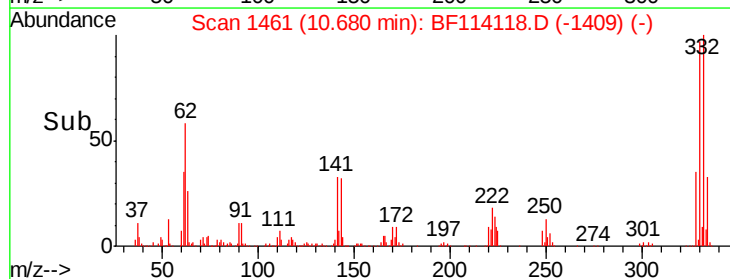
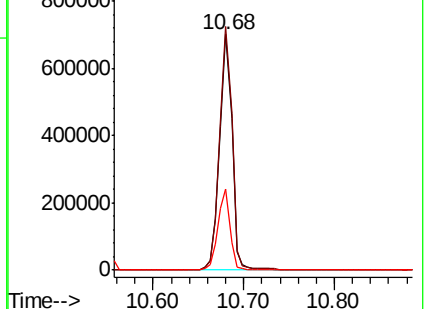
141 33.4 26.6 40.0

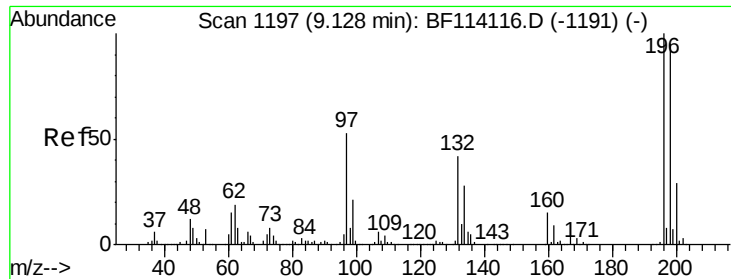


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

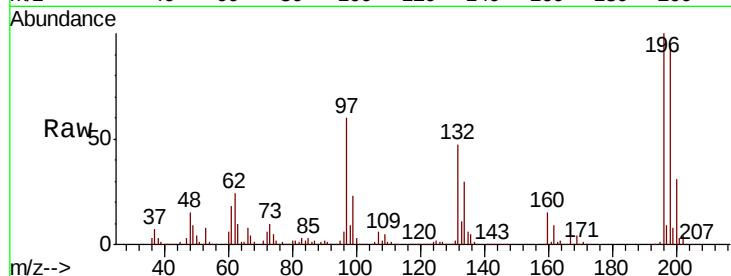




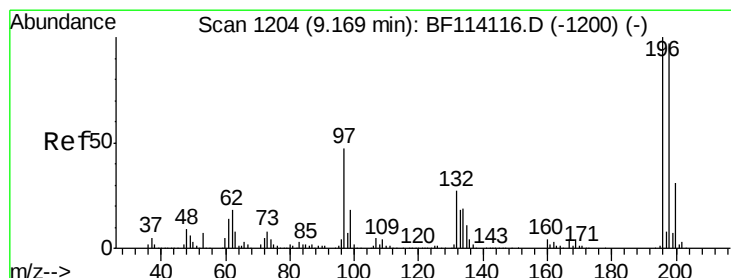
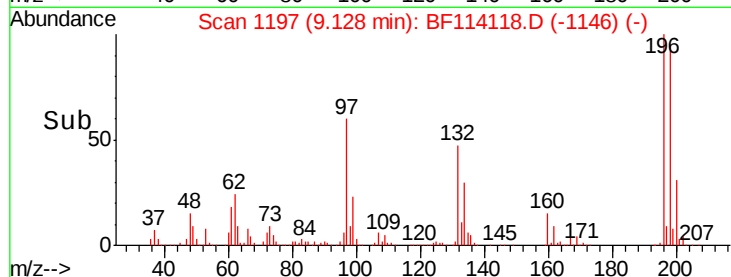
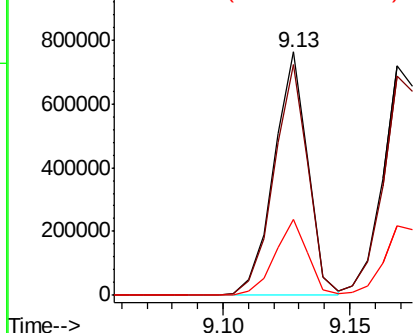
#43
 2,4,6-Trichlorophenol
 Concen: 61.367 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:196 Resp: 711714
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.9 113.9
 200 31.4 23.5 35.3



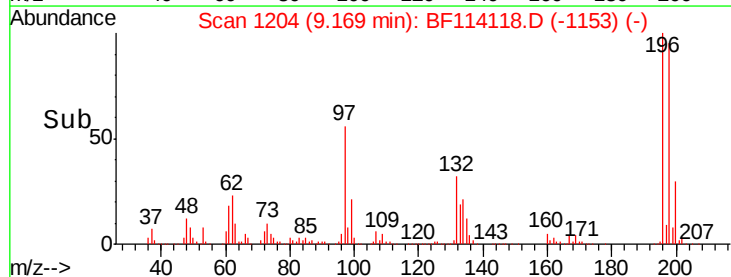
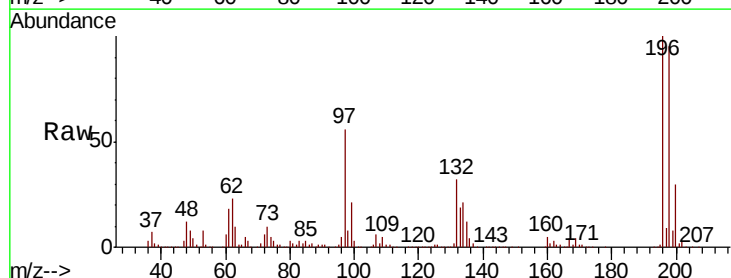
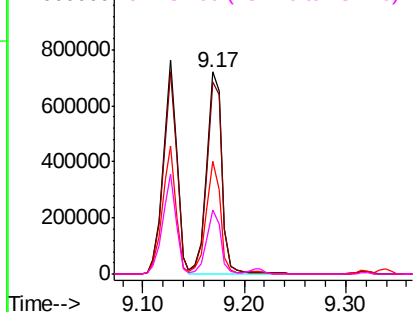
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

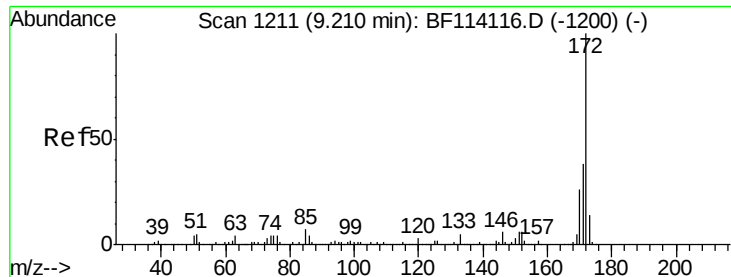


#44
 2,4,5-Trichlorophenol
 Concen: 58.442 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:196 Resp: 745627
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.7 116.5
 97 55.7 38.2 57.2
 132 31.6 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

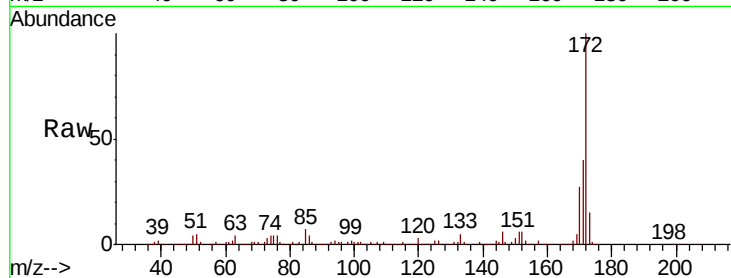




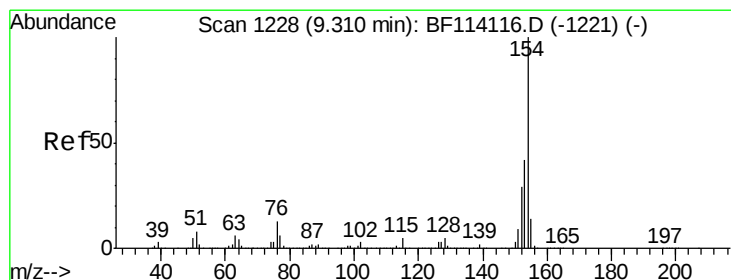
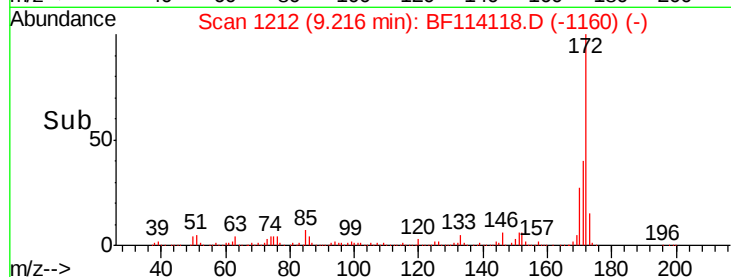
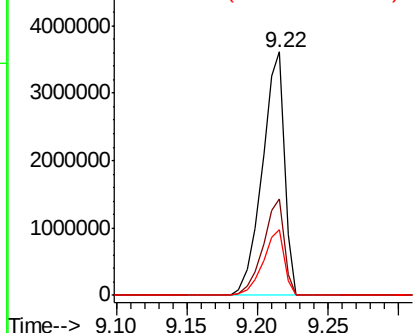
#45
 2-Fluorobiphenyl
 Concen: 110.418 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:172 Resp: 4003082
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.7 46.1
 170 26.8 20.5 30.7

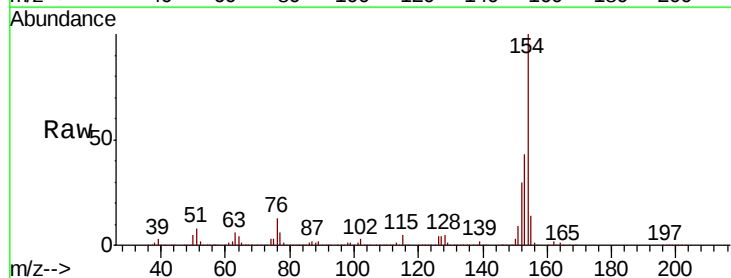


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

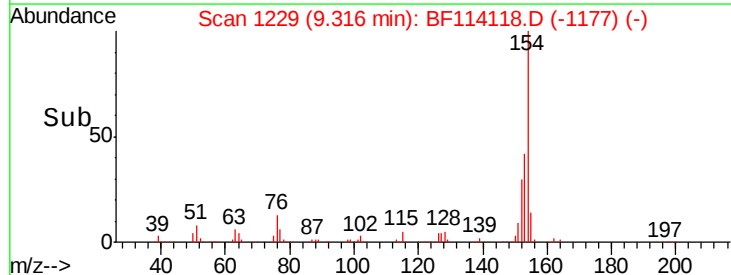
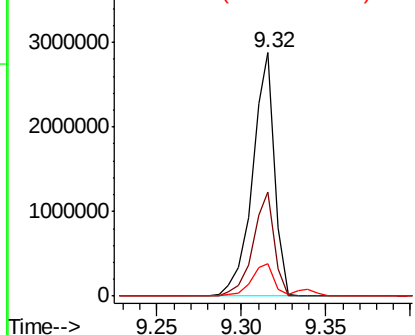


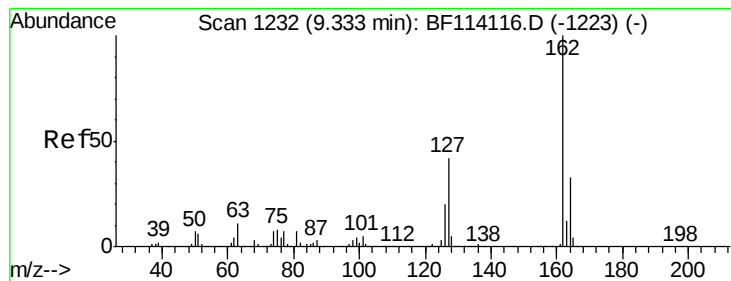
#46
 1,1'-Biphenyl
 Concen: 60.698 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:154 Resp: 2613352
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.9 61.9
 76 13.1 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 61.197 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

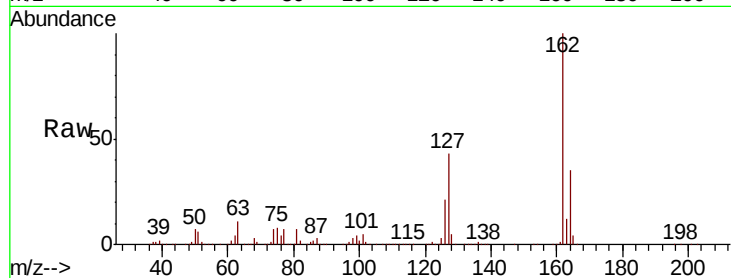
BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:162 Resp: 2147187

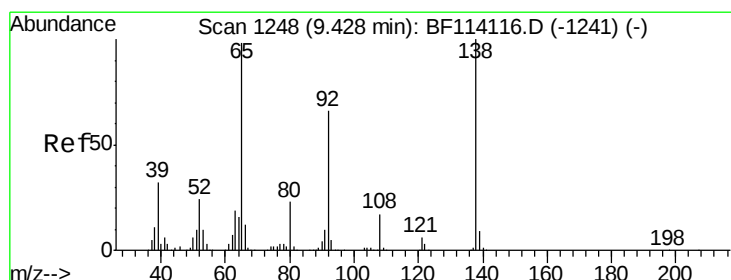
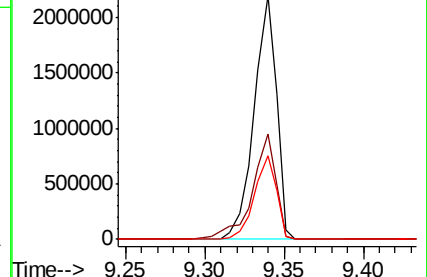
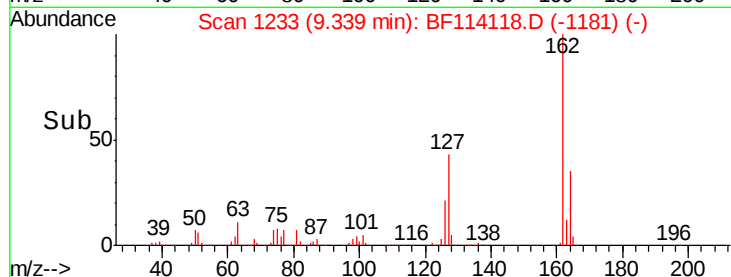
Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.0	51.0
164	34.5	26.7	40.1



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: 81.220 ng

RT: 9.43 min Scan# 1249

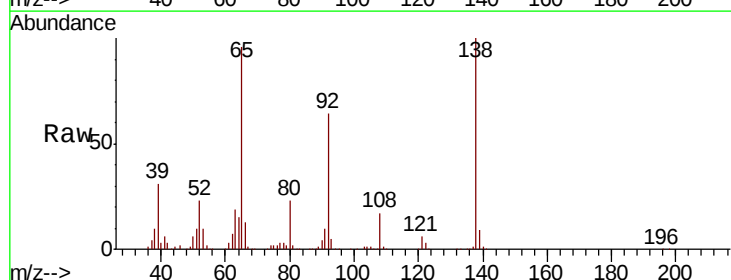
Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion: 65 Resp: 791736

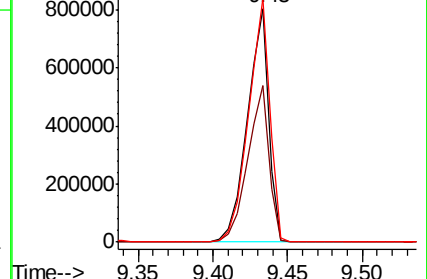
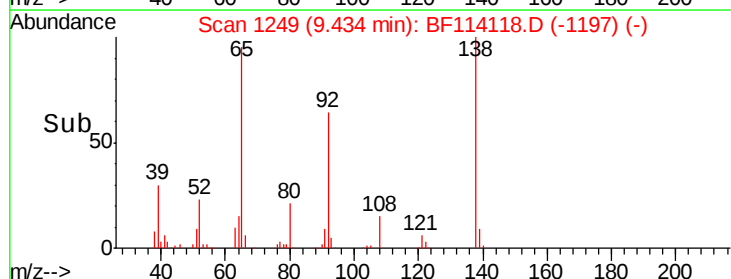
Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	104.1	81.4	122.0

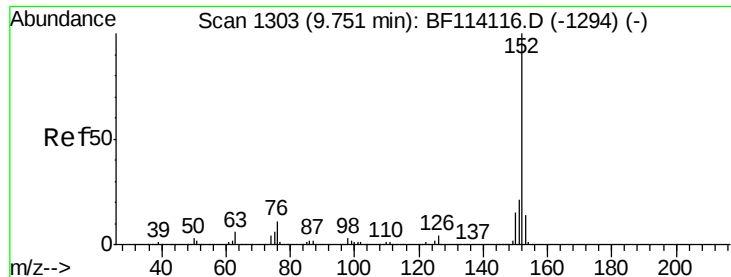


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.568 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

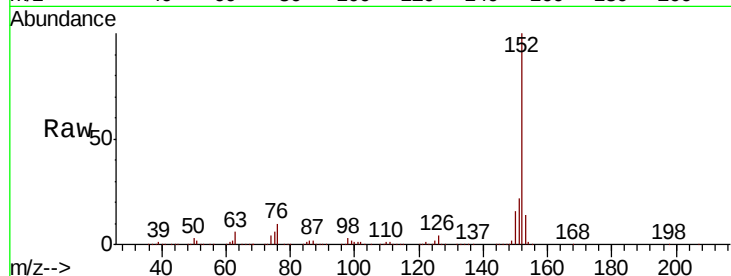
BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 3240134

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	14.3	11.4	17.2

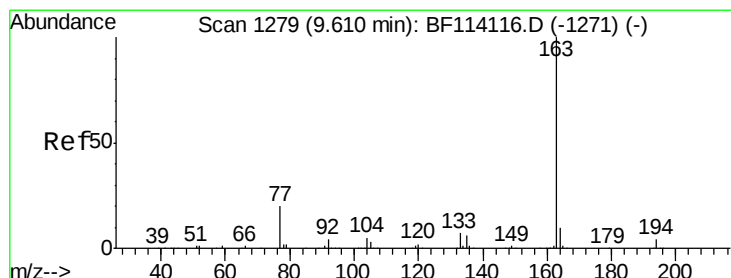
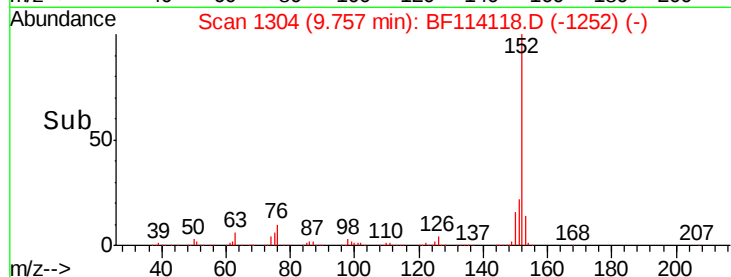
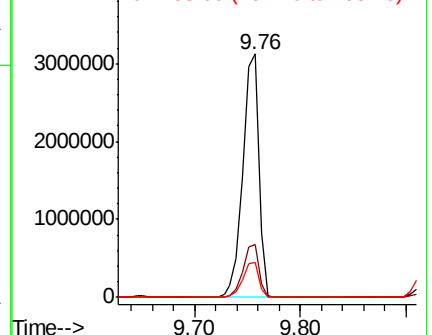


Abundance

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: 58.654 ng

RT: 9.62 min Scan# 1280

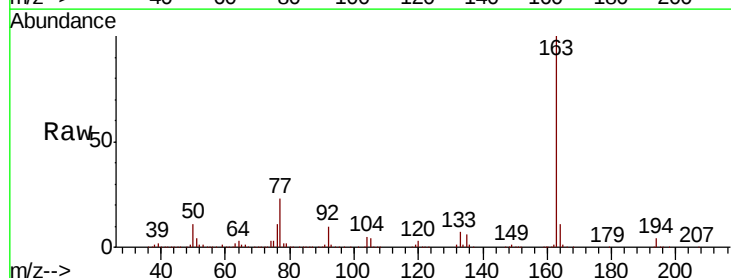
Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:163 Resp: 2448972

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.9	8.2	12.2

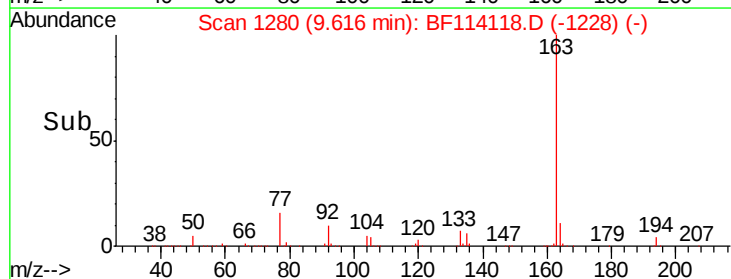
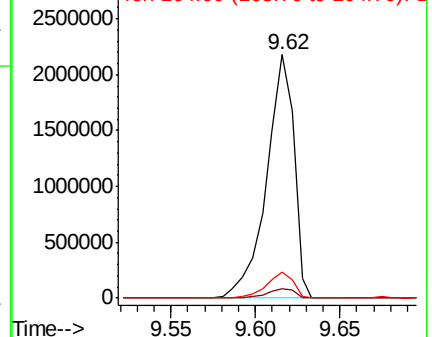


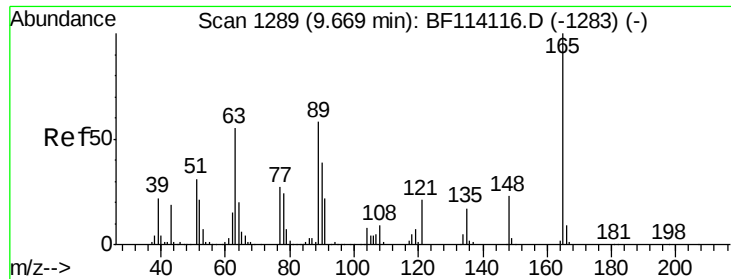
Abundance

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: 59.698 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

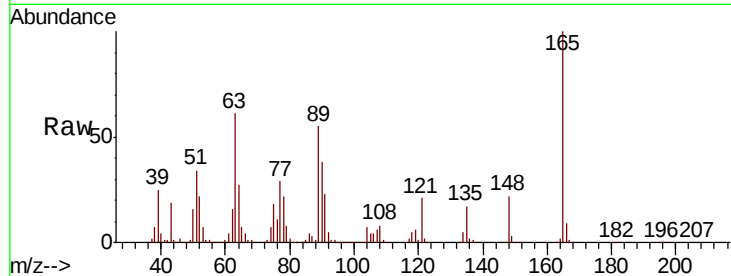
Tot Ion:165 Resp: 564899

Ion Ratio Lower Upper

165 100

63 60.8 50.2 75.4

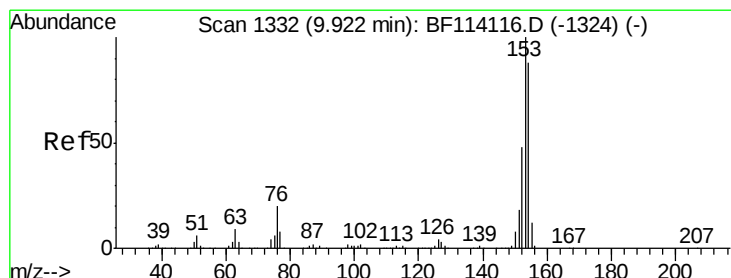
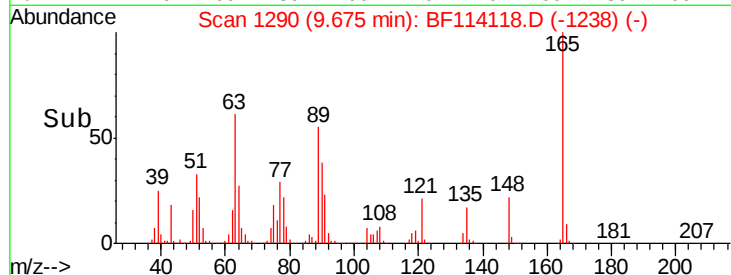
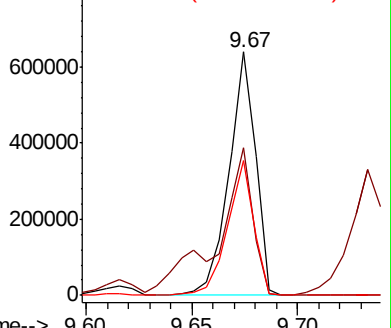
89 55.5 46.6 69.8



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: 65.412 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

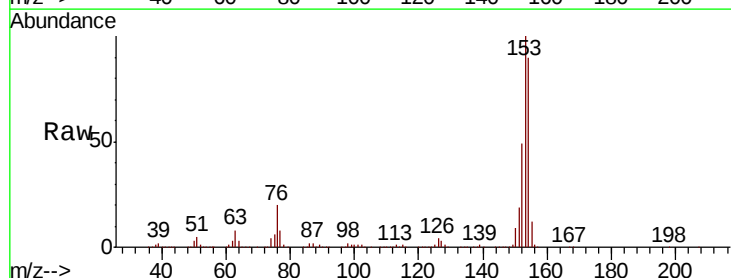
Tgt Ion:154 Resp: 2098607

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

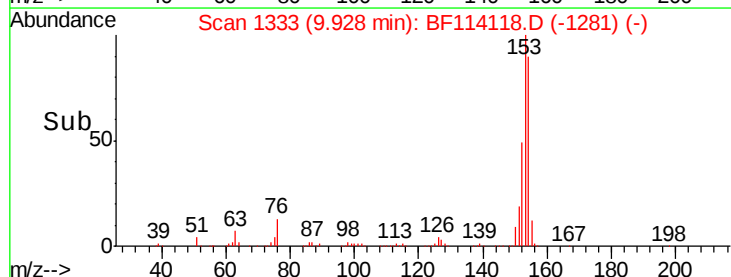
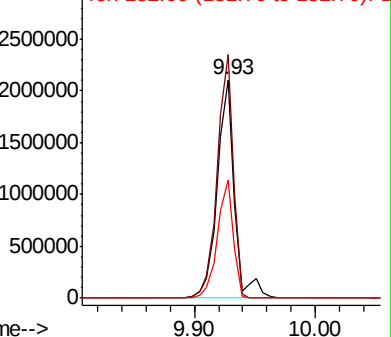
152 54.1 43.4 65.2



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

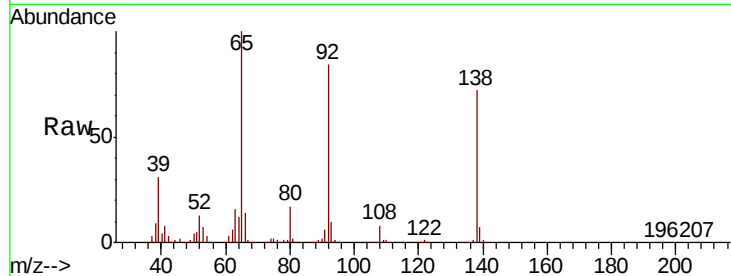




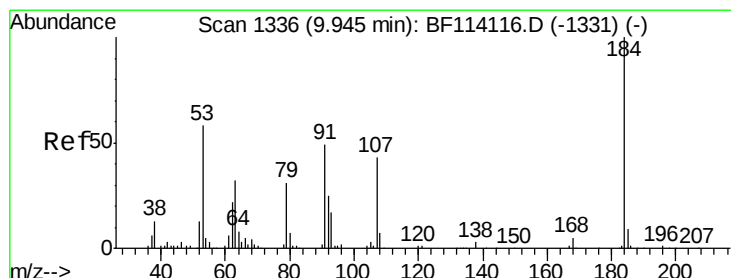
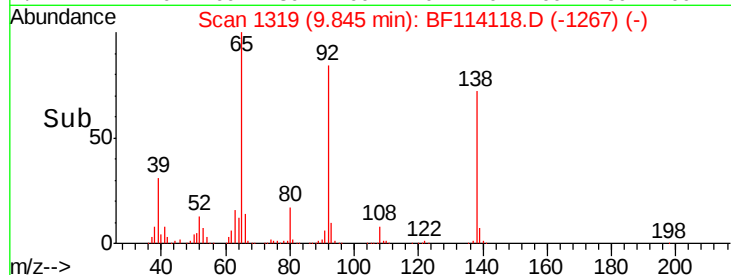
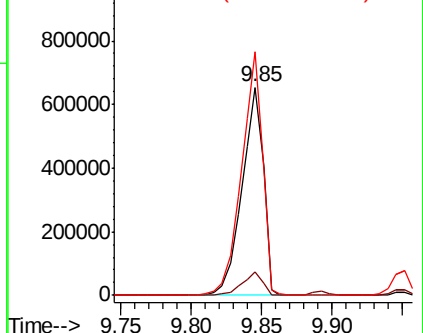
#53
3-Nitroaniline
Concen: 69.574 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:138 Resp: 689561
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.6
92 116.9 91.2 136.8

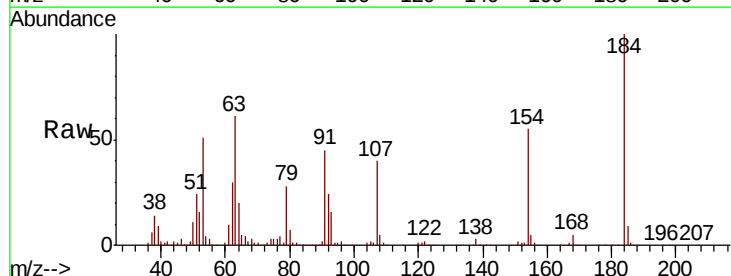


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

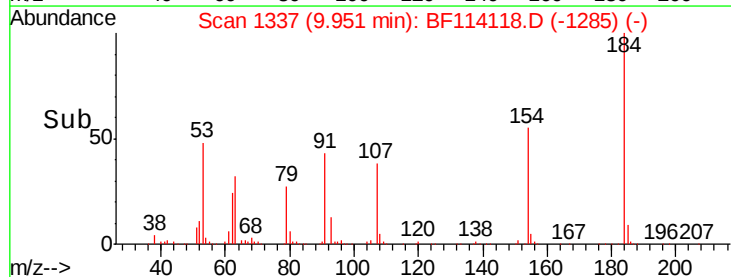
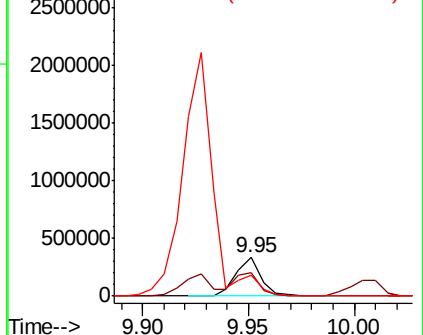


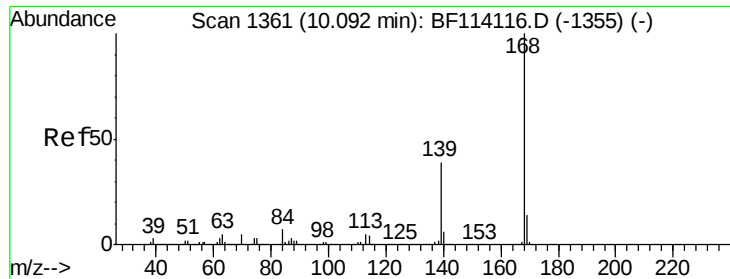
#54
2,4-Dinitrophenol
Concen: 66.300 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:184 Resp: 282971
Ion Ratio Lower Upper
184 100
63 60.7 55.6 83.4
154 55.3 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

Dibenzofuran

Concen: 56.063 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

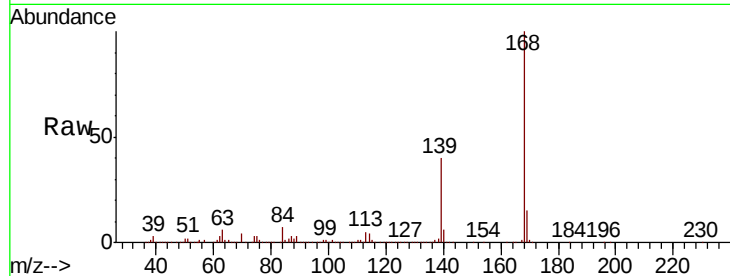
Tot Ion:168 Resp: 2828622

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

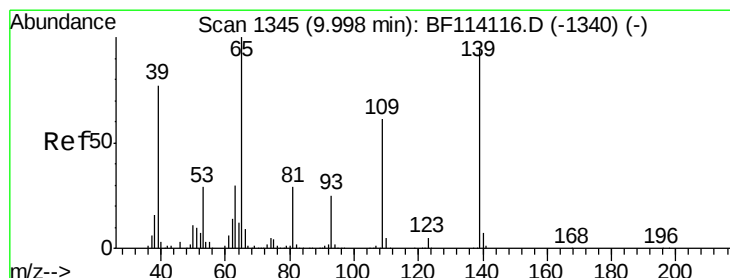
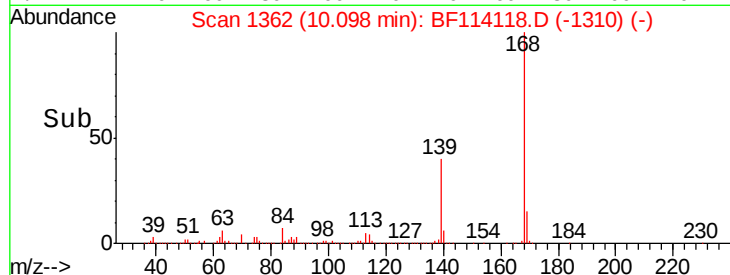
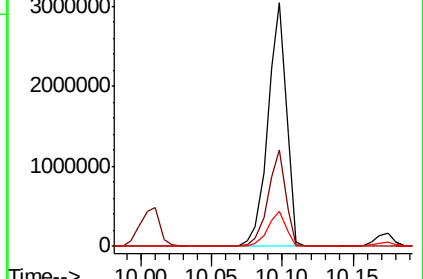
169 14.6 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.213 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

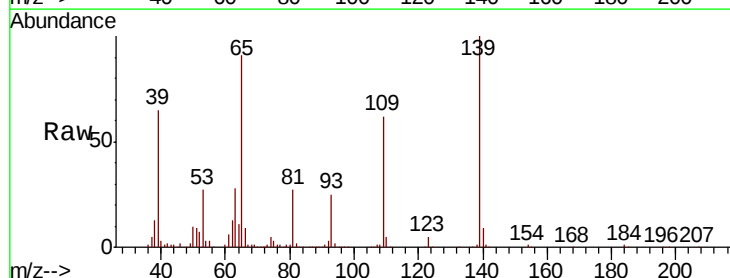
Tgt Ion:139 Resp: 490841

Ion Ratio Lower Upper

139 100

109 62.0 43.9 83.9

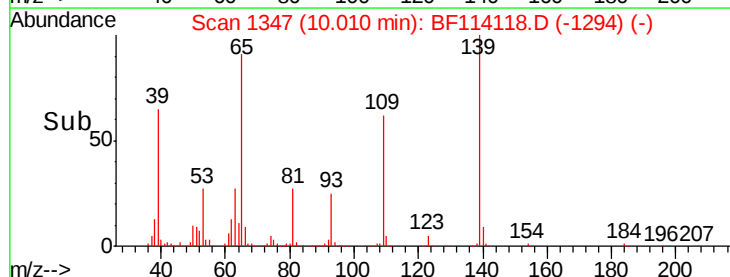
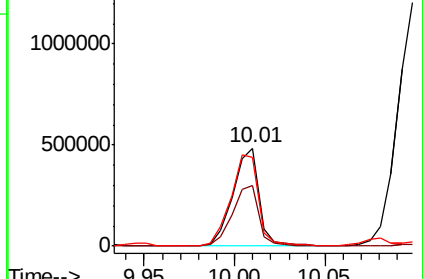
65 90.8 85.7 125.7

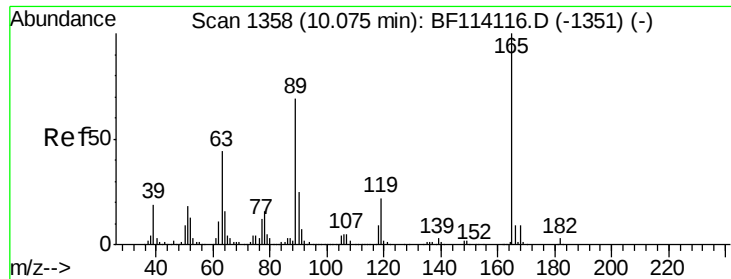


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

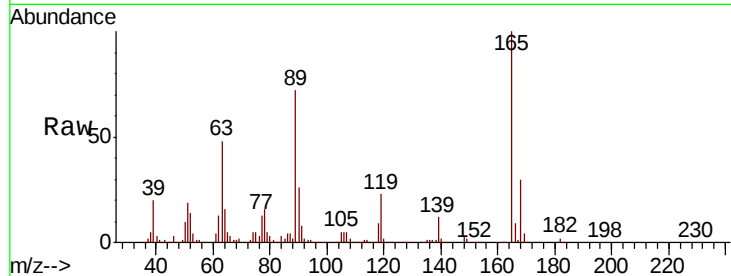




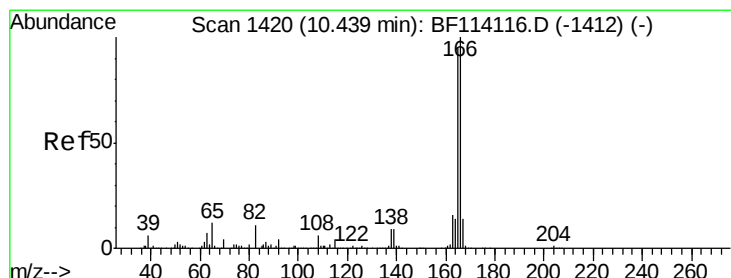
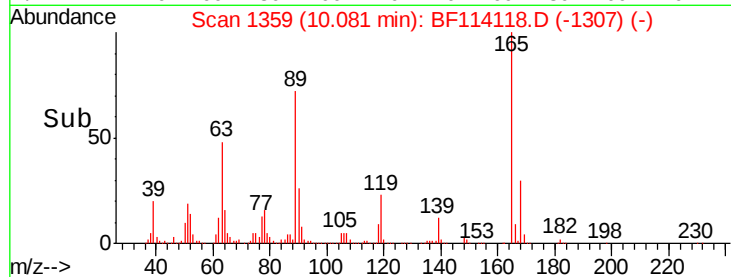
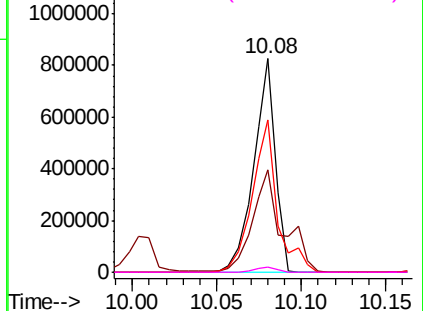
#57
2,4-Dinitrotoluene
Concen: 57.699 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:165 Resp: 740200
Ion Ratio Lower Upper
165 100
63 48.1 35.5 53.3
89 71.5 55.2 82.8
182 2.5 2.2 3.2

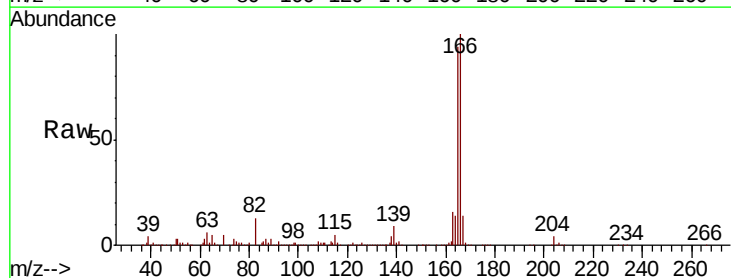


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

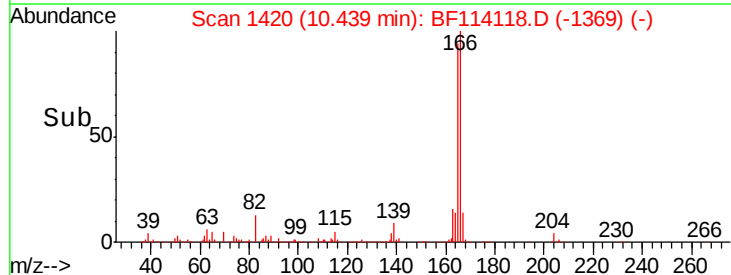
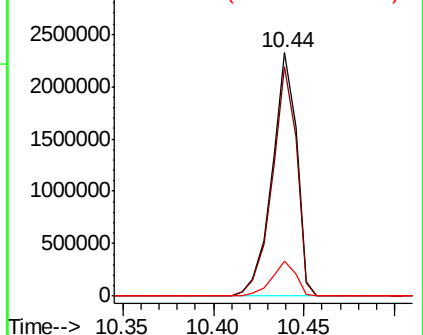


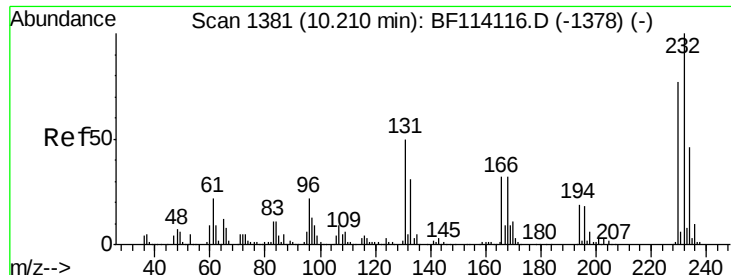
#58
Fluorene
Concen: 56.222 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:166 Resp: 2172770
Ion Ratio Lower Upper
166 100
165 94.3 76.1 114.1
167 14.4 11.1 16.7



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

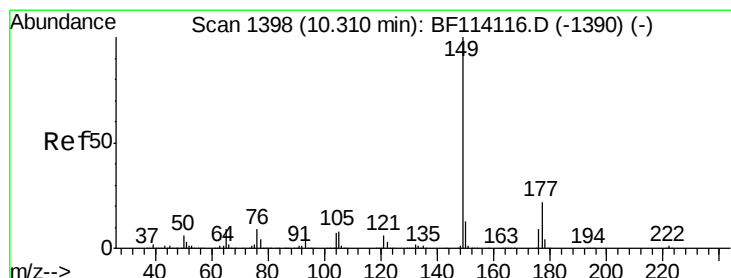
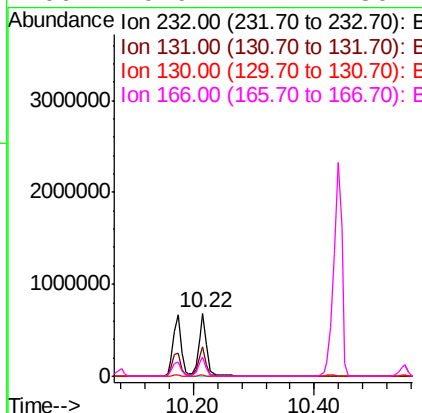
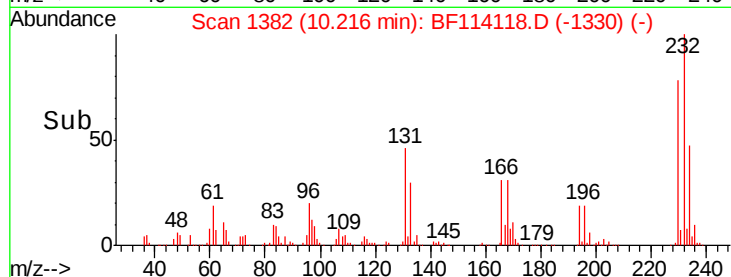
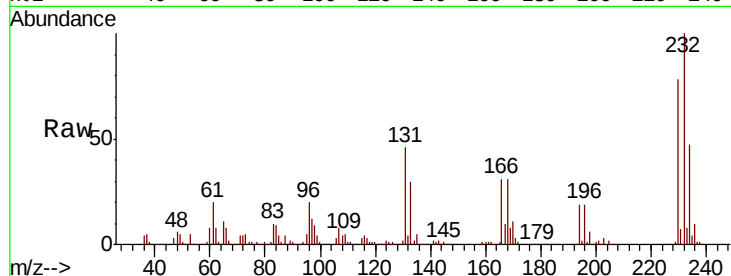




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.173 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

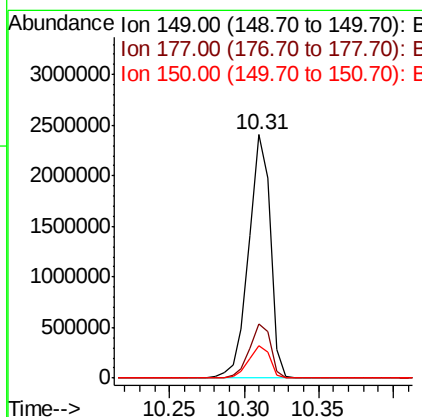
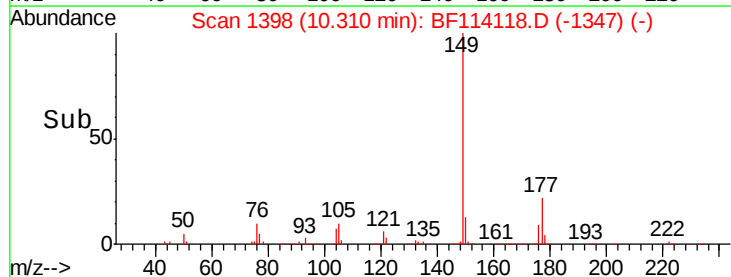
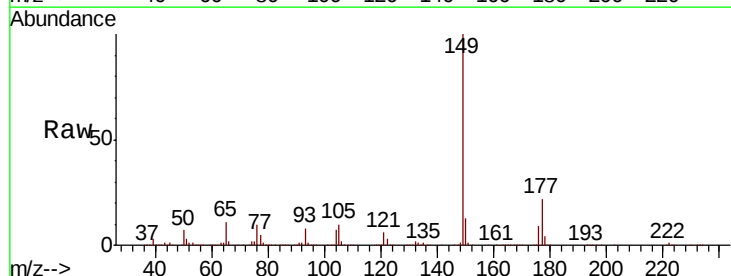
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

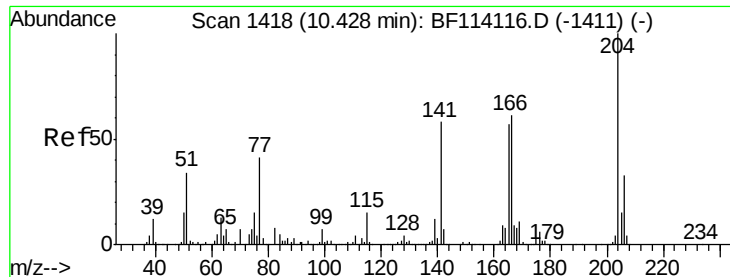
Tot Ion:232 Resp: 636639
Ion Ratio Lower Upper
232 100
131 43.9 35.6 53.4
130 2.3 1.6 2.4
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 58.298 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:149 Resp: 2390113
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 13.3 10.2 15.2

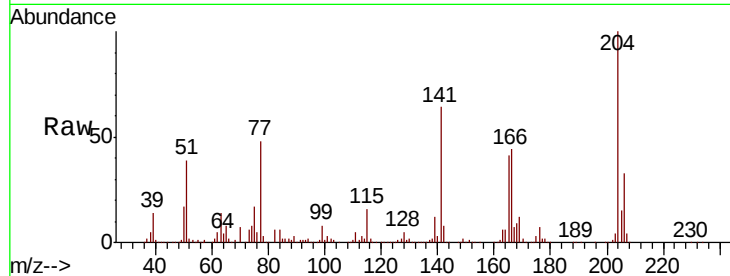




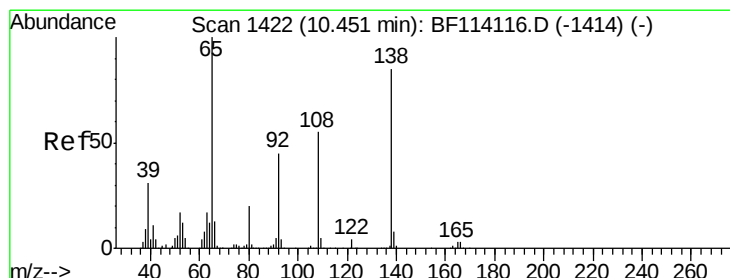
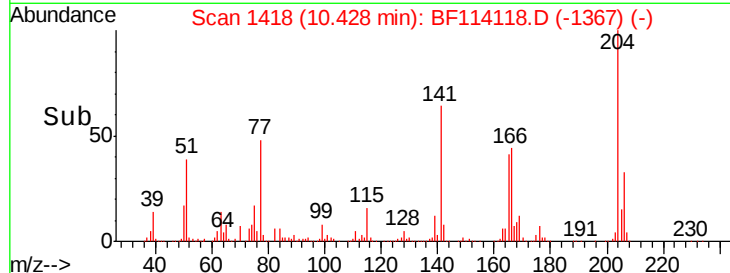
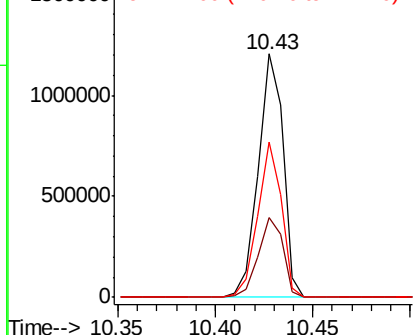
#61
4-Chlorophenyl-phenylether
Concen: 53.092 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:204 Resp: 1061959
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 63.7 46.4 69.6

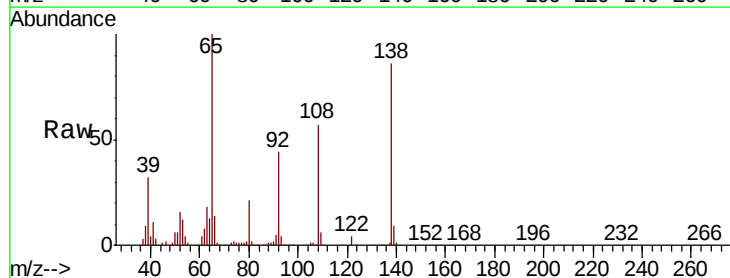


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

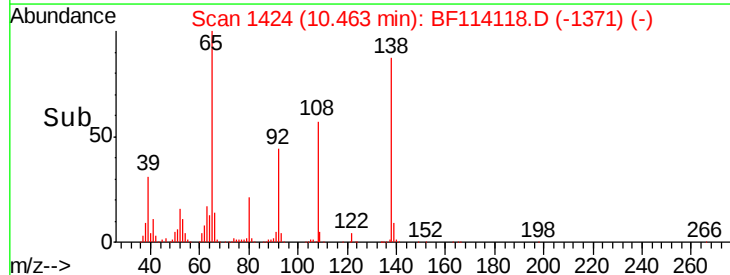
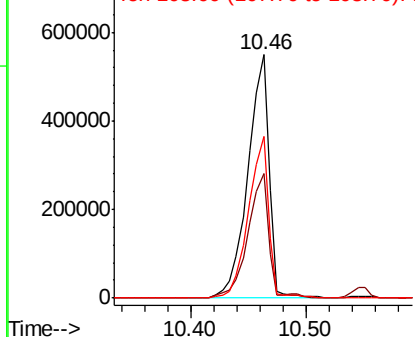


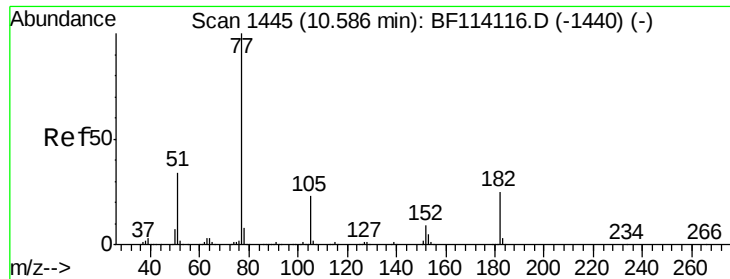
#62
4-Nitroaniline
Concen: 68.519 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:138 Resp: 702068
Ion Ratio Lower Upper
138 100
92 51.0 33.0 73.0
108 66.3 44.9 84.9



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





#63

Azobenzene

Concen: 58.597 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 77 Resp: 2302721

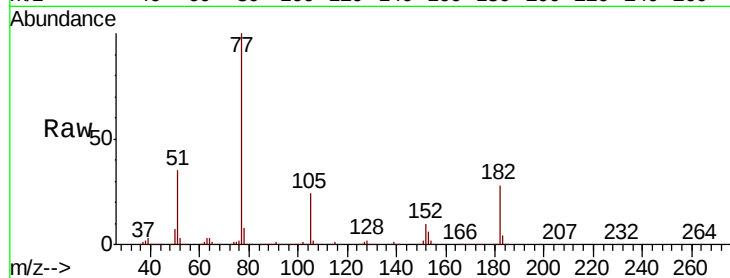
Ion Ratio Lower Upper

77 100

182 27.5 4.7 44.7

105 23.6 2.9 42.9

51 35.2 14.6 54.6

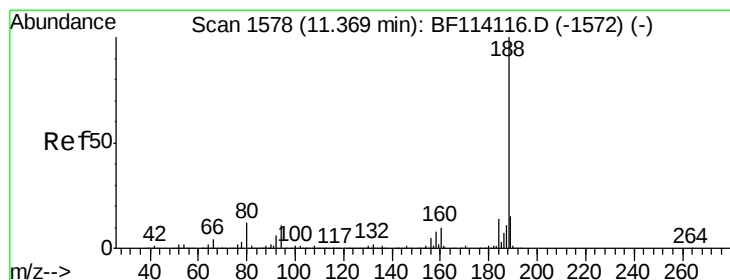
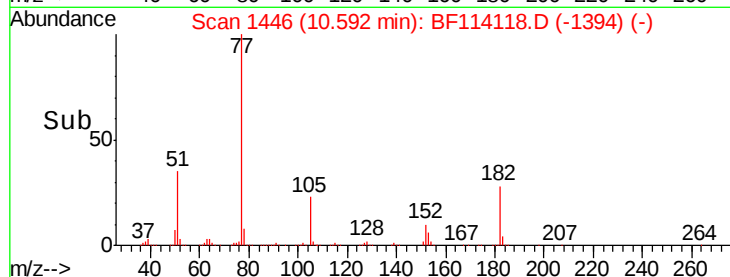
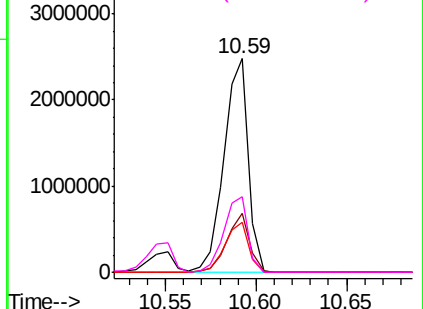


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

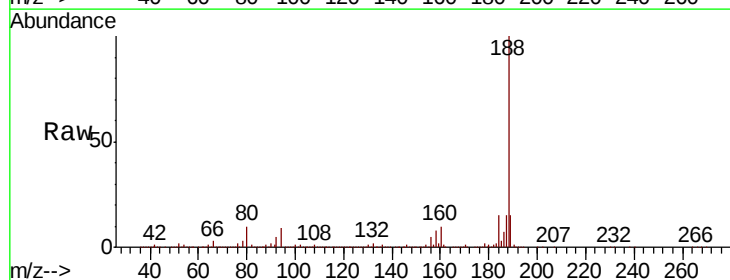
Tgt Ion: 188 Resp: 1128552

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

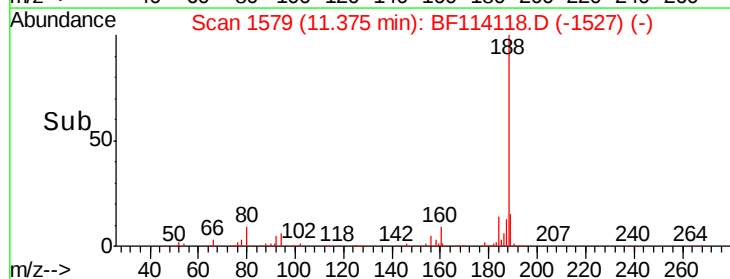
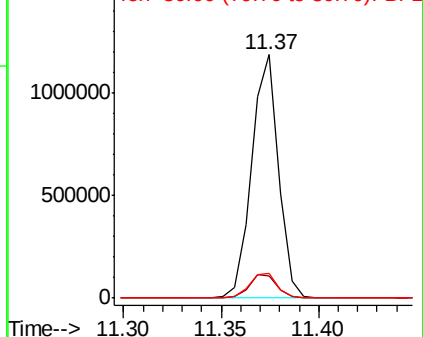
80 9.9 9.2 13.8

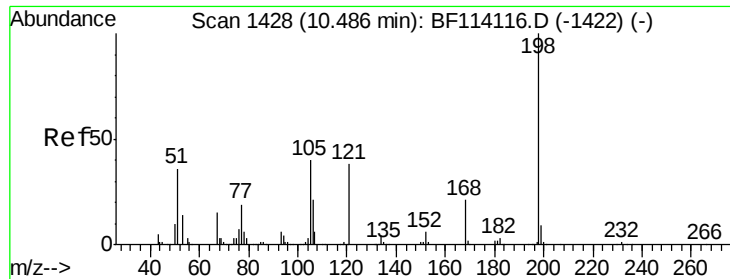


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 56.057 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

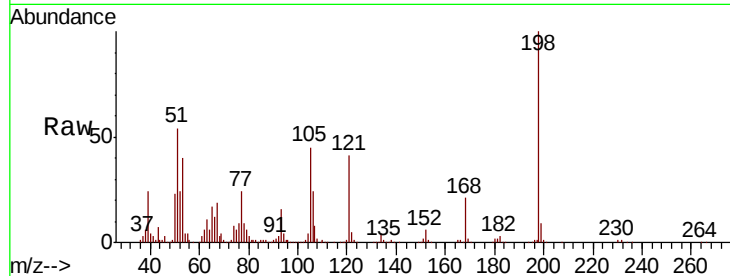
Tot Ion:198 Resp: 357708

Ion Ratio Lower Upper

198 100

51 54.2 28.0 68.0

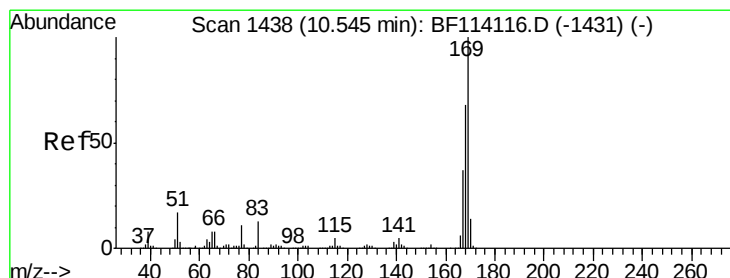
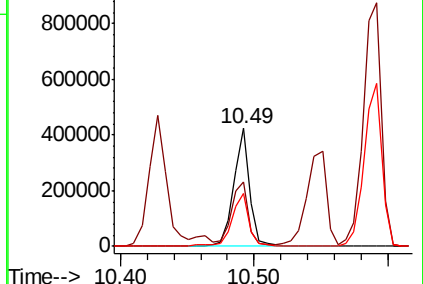
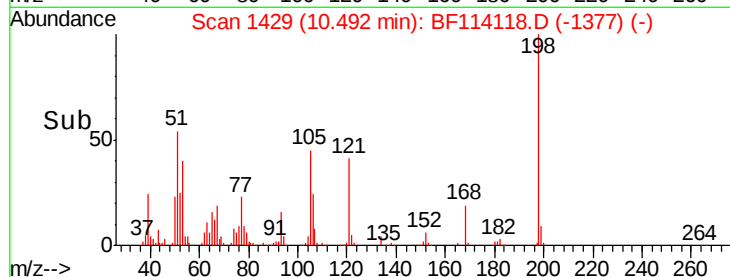
105 45.2 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 56.757 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

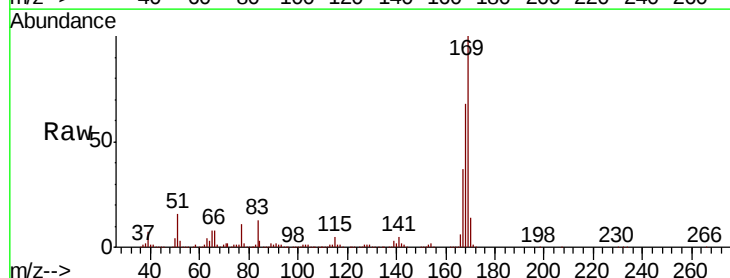
Tgt Ion:169 Resp: 1999598

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

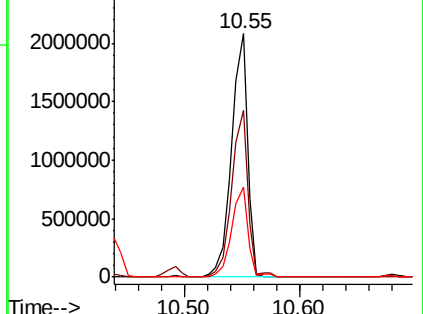
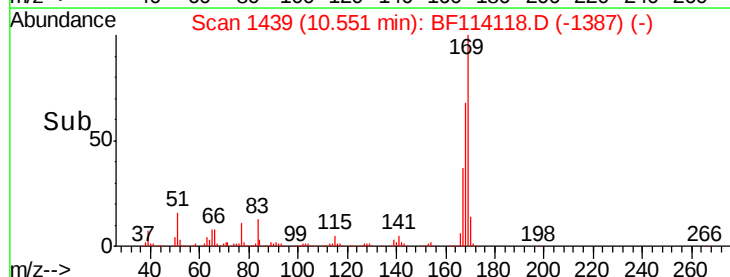
167 37.0 29.8 44.8

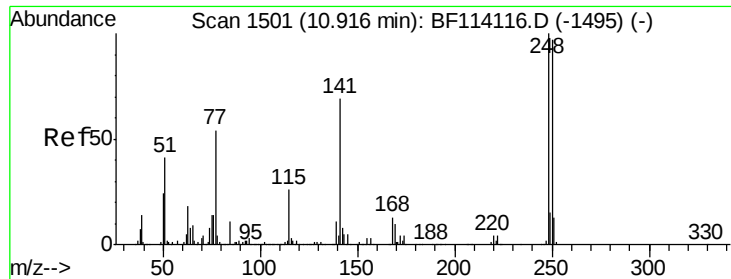


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

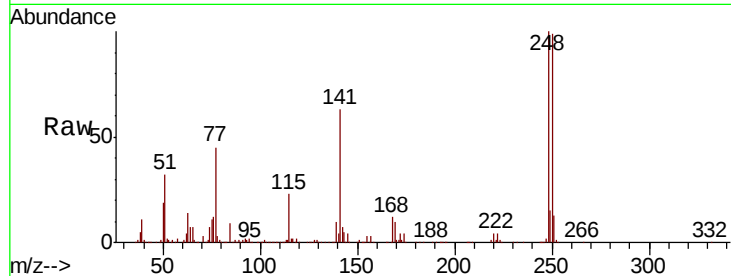




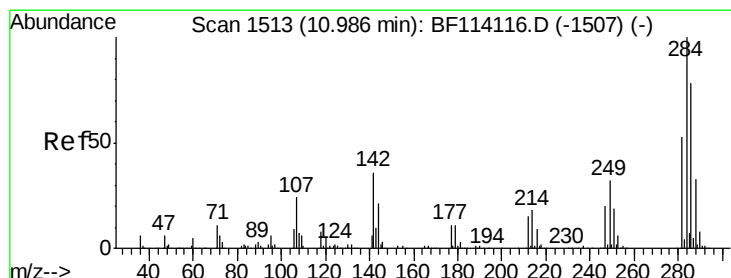
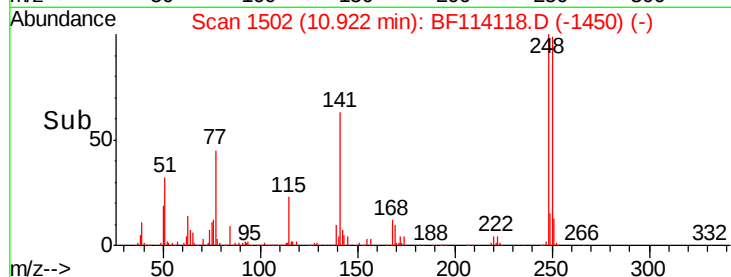
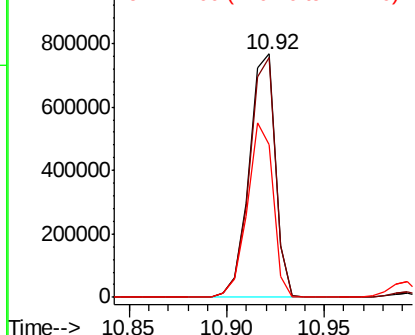
#67
4-Bromophenyl-phenylether
Concen: 51.240 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:248 Resp: 718161
Ion Ratio Lower Upper
248 100
250 98.5 77.4 116.2
141 62.8 55.6 83.4

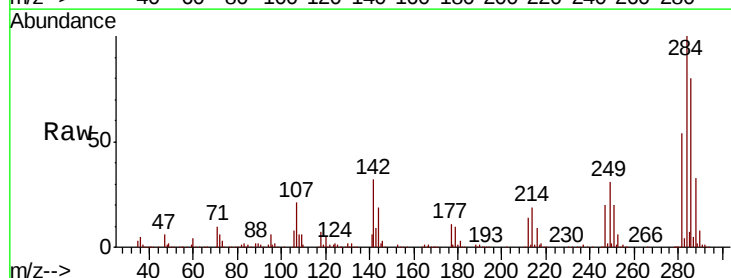


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

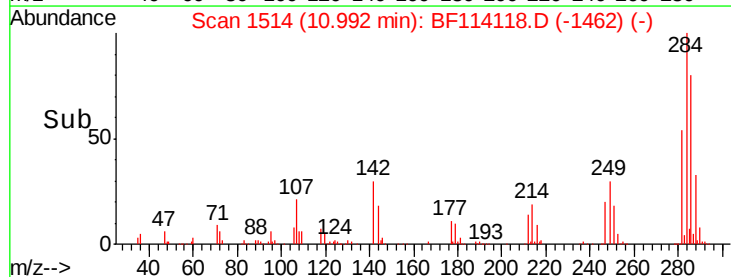
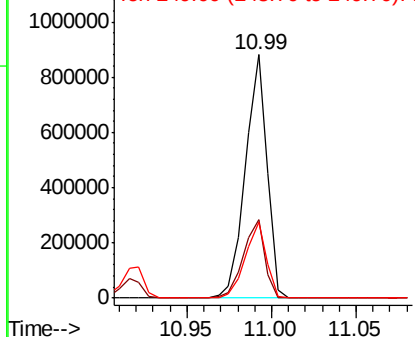


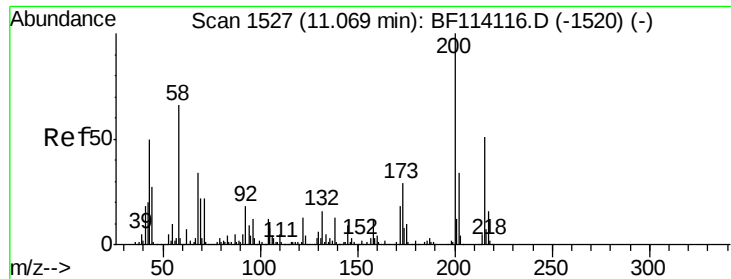
#68
Hexachlorobenzene
Concen: 51.301 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:284 Resp: 789381
Ion Ratio Lower Upper
284 100
142 32.1 28.4 42.6
249 31.0 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

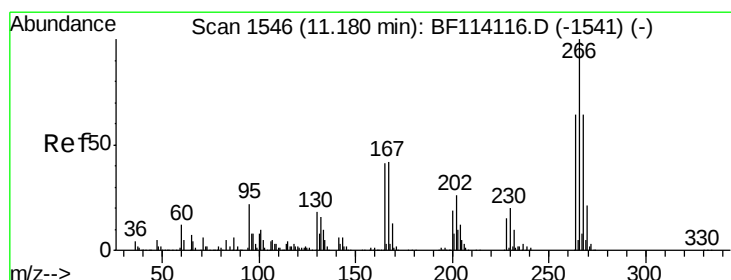
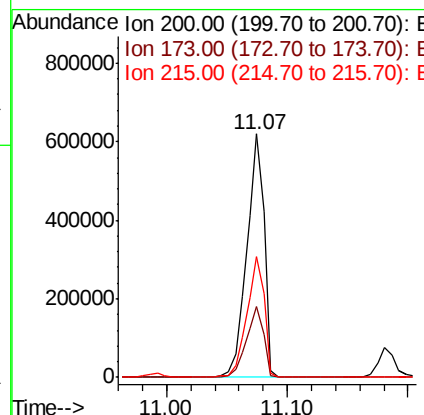
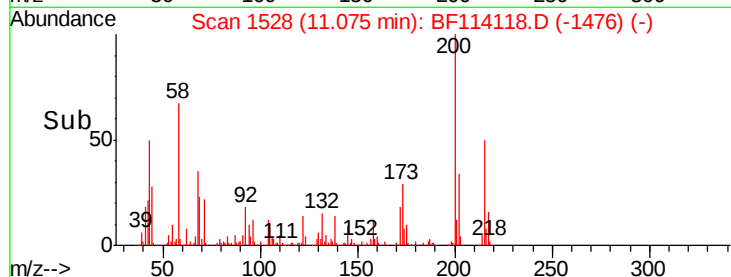
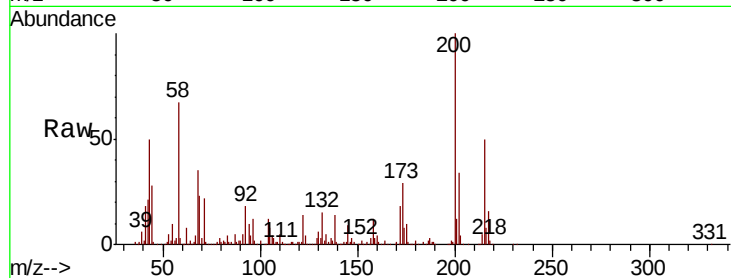




#69
Atrazine
Concen: 52.640 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

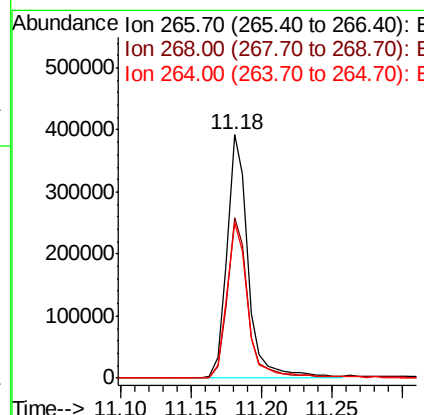
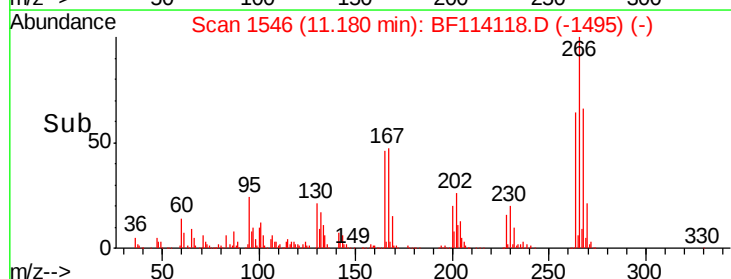
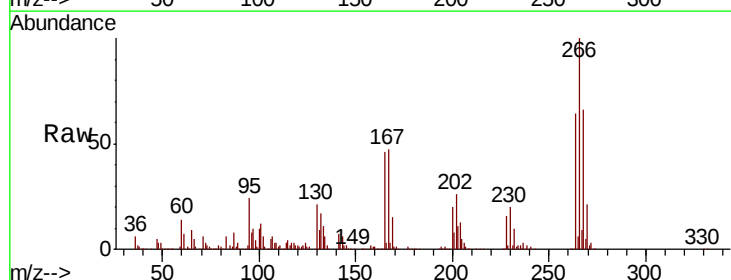
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

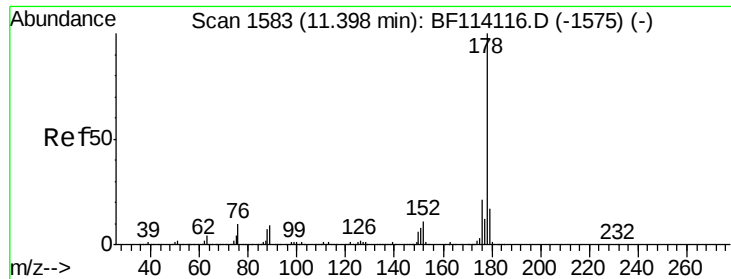
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.9	48.9
215	49.8	30.7	70.7



#70
Pentachlorophenol
Concen: 50.201 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	63.7	51.1	76.7

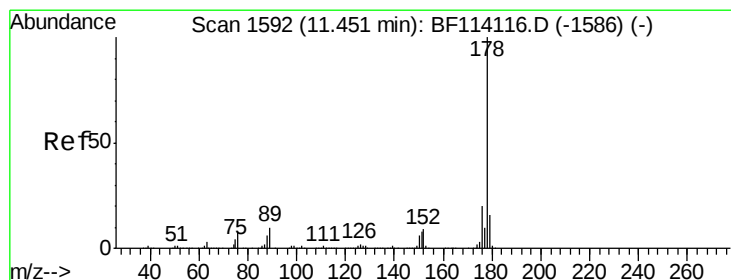
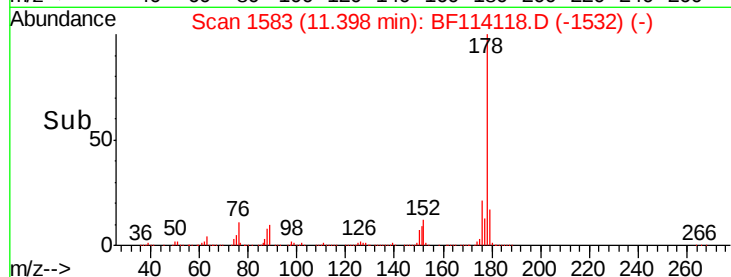
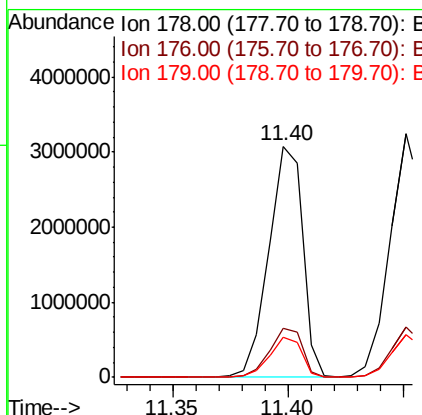
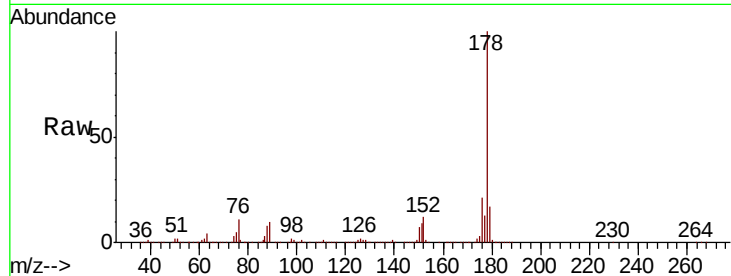




#71
Phenanthrene
Concen: 55.083 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

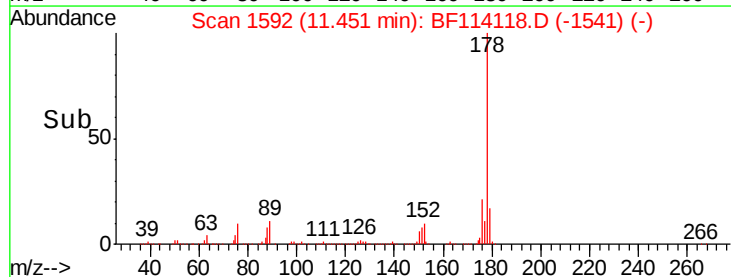
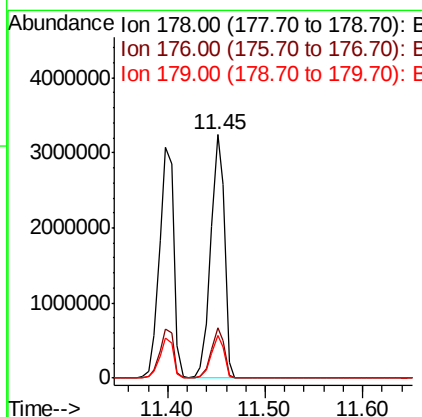
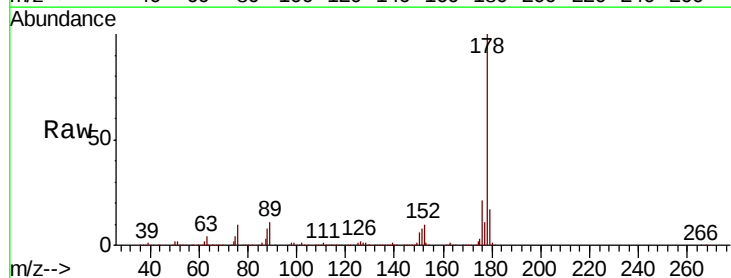
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

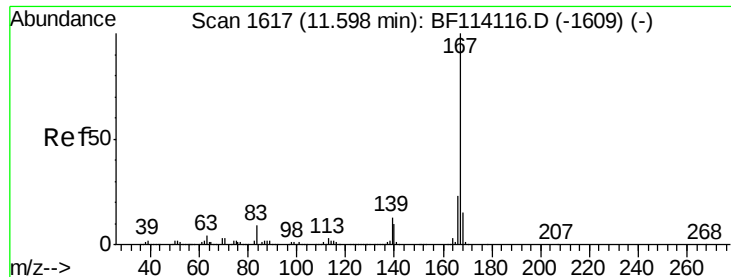
Tot Ion:178 Resp: 3144291
Ion Ratio Lower Upper
178 100
176 21.4 16.4 24.6
179 17.2 13.2 19.8



#72
Anthracene
Concen: 54.872 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:178 Resp: 3162760
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.8
179 17.4 13.0 19.4

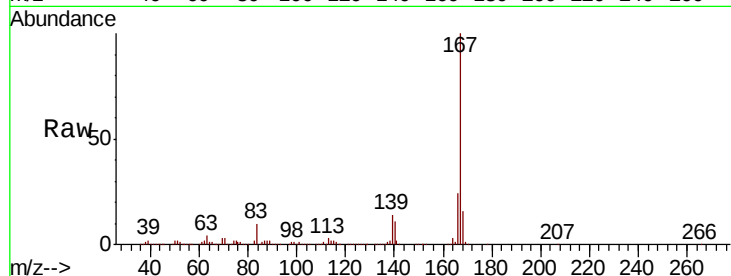




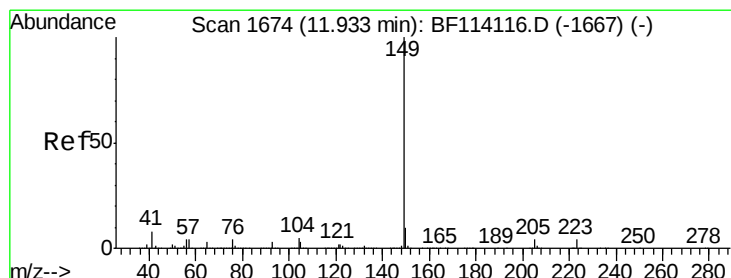
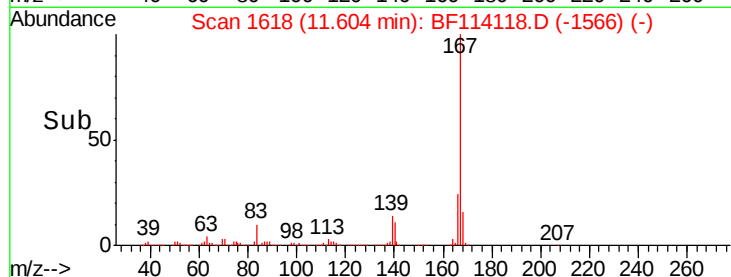
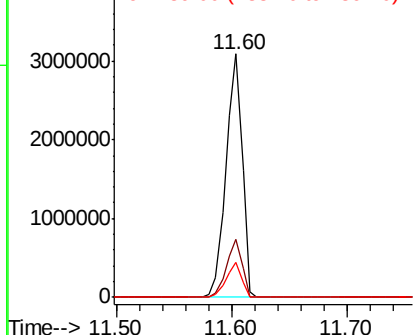
#73
 Carbazole
 Concen: 58.918 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:167 Resp: 2997237
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.2
 139 14.2 10.6 16.0

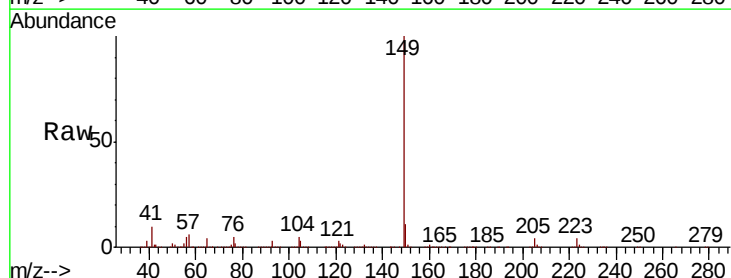


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

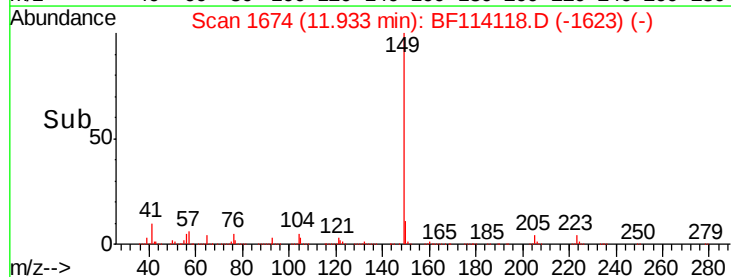
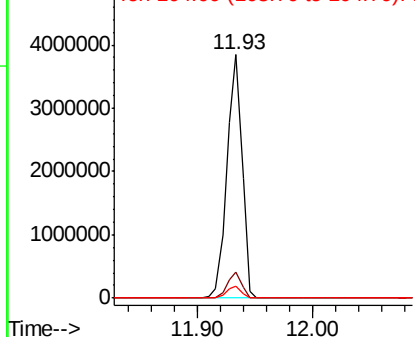


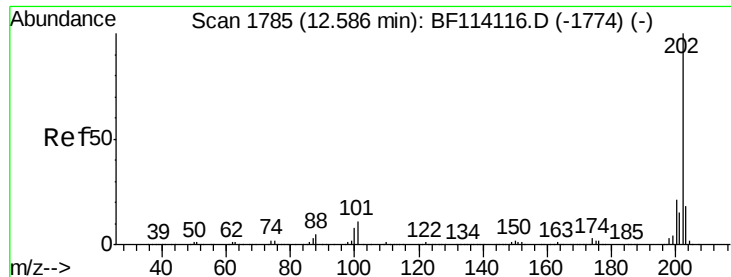
#74
 Di-n-butylphthalate
 Concen: 55.795 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:149 Resp: 3463887
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.7 11.5
 104 5.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

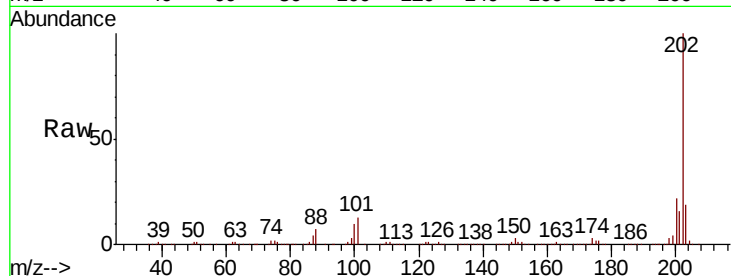




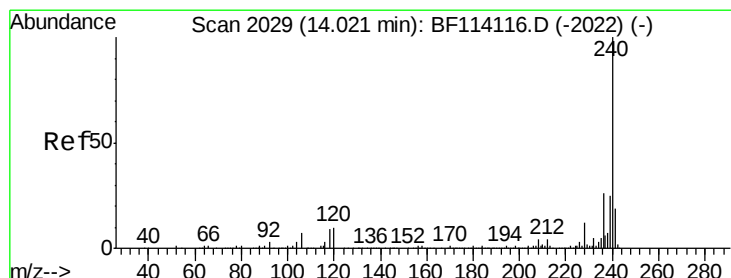
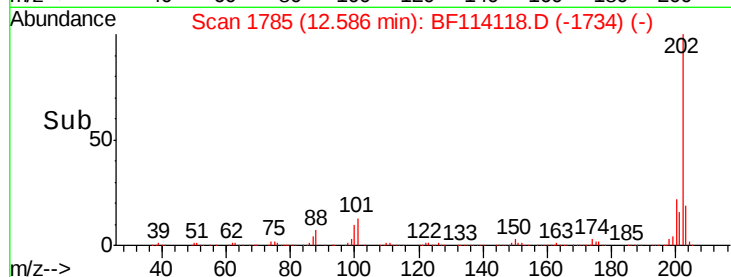
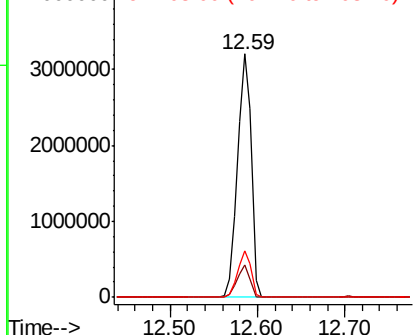
#75
Fluoranthene
Concen: 56.134 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:202 Resp: 3400699
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.0
203 19.4 0.0 38.4

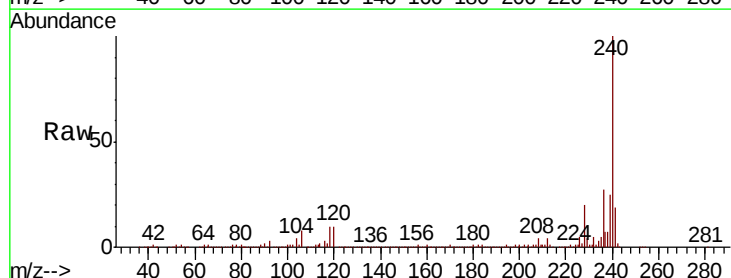


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

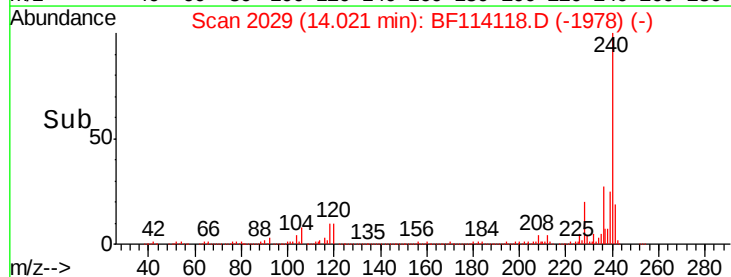
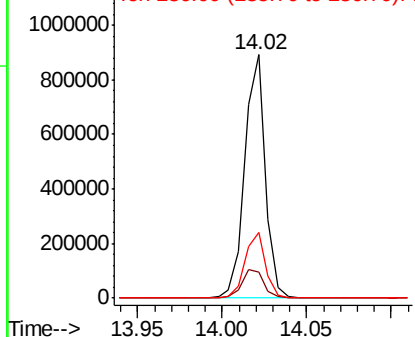


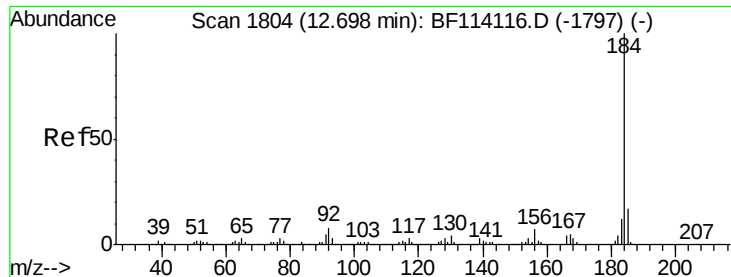
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:240 Resp: 756926
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 27.0 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





#77

Benzidine

Concen: 87.338 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

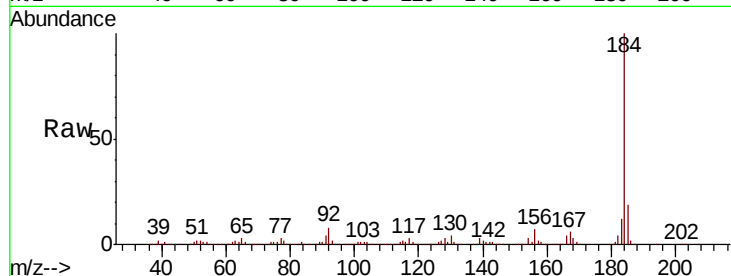
Tot Ion:184 Resp: 1903020

Ion Ratio Lower Upper

184 100

185 18.7 13.6 20.4

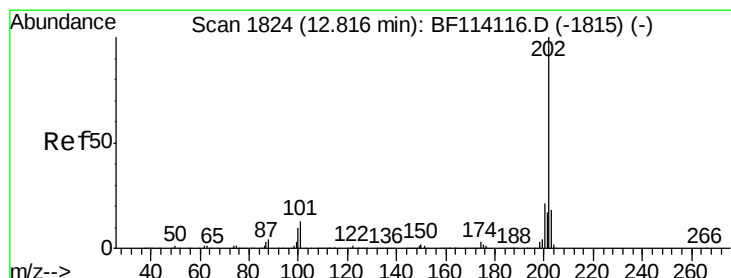
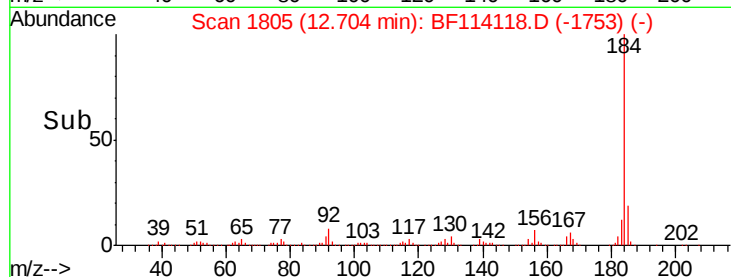
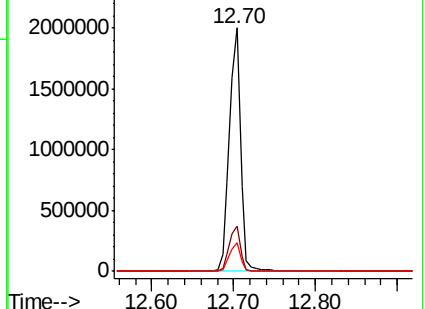
183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.864 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

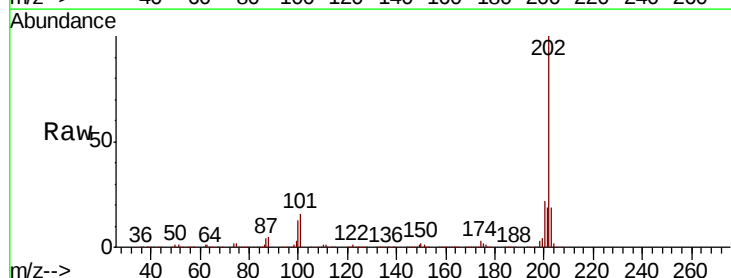
Tgt Ion:202 Resp: 3468798

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

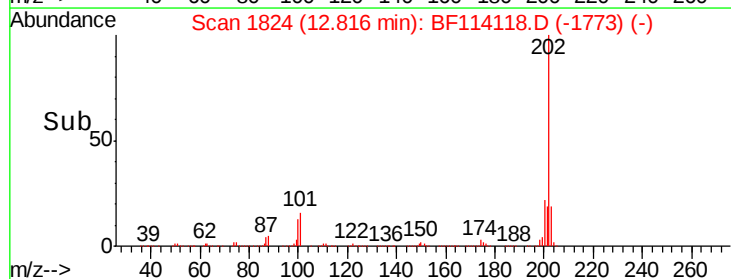
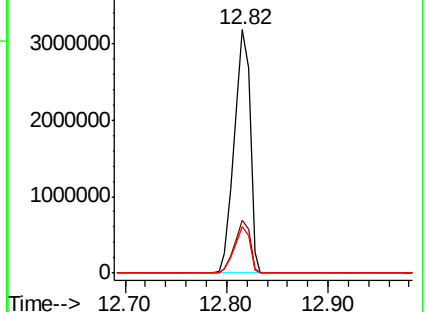
203 19.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.946 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

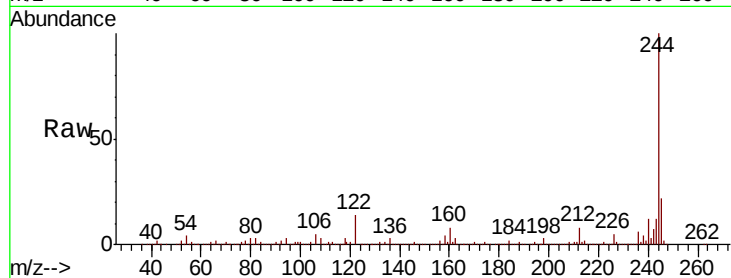
Tot Ion:244 Resp: 3995197

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

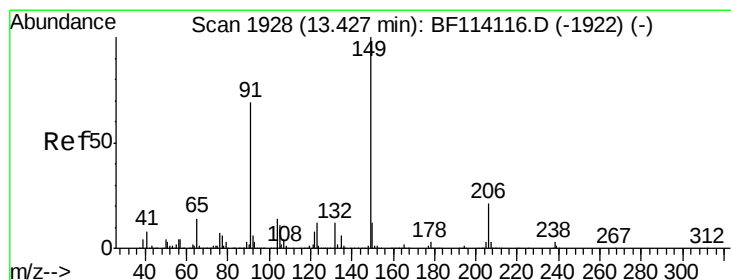
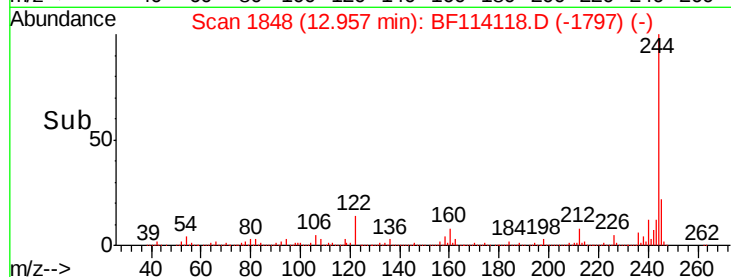
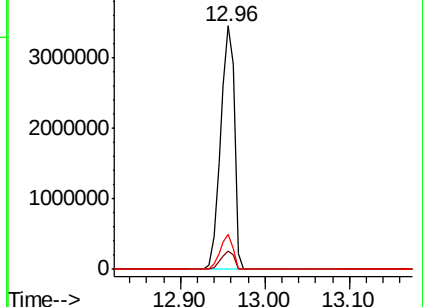
122 14.4 9.4 14.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 69.576 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

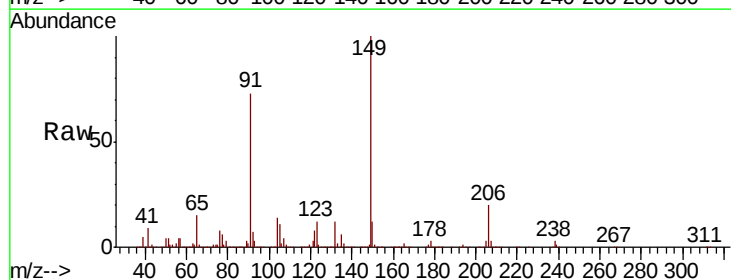
Tgt Ion:149 Resp: 1580639

Ion Ratio Lower Upper

149 100

91 73.2 55.0 82.4

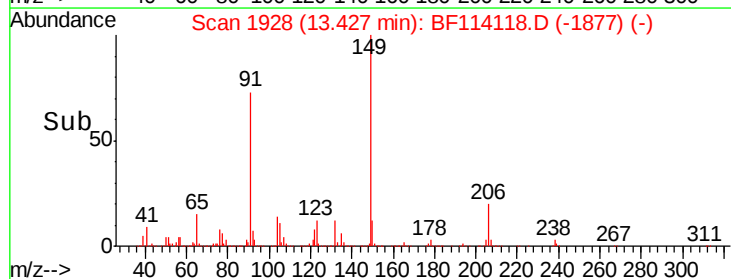
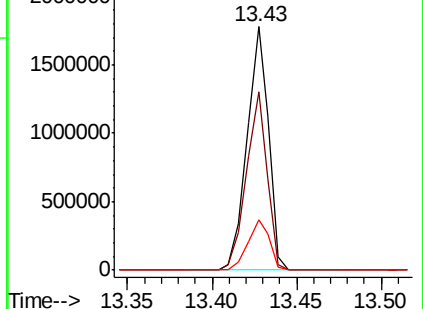
206 20.4 16.9 25.3

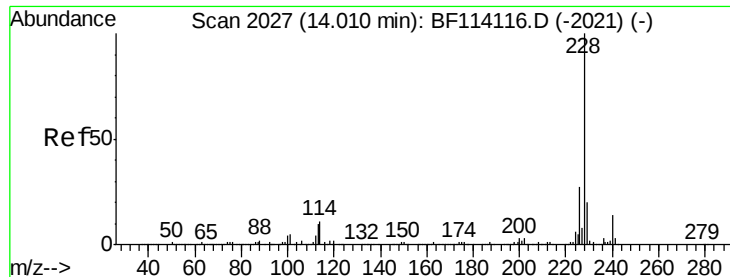


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.975 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

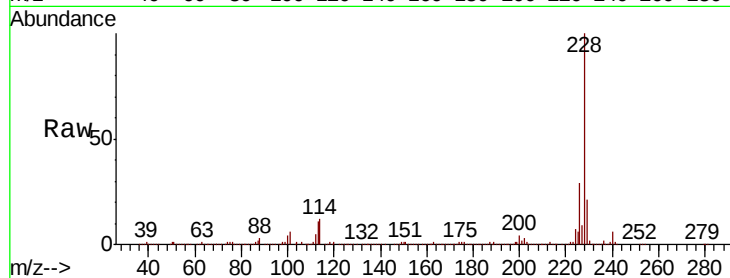
Tot Ion:228 Resp: 2842761

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.2

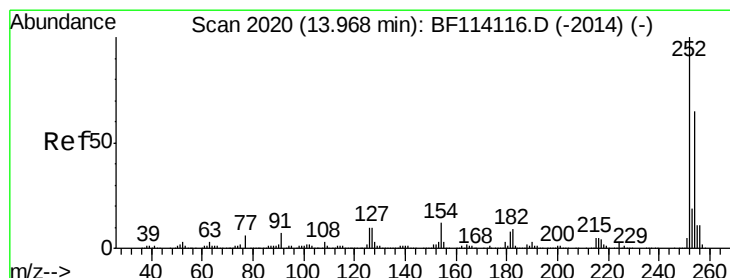
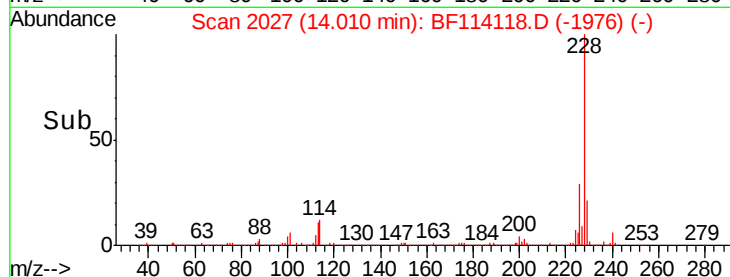
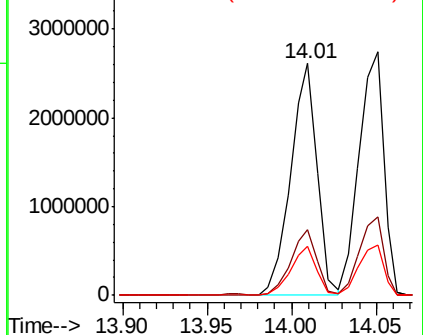
229 20.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 63.006 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

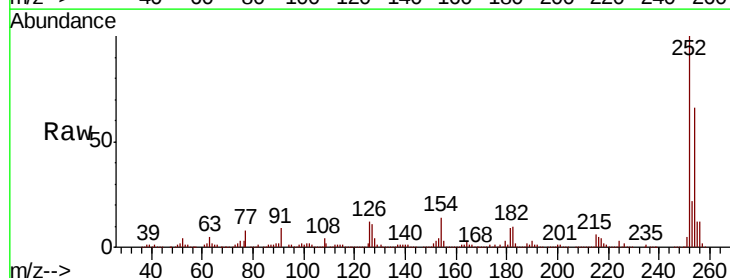
Tgt Ion:252 Resp: 1131614

Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

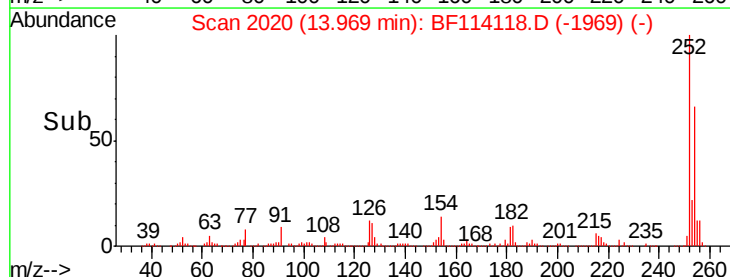
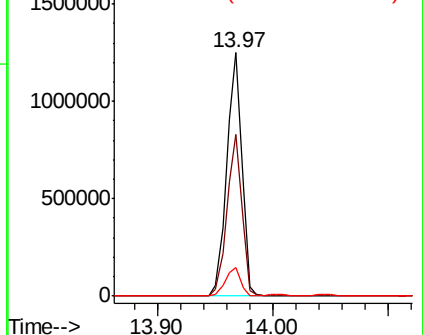
126 11.7 7.9 11.9

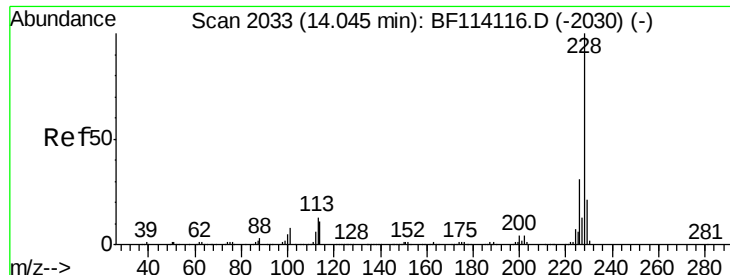


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 58.543 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

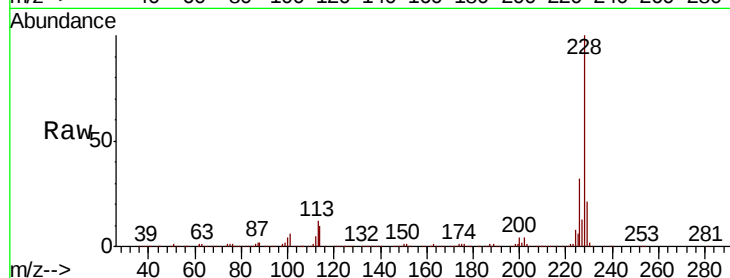
BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 2798387

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.8	17.0	25.6

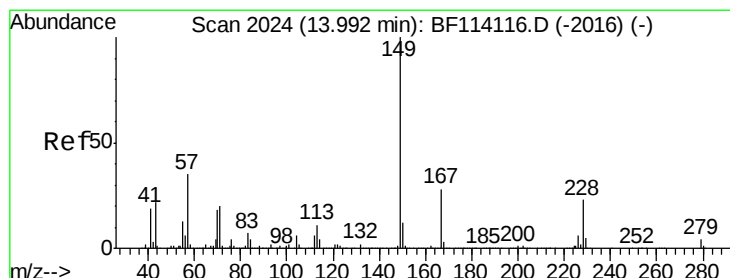
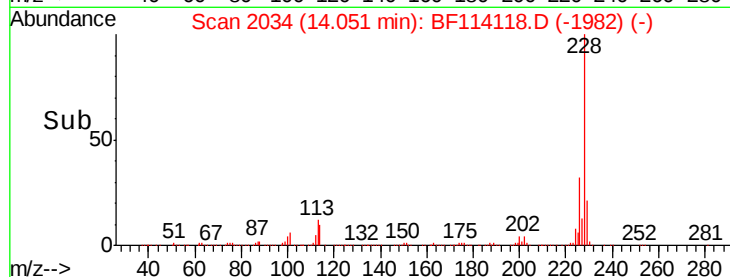
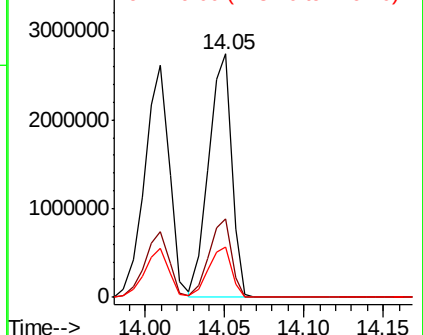


Abundance

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: 62.735 ng

RT: 13.99 min Scan# 2024

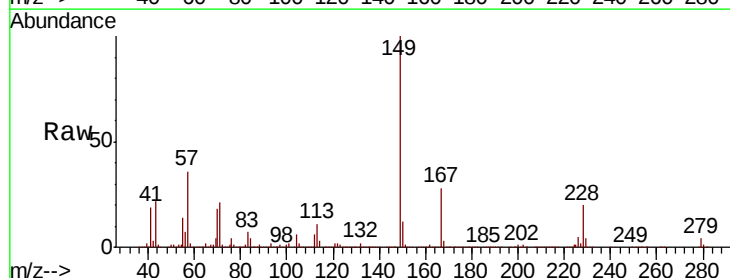
Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:149 Resp: 1992093

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	3.9	3.0	4.6

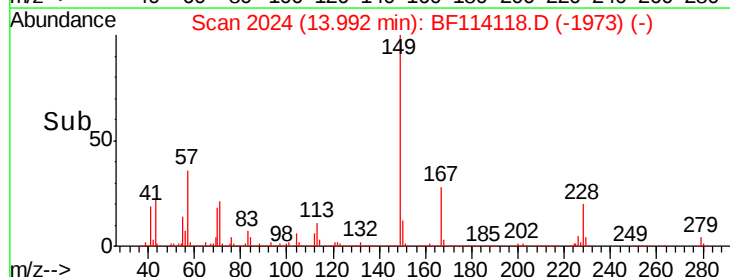
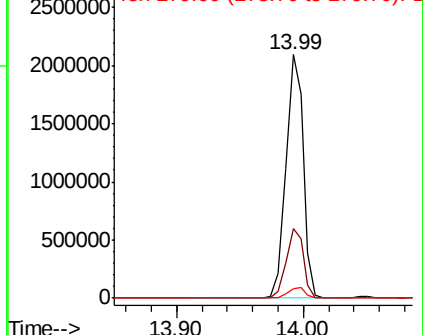


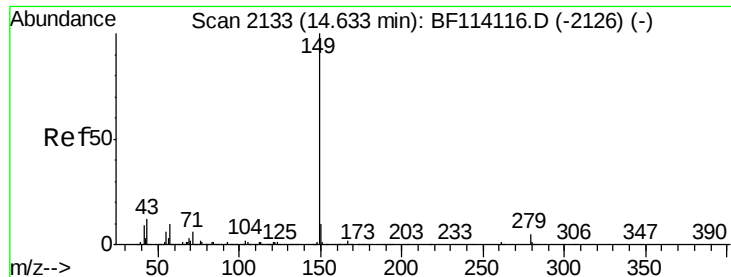
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 61.948 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

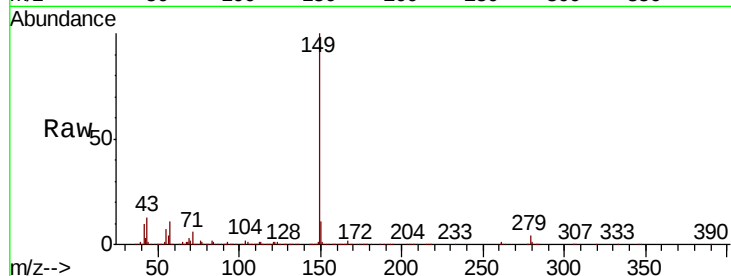
BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 3259857

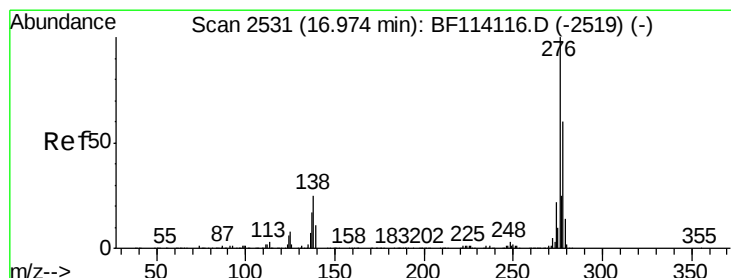
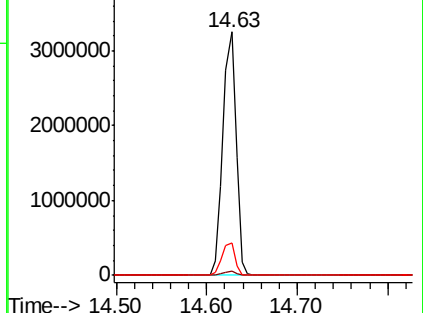
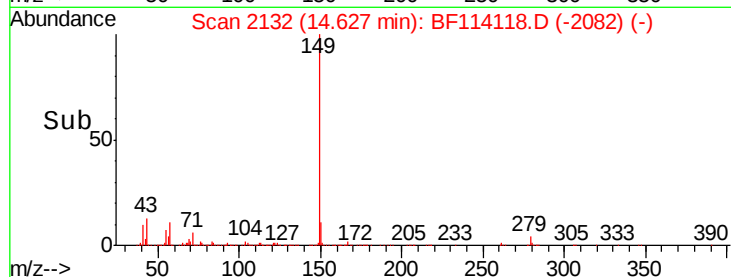
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.2	10.1	15.1



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: 56.353 ng

RT: 16.97 min Scan# 2531

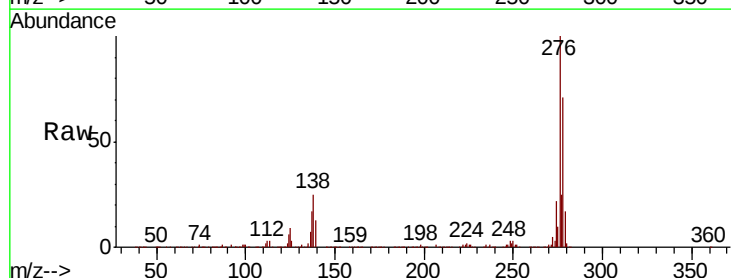
Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:276 Resp: 2483003

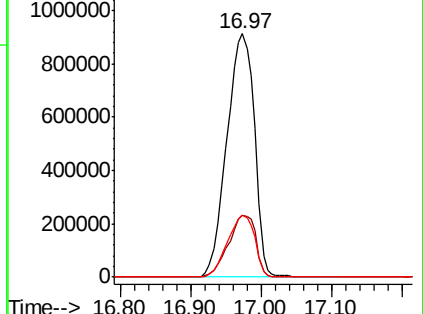
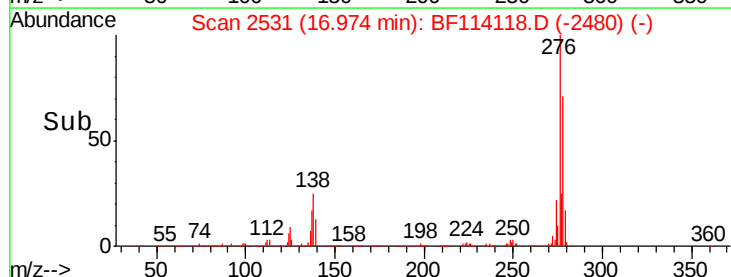
Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.2
277	25.2	20.0	30.0

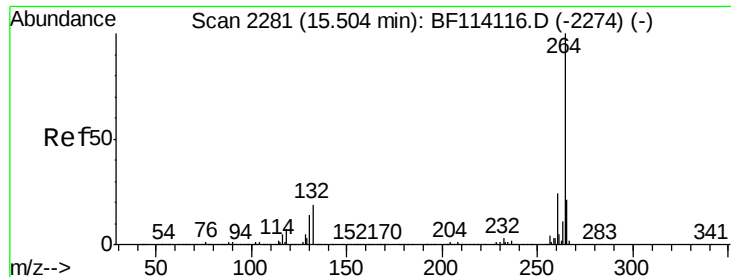


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

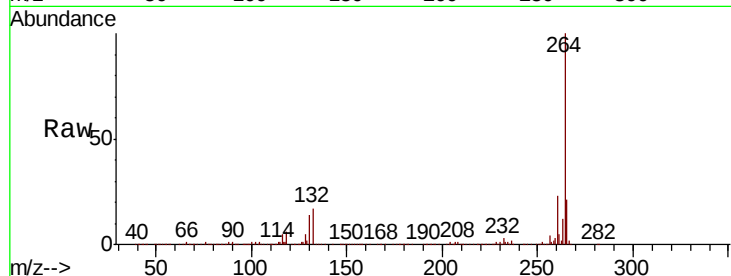
Tot Ion:264 Resp: 715142

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.0

265 21.1 16.9 25.3

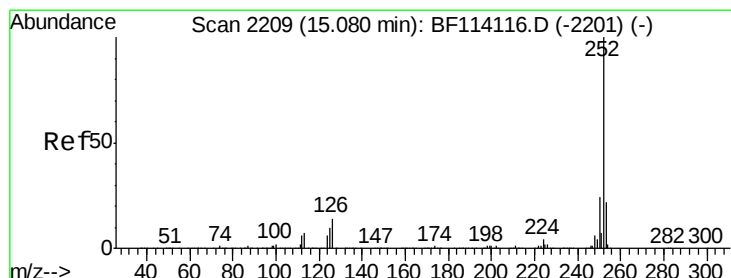
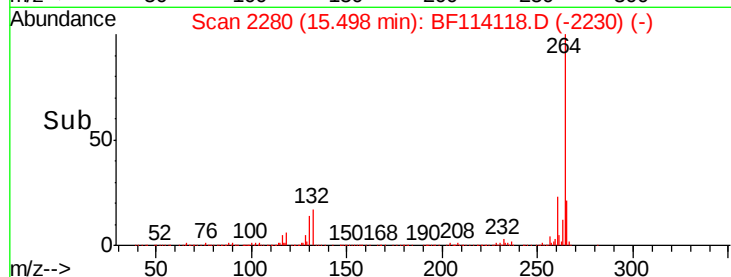
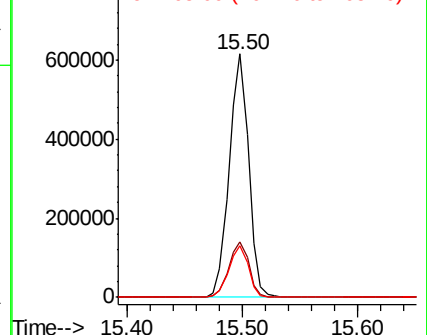


Abundance

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: 64.773 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

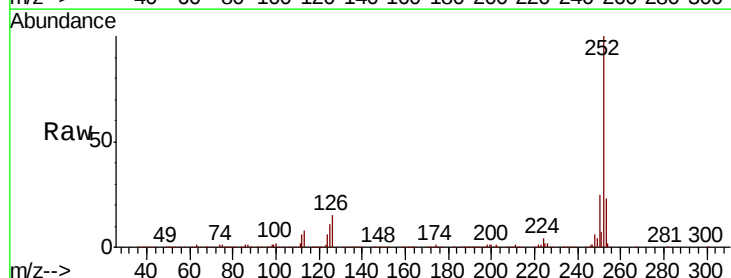
Tgt Ion:252 Resp: 2878155

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.3 8.3 12.5

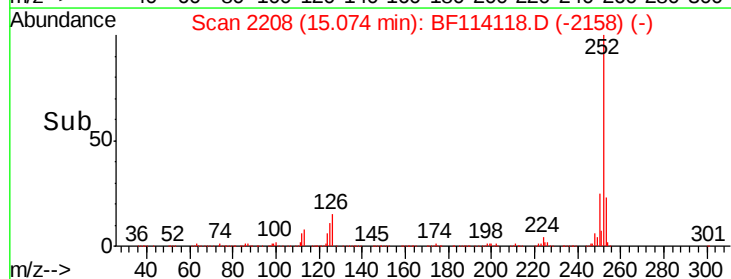
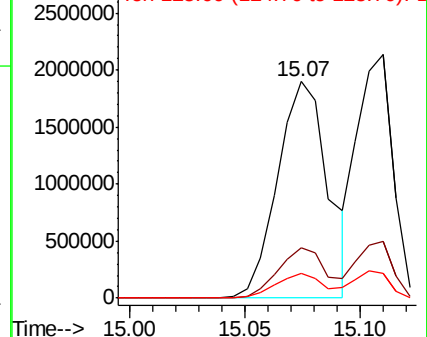


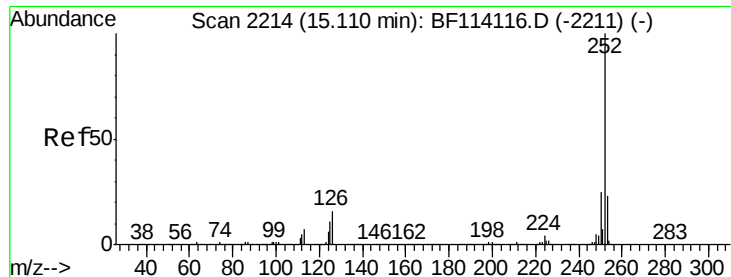
Abundance

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: 58.911 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

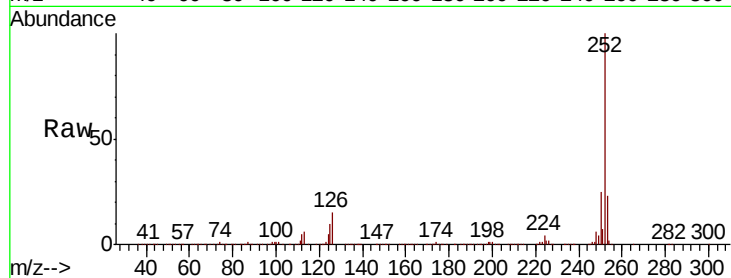
Tot Ion:252 Resp: 2309979

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

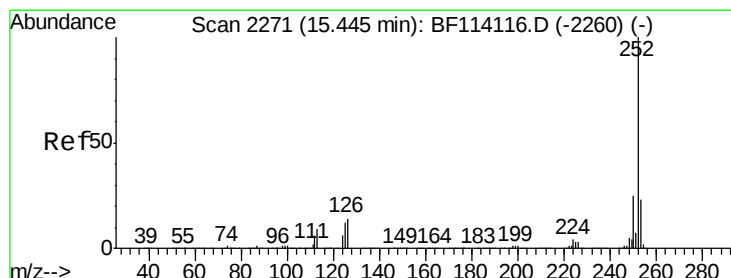
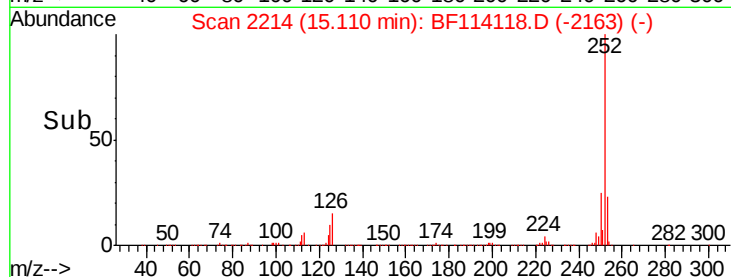
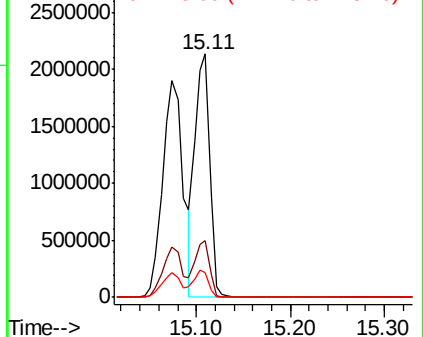
125 10.2 8.6 13.0



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: 60.837 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

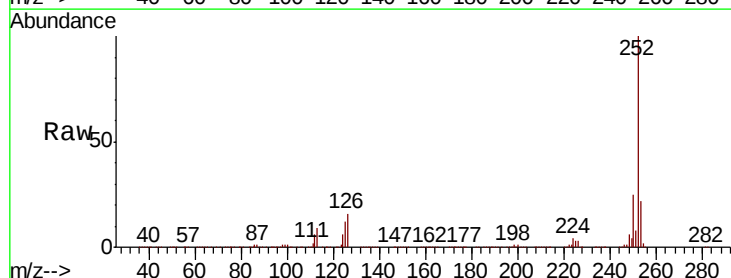
Tgt Ion:252 Resp: 2376651

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

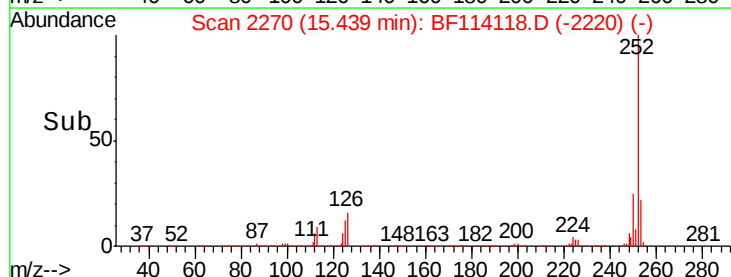
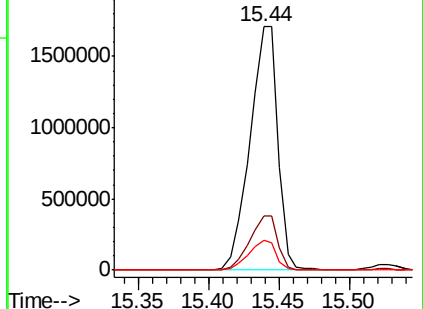
125 12.3 9.5 14.3

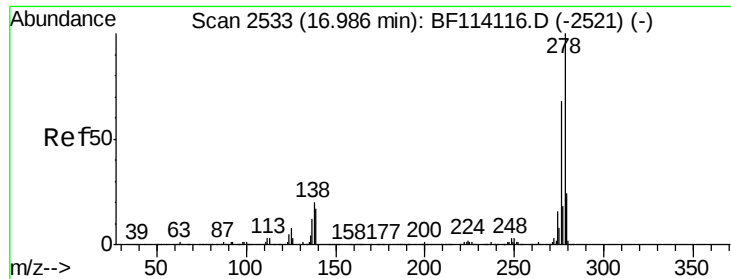


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 60.712 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

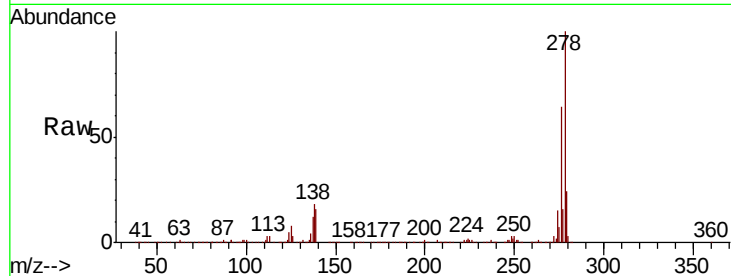
BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:278 Resp: 1993307

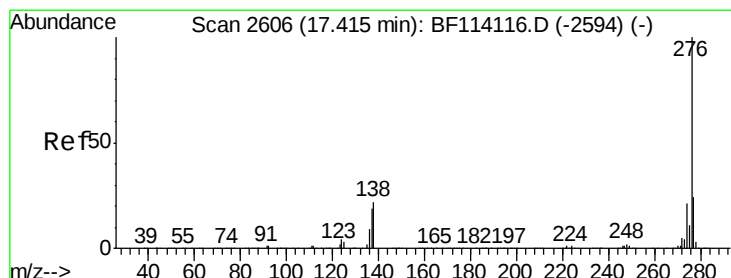
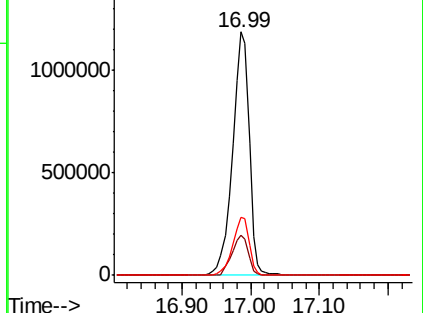
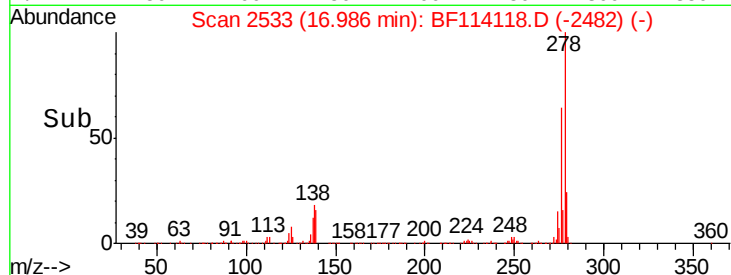
Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	24.1	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 63.119 ng

RT: 17.42 min Scan# 2606

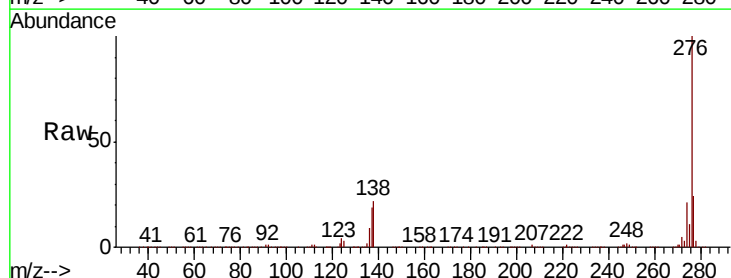
Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:276 Resp: 2041918

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.7	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

