

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112372.D
 Acq On : 4 Feb 2019 9:39
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 04 10:42:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	177927	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	681262	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	326793	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	578962	20.00	ng	0.00
76) Chrysene-d12	14.00	240	381864	20.00	ng	0.00
87) Perylene-d12	15.47	264	368696	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	773621	92.35	ng	-0.01
7) Phenol-d6	6.49	99	927175	79.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	886972	75.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	282566	74.29	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1750592	75.76	ng	0.00
79) Terphenyl-d14	12.94	244	1591658	78.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	159876	47.911	ng	96
3) Pyridine	3.33	79	406349	47.871	ng	96
4) n-Nitrosodimethylamine	3.28	42	166874	46.793	ng	91
6) Aniline	6.50	93	556288	40.175	ng	# 66
8) 2-Chlorophenol	6.63	128	446435	39.617	ng	99
9) Benzaldehyde	6.39	77	242425	39.847	ng	94
10) Phenol	6.50	94	504371	39.496	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	392631	39.053	ng	98
12) 1,3-Dichlorobenzene	6.78	146	513785	39.149	ng	99
13) 1,4-Dichlorobenzene	6.86	146	516554	38.245	ng	98
14) 1,2-Dichlorobenzene	7.01	146	485573	38.398	ng	97
15) Benzyl Alcohol	6.99	79	366119	37.313	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	499995	38.733	ng	71
17) 2-Methylphenol	7.10	107	329977	36.939	ng	93
18) Hexachloroethane	7.35	117	177172	37.355	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	300737	37.469	ng	96
20) 3+4-Methylphenols	7.26	107	438130	38.354	ng	# 82
22) Acetophenone	7.25	105	618870	37.306	ng	96
24) Nitrobenzene	7.43	77	442415	37.467	ng	95
25) Isophorone	7.66	82	693552	37.391	ng	98
26) 2-Nitrophenol	7.74	139	237121	37.576	ng	92
27) 2,4-Dimethylphenol	7.78	122	331291	38.104	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	482832	38.230	ng	99
29) 2,4-Dichlorophenol	7.99	162	380925	39.151	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	433270	38.741	ng	99
31) Naphthalene	8.15	128	1195276	37.518	ng	99
32) Benzoic acid	7.92	122	121456	24.490	ng	99
33) 4-Chloroaniline	8.19	127	526597	37.961	ng	97
34) Hexachlorobutadiene	8.26	225	250438	38.160	ng	99
35) Caprolactam	8.57	113	128097	37.321	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	378870	36.784	ng	97
37) 2-Methylnaphthalene	8.83	142	814308	37.337	ng	97
38) 1-Methylnaphthalene	8.93	142	773393	36.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	421547	39.288	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	28382	15.654	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	261042	39.468	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	264007	38.193	ng	97
46) 1,1'-Biphenyl	9.30	154	1108250	38.791	ng	99
47) 2-Chloronaphthalene	9.33	162	851588	38.438	ng	98
48) 2-Nitroaniline	9.42	65	232897	38.569	ng	91
49) Acenaphthylene	9.74	152	1237650	38.114	ng	98
50) Dimethylphthalate	9.59	163	980598	38.621	ng	99
51) 2,6-Dinitrotoluene	9.66	165	217109	38.180	ng	# 83
52) Acenaphthene	9.91	154	738953	38.094	ng	99
53) 3-Nitroaniline	9.84	138	233390	37.885	ng	99
54) 2,4-Dinitrophenol	9.96	184	26492	14.517	ng	87
55) Dibenzofuran	10.09	168	1114680	37.603	ng	98
56) 4-Nitrophenol	10.02	139	92624	28.438	ng	96
57) 2,4-Dinitrotoluene	10.07	165	269990	37.295	ng	# 88
58) Fluorene	10.43	166	844120	38.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	200593	38.400	ng	97
60) Diethylphthalate	10.29	149	985441	39.110	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	462864	38.358	ng	97
62) 4-Nitroaniline	10.45	138	220982	36.571	ng	96
63) Azobenzene	10.57	77	843921	38.083	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	77554	23.892	ng	89
66) n-Nitrosodiphenylamine	10.53	169	803445	41.176	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	279053	40.980	ng	98
68) Hexachlorobenzene	10.98	284	290420	39.753	ng	99
69) Atrazine	11.06	200	253805	40.311	ng	96
70) Pentachlorophenol	11.18	266	96780	34.045	ng	98
71) Phenanthrene	11.39	178	1129262	37.518	ng	98
72) Anthracene	11.44	178	1145433	38.203	ng	99
73) Carbazole	11.60	167	1086894	36.750	ng	99
74) Di-n-butylphthalate	11.92	149	1468005	39.989	ng	99
75) Fluoranthene	12.57	202	1038130	32.157	ng	99
77) Benzdine	12.69	184	395043	37.587	ng	96
78) Pyrene	12.80	202	1042274	39.423	ng	98
80) Butylbenzylphthalate	13.41	149	514014	40.185	ng	92
81) Benzo(a)anthracene	13.99	228	856659	38.162	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	325413	38.735	ng	99
83) Chrysene	14.03	228	809383	37.773	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	711047	39.161	ng	98
85) Di-n-octyl phthalate	14.58	149	1028360	36.812	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	750593	44.207	ng	97
88) Benzo(b)fluoranthene	15.04	252	777164	35.246	ng	100
89) Benzo(k)fluoranthene	15.07	252	826115	39.114	ng	98
90) Benzo(a)pyrene	15.42	252	757744	38.192	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	645711	40.382	ng	98
92) Benzo(g,h,i)perylene	17.40	276	584599	38.751	ng	98

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

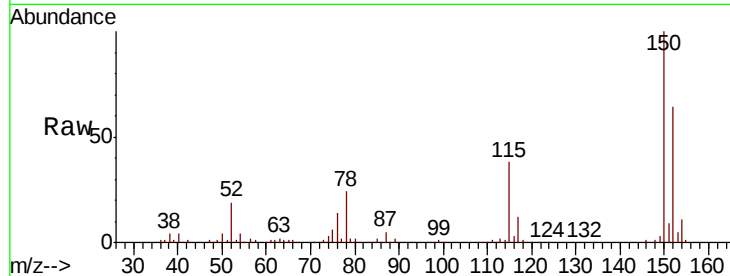


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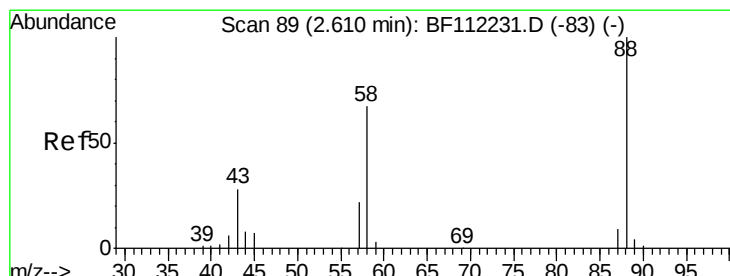
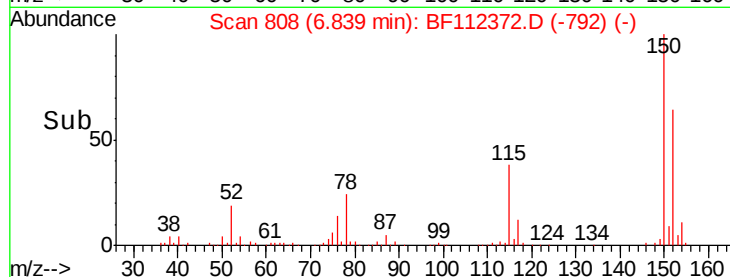
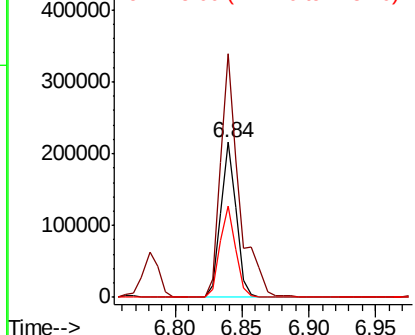
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 177927
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 59.4 45.5 68.3



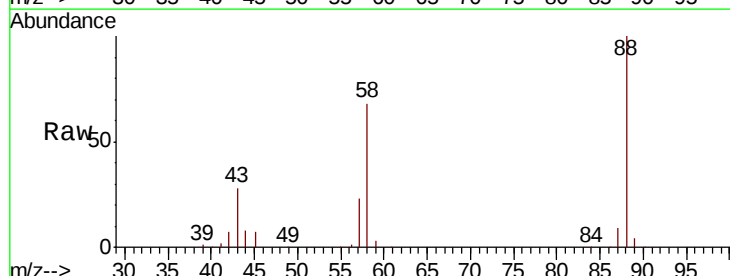
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



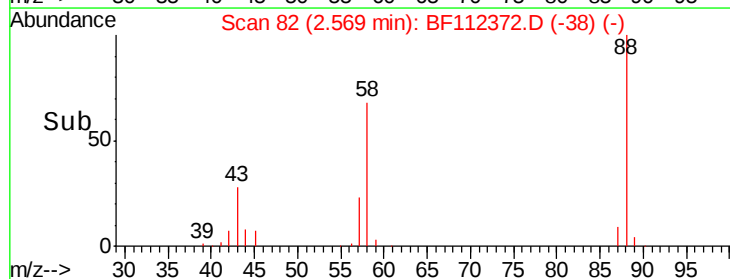
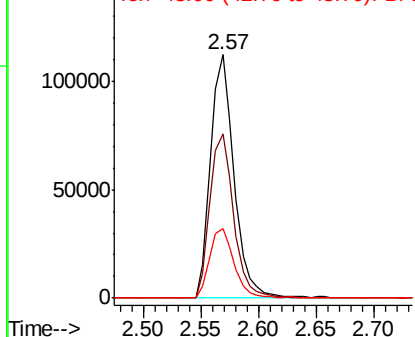
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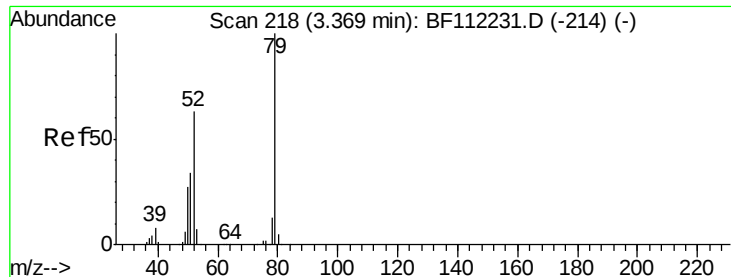
1,4-Dioxane
Concen: 47.911 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion: 88 Resp: 159876
Ion Ratio Lower Upper
88 100
58 68.3 57.4 86.2
43 29.6 22.2 33.4



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

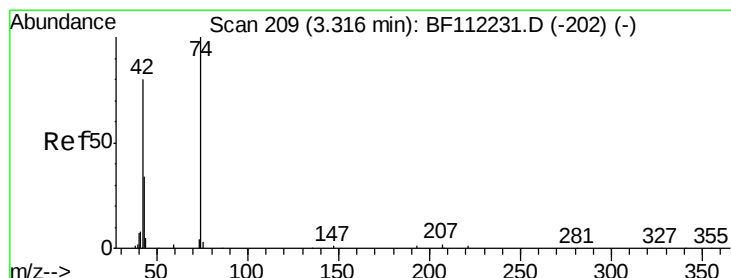
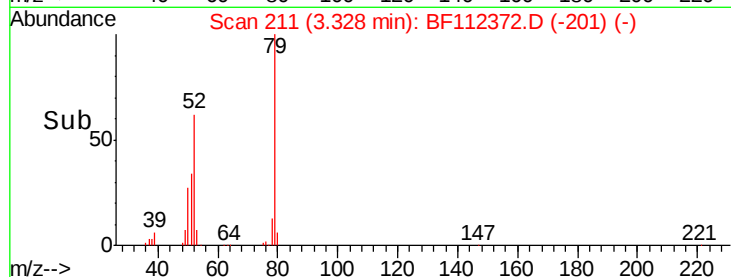
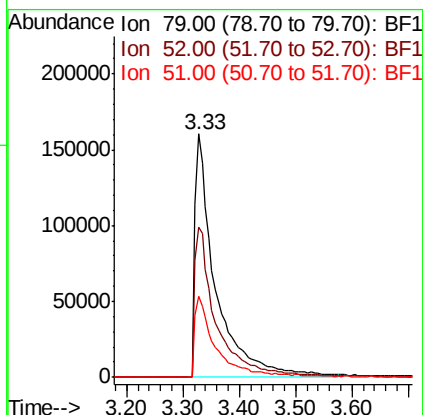
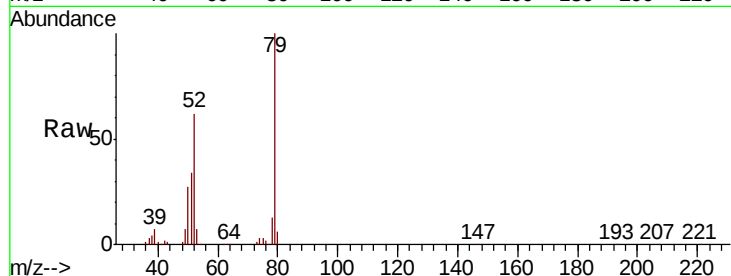




#3
 Pvridine
 Concen: 47.871 ng
 RT: 3.33 min Scan# 211
 Delta R.T. -0.04 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

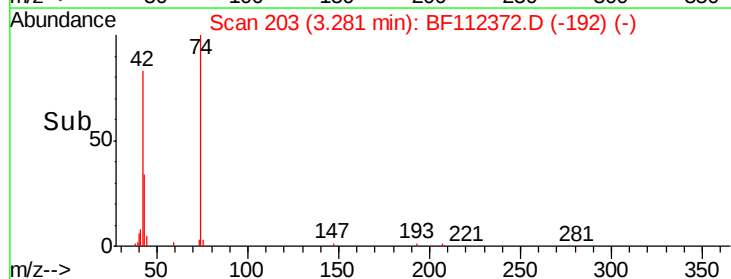
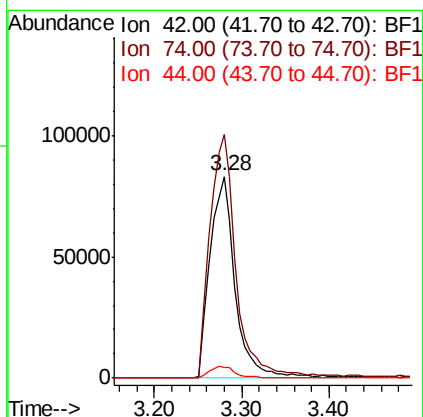
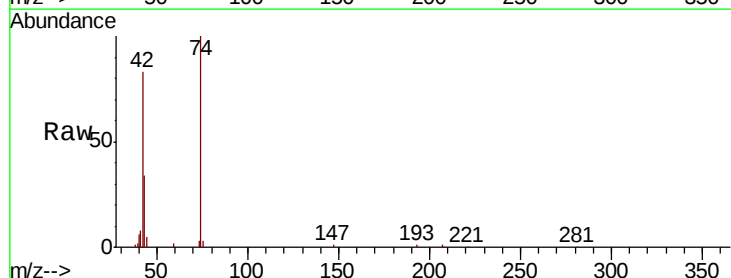
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

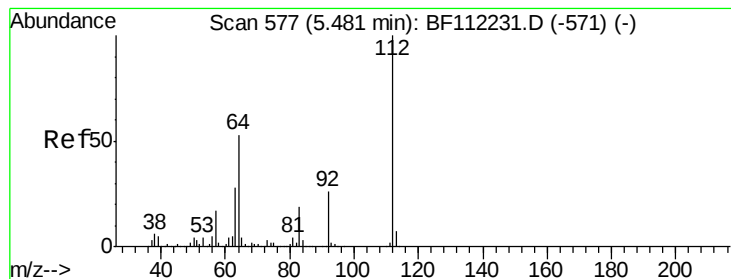
Tot Ion: 79 Resp: 406349
 Ion Ratio Lower Upper
 79 100
 52 61.5 52.4 78.6
 51 33.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 46.793 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.04 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion: 42 Resp: 166874
 Ion Ratio Lower Upper
 42 100
 74 120.6 105.6 158.4
 44 5.6 5.4 8.2





#5

2-Fluorophenol

Concen: 92.354 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

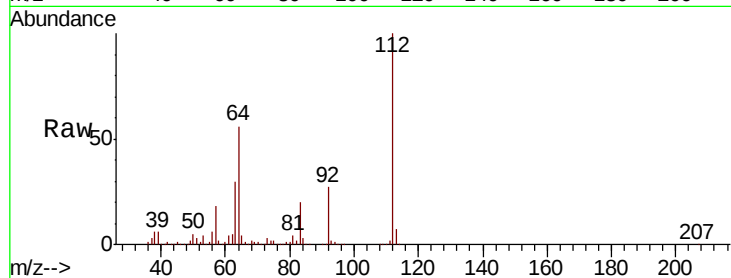
Tot Ion:112 Resp: 773621

Ion Ratio Lower Upper

112 100

64 55.9 45.7 68.5

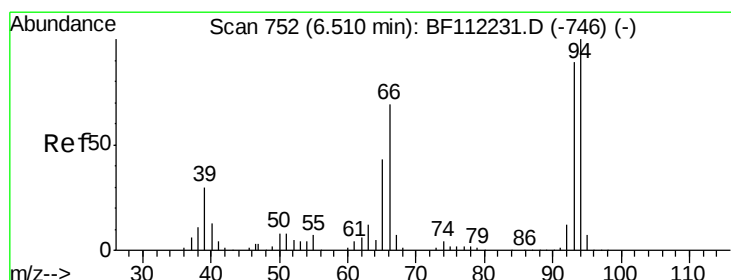
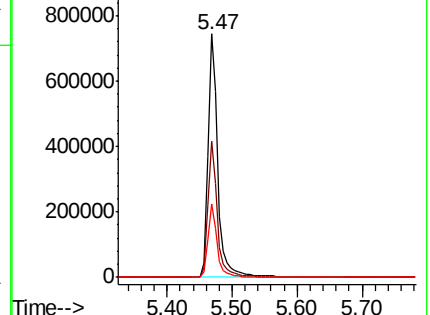
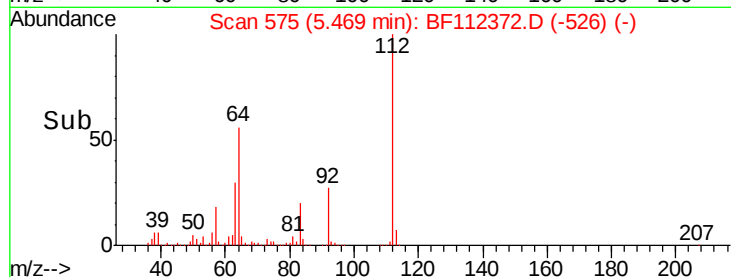
63 30.2 23.6 35.4



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: 40.175 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

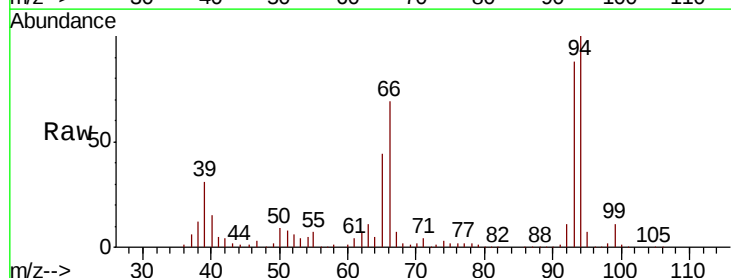
Tgt Ion: 93 Resp: 556288

Ion Ratio Lower Upper

93 100

66 78.7 43.4 65.2#

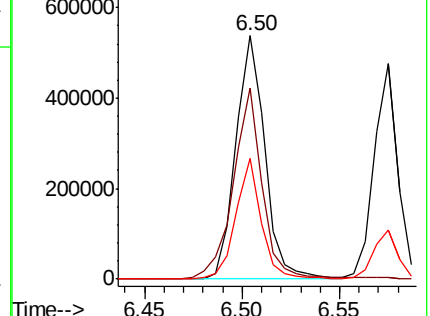
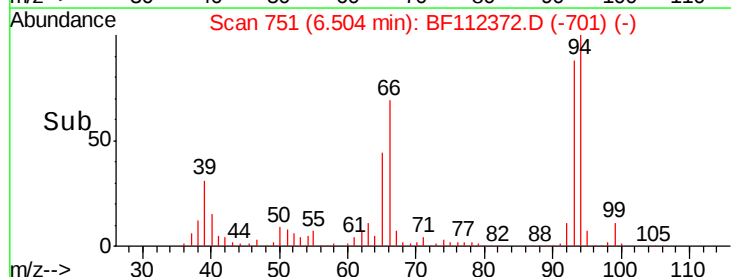
65 49.7 25.3 37.9#

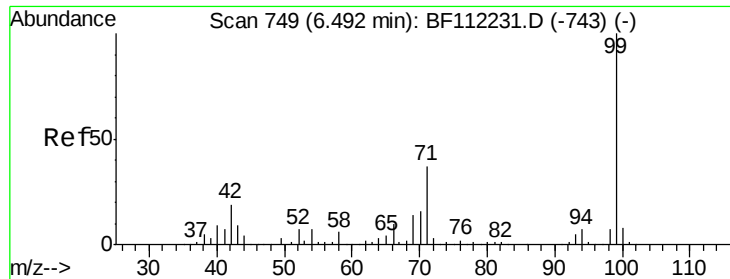


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.655 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

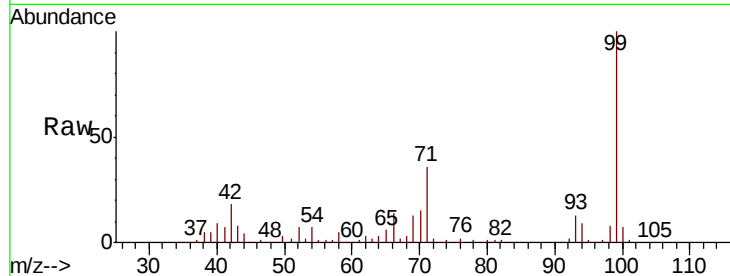
Tot Ion: 99 Resp: 927175

Ion Ratio Lower Upper

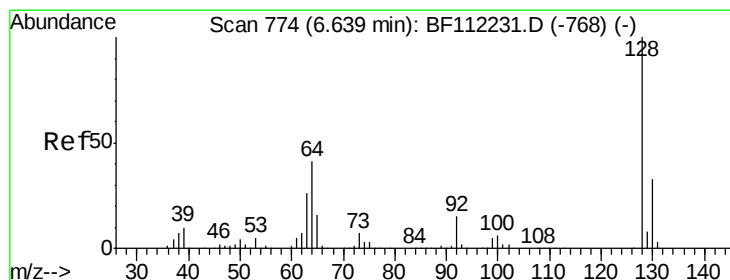
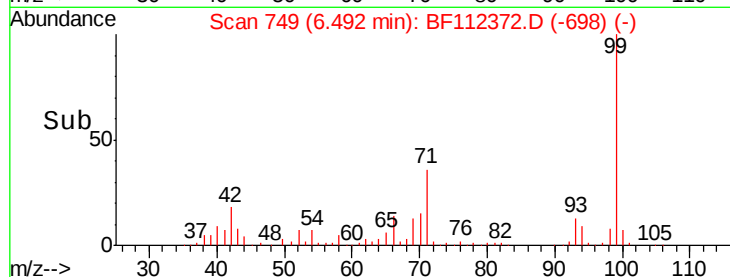
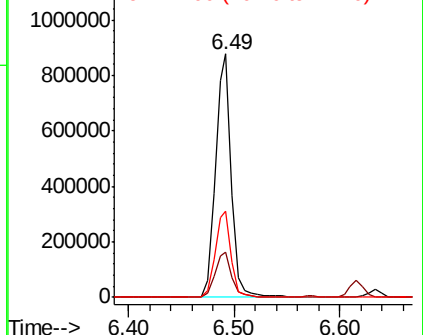
99 100

42 18.4 15.1 22.7

71 35.6 26.9 40.3



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: 39.617 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

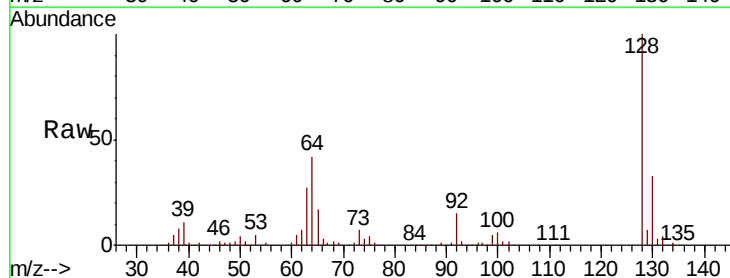
Tgt Ion: 128 Resp: 446435

Ion Ratio Lower Upper

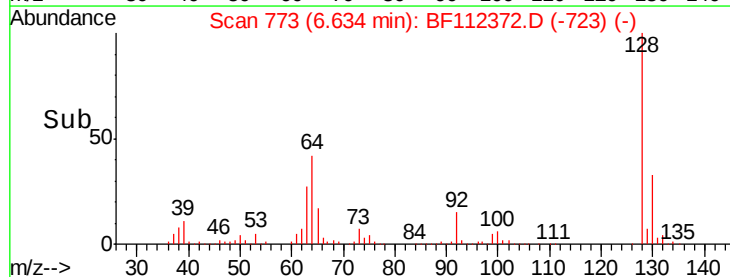
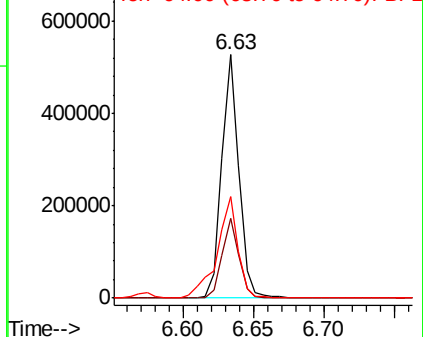
128 100

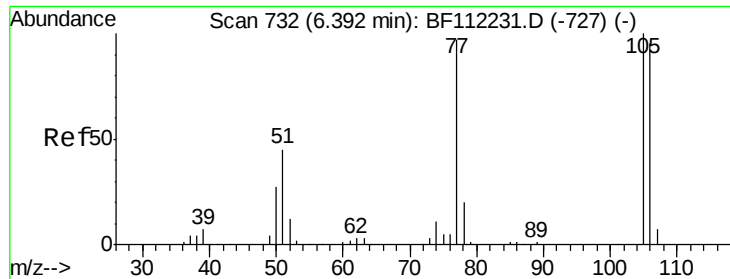
130 32.7 13.4 53.4

64 41.5 20.5 60.5



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

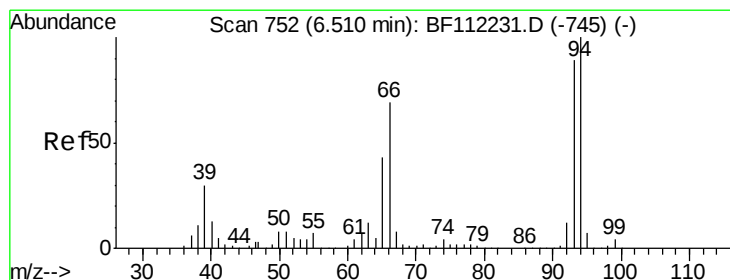
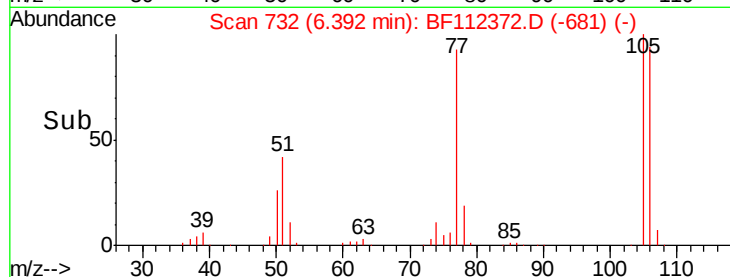
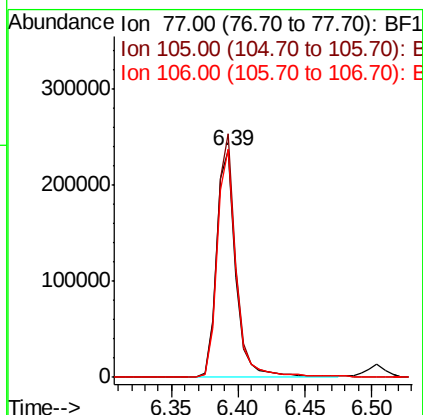
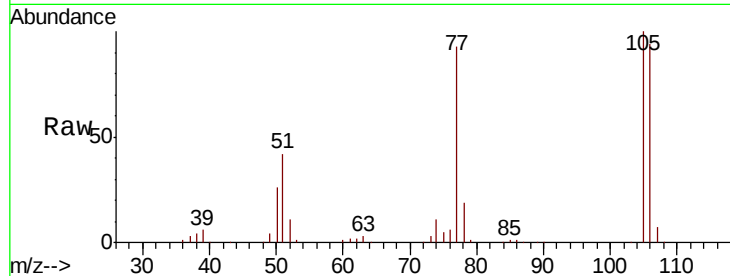




#9
Benzaldehyde
Concen: 39.847 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

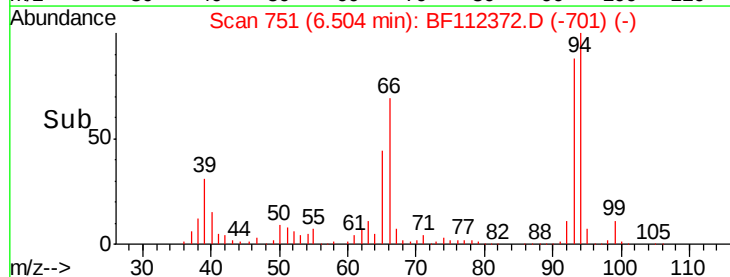
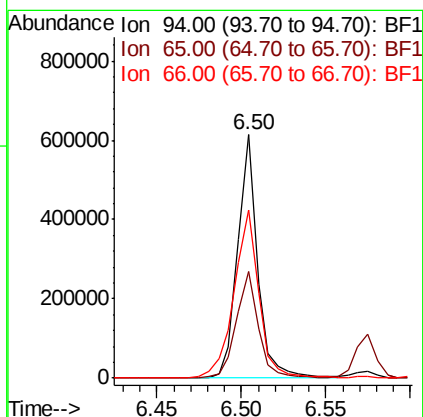
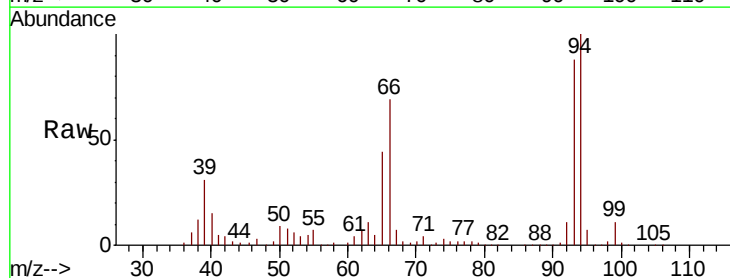
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

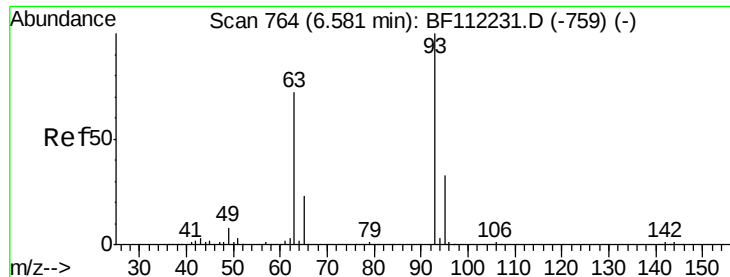
Tot Ion: 77 Resp: 242425
Ion Ratio Lower Upper
77 100
105 107.6 80.8 120.8
106 100.9 75.7 115.7



#10
Phenol
Concen: 39.496 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion: 94 Resp: 504371
Ion Ratio Lower Upper
94 100
65 43.5 20.3 60.3
66 69.0 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 39.053 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

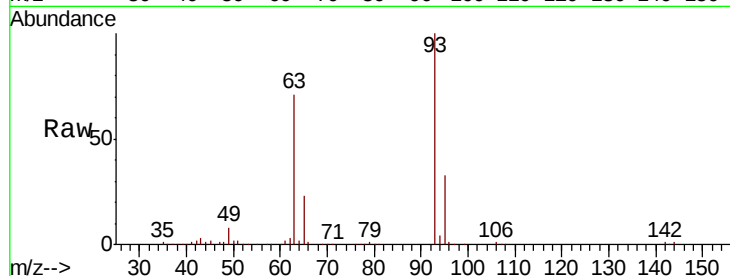
Tot Ion: 93 Resp: 392631

Ion Ratio Lower Upper

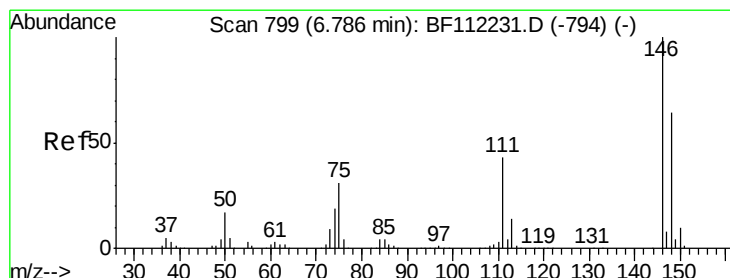
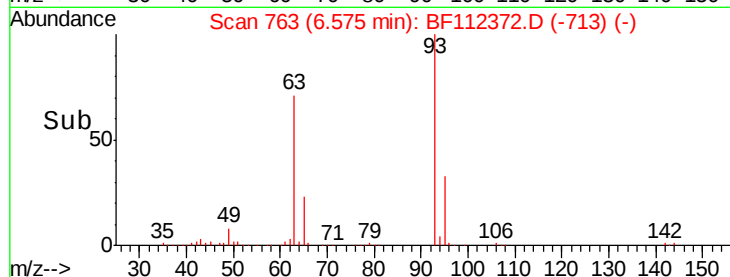
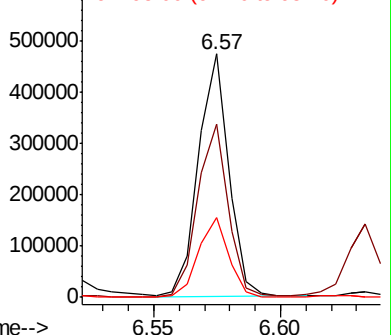
93 100

63 71.2 53.3 93.3

95 32.8 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 39.149 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

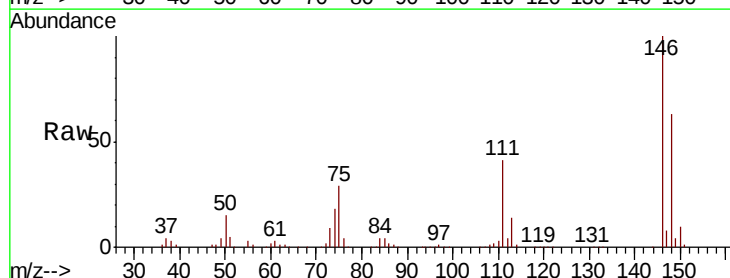
Tgt Ion: 146 Resp: 513785

Ion Ratio Lower Upper

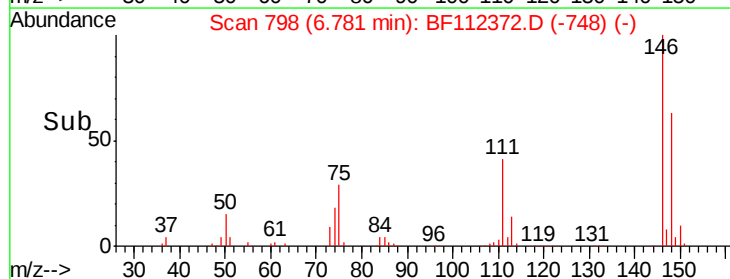
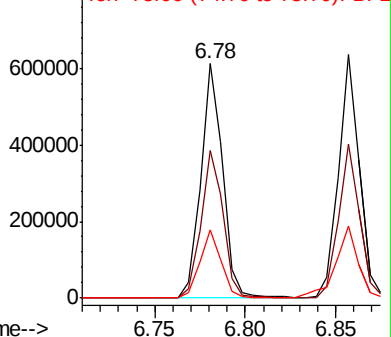
146 100

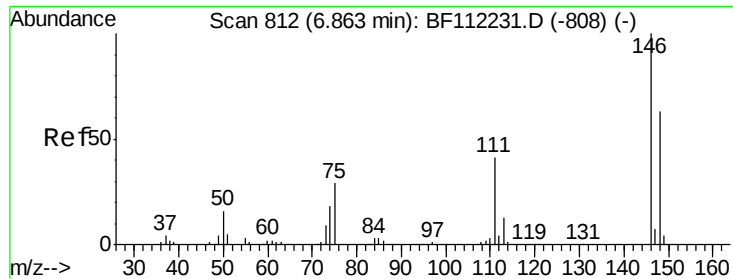
148 63.2 51.8 77.8

75 29.1 23.1 34.7



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

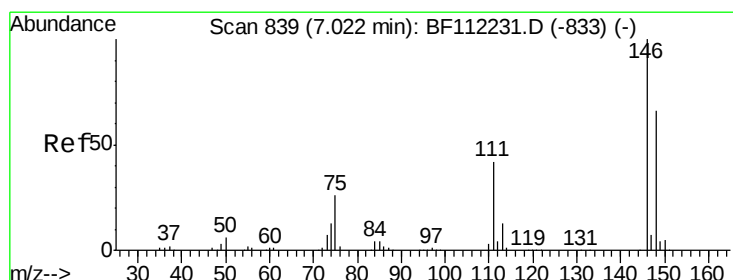
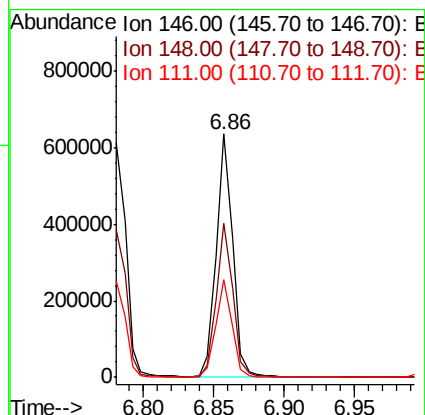
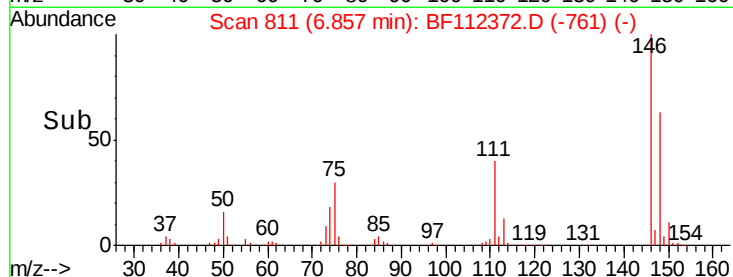
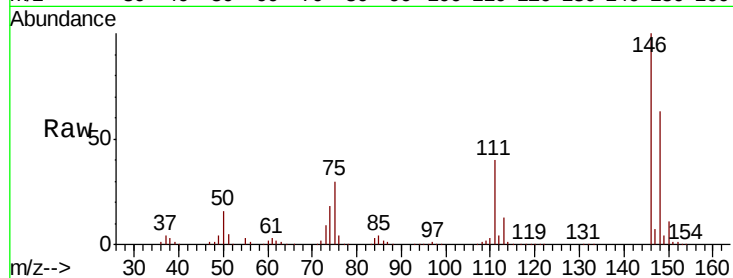




#13
 1,4-Dichlorobenzene
 Concen: 38.245 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

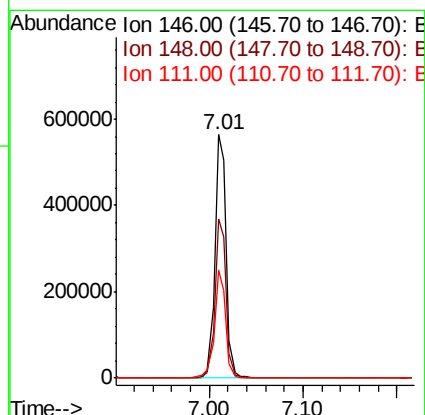
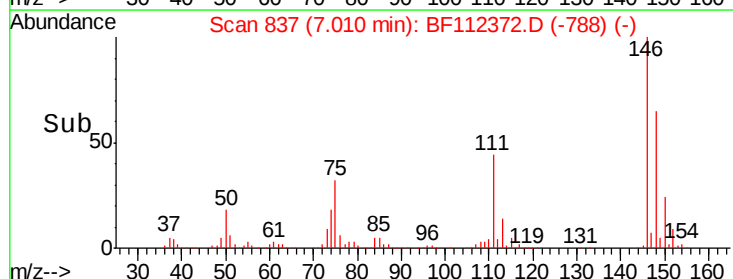
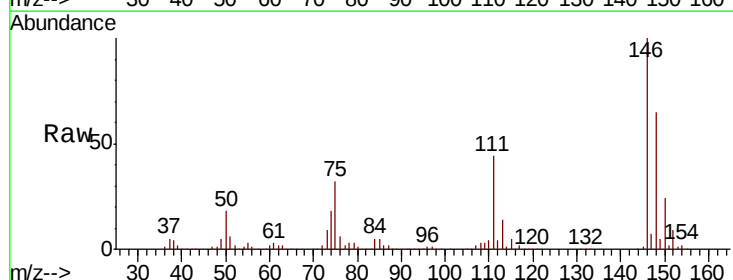
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

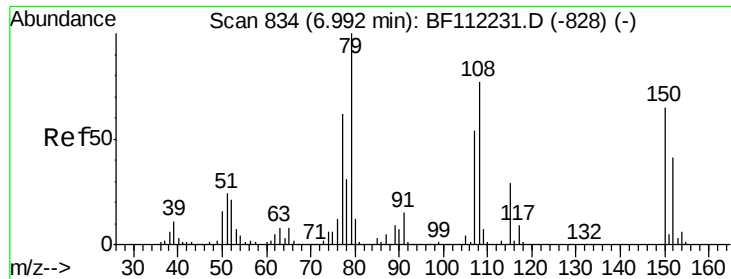
Tot Ion:146 Resp: 516554
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 40.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 38.398 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:146 Resp: 485573
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 44.4 31.2 46.8





#15

Benzyl Alcohol

Concen: 37.313 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

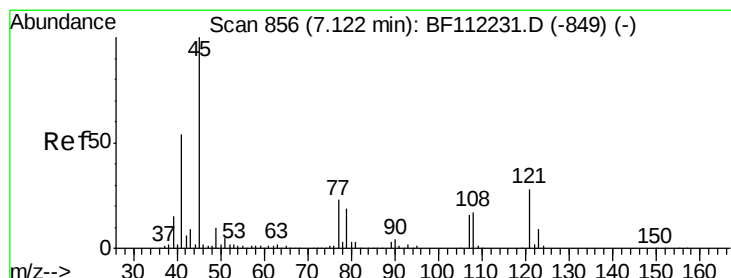
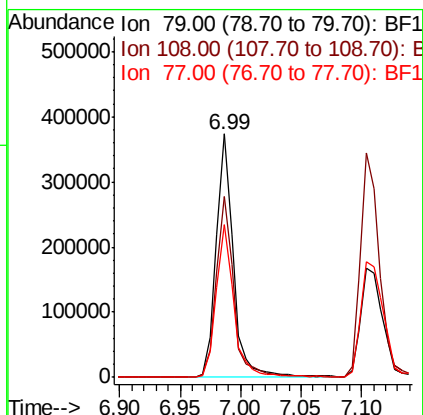
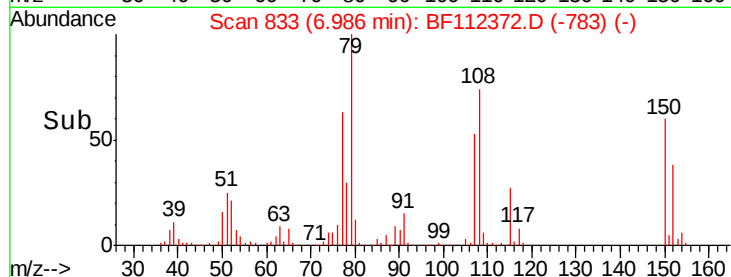
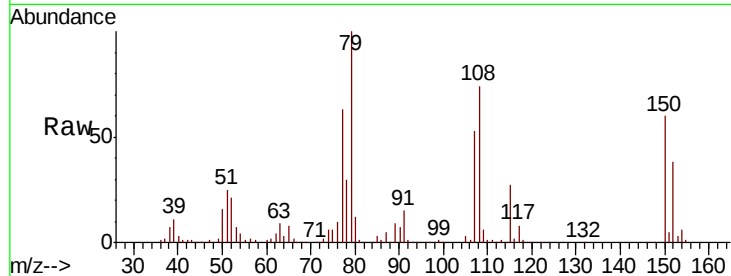
Tot Ion: 79 Resp: 366119

Ion Ratio Lower Upper

79 100

108 74.5 64.2 96.2

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.733 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

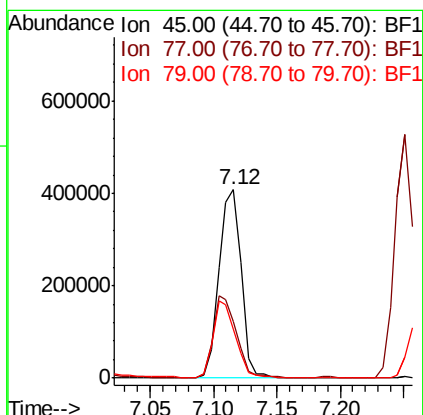
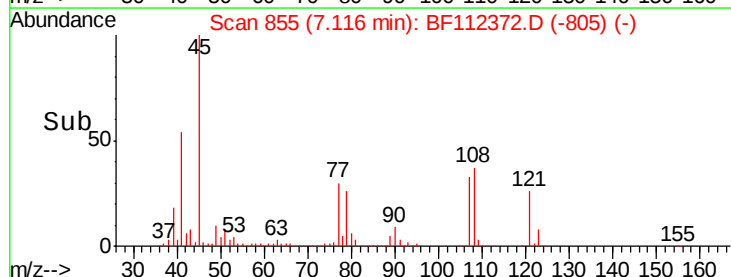
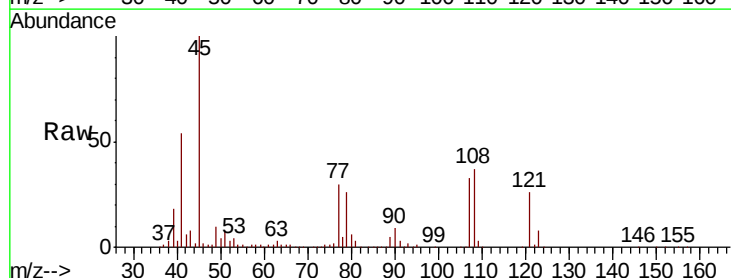
Tgt Ion: 45 Resp: 499995

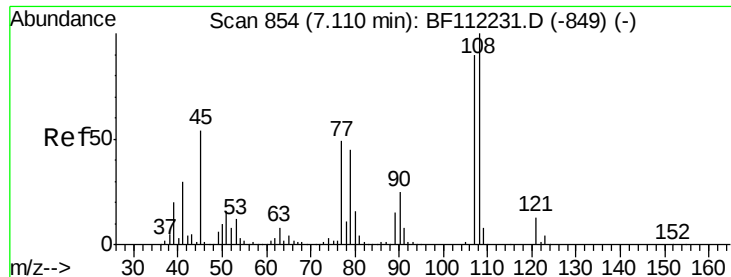
Ion Ratio Lower Upper

45 100

77 29.8 0.0 36.9

79 25.7 0.0 34.0

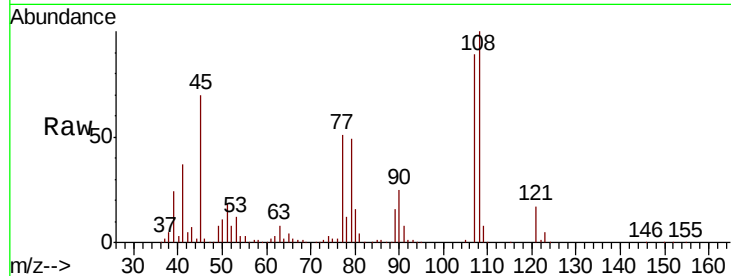




#17
2-Methylphenol
Concen: 36.939 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion:	107	Resp:	329977
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.3	136.9
77	57.6	39.0	58.6
79	54.6	37.0	55.4



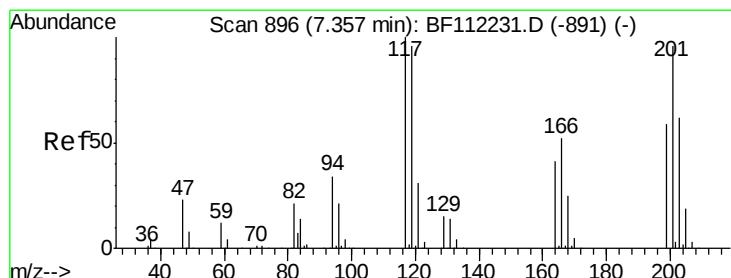
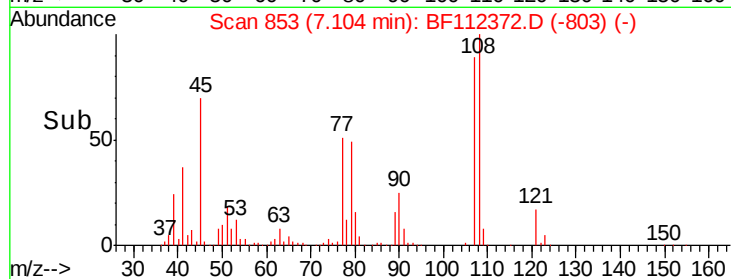
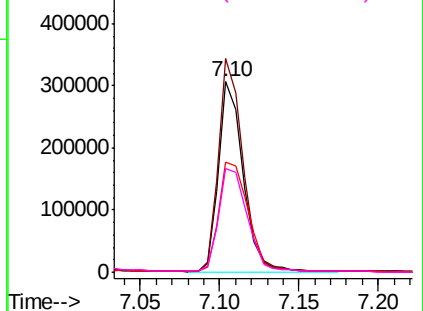
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

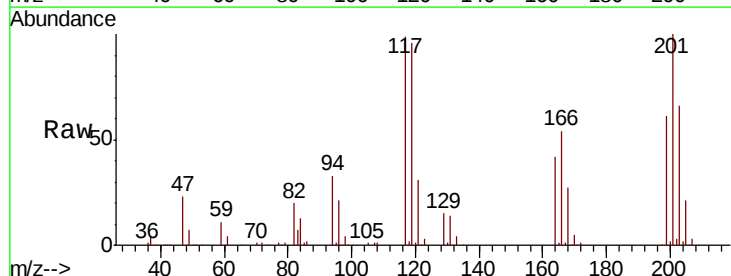
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.355 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:	117	Resp:	177172
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.4
201	101.2	74.1	111.1

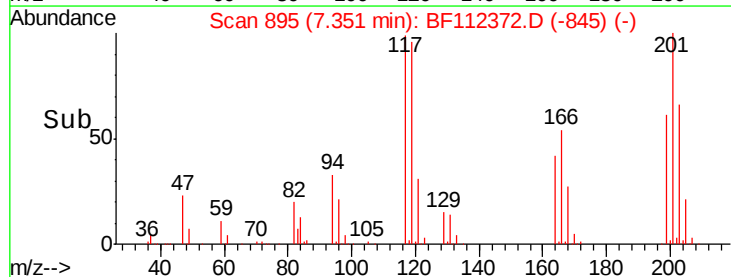
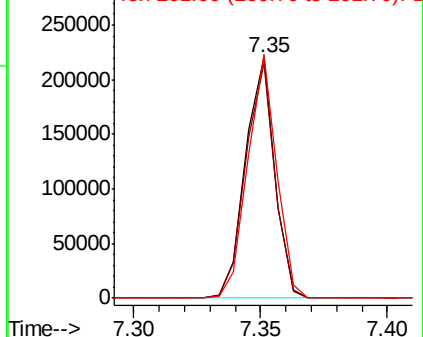


Abundance

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

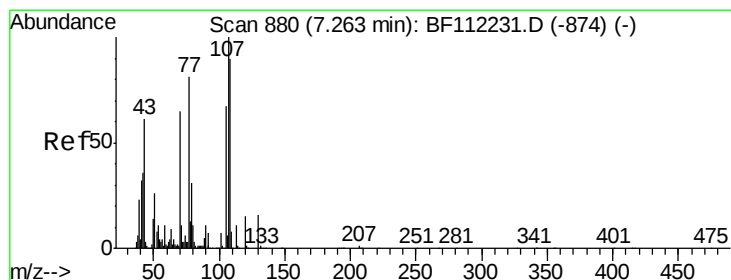
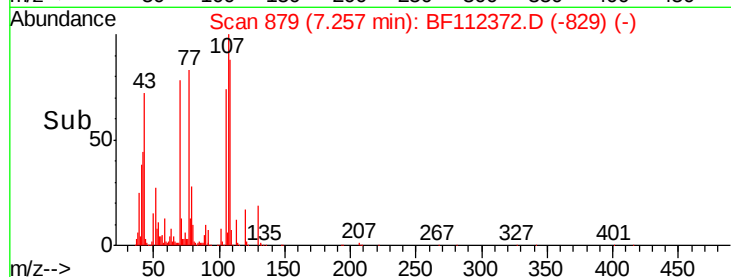
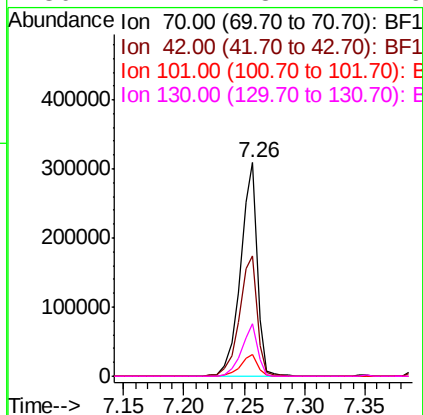
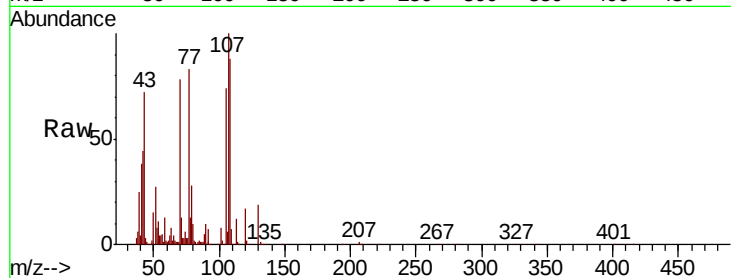




#19
n-Nitroso-di-n-propylamine
Concen: 37.469 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

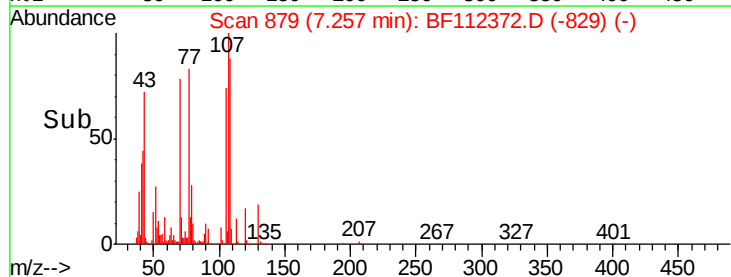
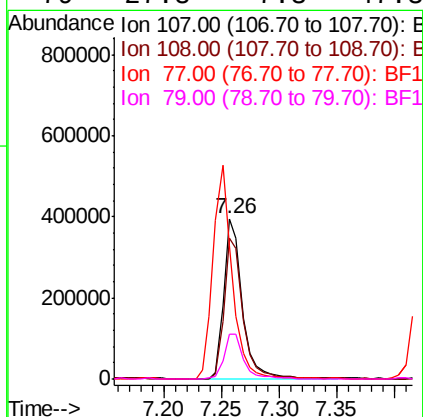
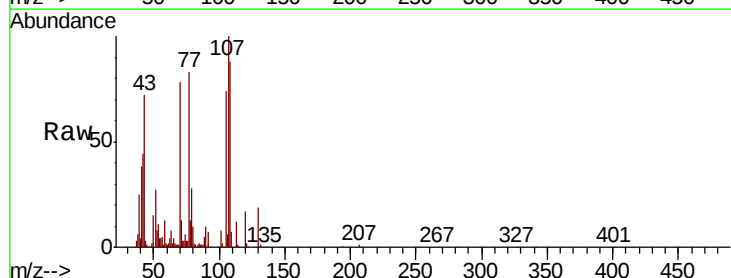
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

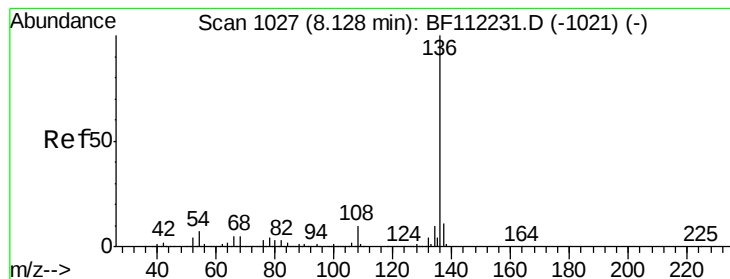
Tot Ion:	70	Resp:	300737
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.6	71.4
101	10.1	7.9	11.9
130	24.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 38.354 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:	107	Resp:	438130
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	83.2	100.7	140.7#
79	27.8	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 681262

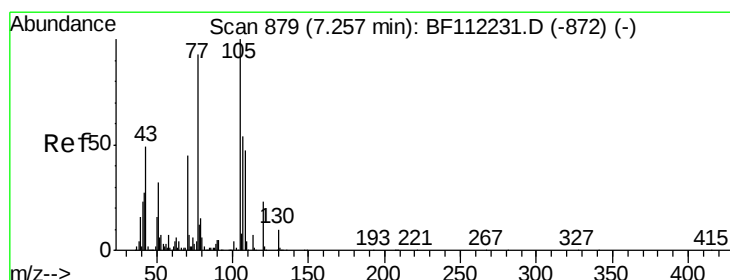
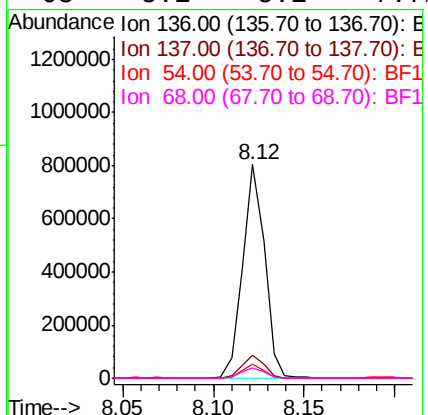
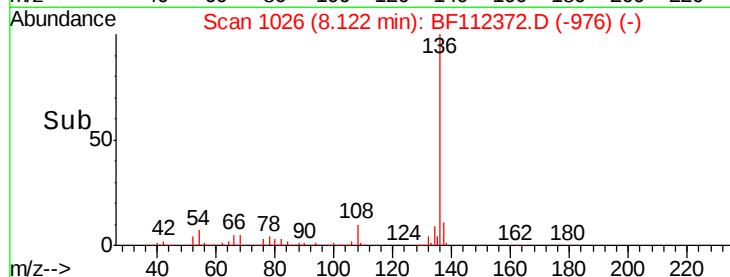
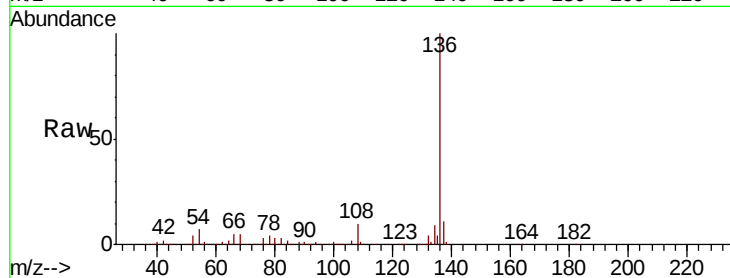
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.6 5.9 8.9

68 5.1 5.1 7.7#



#22

Acetophenone

Concen: 37.306 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:105 Resp: 618870

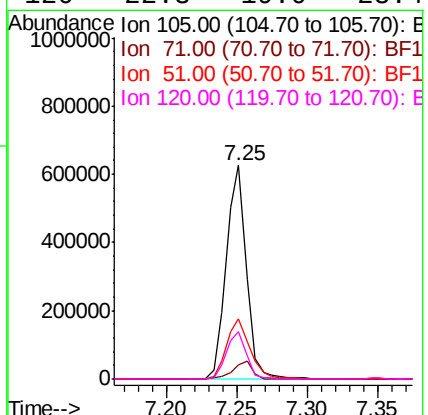
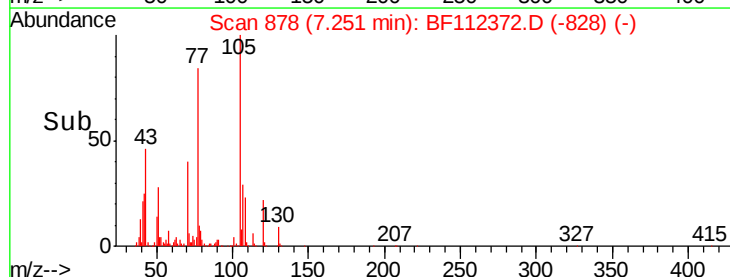
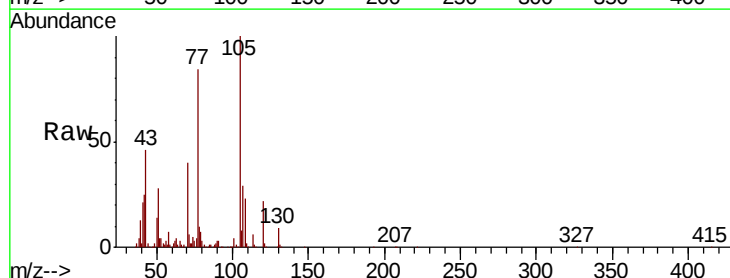
Ion Ratio Lower Upper

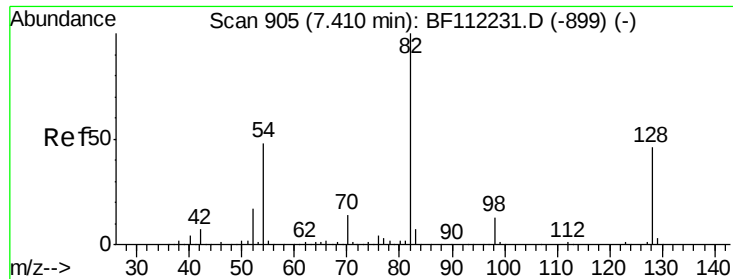
105 100

71 6.5 4.6 6.8

51 28.1 25.0 37.6

120 22.3 19.0 28.4

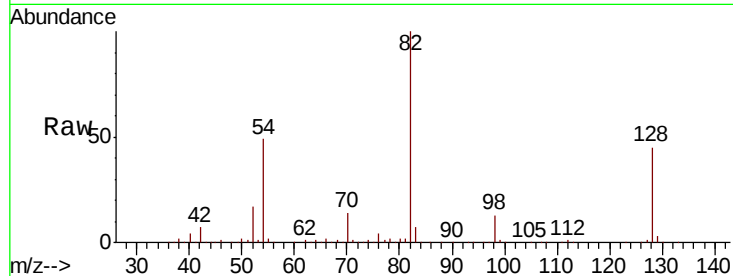




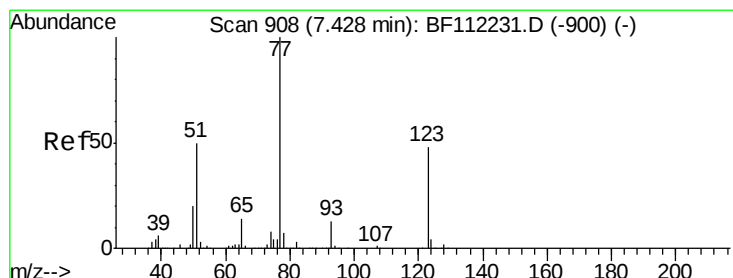
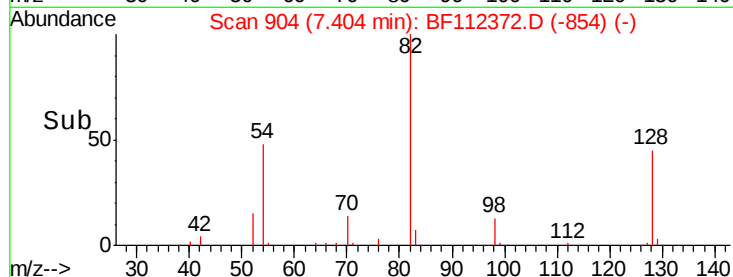
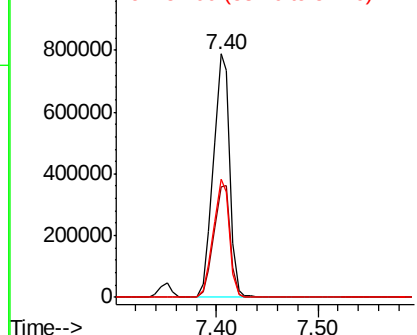
#23
Nitrobenzene-d5
Concen: 75.018 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 886972
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.8
54 48.8 39.7 59.5

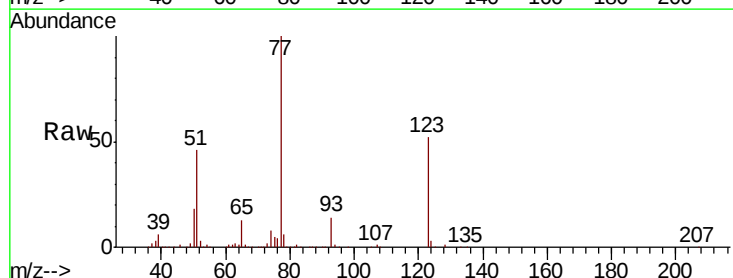


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

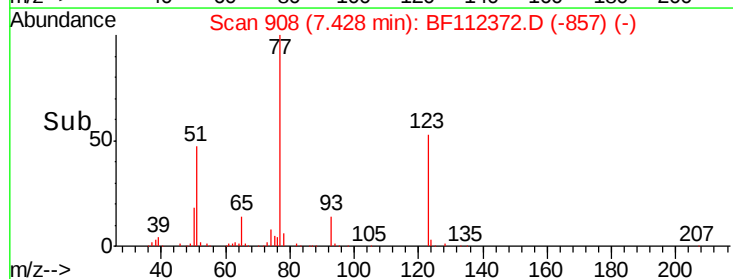
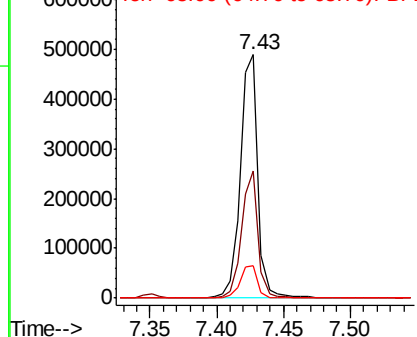


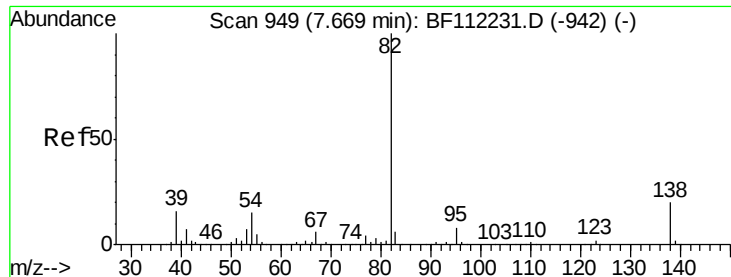
#24
Nitrobenzene
Concen: 37.467 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion: 77 Resp: 442415
Ion Ratio Lower Upper
77 100
123 52.1 38.4 57.6
65 13.5 10.6 15.8



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





#25

Isophorone

Concen: 37.391 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

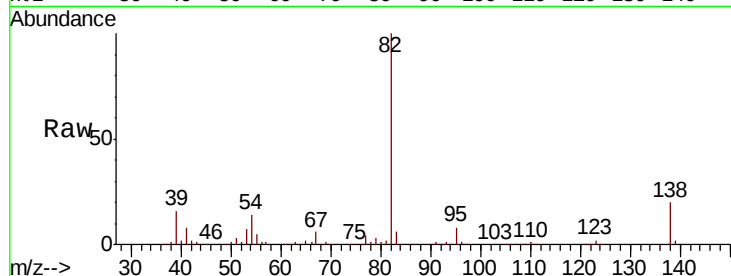
Tot Ion: 82 Resp: 693552

Ion Ratio Lower Upper

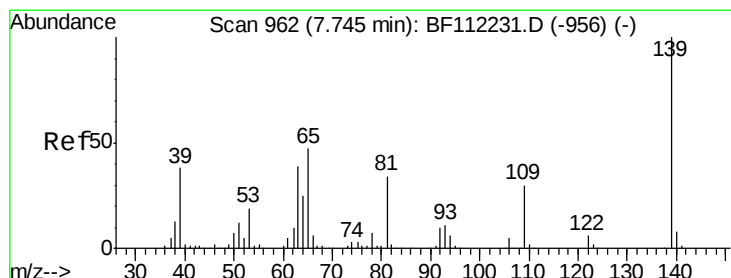
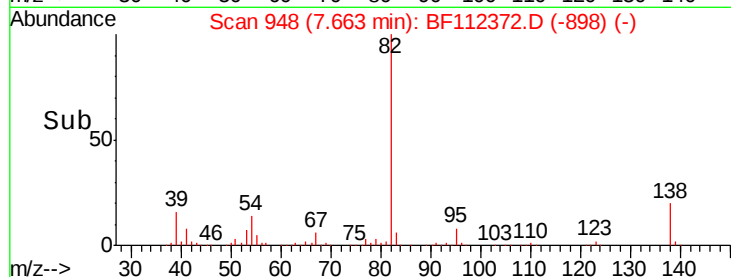
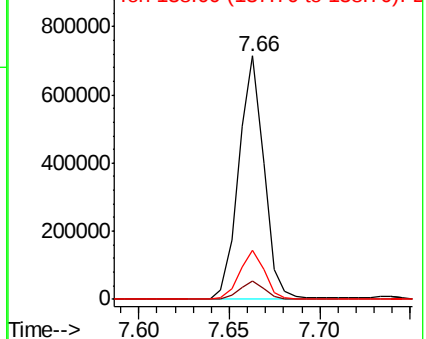
82 100

95 7.7 5.7 8.5

138 20.4 15.4 23.0



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: 37.576 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

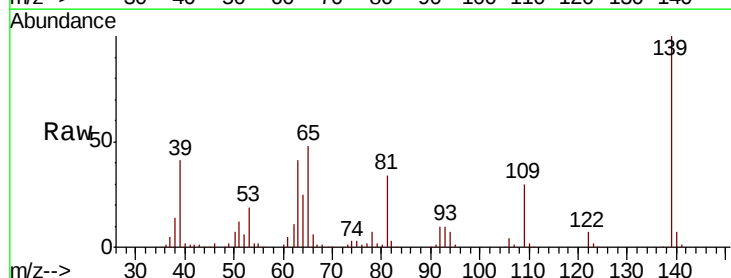
Tgt Ion: 139 Resp: 237121

Ion Ratio Lower Upper

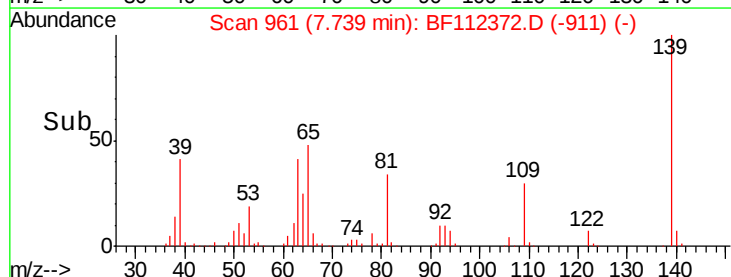
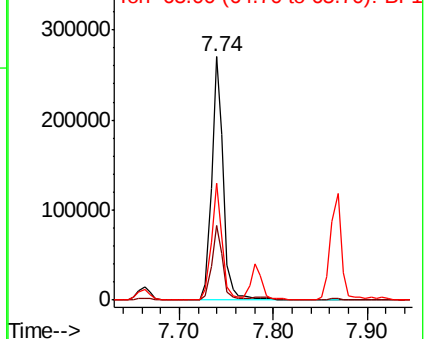
139 100

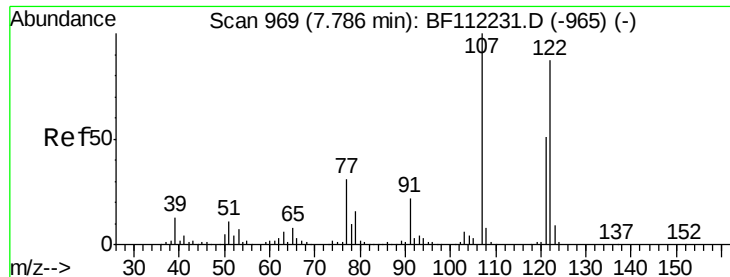
109 30.5 20.8 31.2

65 48.1 34.4 51.6



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

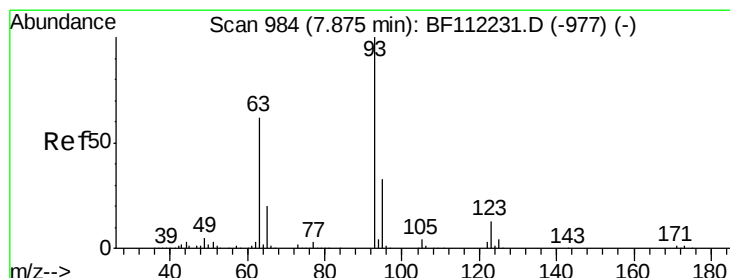
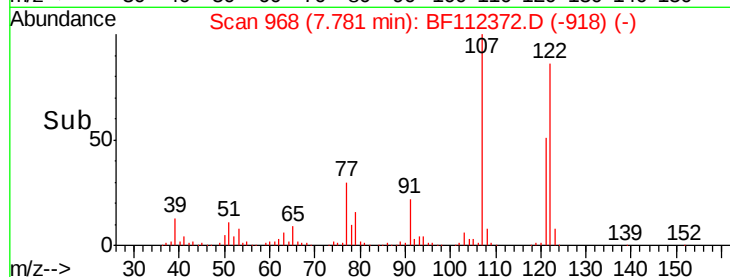
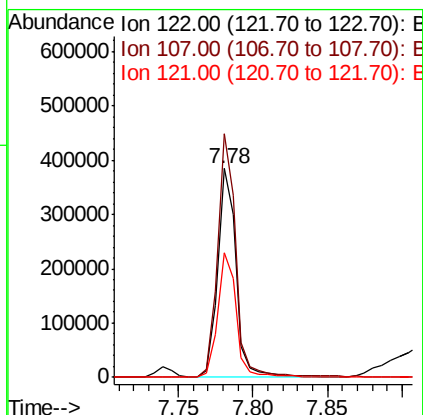
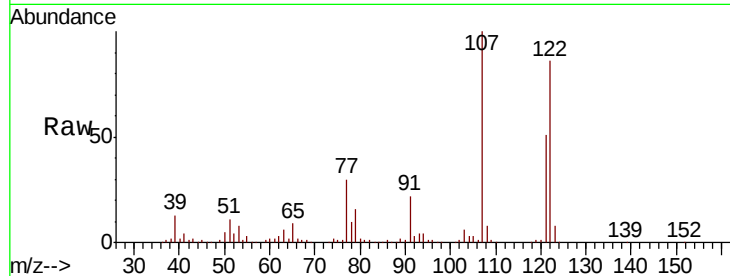




#27
2,4-Dimethylphenol
Concen: 38.104 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

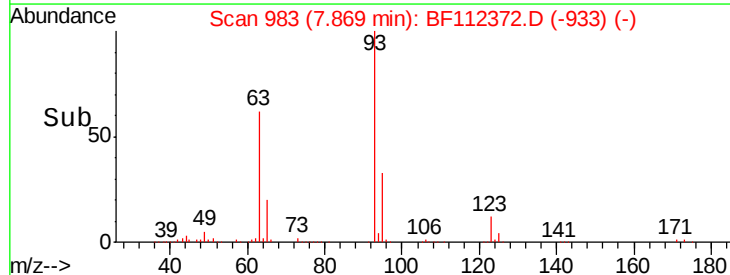
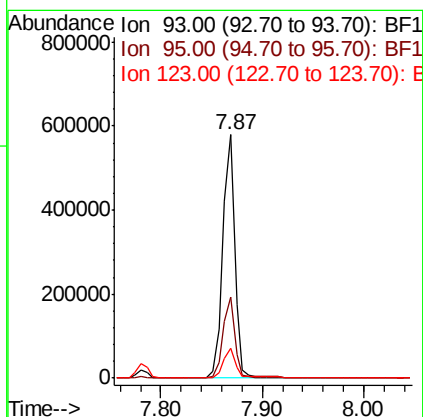
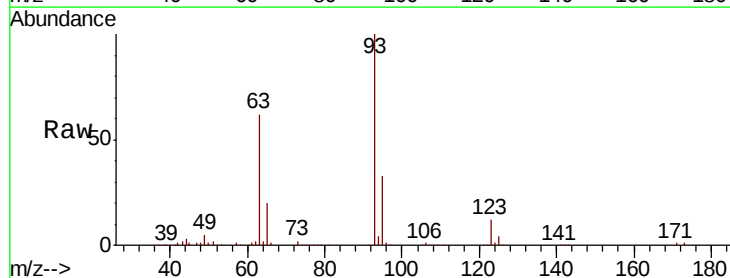
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

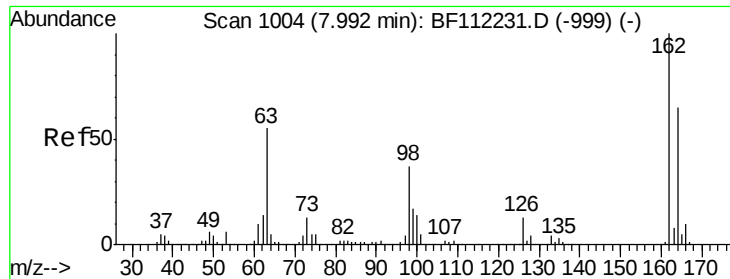
Tot Ion:122 Resp: 331291
Ion Ratio Lower Upper
122 100
107 116.5 85.4 128.0
121 59.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.230 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion: 93 Resp: 482832
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.5 10.2 15.2

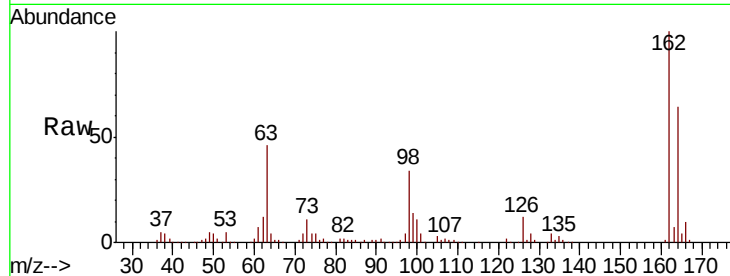




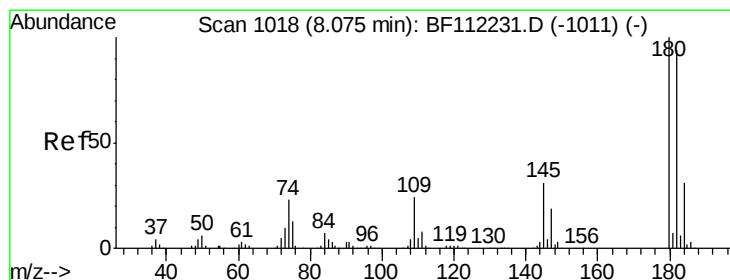
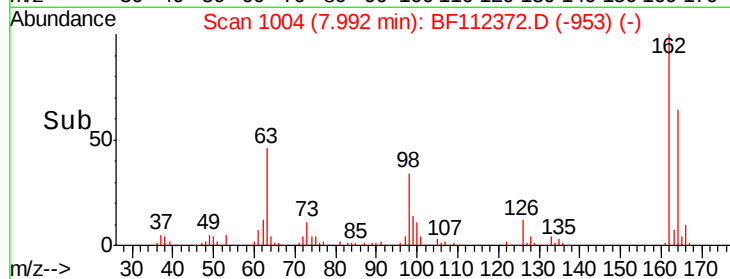
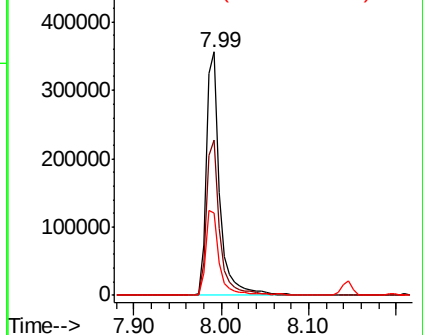
#29
 2,4-Dichlorophenol
 Concen: 39.151 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	33.6	14.6	54.6

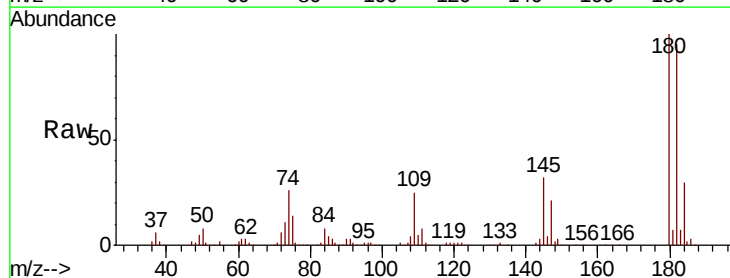


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

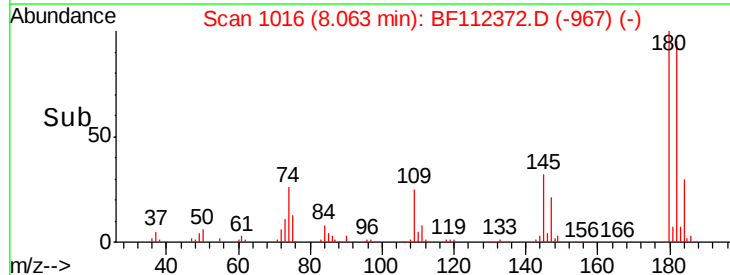
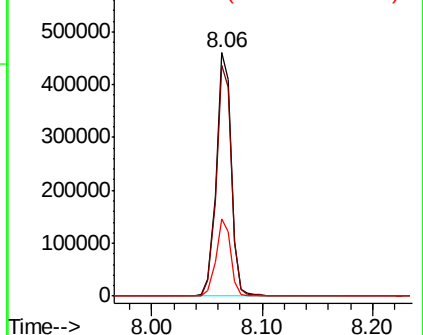


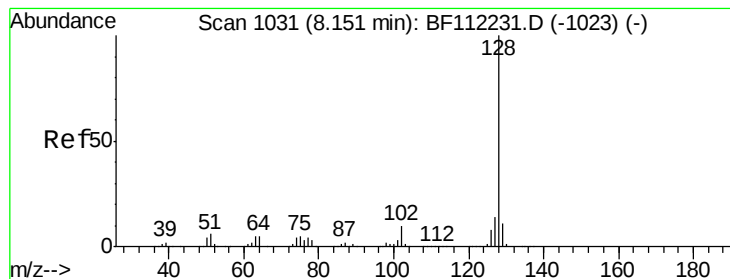
#30
 1,2,4-Trichlorobenzene
 Concen: 38.741 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	31.7	25.0	37.4



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





#31

Naphthalene

Concen: 37.518 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

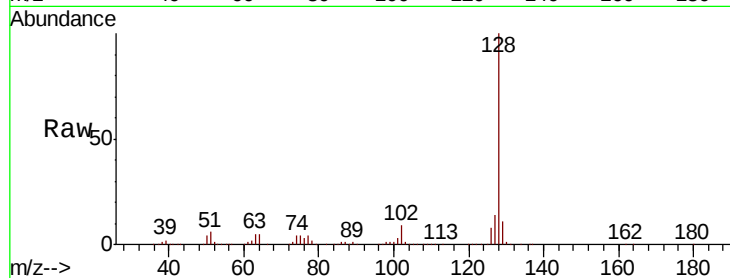
Tot Ion:128 Resp: 1195276

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

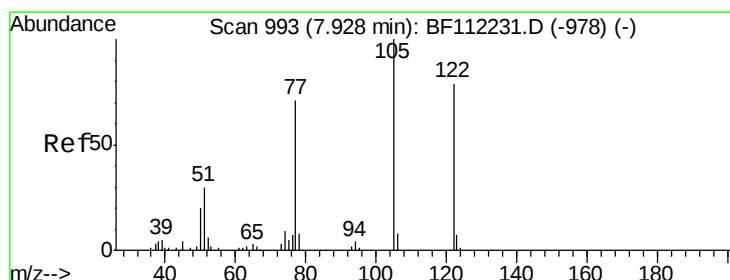
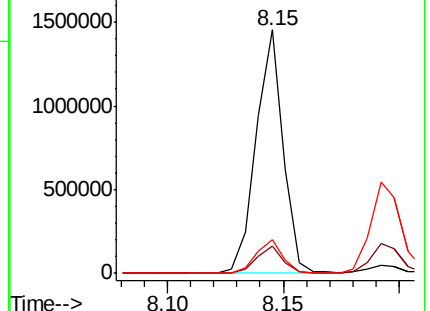
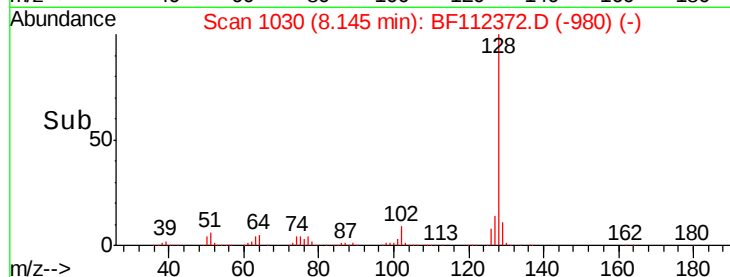
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.490 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

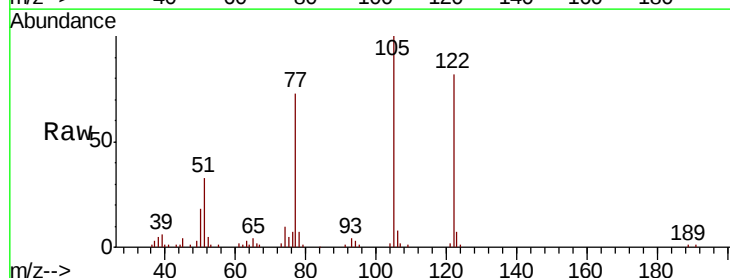
Tgt Ion:122 Resp: 121456

Ion Ratio Lower Upper

122 100

105 122.6 101.2 141.2

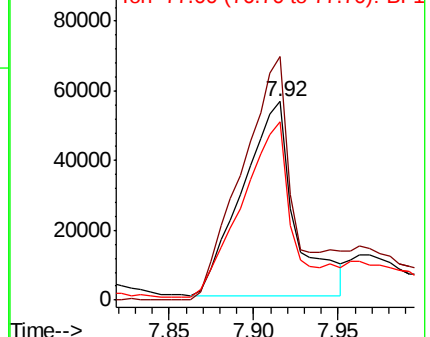
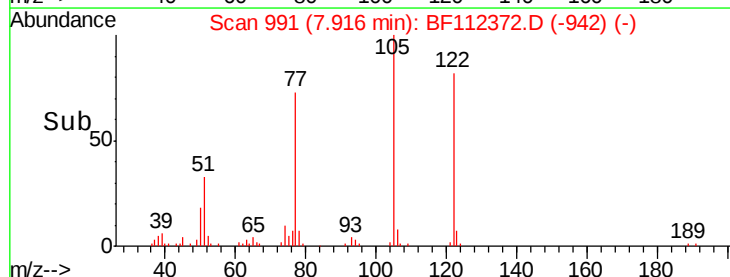
77 89.5 70.4 110.4

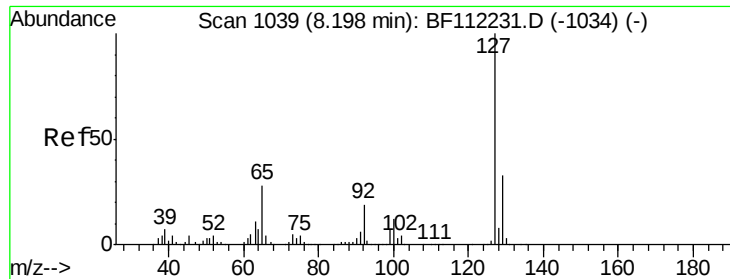


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

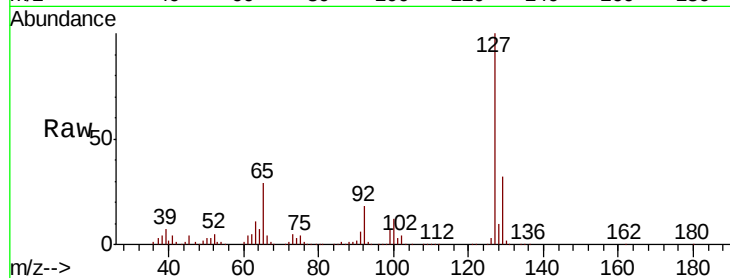




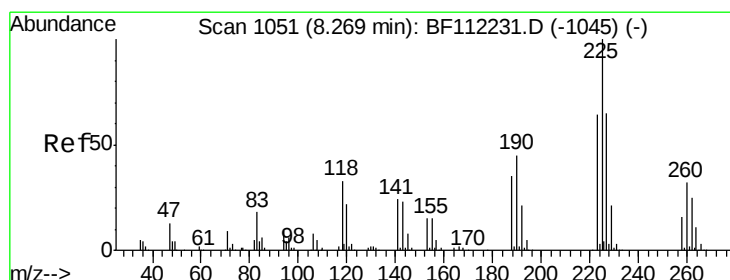
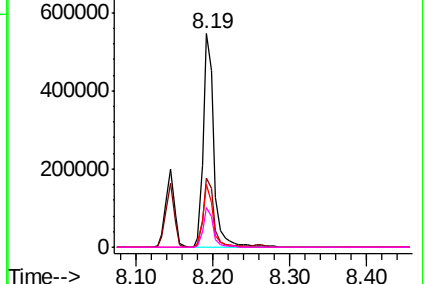
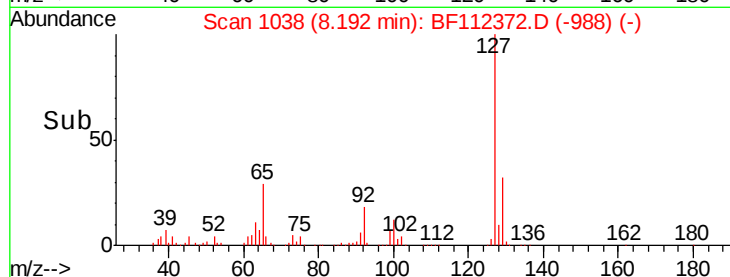
#33
4-Chloroaniline
Concen: 37.961 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	526597
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	29.5	21.4	32.2
92	18.4	14.2	21.2

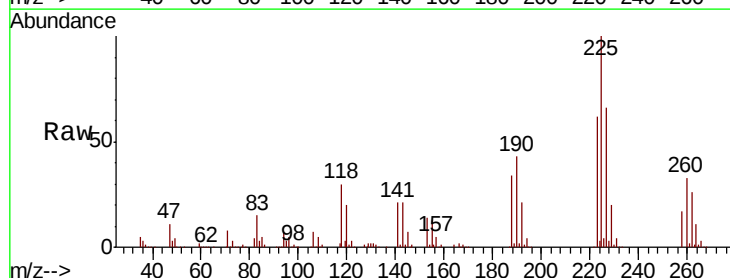


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

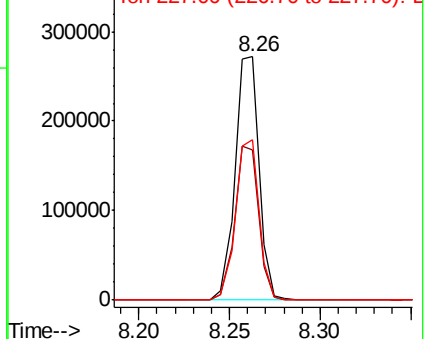
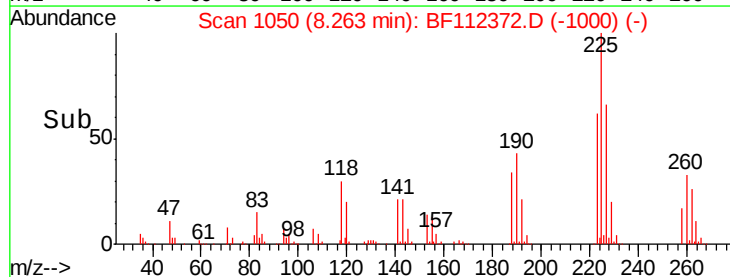


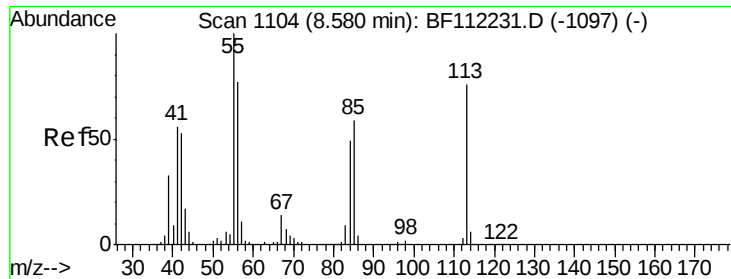
#34
Hexachlorobutadiene
Concen: 38.160 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:	225	Resp:	250438
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.3	75.5
227	65.7	51.8	77.8



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

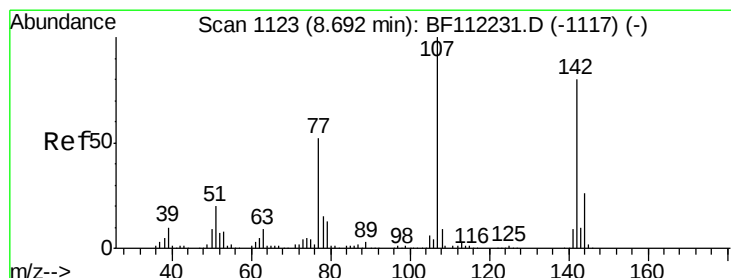
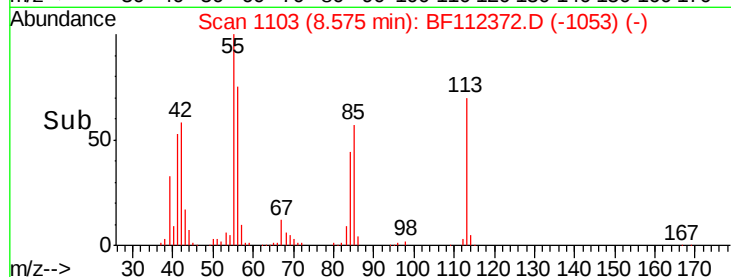
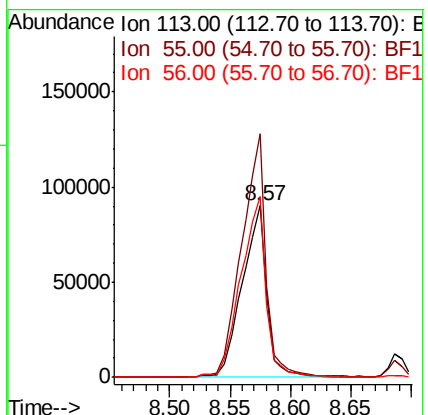
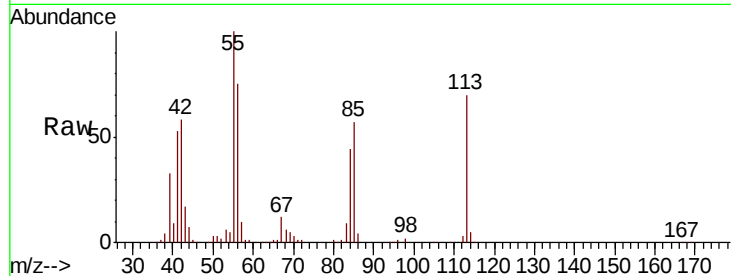




#35
 Caprolactam
 Concen: 37.321 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

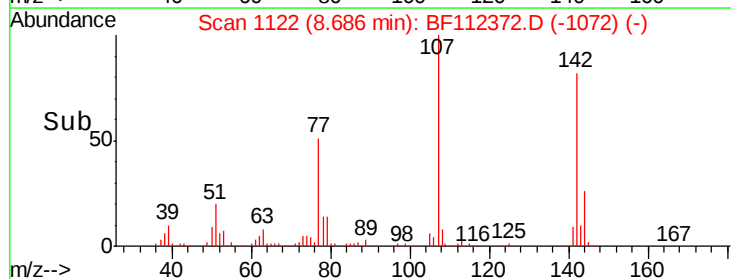
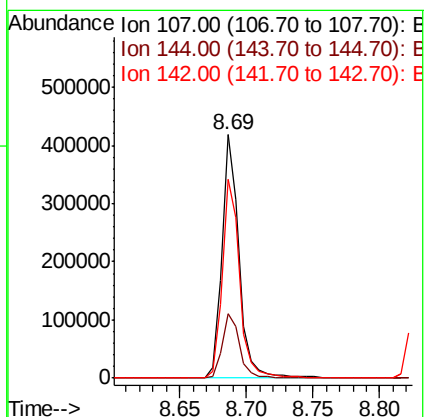
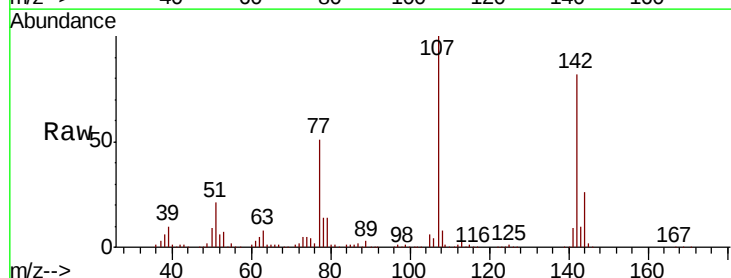
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

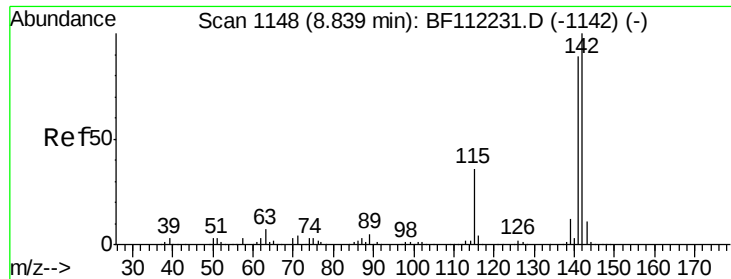
Tot Ion:113 Resp: 128097
 Ion Ratio Lower Upper
 113 100
 55 142.0 121.6 161.6
 56 105.8 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.784 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:107 Resp: 378870
 Ion Ratio Lower Upper
 107 100
 144 26.3 22.2 33.2
 142 81.8 67.7 101.5

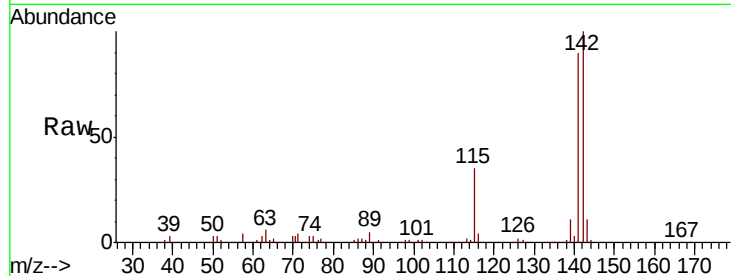




#37
2-Methylnaphthalene
Concen: 37.337 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	35.0	24.9	37.3

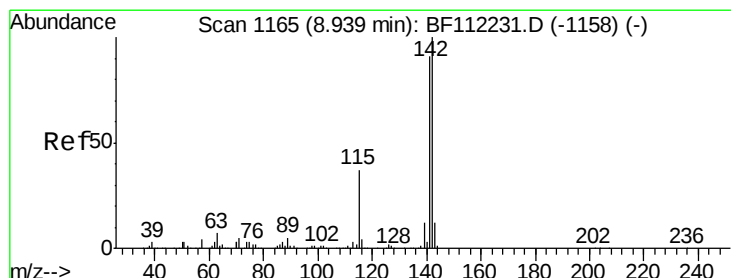
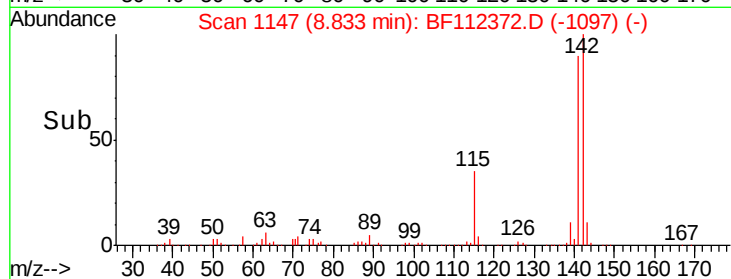
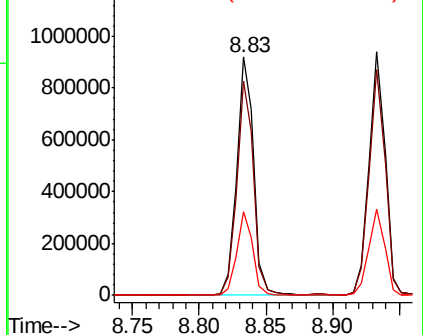


Abundance

Ion 142.00 (141.70 to 142.70): E

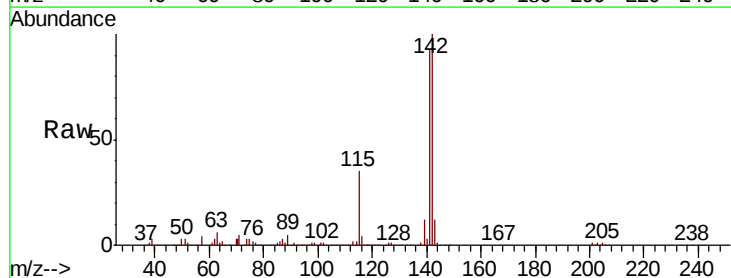
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.997 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8
116	3.6	2.8	4.2

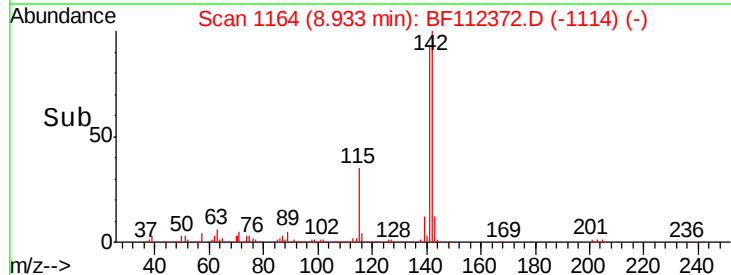
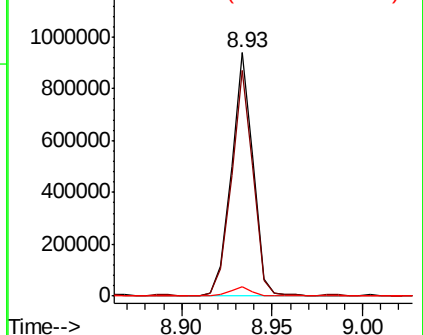


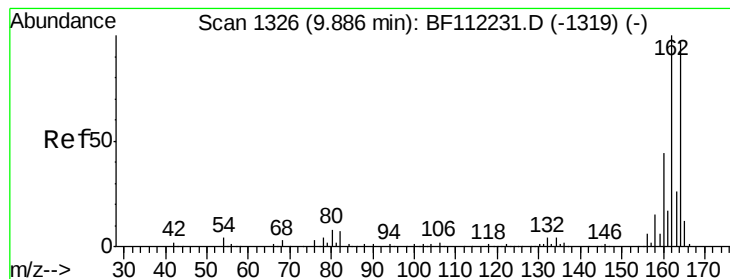
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

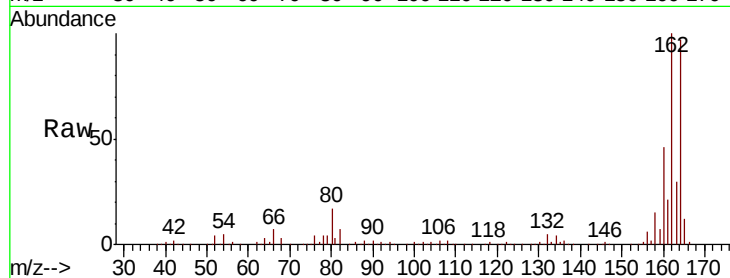
Tot Ion:164 Resp: 326793

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

160 47.1 36.2 54.4

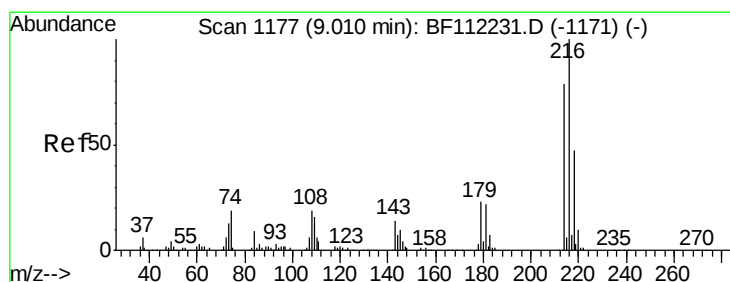
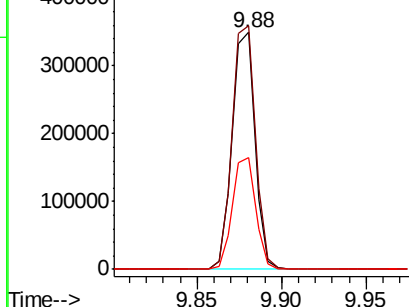
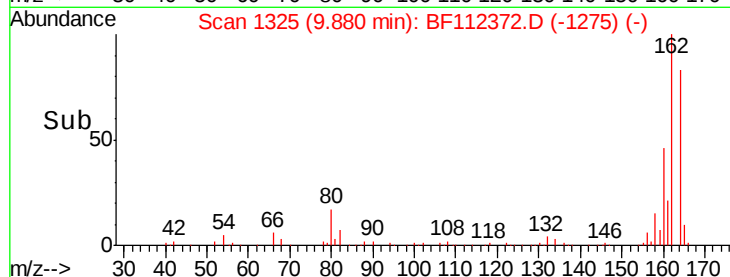


Abundance

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: 39.288 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:216 Resp: 421547

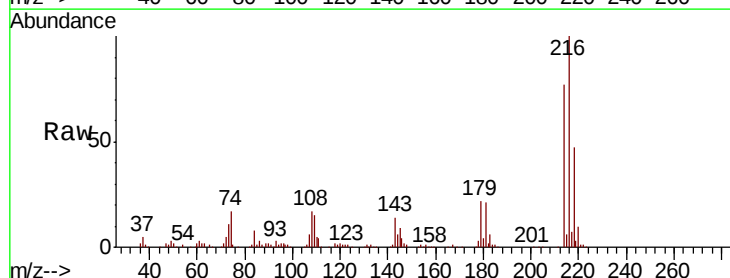
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.6

179 21.8 16.9 25.3

108 17.1 14.2 21.4



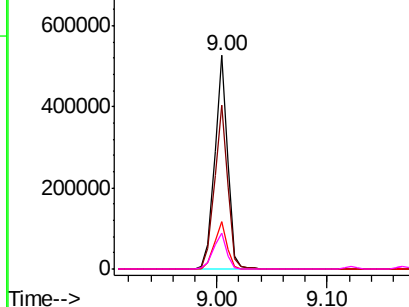
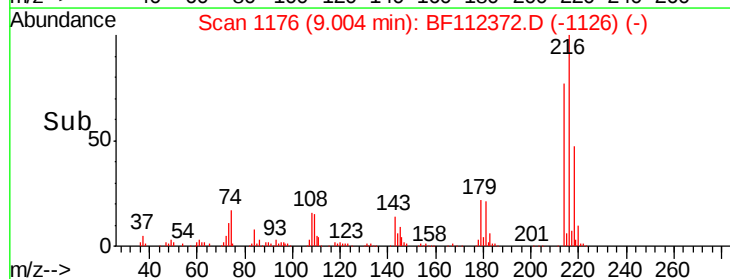
Abundance

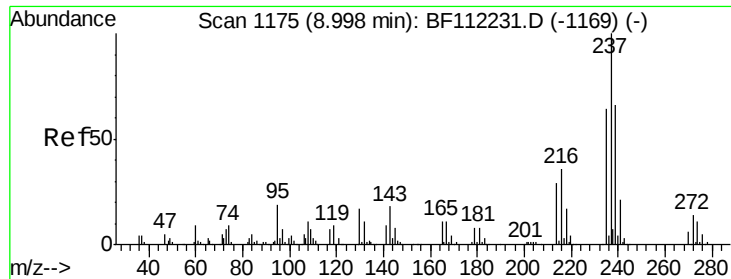
Ion 216.00 (215.70 to 216.70): E

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

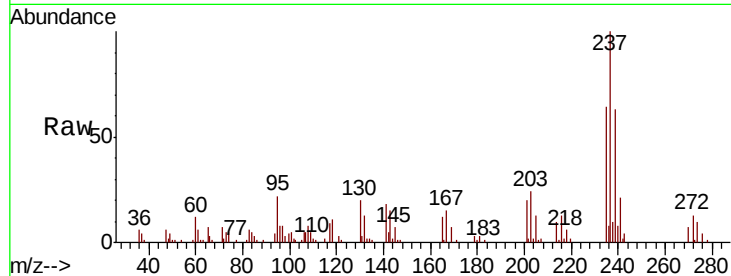




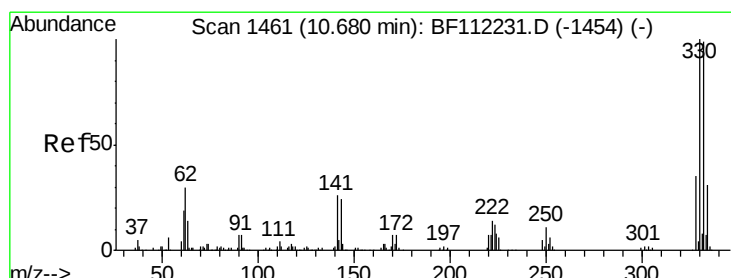
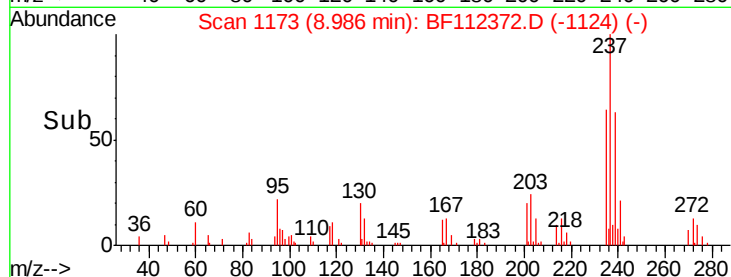
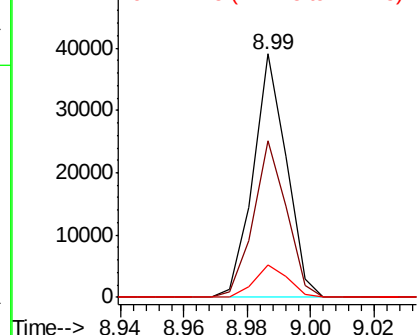
#41
Hexachlorocyclopentadiene
Concen: 15.654 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 28382
Ion Ratio Lower Upper
237 100
235 64.2 44.0 84.0
272 13.4 0.0 33.3

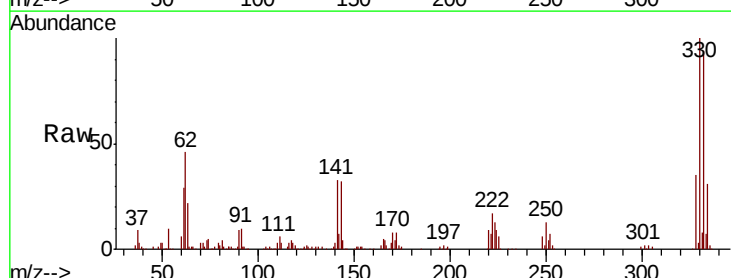


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

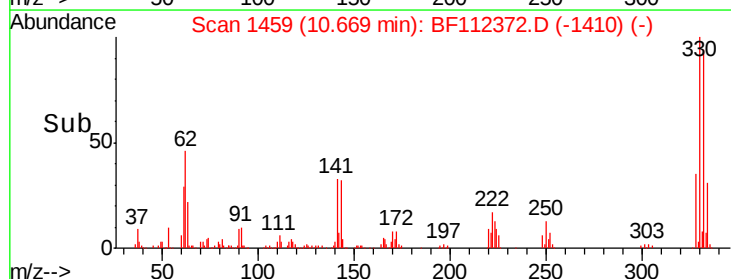
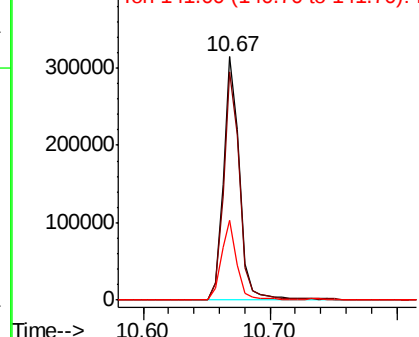


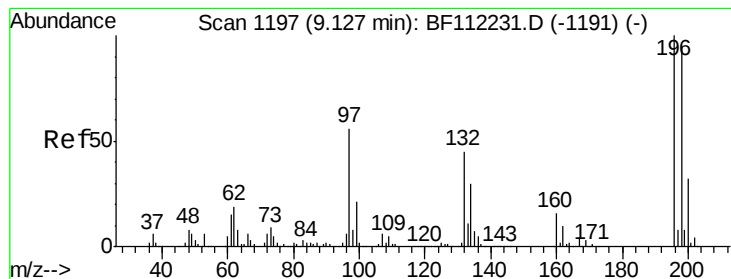
#42
2,4,6-Tribromophenol
Concen: 74.286 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:330 Resp: 282566
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 31.7 24.3 36.5



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: 39.468 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

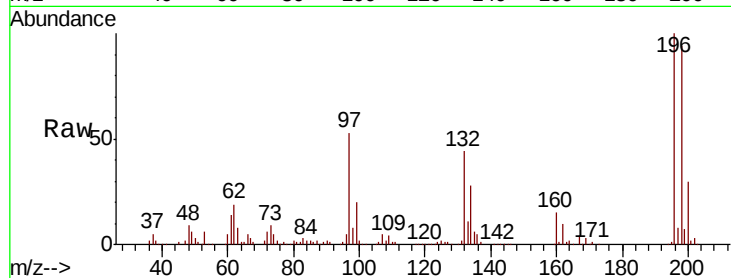
Tot Ion:196 Resp: 261042

Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.4

200 30.5 24.3 36.5

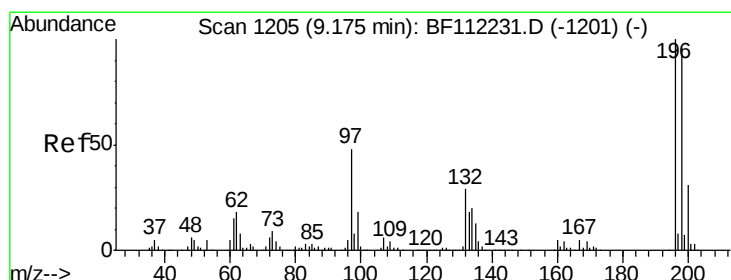
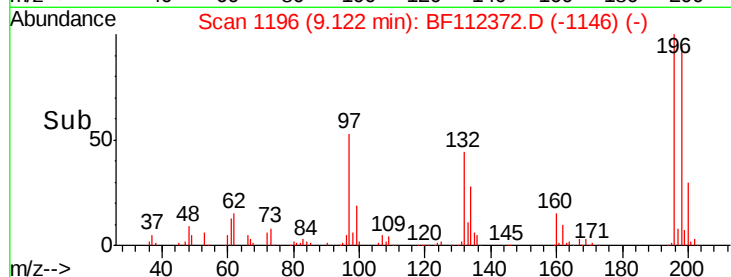
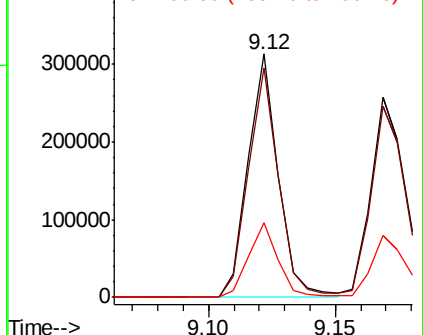


Abundance

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: 38.193 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:196 Resp: 264007

Ion Ratio Lower Upper

196 100

198 95.5 76.0 114.0

97 49.5 36.4 54.6

132 29.5 21.5 32.3

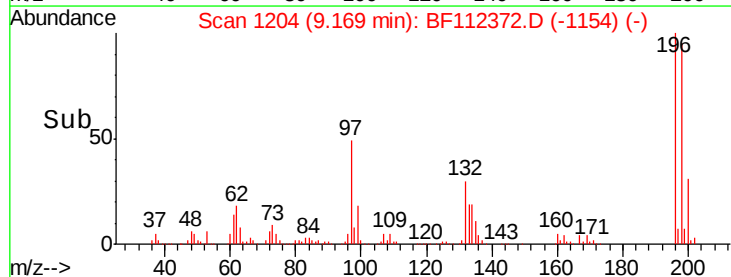
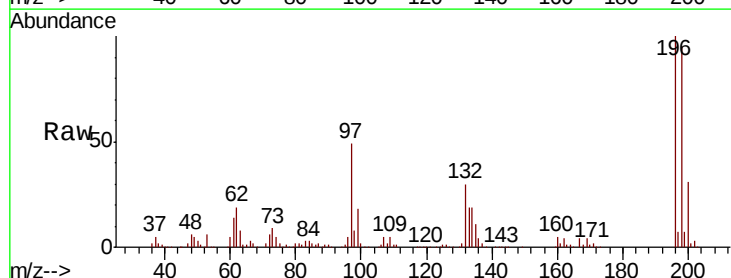
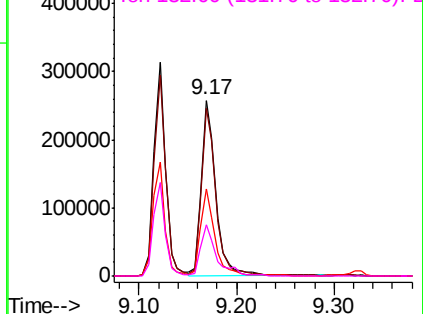
Abundance

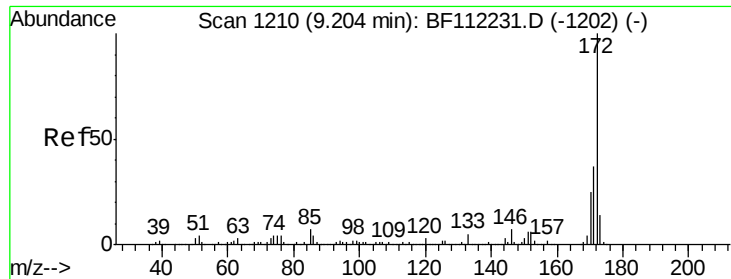
Ion 196.00 (195.70 to 196.70): E

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

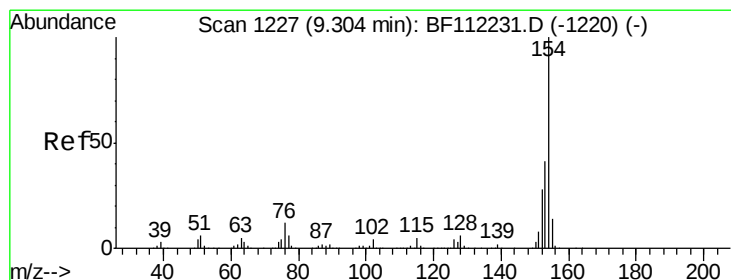
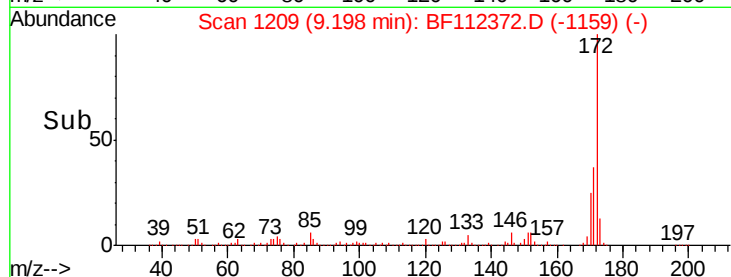
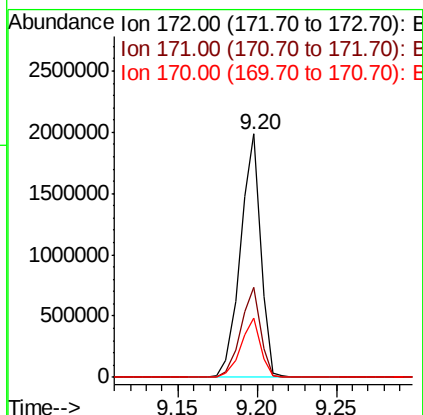
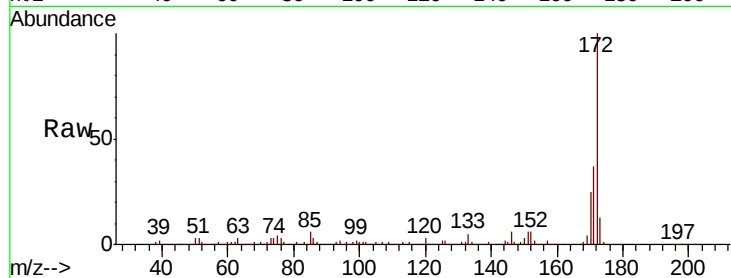




#45
2-Fluorobiphenyl
Concen: 75.764 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

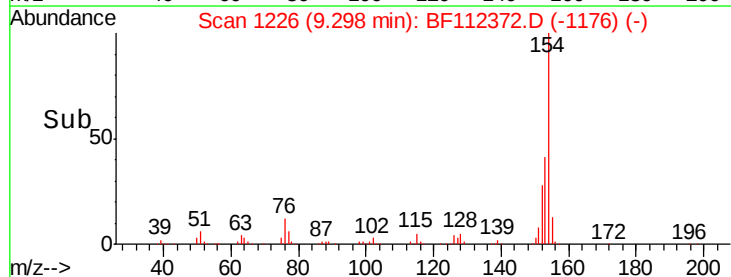
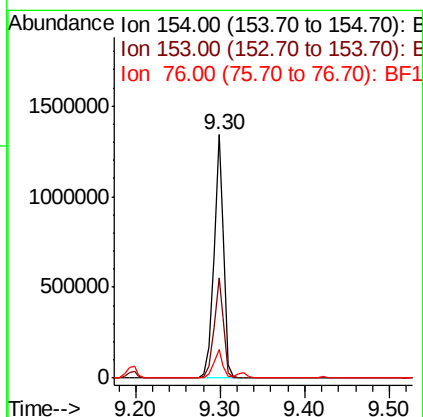
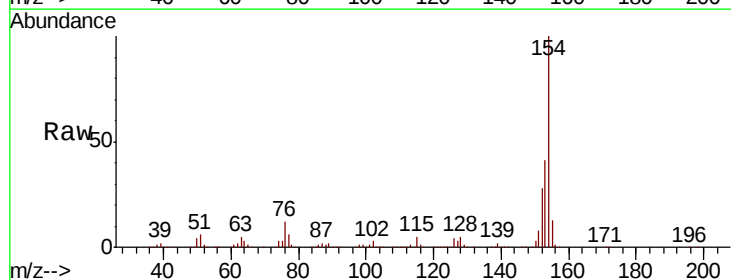
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

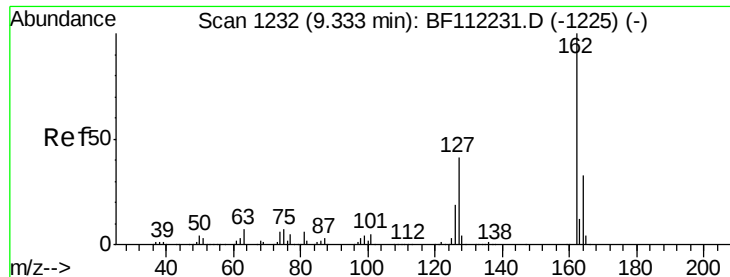
Tot Ion:172 Resp: 1750592
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.6 20.2 30.4



#46
1,1'-Biphenyl
Concen: 38.791 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:154 Resp: 1108250
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 11.6 0.0 33.1

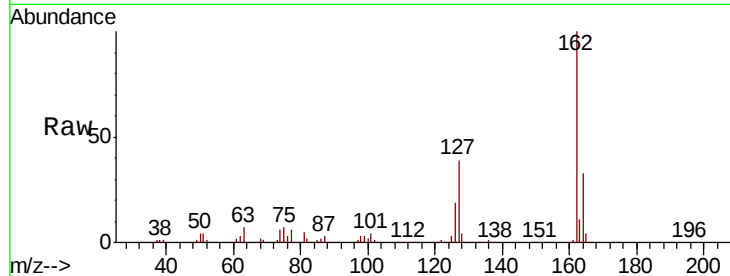




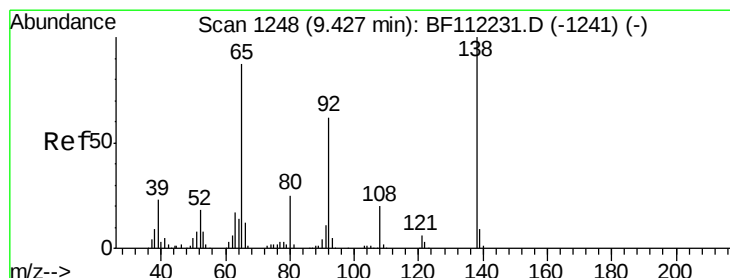
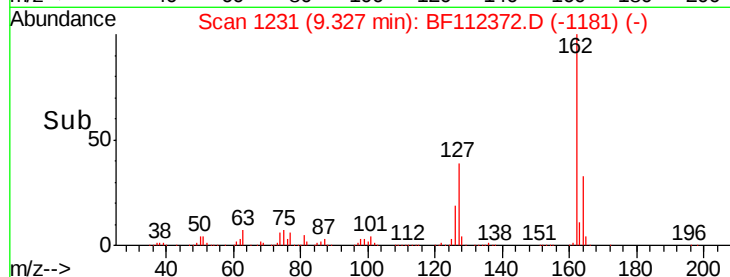
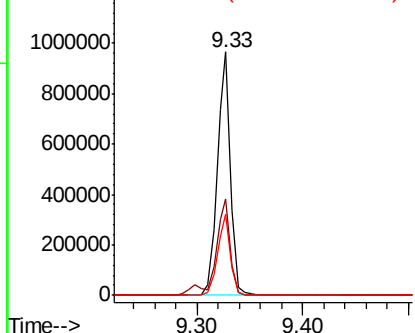
#47
2-Chloronaphthalene
Concen: 38.438 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 162 Resp: 851588
Ion Ratio Lower Upper
162 100
127 39.5 30.4 45.6
164 33.3 27.4 41.2

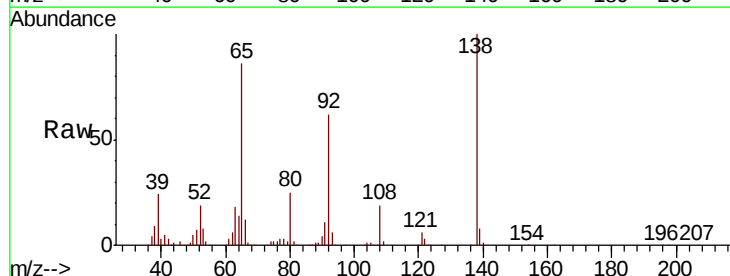


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

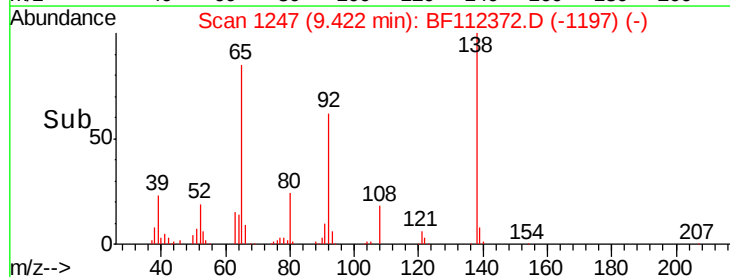
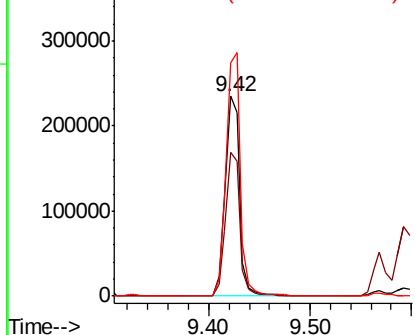


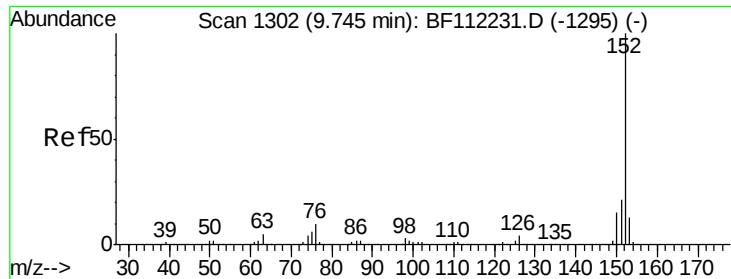
#48
2-Nitroaniline
Concen: 38.569 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion: 65 Resp: 232897
Ion Ratio Lower Upper
65 100
92 71.9 60.4 90.6
138 116.5 104.4 156.6



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: 38.114 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

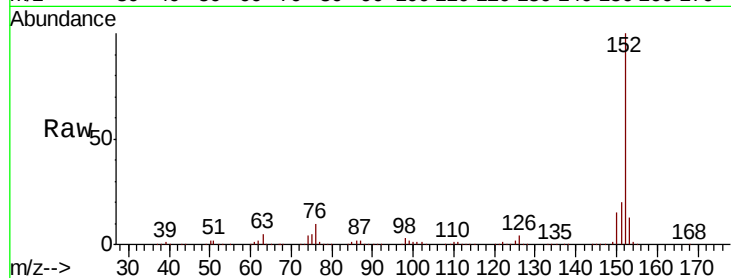
Tot Ion:152 Resp: 1237650

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

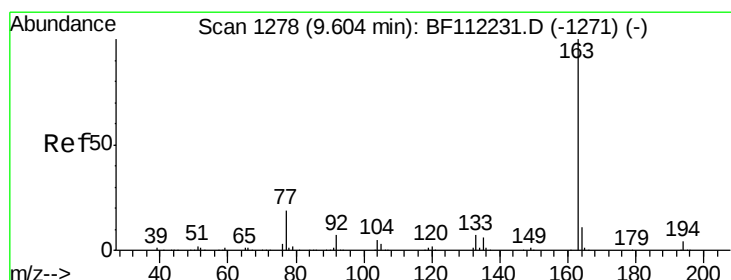
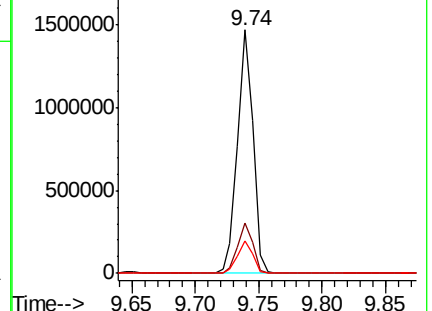
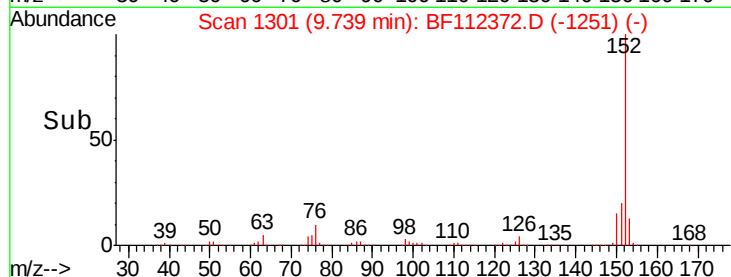
153 13.3 11.2 16.8



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: 38.621 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

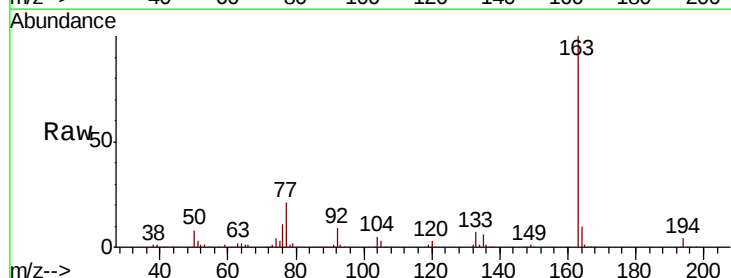
Tgt Ion:163 Resp: 980598

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

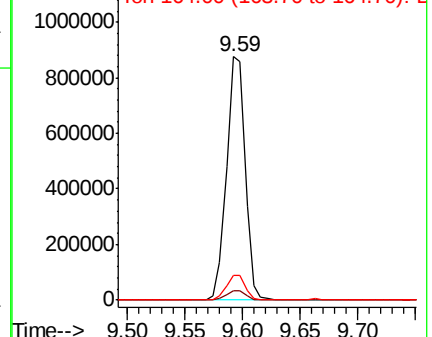
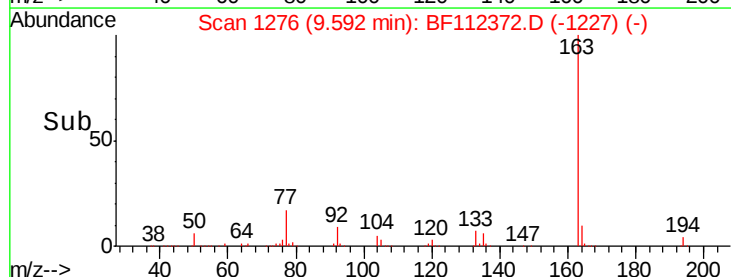
164 10.3 8.5 12.7

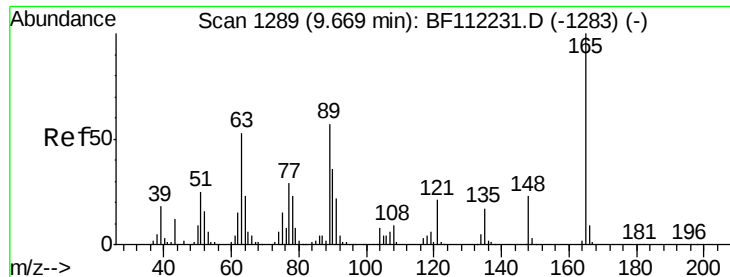


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.180 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

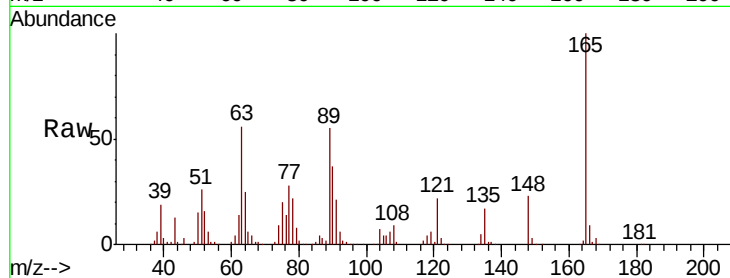
Tot Ion:165 Resp: 217109

Ion Ratio Lower Upper

165 100

63 55.7 33.8 50.8#

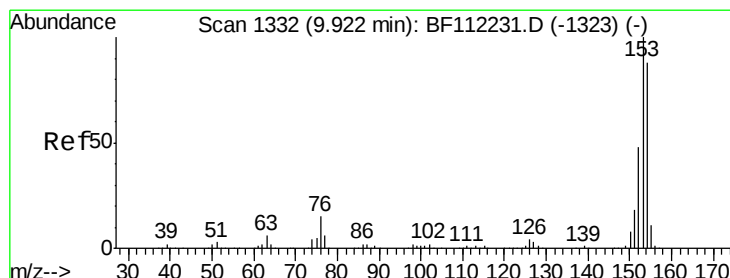
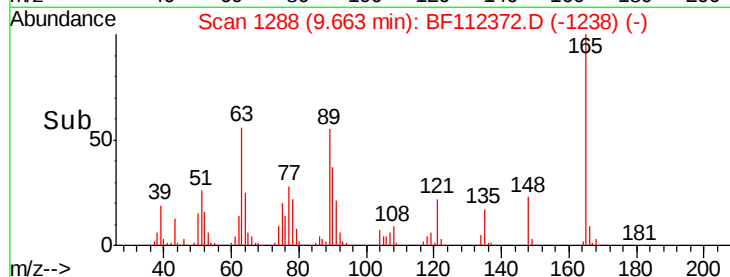
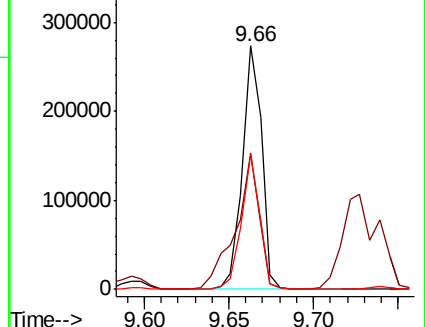
89 55.1 36.9 55.3



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: 38.094 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

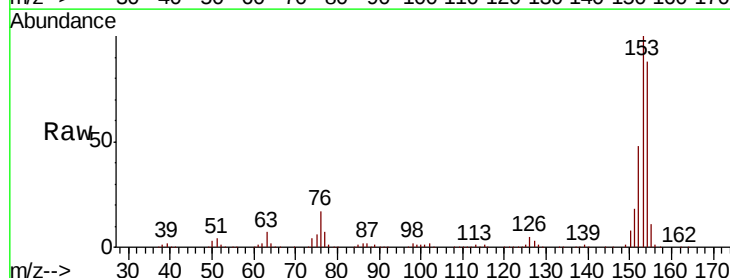
Tgt Ion:154 Resp: 738953

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

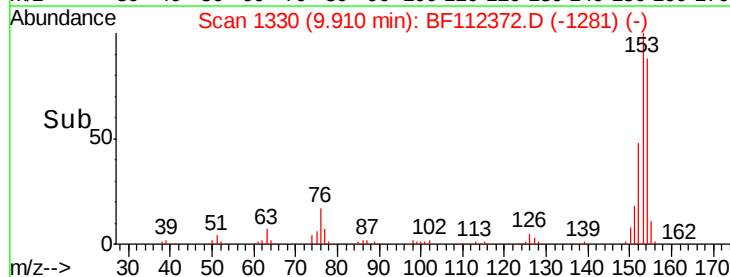
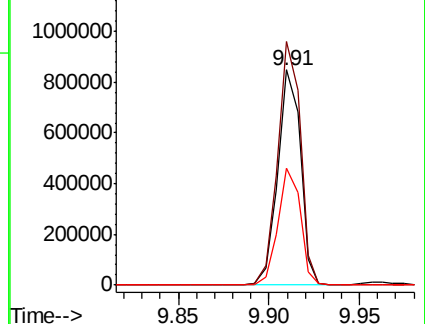
152 54.2 43.5 65.3

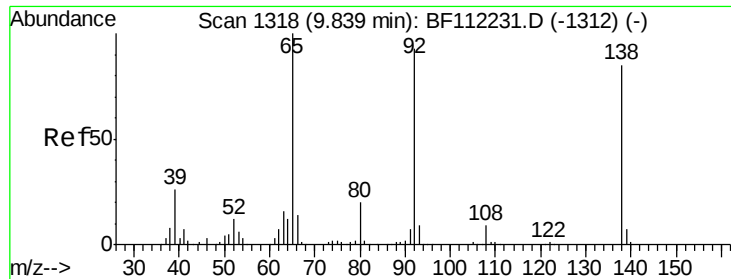


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

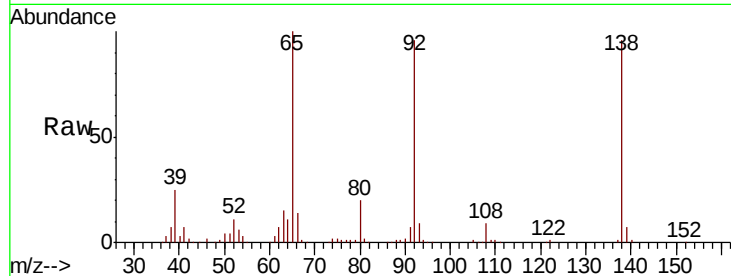




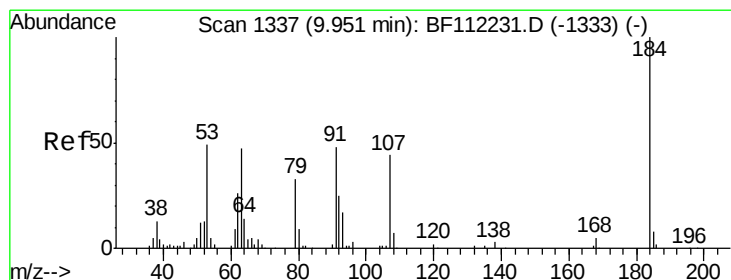
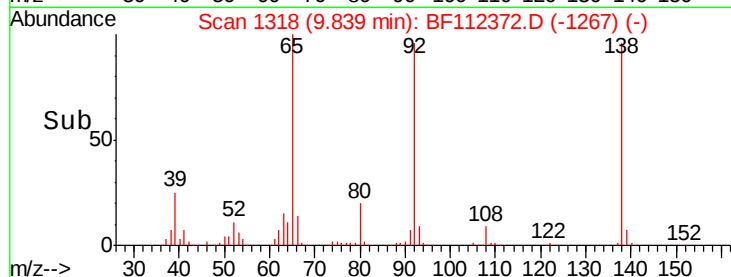
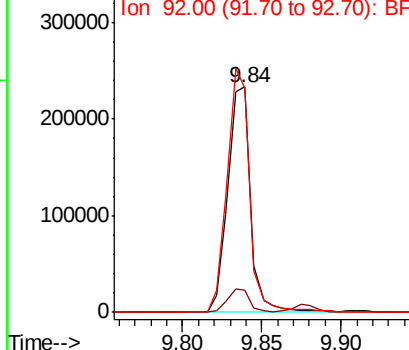
#53
3-Nitroaniline
Concen: 37.885 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 233390
Ion Ratio Lower Upper
138 100
108 9.8 9.8 14.6
92 99.9 79.4 119.2

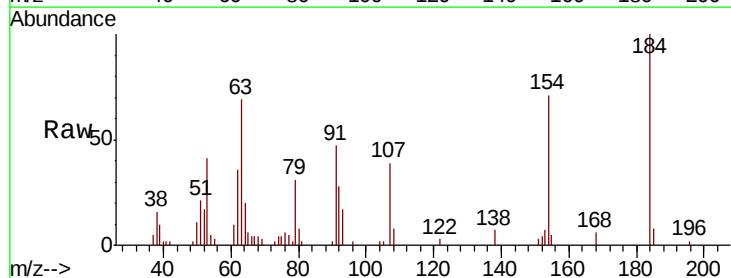


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

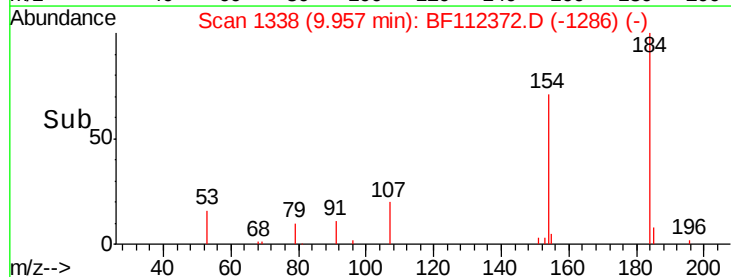
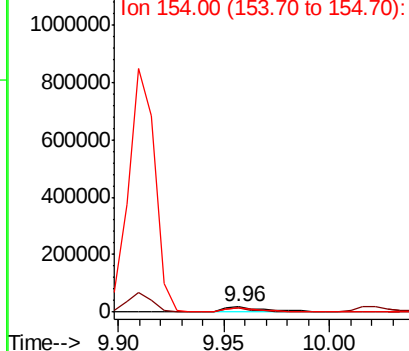


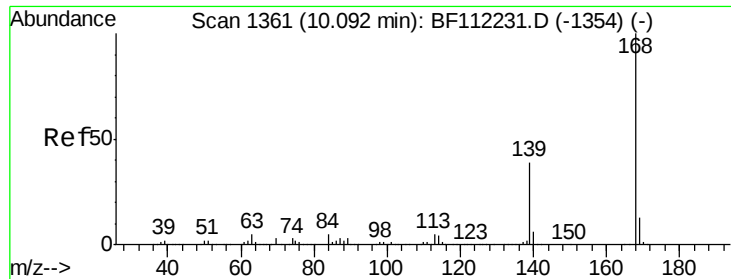
#54
2,4-Dinitrophenol
Concen: 14.517 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:184 Resp: 26492
Ion Ratio Lower Upper
184 100
63 68.9 47.1 70.7
154 70.9 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

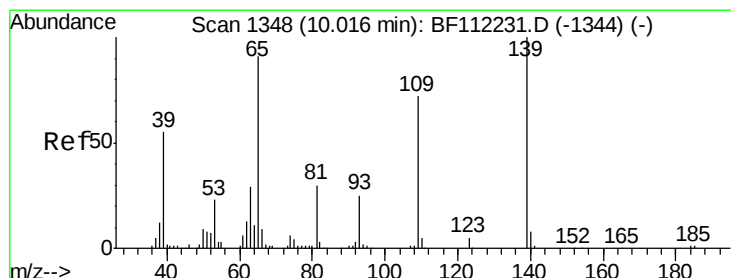
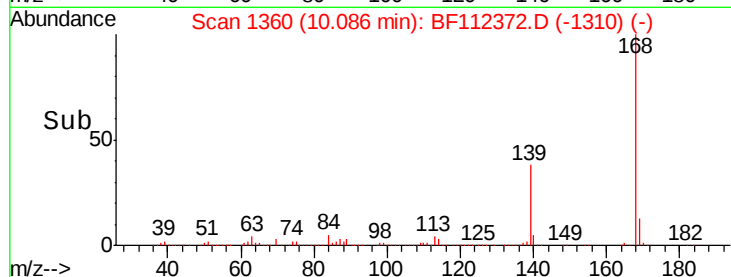
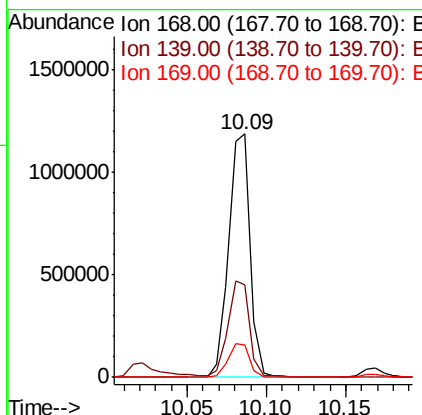
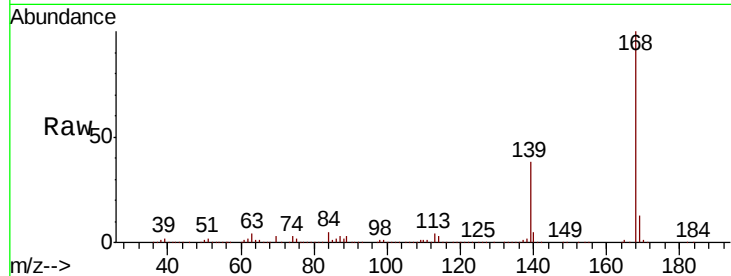




#55
Dibenzenofuran
Concen: 37.603 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

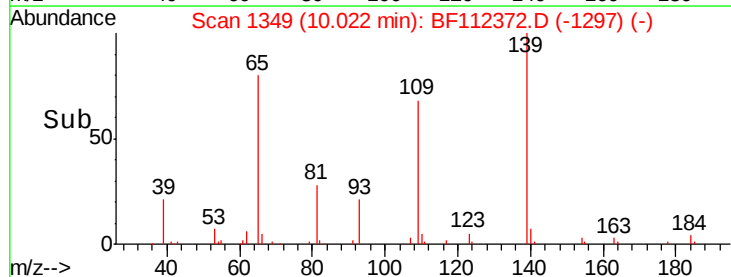
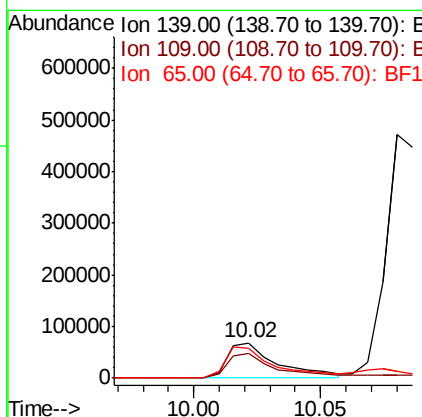
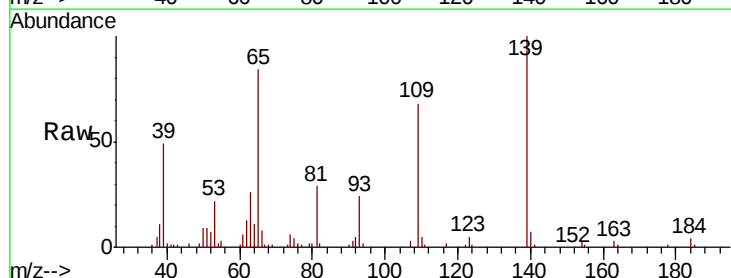
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

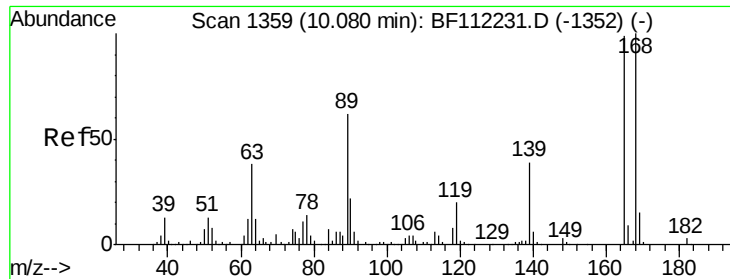
Tot Ion:168 Resp: 1114680
Ion Ratio Lower Upper
168 100
139 37.8 29.2 43.8
169 13.3 11.4 17.0



#56
4-Nitrophenol
Concen: 28.438 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:139 Resp: 92624
Ion Ratio Lower Upper
139 100
109 68.2 42.8 82.8
65 84.4 66.1 106.1

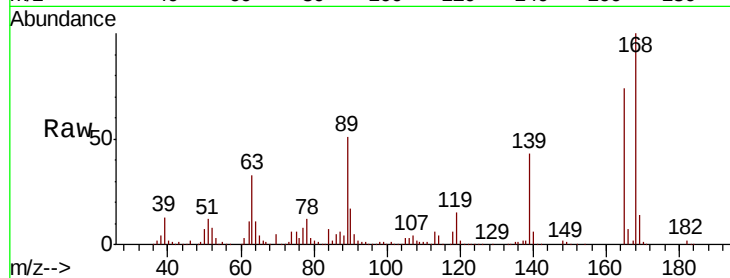




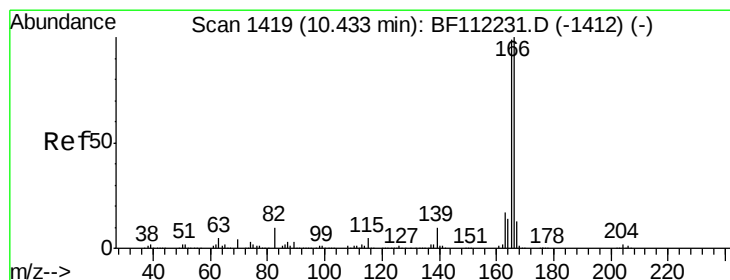
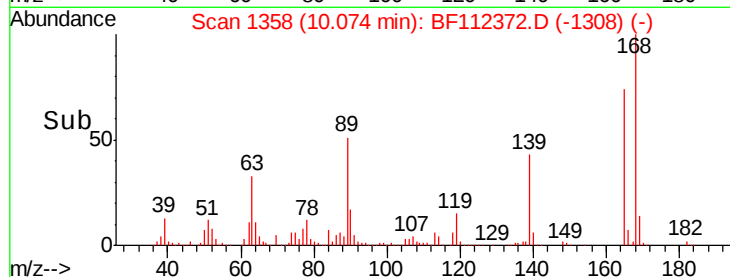
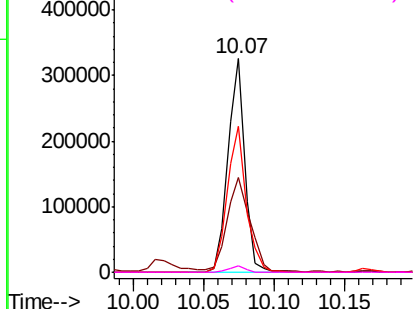
#57
2,4-Dinitrotoluene
Concen: 37.295 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	27.9	41.9#
89	68.1	47.9	71.9
182	3.0	2.2	3.4

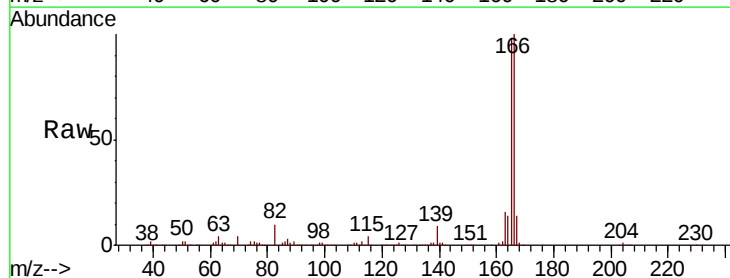


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

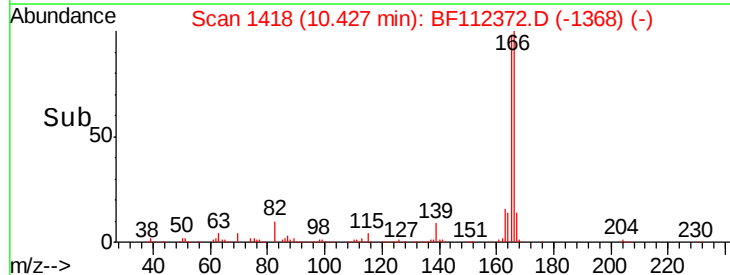
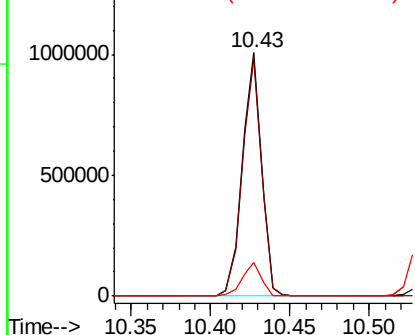


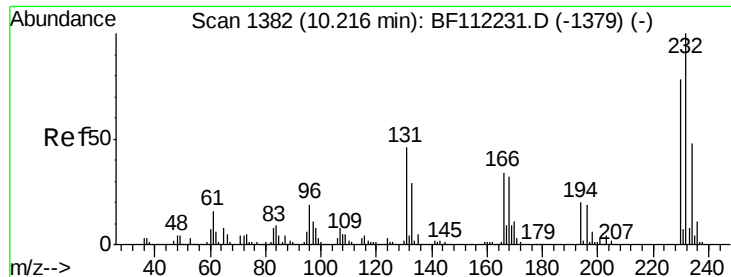
#58
Fluorene
Concen: 38.053 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.1	115.7
167	13.6	11.3	16.9



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

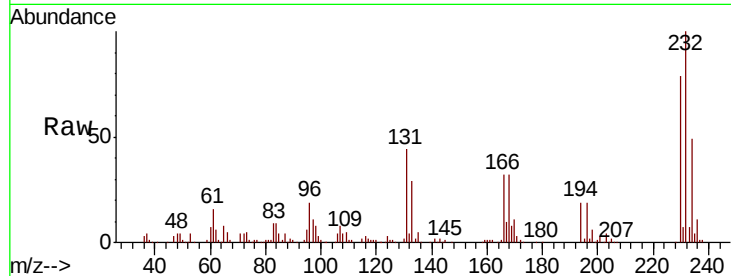




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.400 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	33.9	50.9
130	2.6	1.8	2.6
166	30.5	23.6	35.4



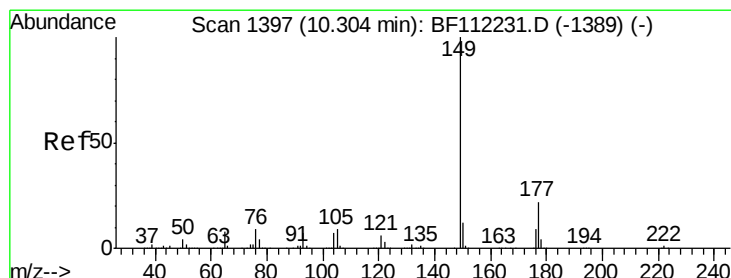
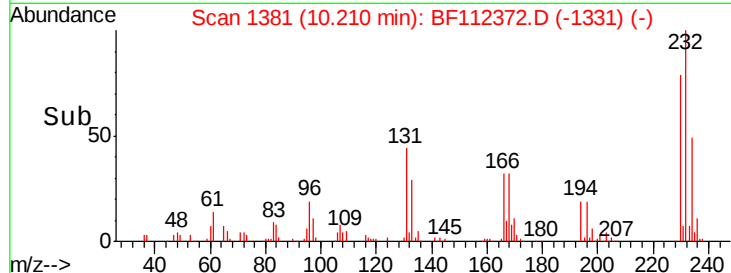
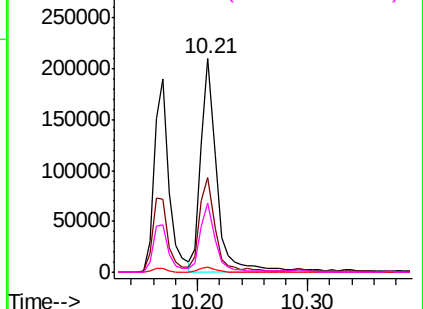
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

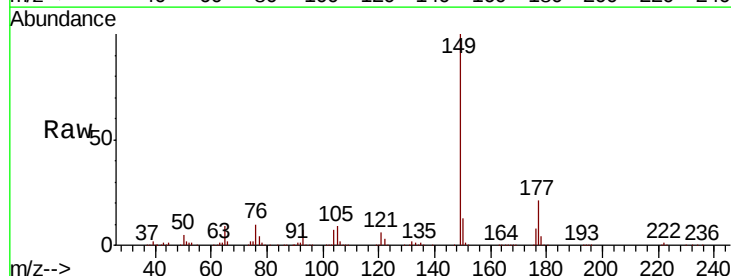
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.110 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.2	27.2
150	12.5	10.4	15.6

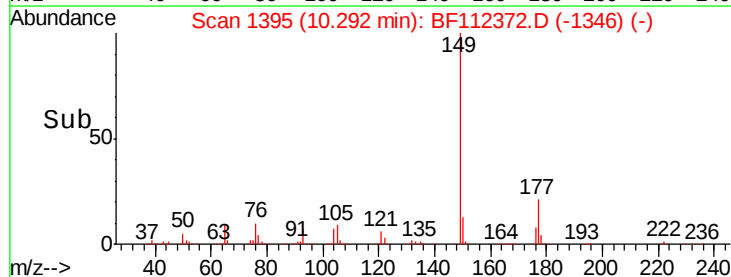
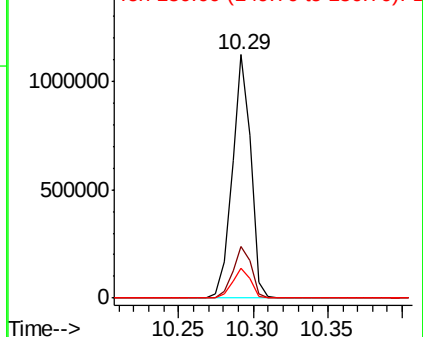


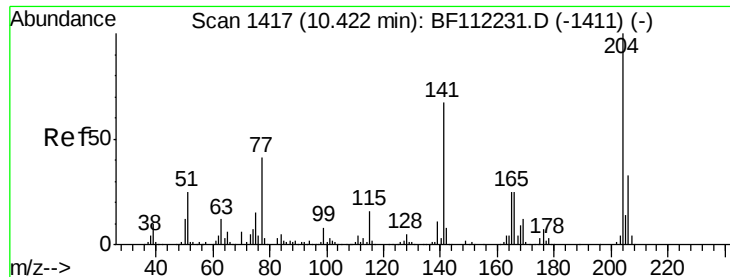
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

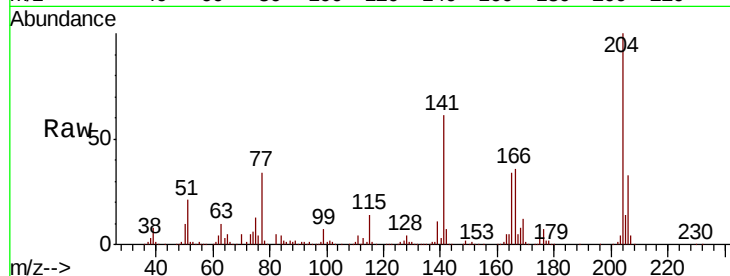




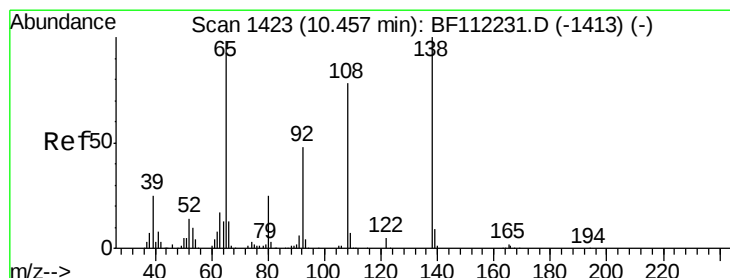
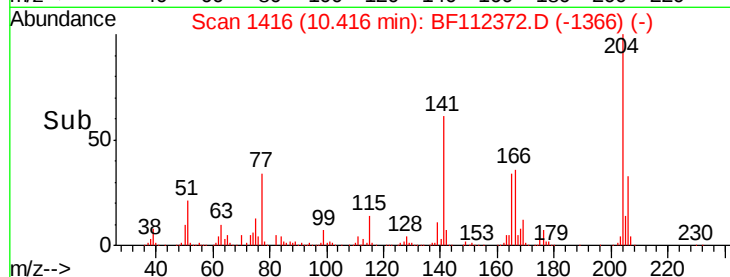
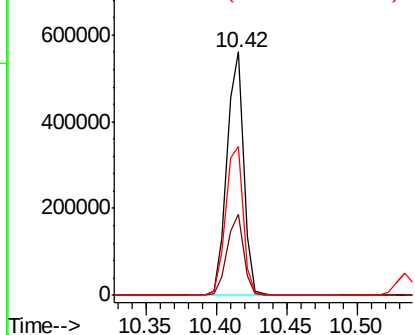
#61
4-Chlorophenyl-phenylether
Concen: 38.358 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 462864
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.0 45.9 68.9

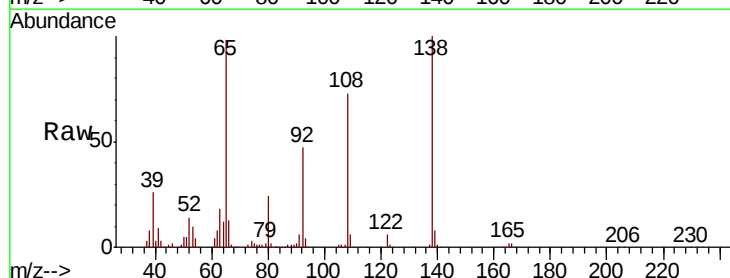


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

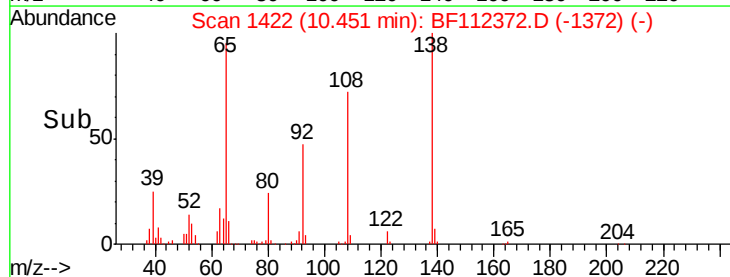
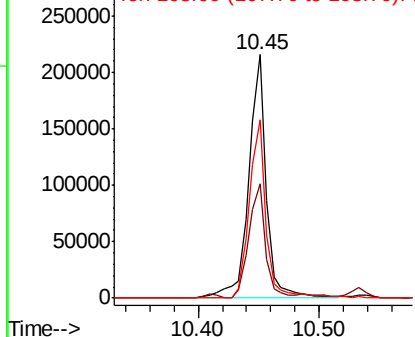


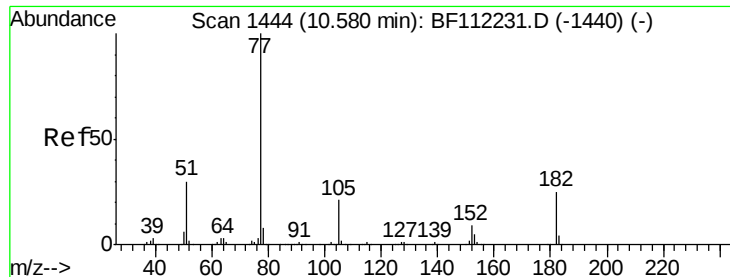
#62
4-Nitroaniline
Concen: 36.571 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:138 Resp: 220982
Ion Ratio Lower Upper
138 100
92 46.9 30.6 70.6
108 73.0 50.0 90.0



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: 38.083 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 843921

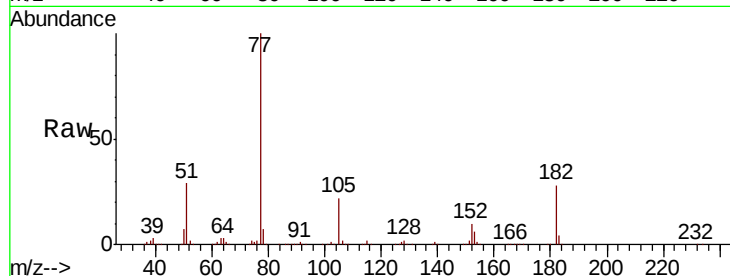
Ion Ratio Lower Upper

77 100

182 28.0 5.7 45.7

105 21.8 1.4 41.4

51 29.4 9.5 49.5

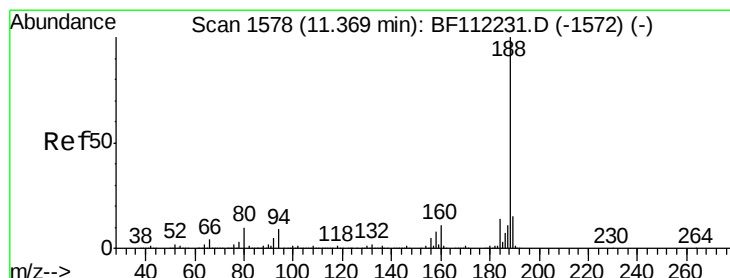
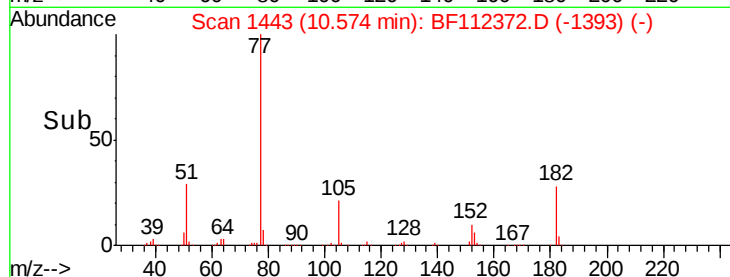
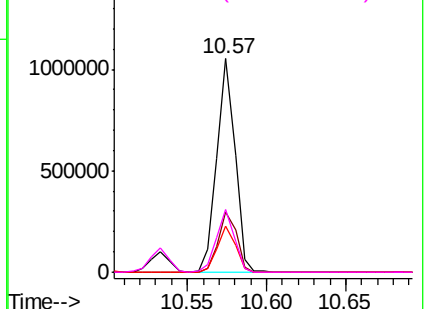


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

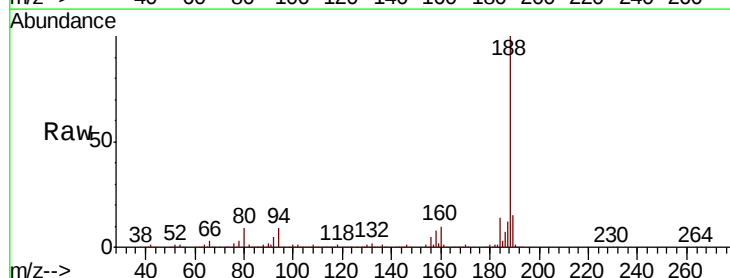
Tgt Ion: 188 Resp: 578962

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

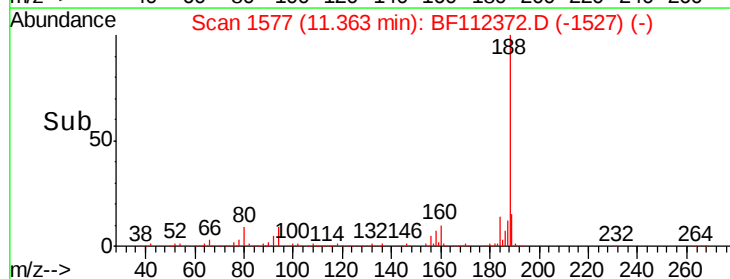
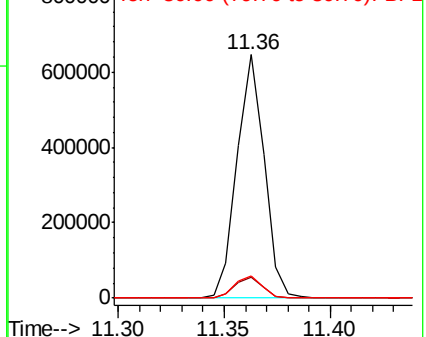
80 8.9 8.9 13.3

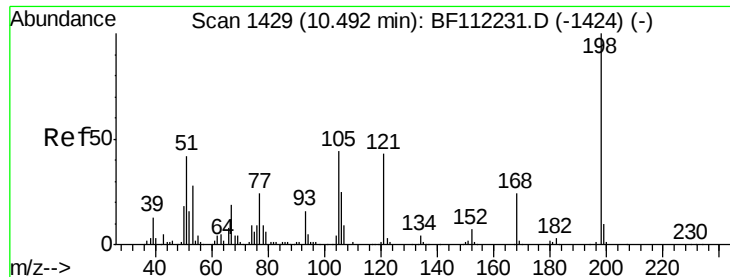


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 23.892 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

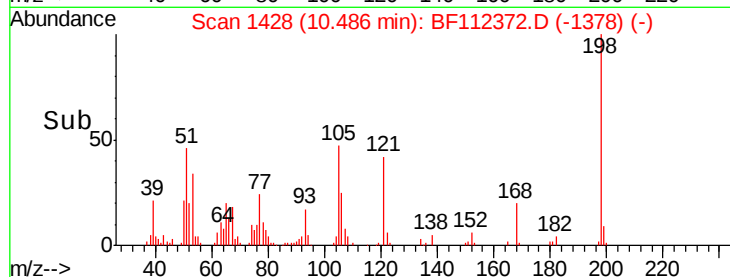
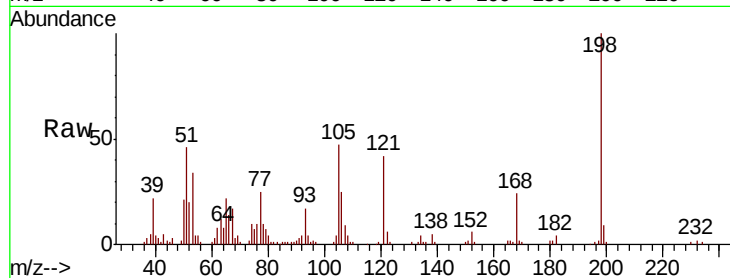
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 77554

Ion	Ratio	Lower	Upper
198	100		
51	45.5	17.2	57.2
105	46.6	21.9	61.9

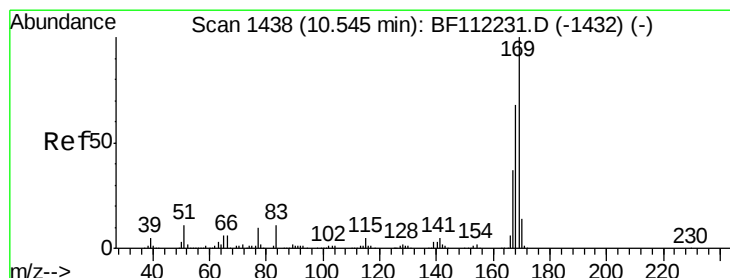
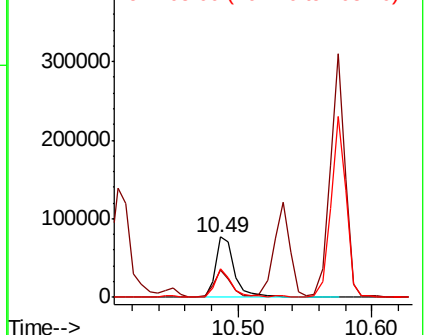


Abundance

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: 41.176 ng

RT: 10.53 min Scan# 1436

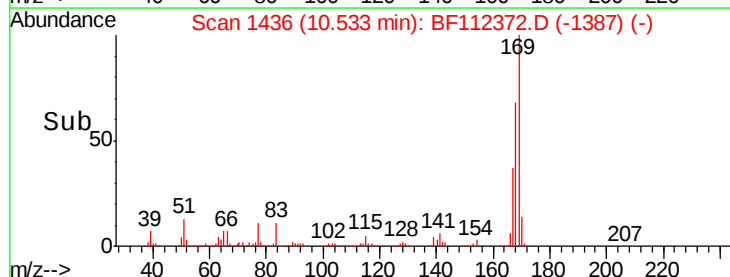
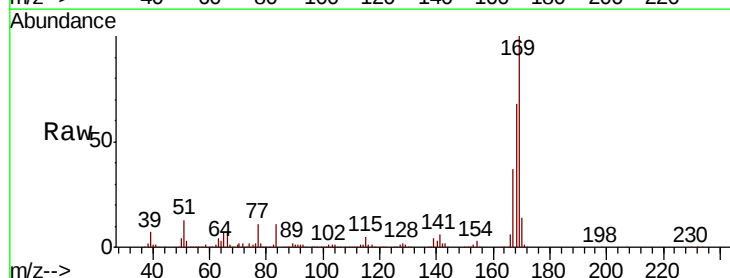
Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:169 Resp: 803445

Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.9	80.9
167	36.7	28.9	43.3

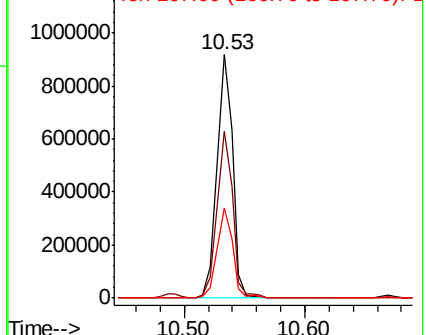


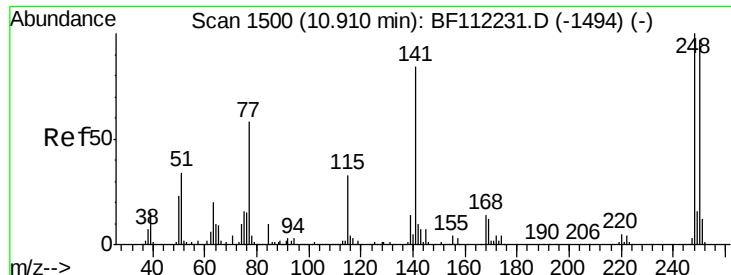
Abundance

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

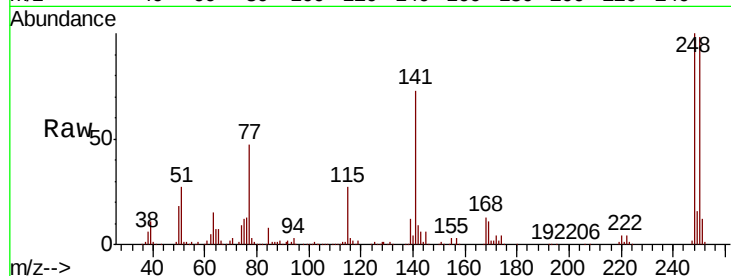




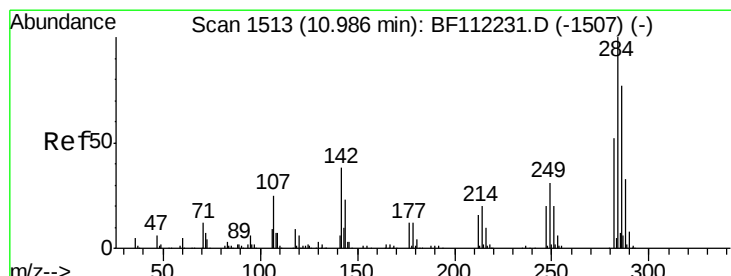
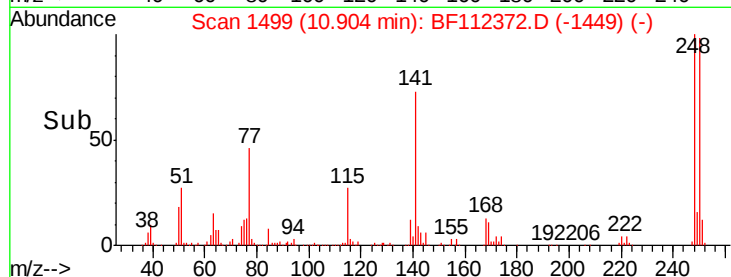
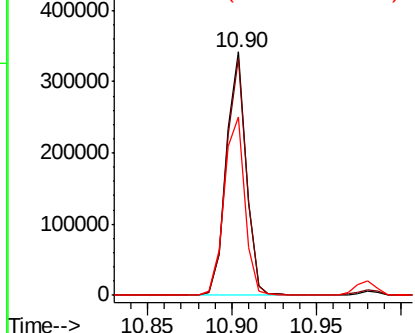
#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 279053
Ion Ratio Lower Upper
248 100
250 97.6 79.7 119.5
141 73.5 60.3 90.5

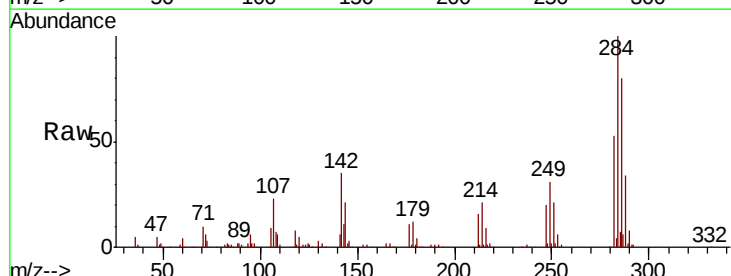


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

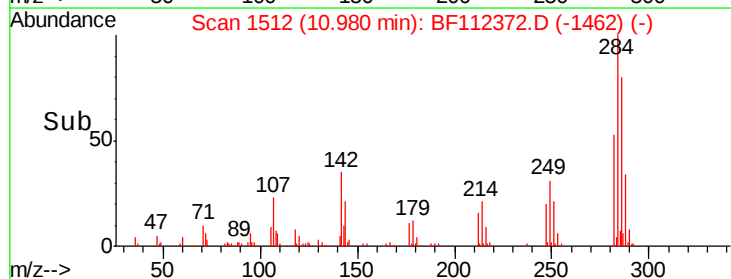
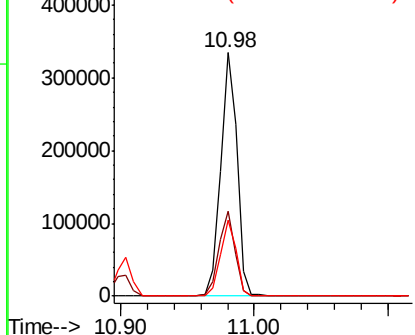


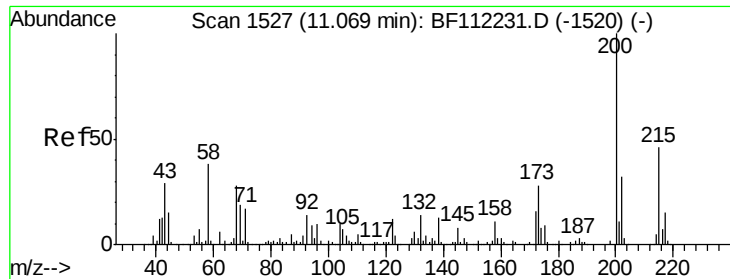
#68
Hexachlorobenzene
Concen: 39.753 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:284 Resp: 290420
Ion Ratio Lower Upper
284 100
142 34.9 27.6 41.4
249 31.3 24.1 36.1



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: 40.311 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

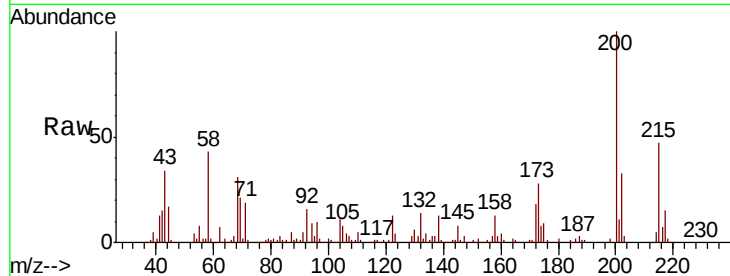
Tot Ion:200 Resp: 253805

Ion Ratio Lower Upper

200 100

173 28.1 7.1 47.1

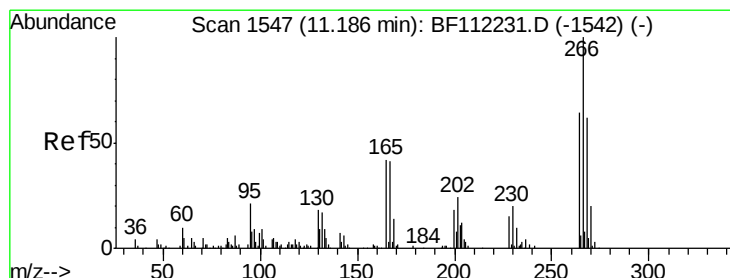
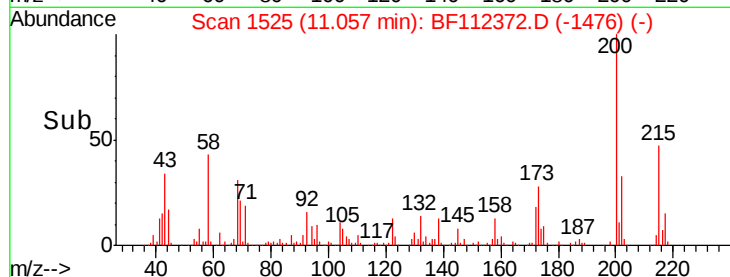
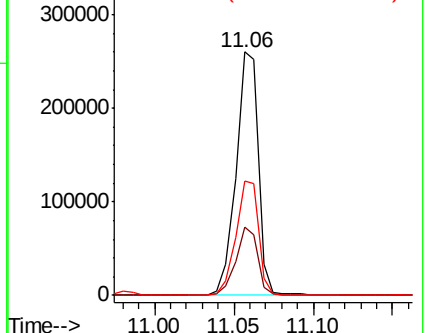
215 47.0 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.045 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

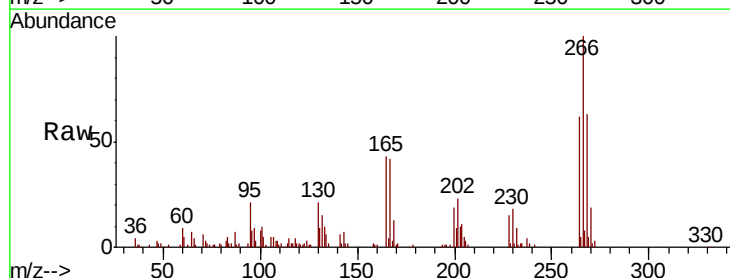
Tgt Ion:266 Resp: 96780

Ion Ratio Lower Upper

266 100

268 62.9 51.2 76.8

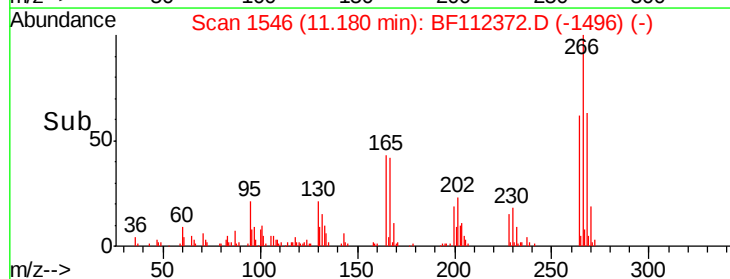
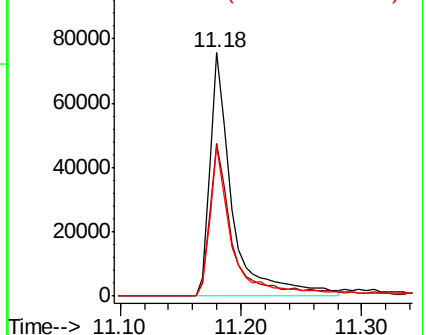
264 61.6 50.9 76.3

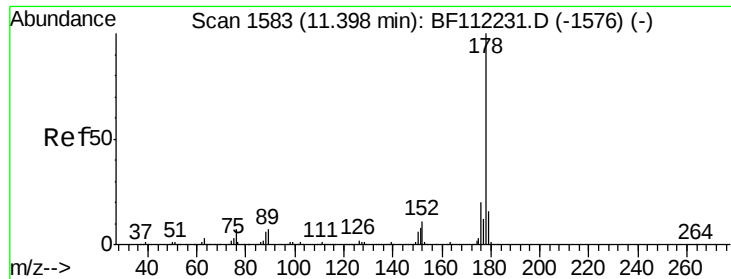


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

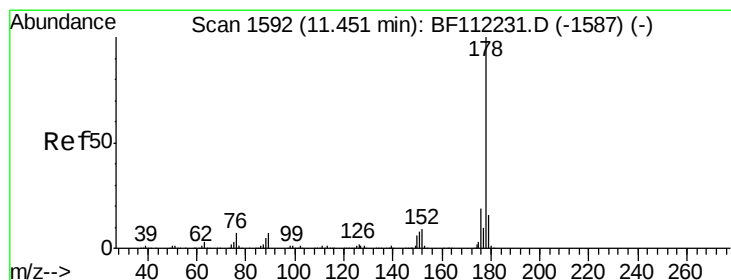
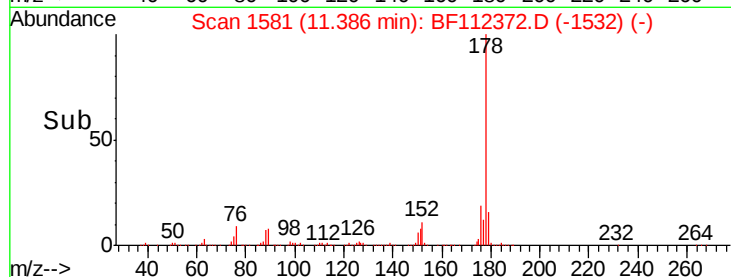
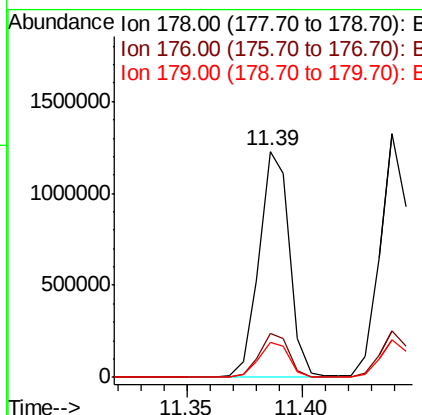
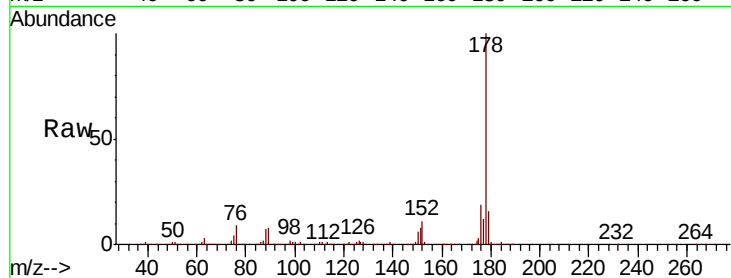




#71
Phenanthrene
Concen: 37.518 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

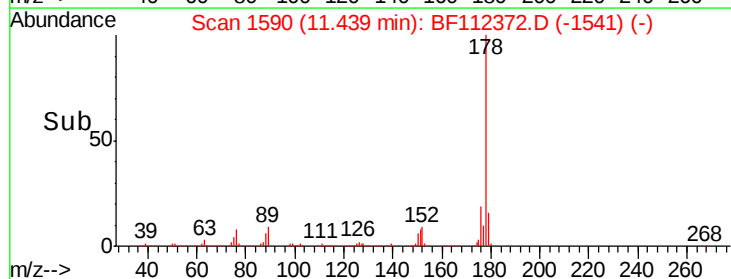
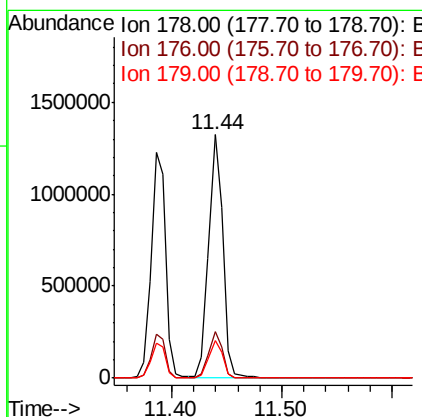
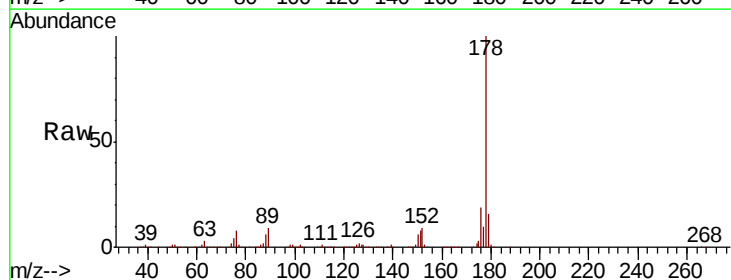
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

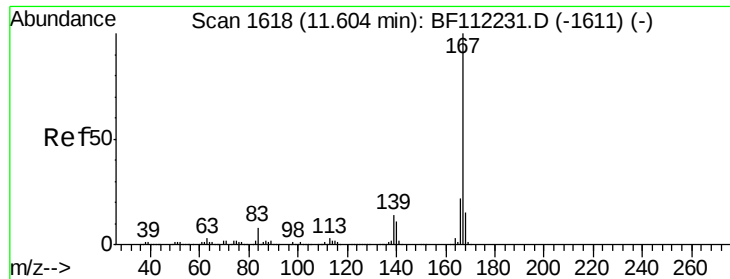
Tot Ion:178 Resp: 1129262
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.6 13.0 19.4



#72
Anthracene
Concen: 38.203 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:178 Resp: 1145433
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.6 12.8 19.2



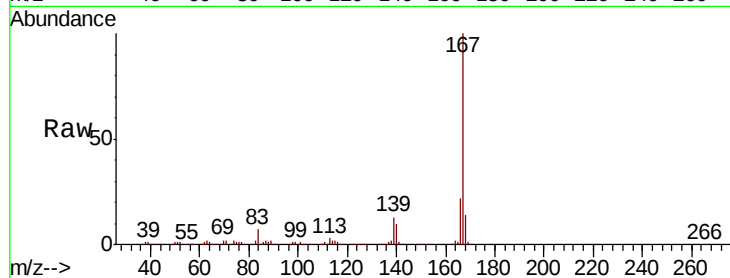


#73
 Carbazole
 Concen: 36.750 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

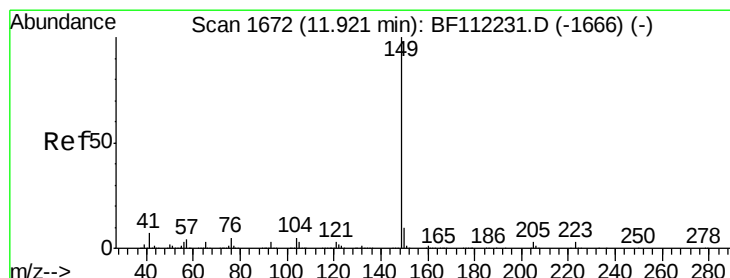
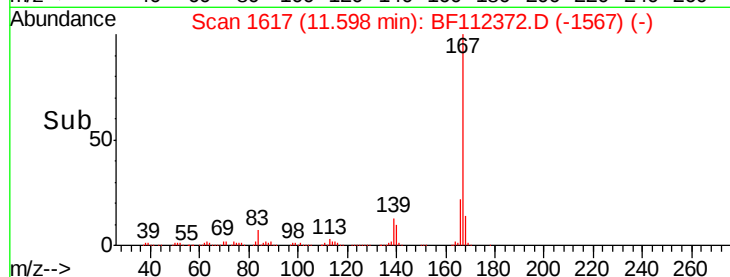
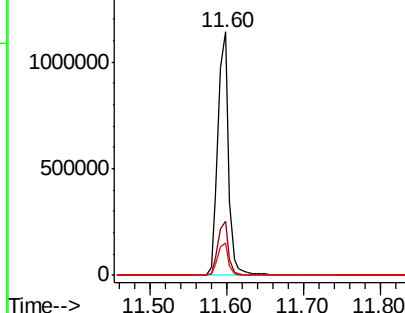
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1086894

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.1	10.2	15.2



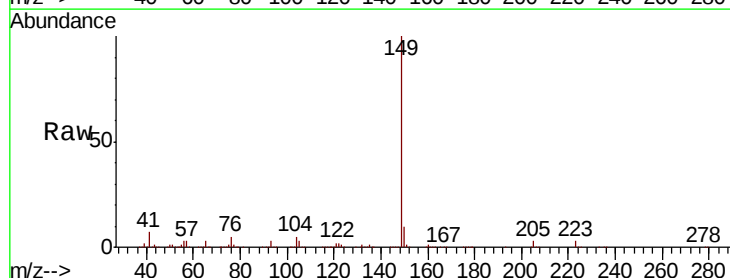
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



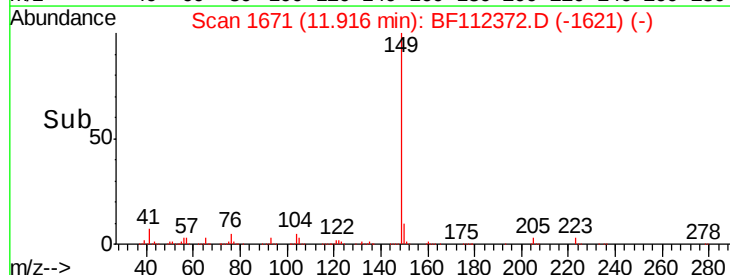
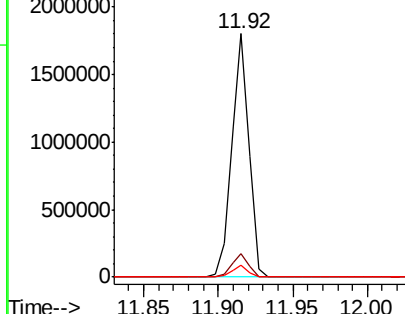
#74
 Di-n-butylphthalate
 Concen: 39.989 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

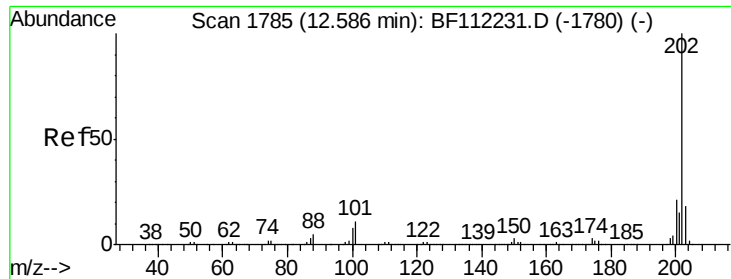
Tgt Ion:149 Resp: 1468005

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	3.9	5.9



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: 32.157 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

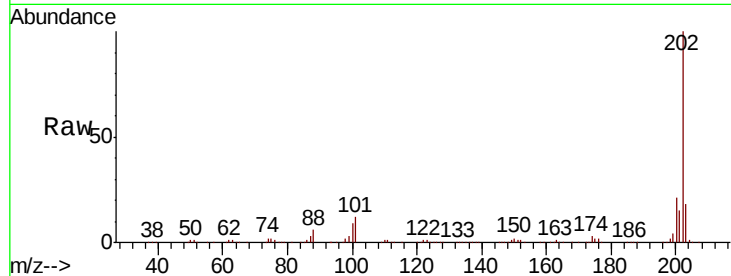
Tot Ion:202 Resp: 1038130

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.8

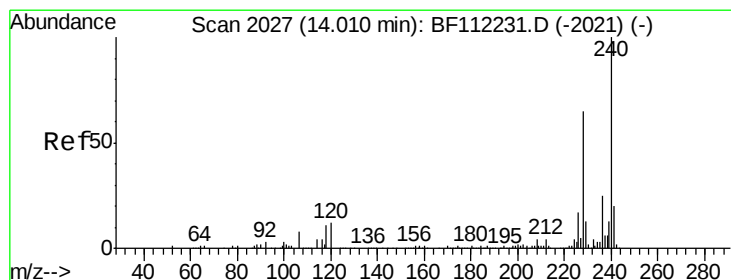
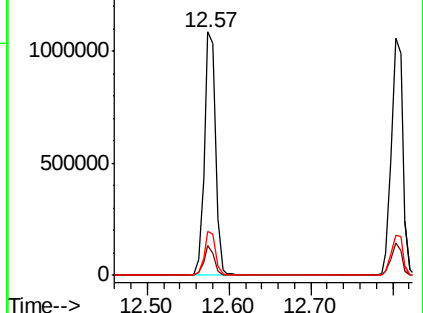
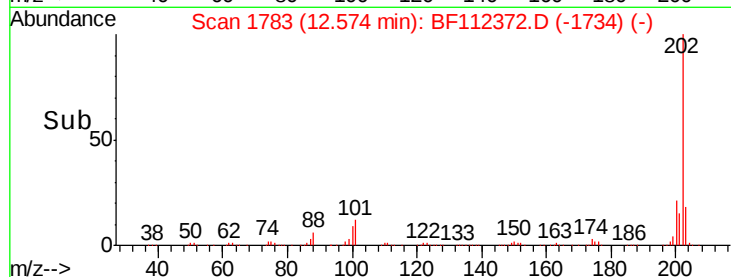
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

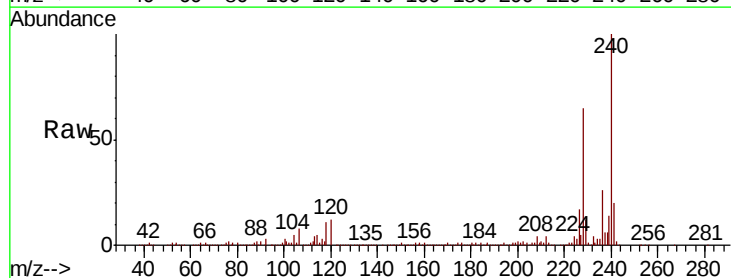
Tgt Ion:240 Resp: 381864

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

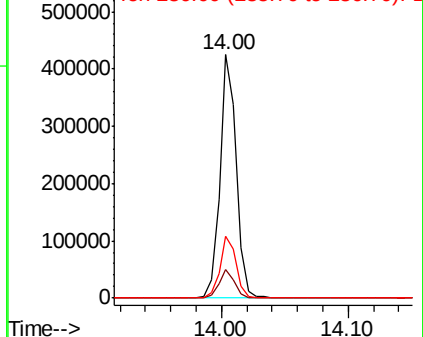
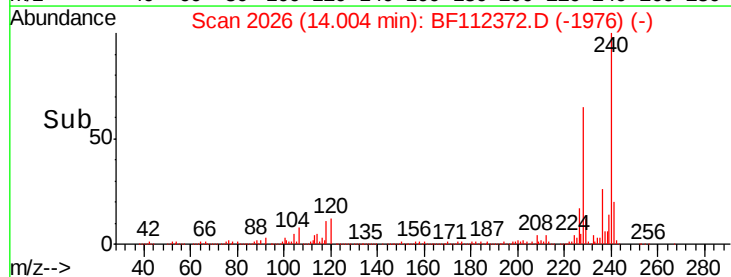
236 25.6 20.7 31.1

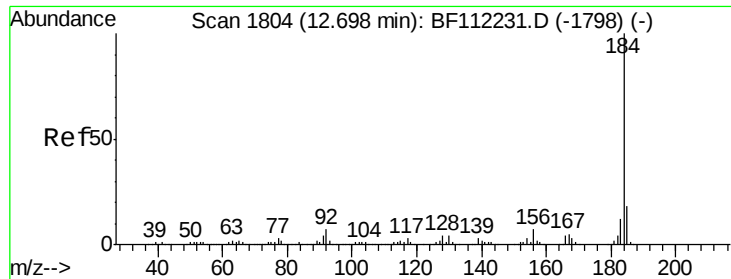


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.587 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

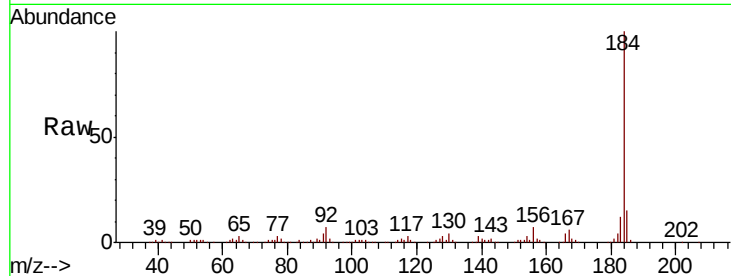
Tot Ion:184 Resp: 395043

Ion Ratio Lower Upper

184 100

185 14.9 13.9 20.9

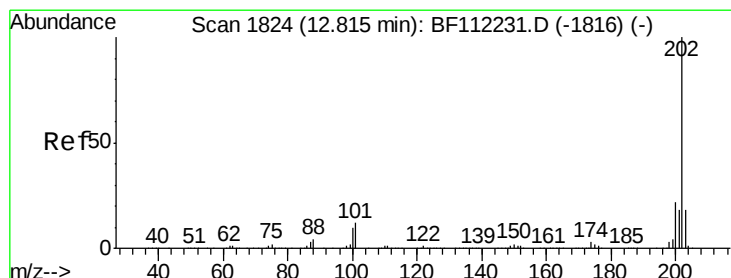
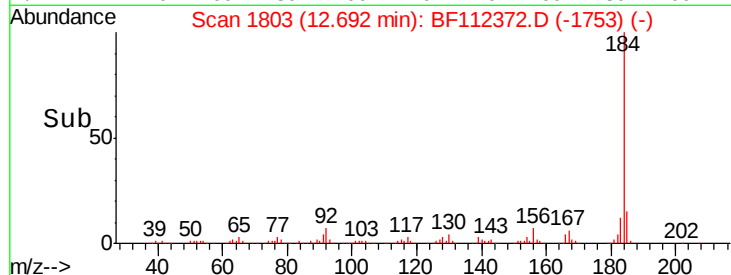
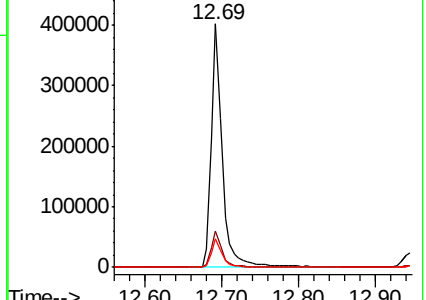
183 11.9 10.0 15.0



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: 39.423 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

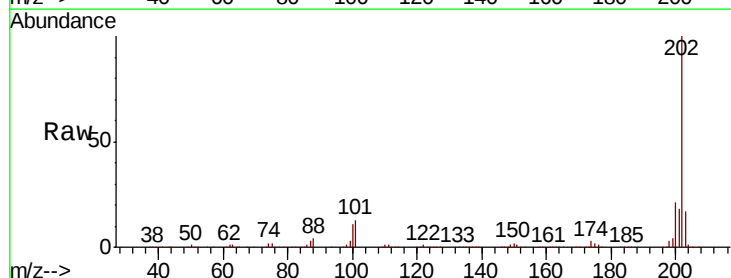
Tgt Ion:202 Resp: 1042274

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

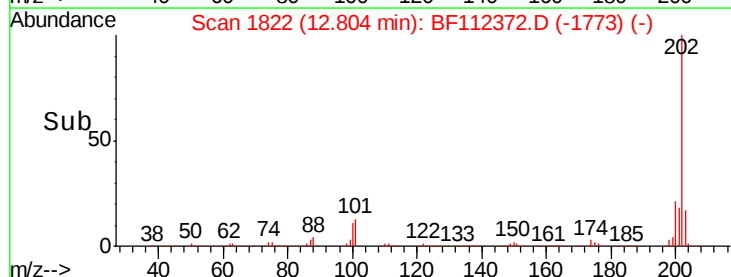
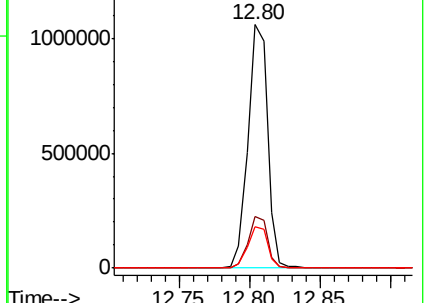
203 17.1 14.6 22.0

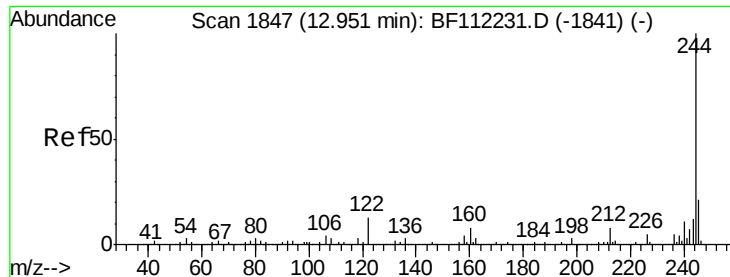


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.504 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

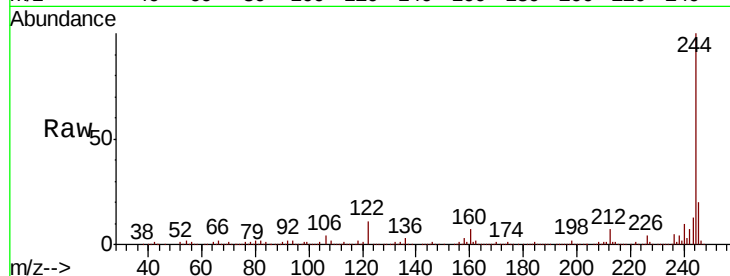
Tot Ion:244 Resp: 1591658

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

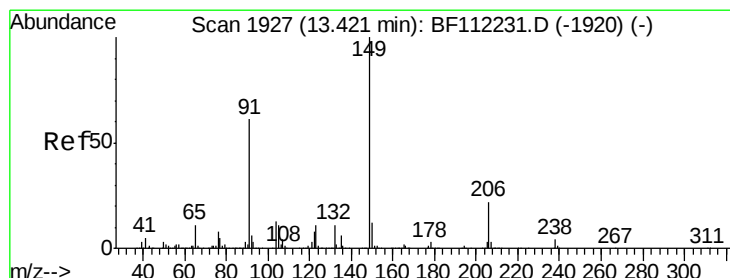
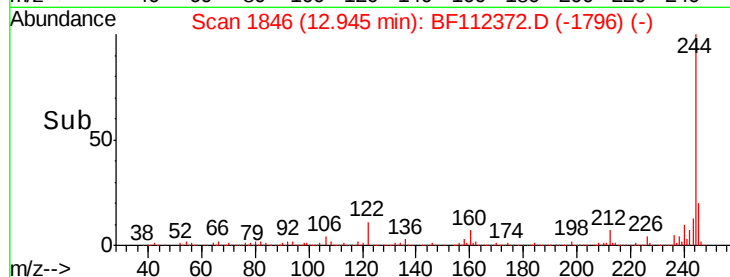
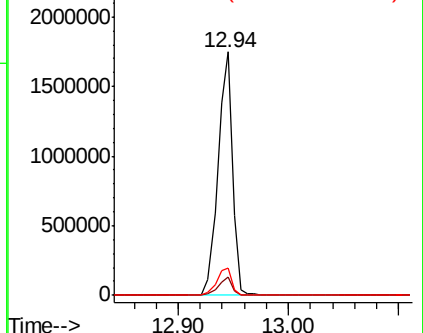
122 11.2 9.8 14.6



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: 40.185 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

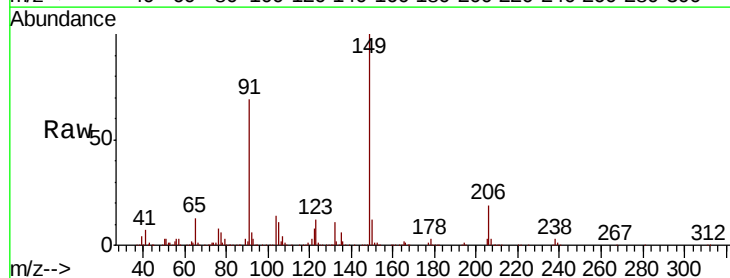
Tgt Ion:149 Resp: 514014

Ion Ratio Lower Upper

149 100

91 69.1 50.3 75.5

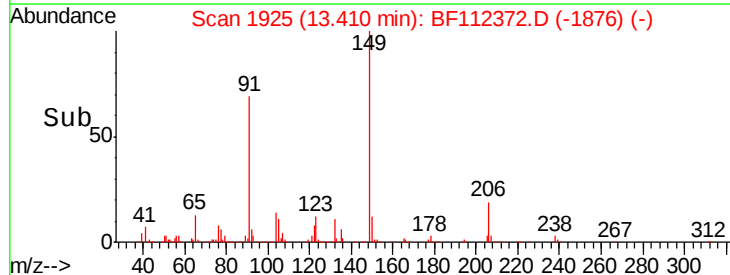
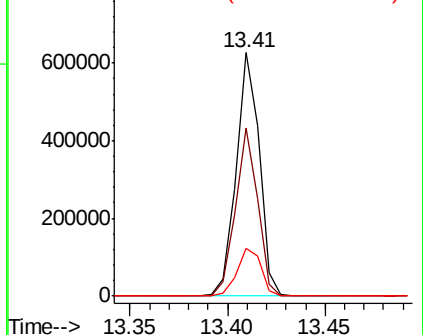
206 19.4 18.2 27.4

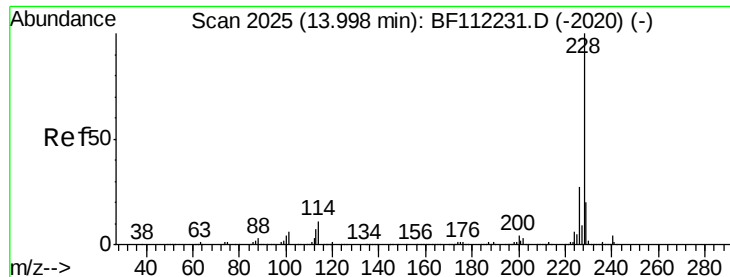


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.162 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

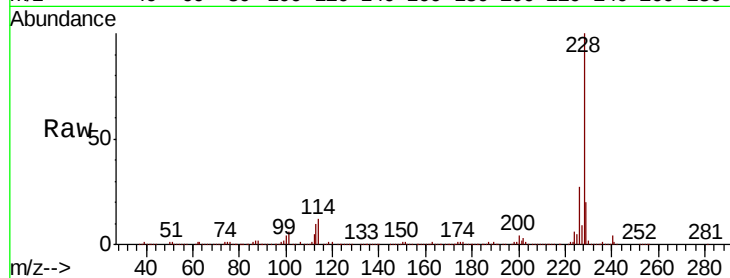
Tot Ion:228 Resp: 856659

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

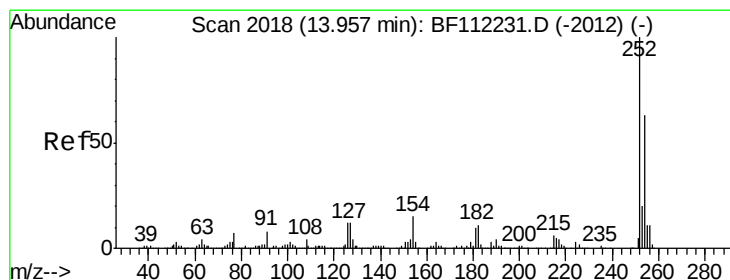
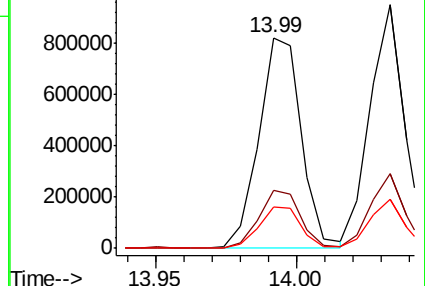
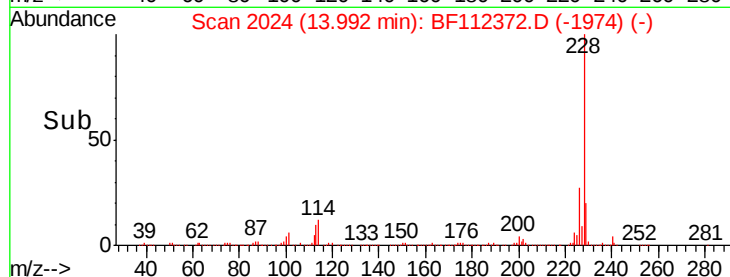
229 19.7 16.5 24.7



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: 38.735 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

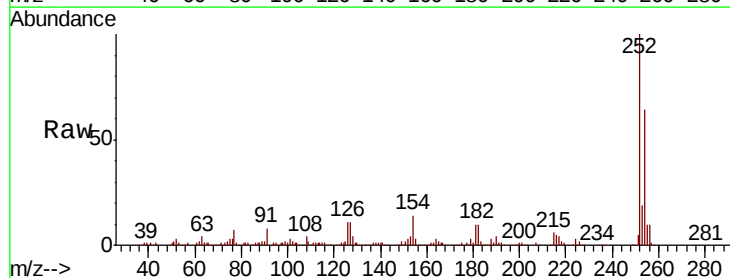
Tgt Ion:252 Resp: 325413

Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

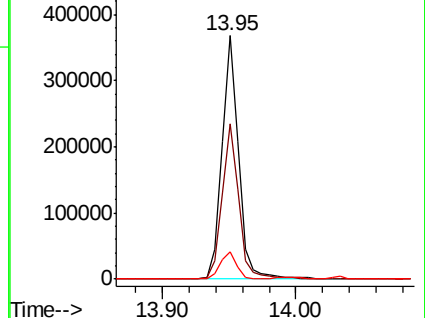
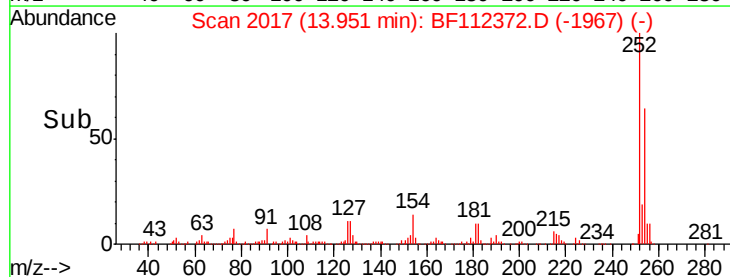
126 11.5 8.6 12.8



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

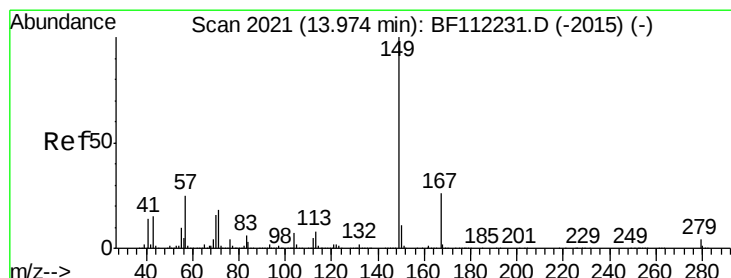
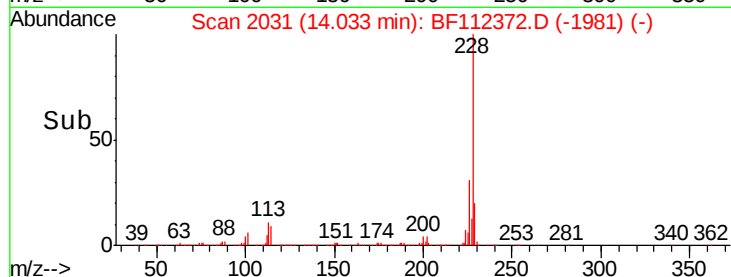
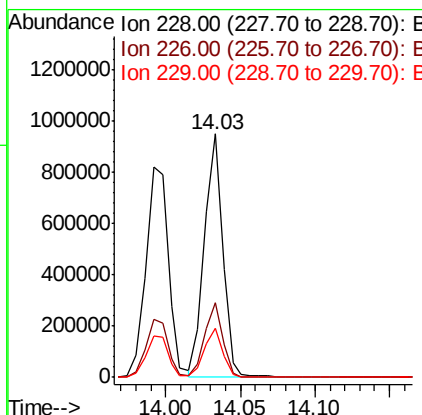
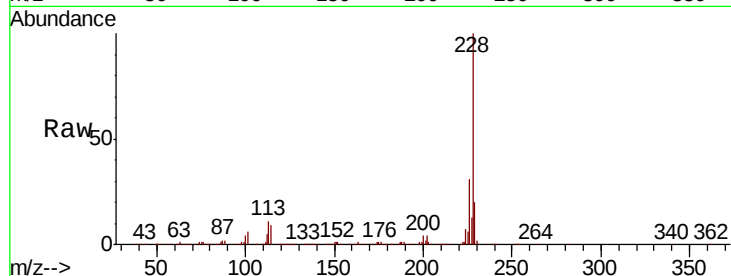




#83
 Chrvsene
 Concen: 37.773 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

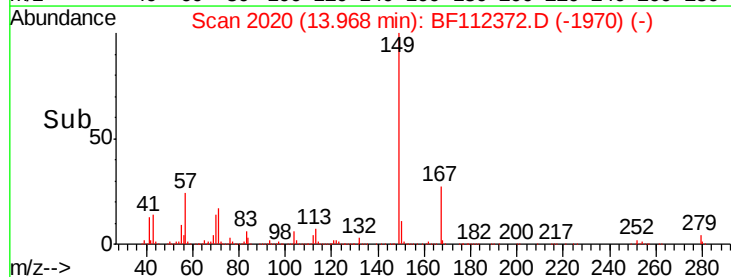
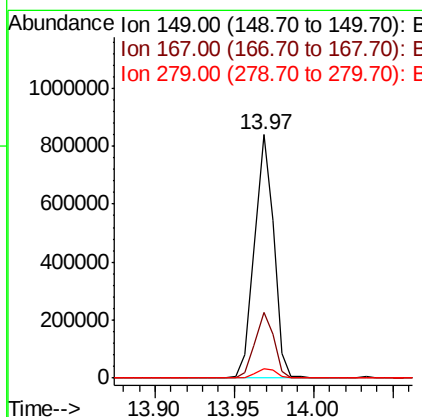
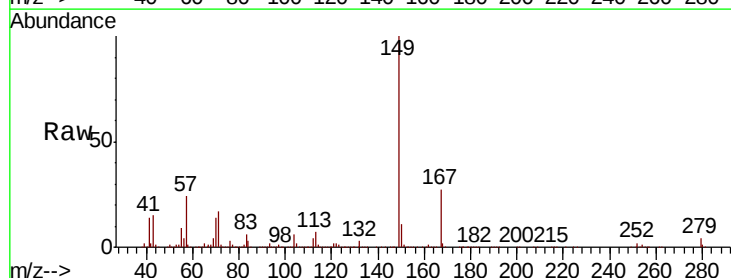
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

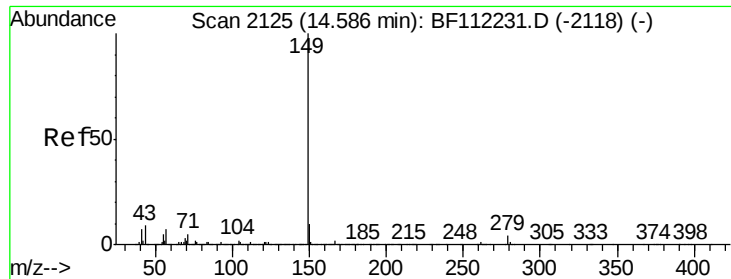
Tot Ion:228 Resp: 809383
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.0 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.161 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:149 Resp: 711047
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.5 33.7
 279 4.0 3.8 5.6

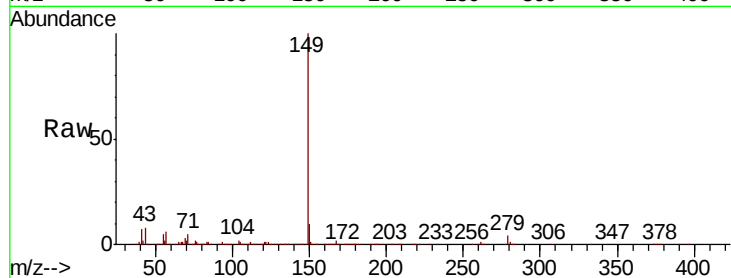




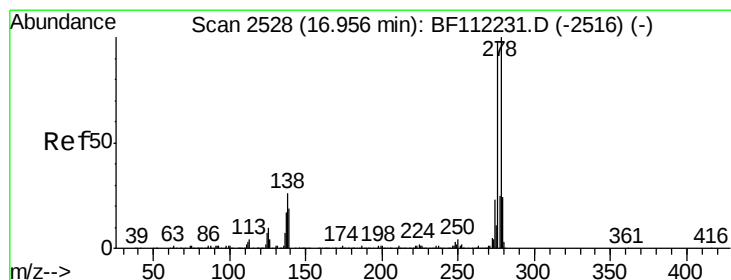
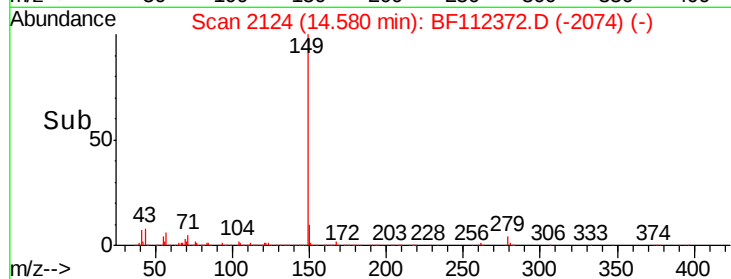
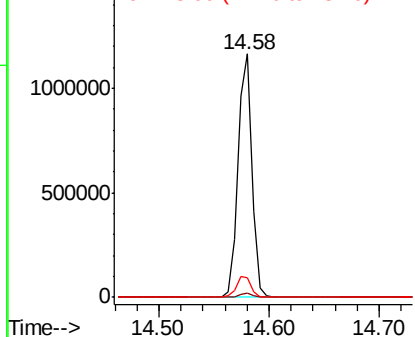
#85
Di-n-octyl phthalate
Concen: 36.812 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1028360
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.6

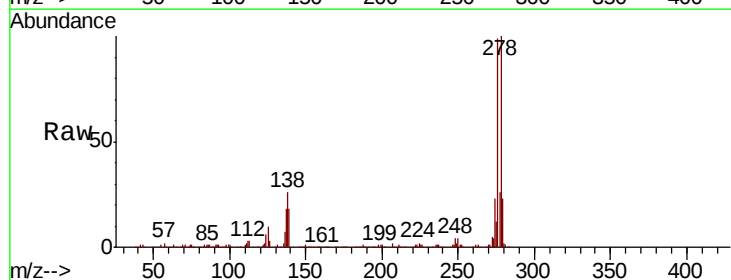


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

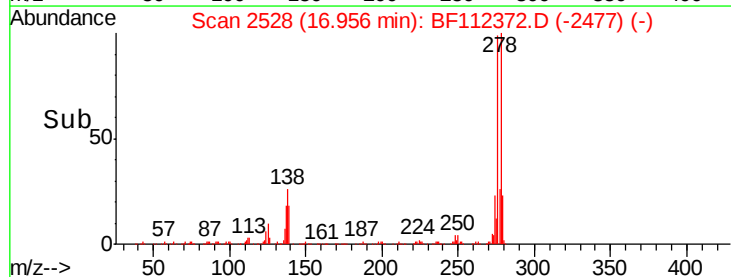
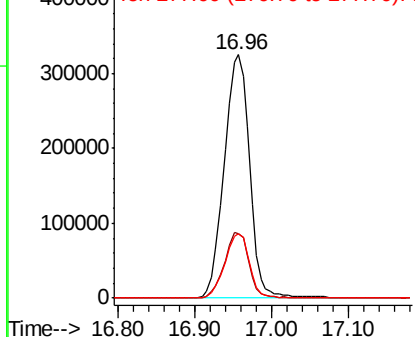


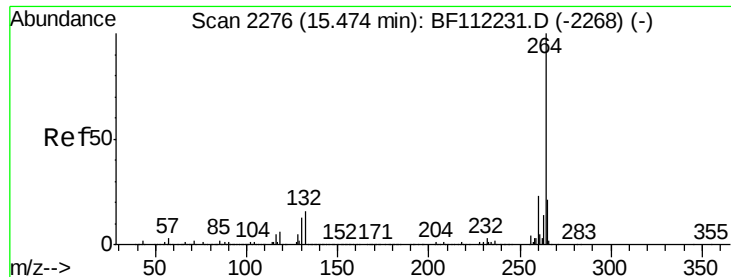
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.207 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:276 Resp: 750593
Ion Ratio Lower Upper
276 100
138 26.1 22.6 34.0
277 25.8 20.3 30.5



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: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

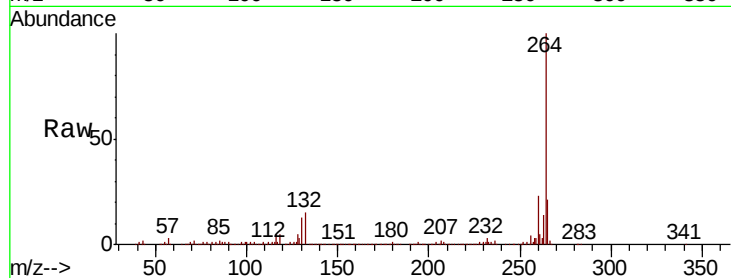
Tot Ion:264 Resp: 368696

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 20.6 17.0 25.4

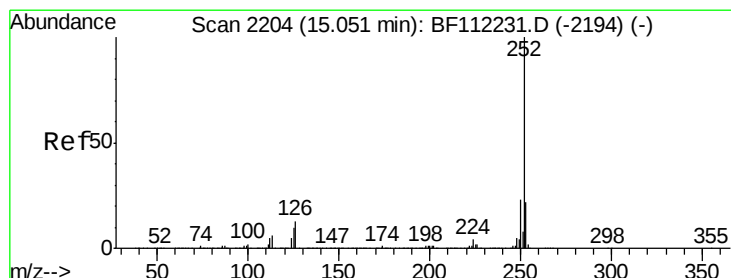
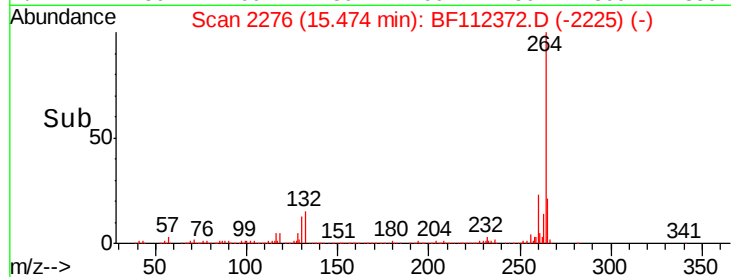
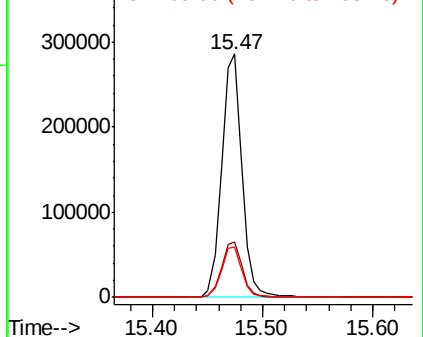


Abundance

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: 35.246 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

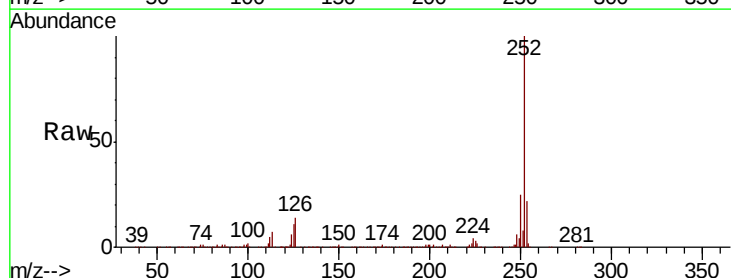
Tgt Ion:252 Resp: 777164

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 11.0 8.7 13.1

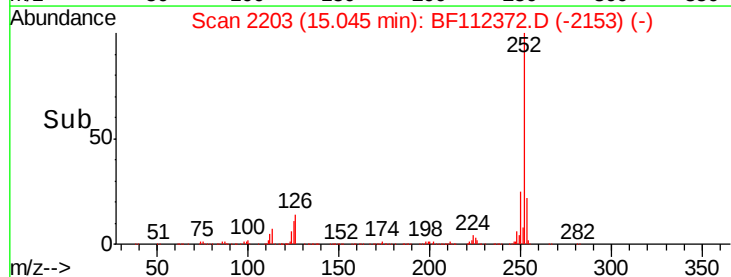
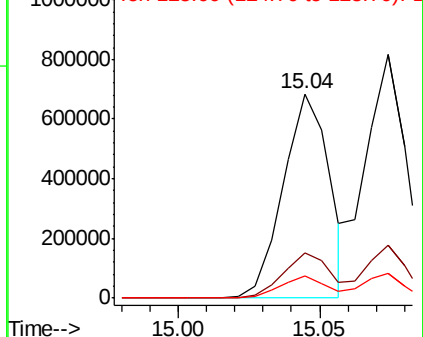


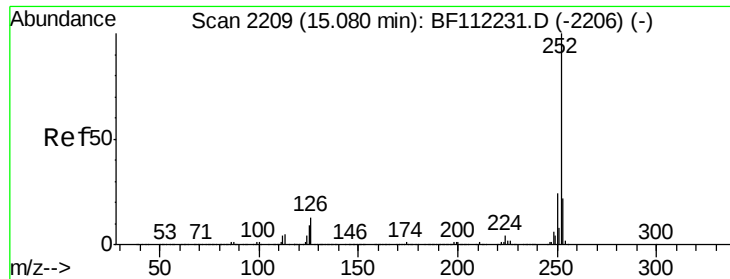
Abundance

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

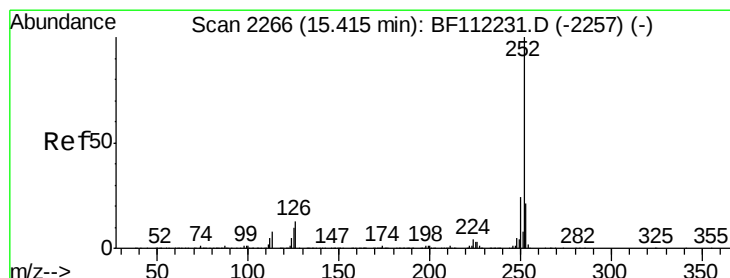
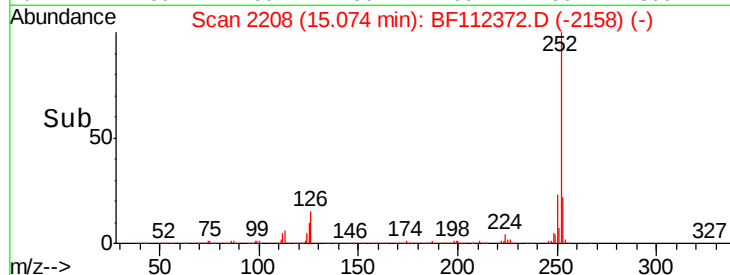
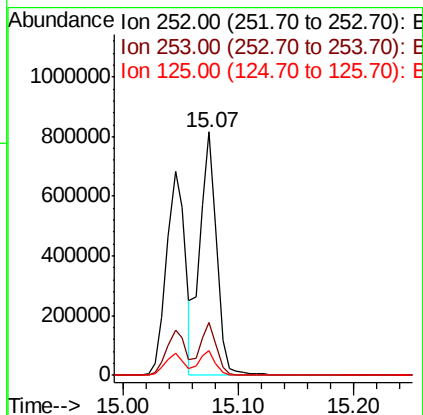
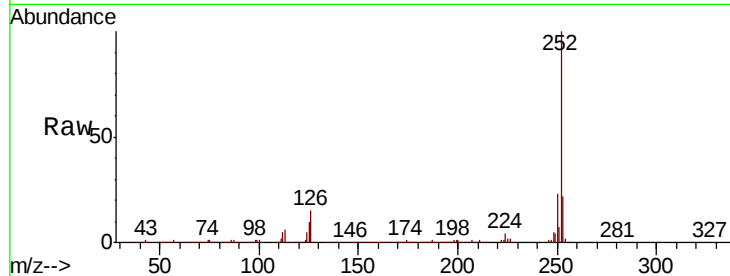




#89
Benzo(k)fluoranthene
Concen: 39.114 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

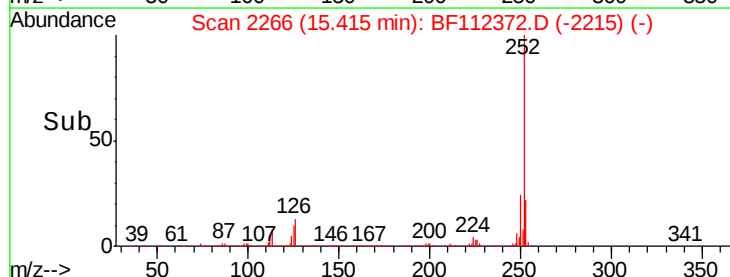
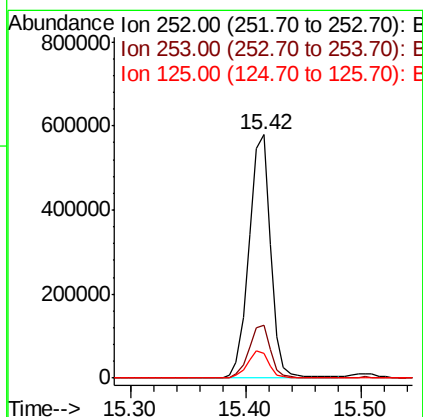
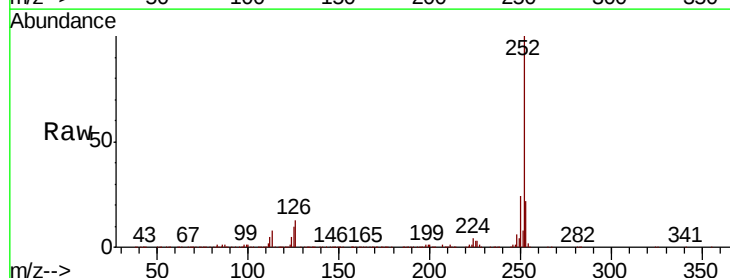
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

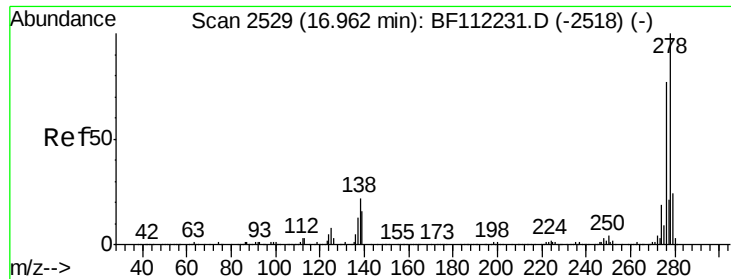
Tot Ion:252 Resp: 826115
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 10.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.192 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:252 Resp: 757744
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.2 9.0 13.4



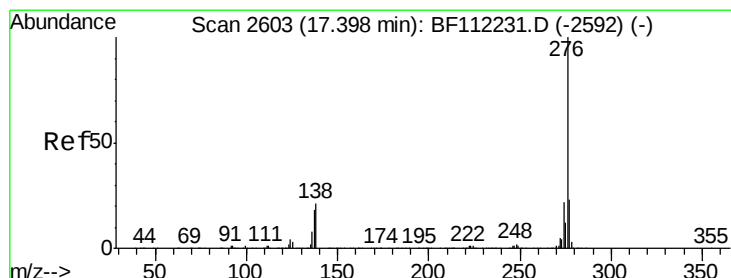
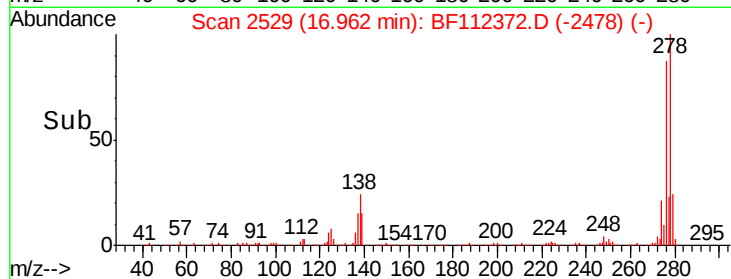
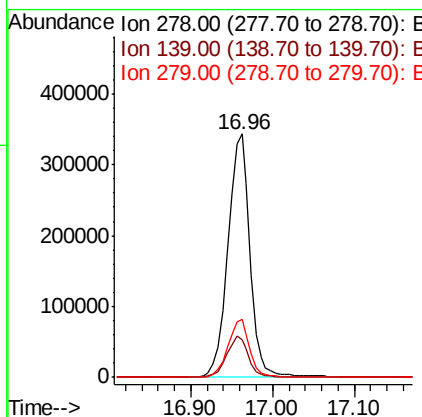
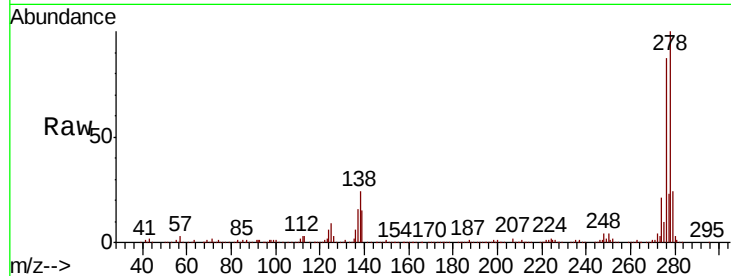


#91
Dibenzo(a,h)anthracene
Concen: 40.382 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 645711

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 38.751 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:276 Resp: 584599

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	22.6	19.1	28.7

