

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116873.D
 Acq On : 7 Sep 2019 5:48
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 07 06:22:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69978	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	284512	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	139917	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	202230	20.00	ng	0.00
76) Chrysene-d12	14.00	240	140283	20.00	ng	0.00
87) Perylene-d12	15.46	264	138916	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	379352	87.82	ng	0.00
7) Phenol-d6	6.48	99	486899	85.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	461929	92.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	87299	93.33	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	776805	93.65	ng	0.00
79) Terphenyl-d14	12.95	244	611868	80.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	78002	39.119	ng	95
3) Pyridine	3.31	79	217537	37.680	ng	92
4) n-Nitrosodimethylamine	3.25	42	72903	36.773	ng	87
6) Aniline	6.51	93	311393	39.638	ng	99
8) 2-Chlorophenol	6.63	128	204596	43.390	ng	98
9) Benzaldehyde	6.39	77	141405	37.842	ng	99
10) Phenol	6.50	94	265658	42.298	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	196169	40.113	ng	99
12) 1,3-Dichlorobenzene	6.79	146	226220	42.448	ng	96
13) 1,4-Dichlorobenzene	6.86	146	232481	43.817	ng	98
14) 1,2-Dichlorobenzene	7.02	146	216737	44.080	ng	97
15) Benzyl Alcohol	6.99	79	177162	38.479	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	198825	34.652	ng	86
17) 2-Methylphenol	7.10	107	178092	43.145	ng	97
18) Hexachloroethane	7.36	117	72967	35.397	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	149535	40.040	ng	92
20) 3+4-Methylphenols	7.26	107	215285	44.856	ng	# 64
22) Acetophenone	7.26	105	309086	45.124	ng	# 92
24) Nitrobenzene	7.43	77	231228	45.618	ng	97
25) Isophorone	7.67	82	401601	39.767	ng	97
26) 2-Nitrophenol	7.75	139	88954	47.204	ng	97
27) 2,4-Dimethylphenol	7.78	122	155474	40.851	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	255654	41.426	ng	99
29) 2,4-Dichlorophenol	7.99	162	160435	43.864	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	171512	43.234	ng	98
31) Naphthalene	8.15	128	583226	43.110	ng	99
32) Benzoic acid	7.89	122	73094	34.014	ng	95
33) 4-Chloroaniline	8.20	127	259353	42.114	ng	98
34) Hexachlorobutadiene	8.27	225	98130	45.366	ng	98
35) Caprolactam	8.56	113	52794	38.570	ng	92
36) 4-Chloro-3-methylphenol	8.68	107	185391	44.102	ng	99
37) 2-Methylnaphthalene	8.85	142	394541	43.831	ng	97
38) 1-Methylnaphthalene	8.94	142	362485	42.659	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	157796	47.046	ng	99

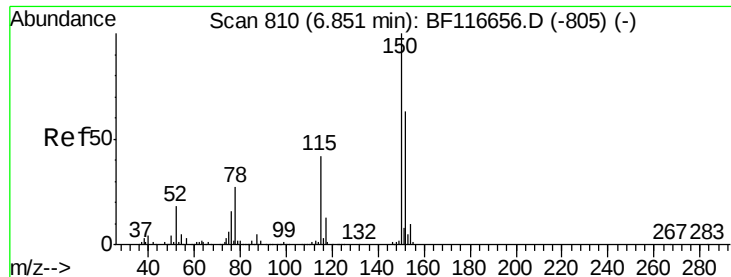
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	9748	5.033	ng	95
43) 2,4,6-Trichlorophenol	9.12	196	103390	44.968	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	109176	45.738	ng	94
46) 1,1'-Biphenyl	9.30	154	479612	45.174	ng	97
47) 2-Chloronaphthalene	9.33	162	369840	43.981	ng	100
48) 2-Nitroaniline	9.42	65	125610	51.668	ng	94
49) Acenaphthylene	9.75	152	551693	43.401	ng	99
50) Dimethylphthalate	9.60	163	434015	44.930	ng	98
51) 2,6-Dinitrotoluene	9.66	165	87671	47.569	ng	97
52) Acenaphthene	9.92	154	326467	41.799	ng	100
53) 3-Nitroaniline	9.83	138	112424	48.675	ng	90
54) 2,4-Dinitrophenol	9.95	184	2476	12.399	ng	# 79
55) Dibenzofuran	10.09	168	479671	43.565	ng	96
56) 4-Nitrophenol	10.00	139	63029	39.799	ng	84
57) 2,4-Dinitrotoluene	10.07	165	113521	50.374	ng	97
58) Fluorene	10.43	166	372595	44.412	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	75624	43.898	ng	97
60) Diethylphthalate	10.30	149	426463	44.073	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	170478	46.405	ng	97
62) 4-Nitroaniline	10.45	138	114218	50.957	ng	96
63) Azobenzene	10.58	77	419332	41.561	ng	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	6401	14.711	ng	97
66) n-Nitrosodiphenylamine	10.54	169	330017	47.173	ng	96
67) 4-Bromophenyl-phenylether	10.91	248	97423	47.422	ng	99
68) Hexachlorobenzene	10.99	284	100164	46.600	ng	96
69) Atrazine	11.06	200	88305	45.069	ng	98
70) Pentachlorophenol	11.18	266	38997	37.505	ng	94
71) Phenanthrene	11.39	178	489007	43.439	ng	100
72) Anthracene	11.45	178	494239	43.614	ng	99
73) Carbazole	11.60	167	455305	42.179	ng	100
74) Di-n-butylphthalate	11.92	149	641541	46.360	ng	99
75) Fluoranthene	12.58	202	451751	40.833	ng	99
77) Benzidine	12.70	184	211490	38.437	ng	98
78) Pyrene	12.81	202	456341	36.594	ng	99
80) Butylbenzylphthalate	13.42	149	238673	39.357	ng	99
81) Benzo(a)anthracene	13.99	228	396267	44.632	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	138197	46.059	ng	97
83) Chrysene	14.03	228	386529	42.257	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	331584	44.295	ng	99
85) Di-n-octyl phthalate	14.59	149	553763	45.204	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.92	276	281069	38.256	ng	98
88) Benzo(b)fluoranthene	15.04	252	354354	42.192	ng	99
89) Benzo(k)fluoranthene	15.07	252	341546	44.602	ng	99
90) Benzo(a)pyrene	15.40	252	310607	42.509	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	237236	37.092	ng	98
92) Benzo(g,h,i)perylene	17.36	276	208884	32.023	ng	98

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

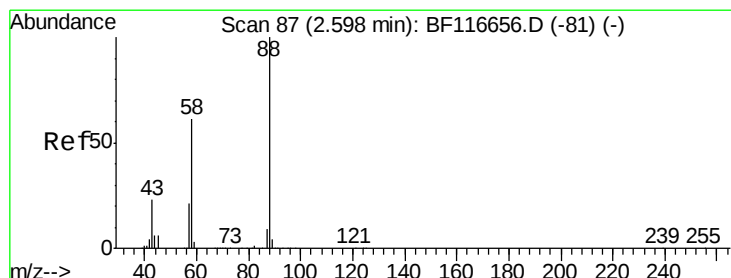
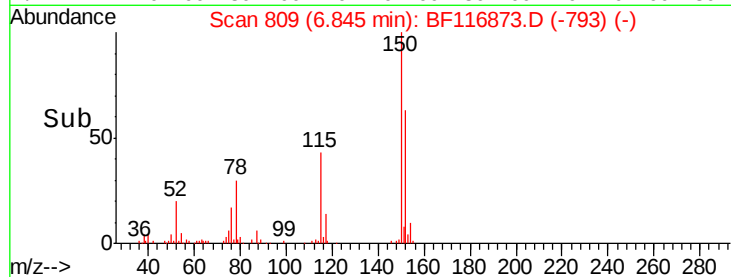
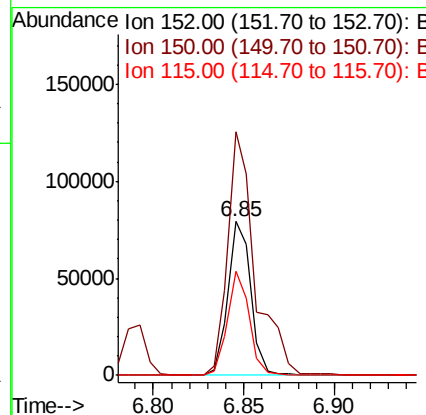
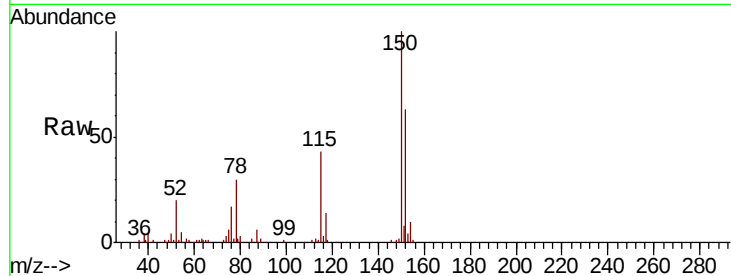


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

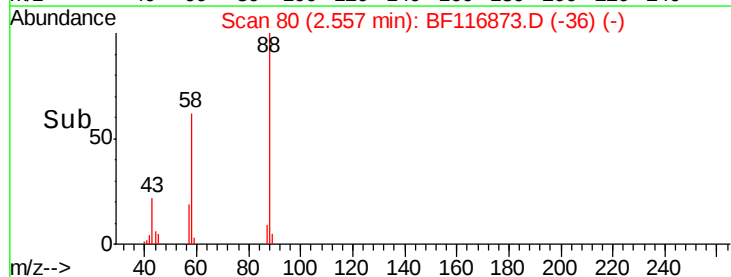
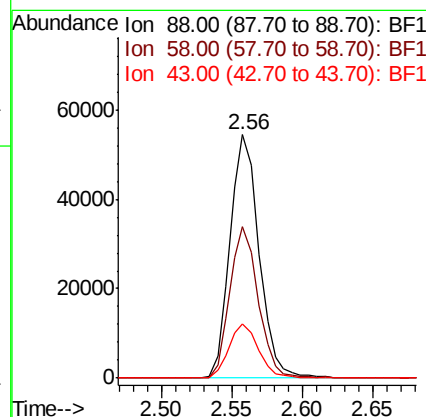
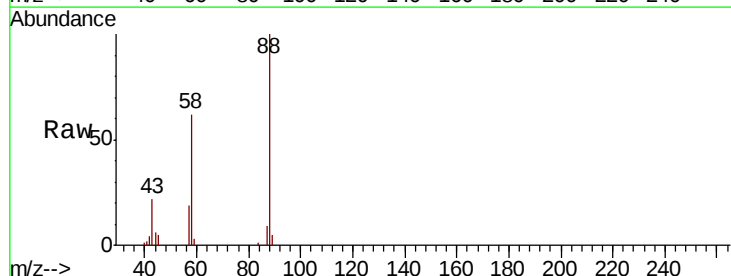
Tot Ion:152 Resp: 69978
Ion Ratio Lower Upper
152 100
150 158.7 124.4 186.6
115 68.2 49.9 74.9



#2

1,4-Dioxane
Concen: 39.119 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.04 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion: 88 Resp: 78002
Ion Ratio Lower Upper
88 100
58 60.9 51.7 77.5
43 22.5 19.8 29.8





#3

Pvridine

Concen: 37.680 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.04 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

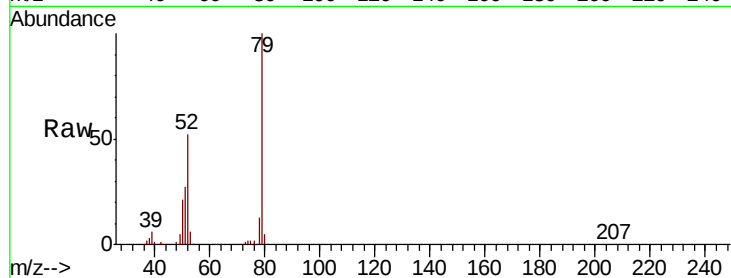
Tot Ion: 79 Resp: 217537

Ion Ratio Lower Upper

79 100

52 51.6 47.4 71.0

51 27.5 24.1 36.1



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

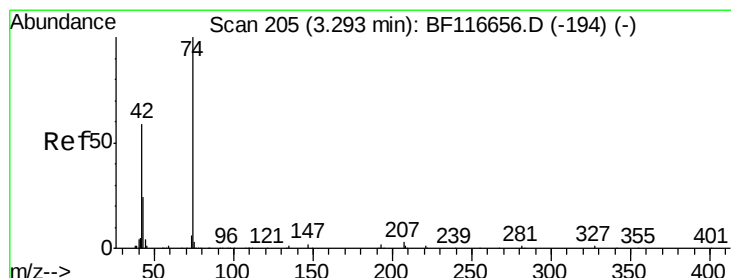
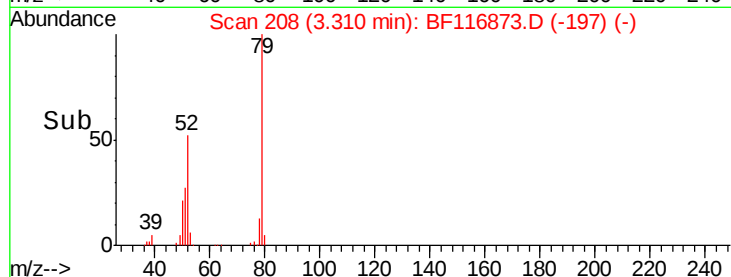
3.31

100000

50000

0

Time--> 3.20 3.30 3.40 3.50



#4

n-Nitrosodimethylamine

Concen: 36.773 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.04 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

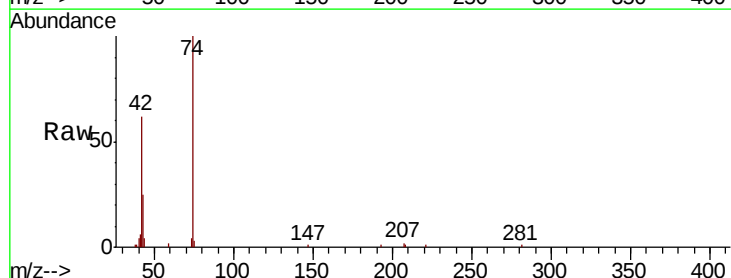
Tgt Ion: 42 Resp: 72903

Ion Ratio Lower Upper

42 100

74 160.9 115.6 173.4

44 6.4 4.6 7.0



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

80000

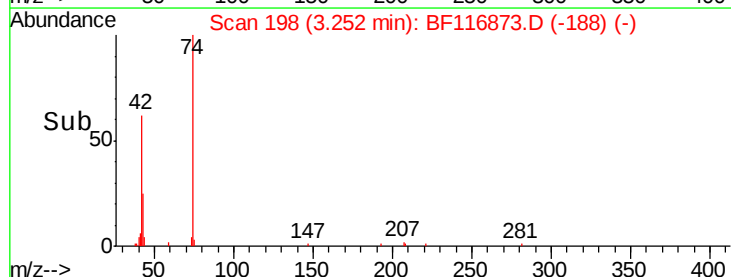
60000

40000

20000

0

Time--> 3.15 3.20 3.25 3.30 3.35





#5

2-Fluorophenol

Concen: 87.824 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

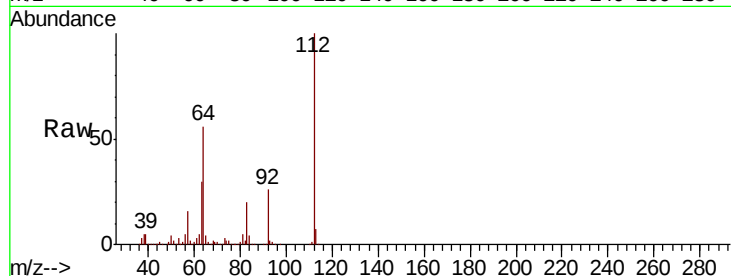
Tot Ion: 112 Resp: 379352

Ion Ratio Lower Upper

112 100

64 56.0 47.1 70.7

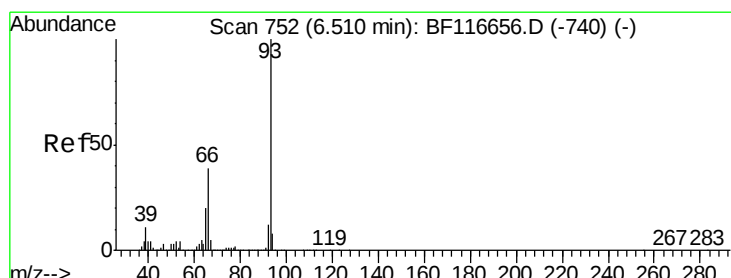
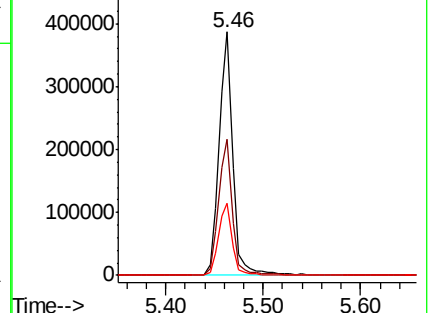
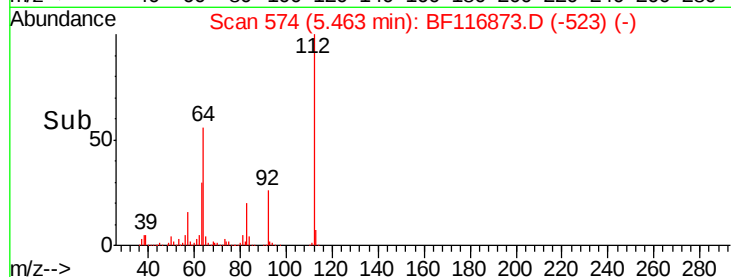
63 29.7 24.9 37.3



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: 39.638 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

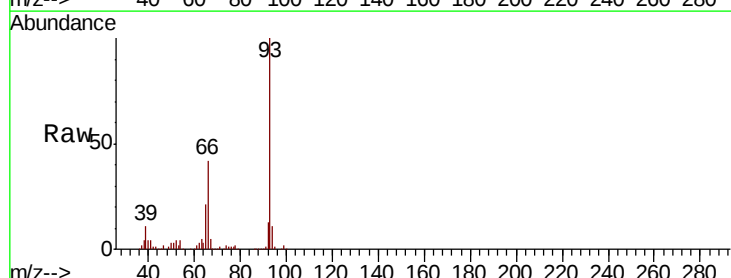
Tgt Ion: 93 Resp: 311393

Ion Ratio Lower Upper

93 100

66 41.9 32.7 49.1

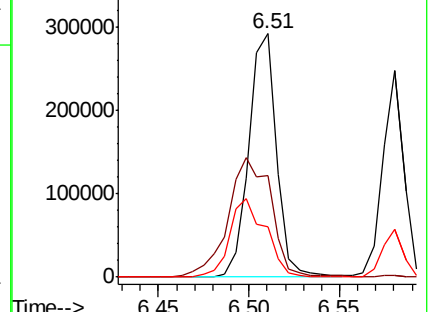
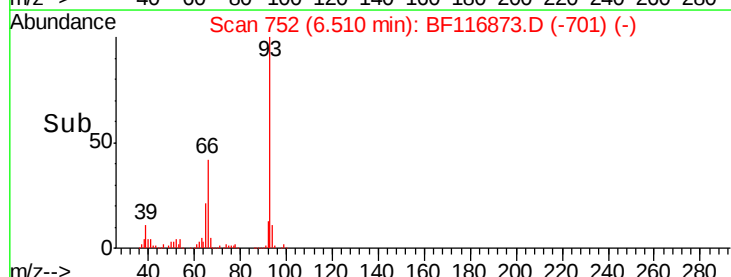
65 20.7 16.3 24.5



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: 85.843 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

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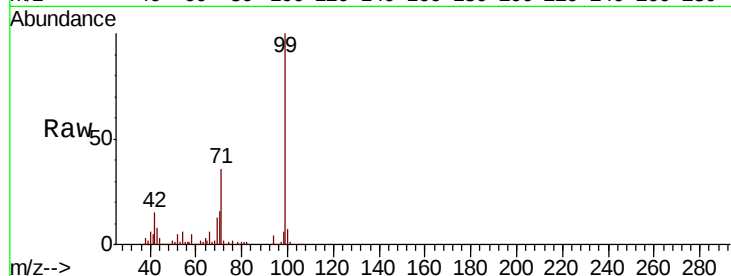
Tot Ion: 99 Resp: 486899

Ion Ratio Lower Upper

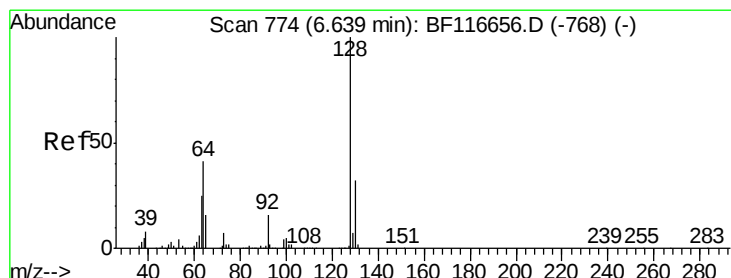
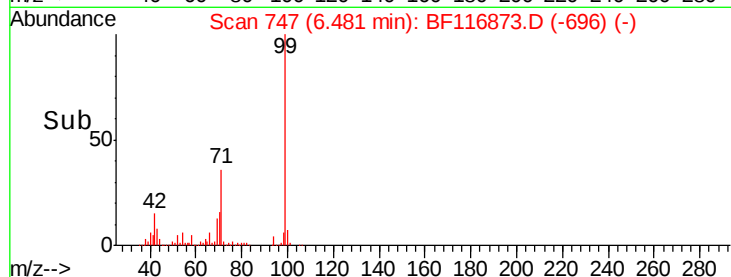
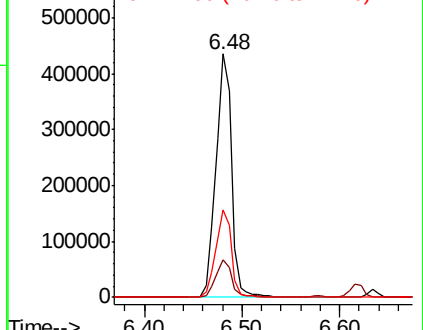
99 100

42 15.4 13.7 20.5

71 36.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.390 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

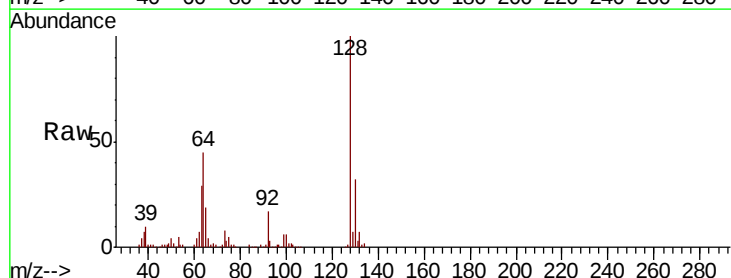
Tgt Ion: 128 Resp: 204596

Ion Ratio Lower Upper

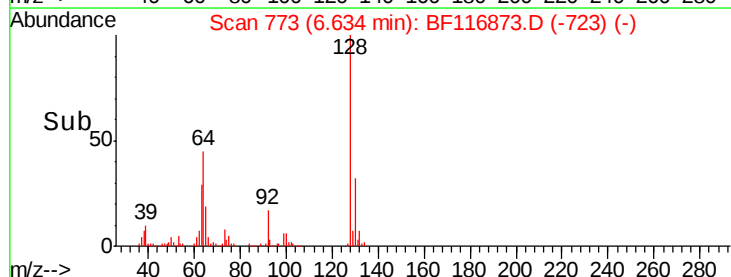
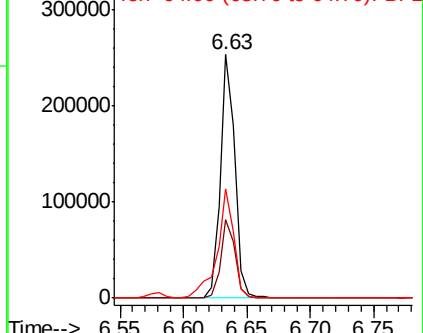
128 100

130 32.1 12.3 52.3

64 45.0 22.5 62.5



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: 37.842 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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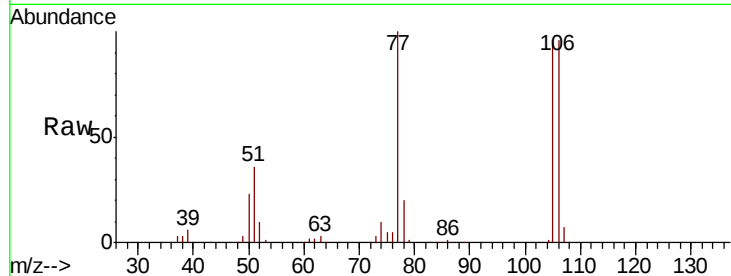
Tot Ion: 77 Resp: 141405

Ion Ratio Lower Upper

77 100

105 96.2 76.7 116.7

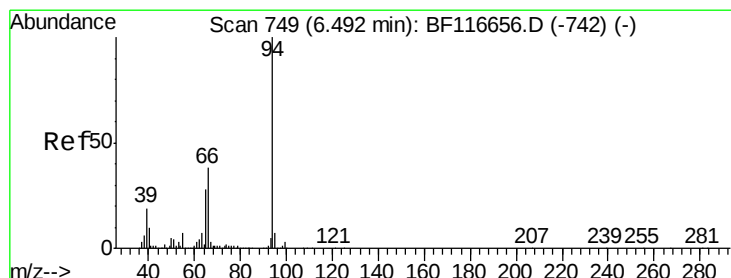
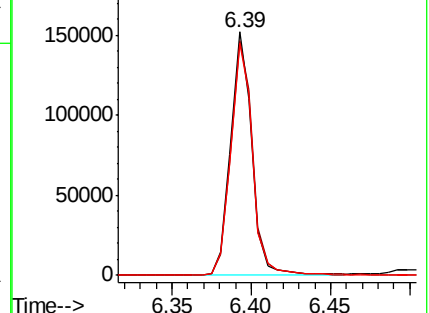
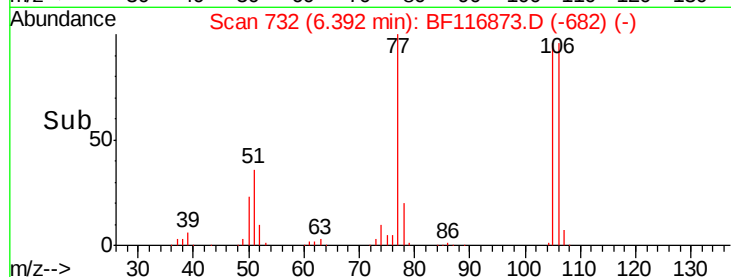
106 95.5 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.298 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

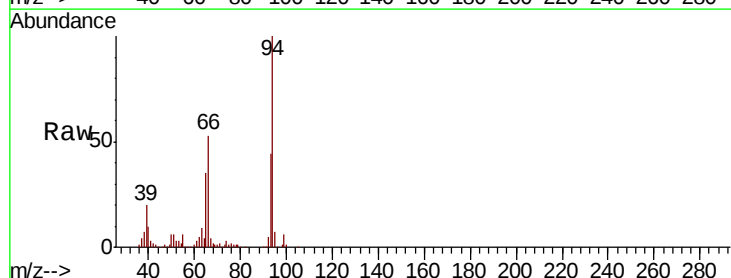
Tgt Ion: 94 Resp: 265658

Ion Ratio Lower Upper

94 100

65 34.6 10.8 50.8

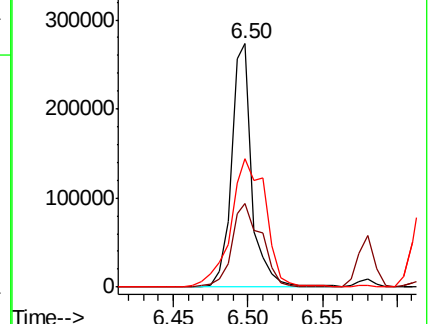
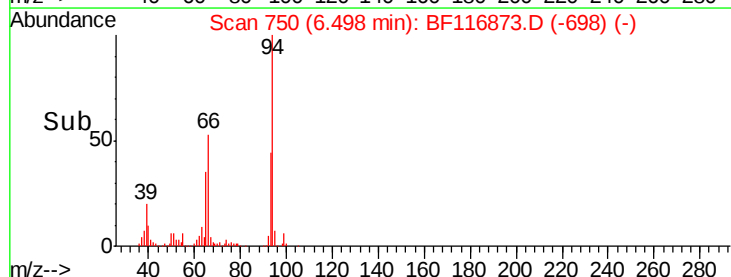
66 52.7 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.113 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

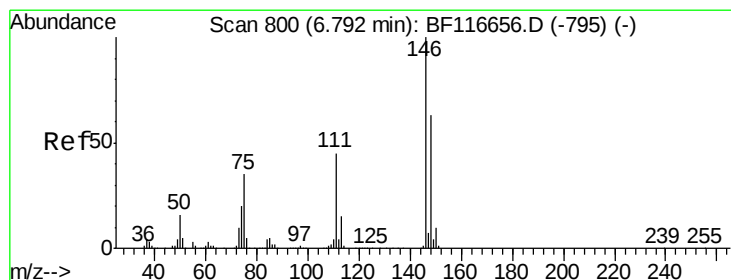
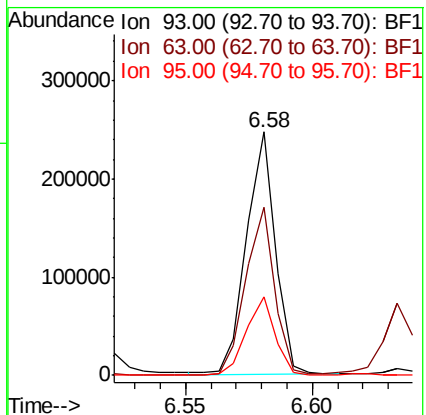
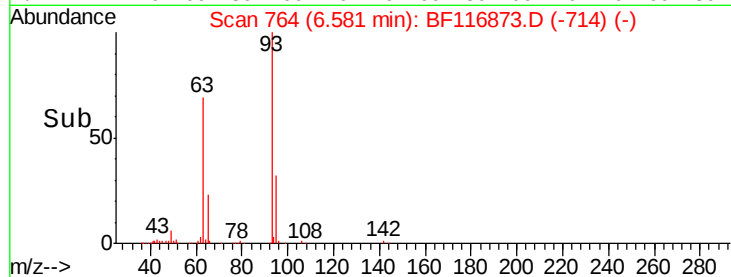
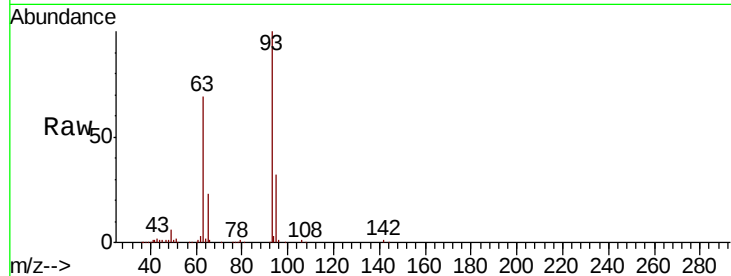
Tot Ion: 93 Resp: 196169

Ion Ratio Lower Upper

93 100

63 68.9 49.9 89.9

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 42.448 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

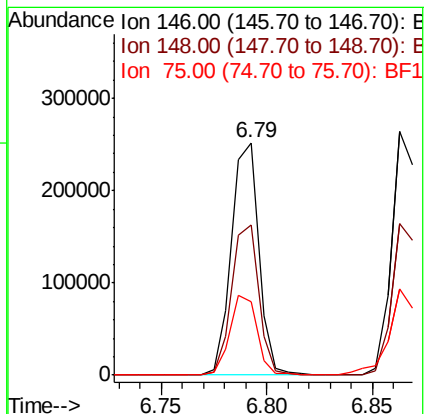
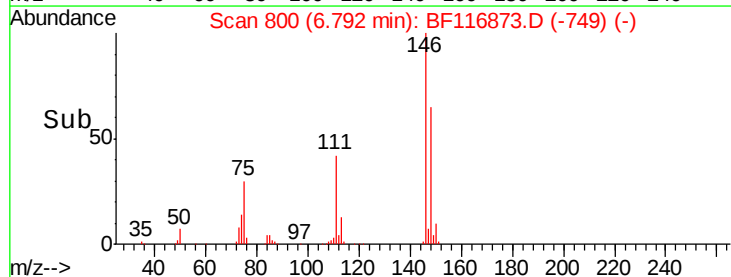
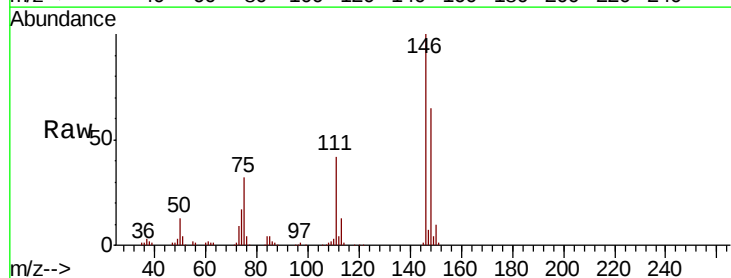
Tgt Ion: 146 Resp: 226220

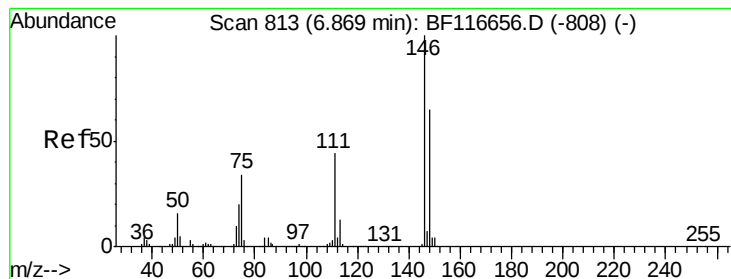
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

75 31.6 29.6 44.4





#13

1,4-Dichlorobenzene

Concen: 43.817 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

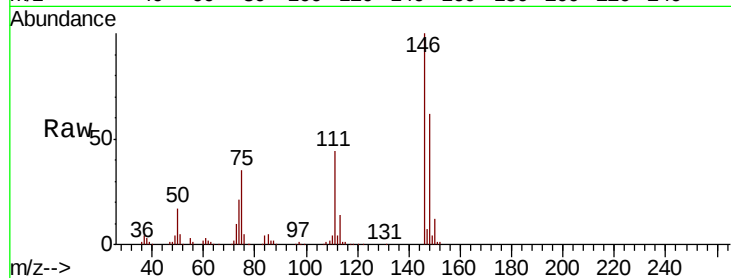
Tot Ion:146 Resp: 232481

Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.2

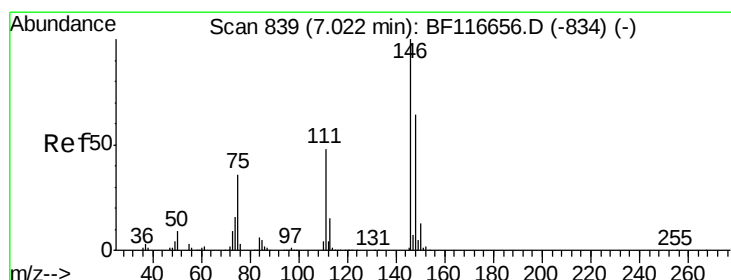
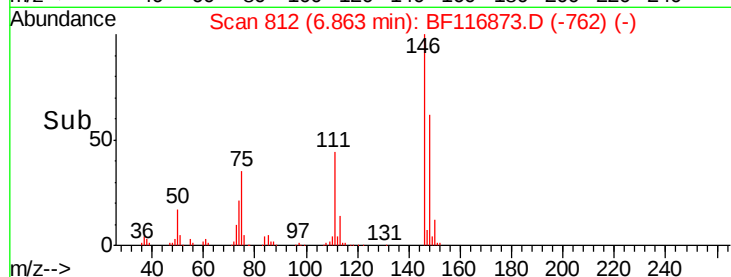
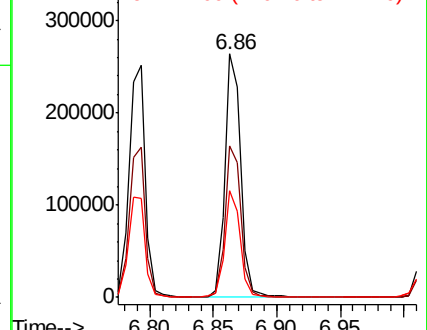
111 43.7 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.080 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

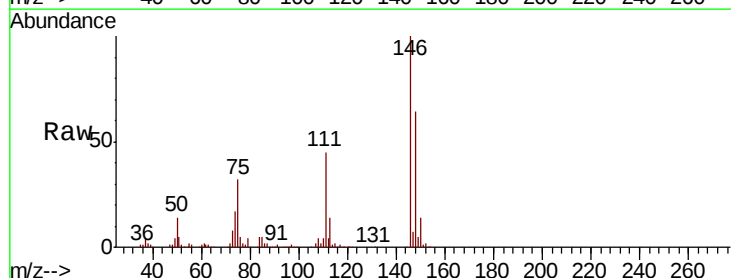
Tgt Ion:146 Resp: 216737

Ion Ratio Lower Upper

146 100

148 63.6 52.6 78.8

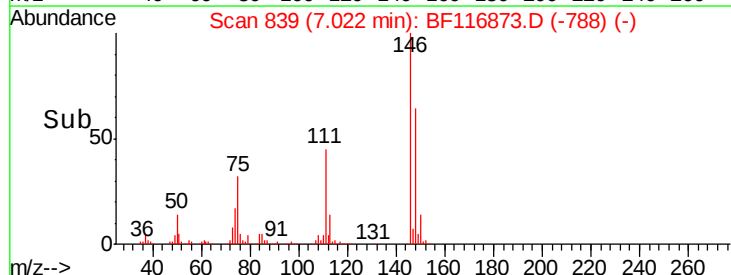
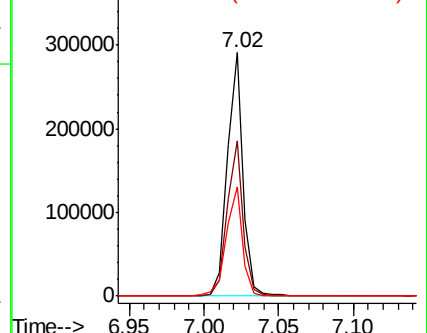
111 45.1 34.2 51.4

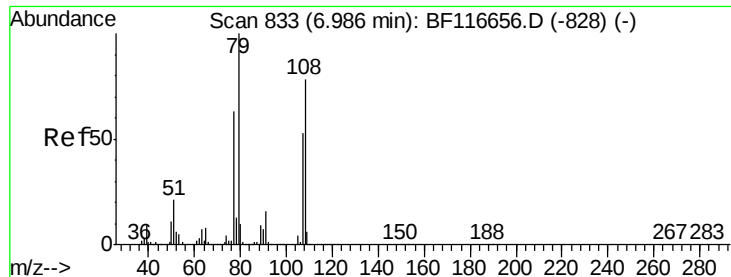


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.479 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

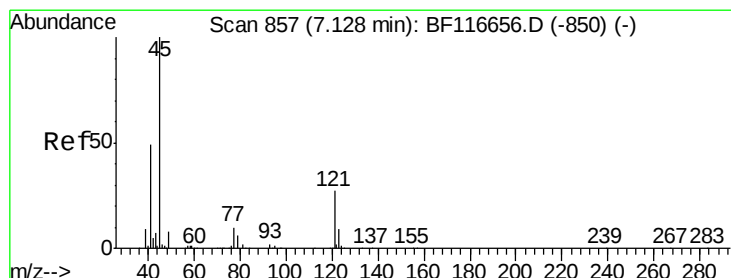
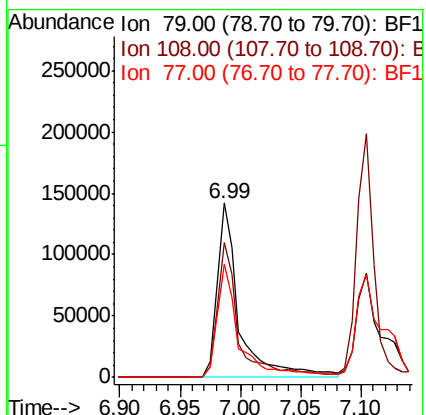
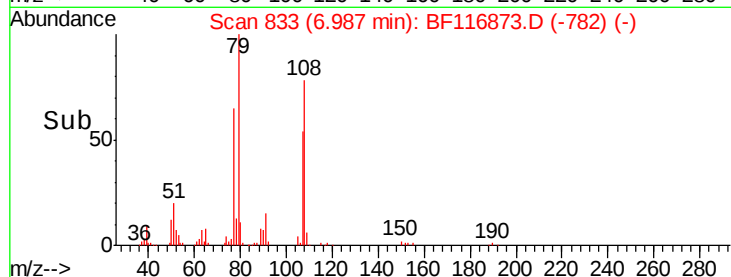
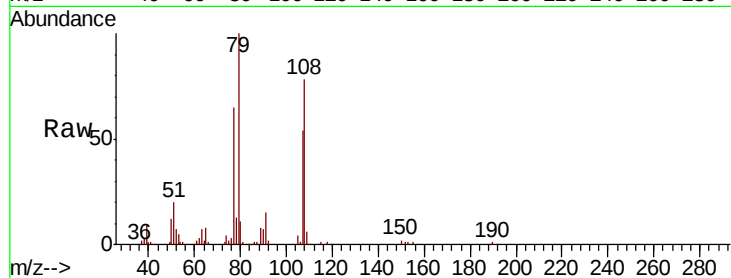
Tot Ion: 79 Resp: 177162

Ion Ratio Lower Upper

79 100

108 77.7 59.2 88.8

77 64.8 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.652 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

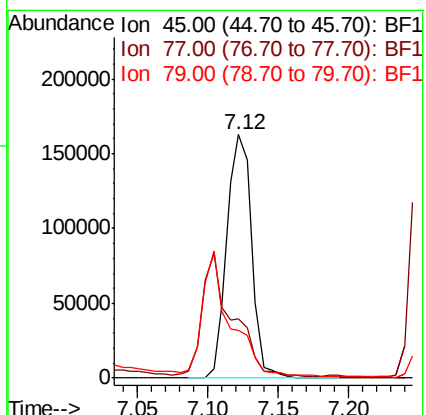
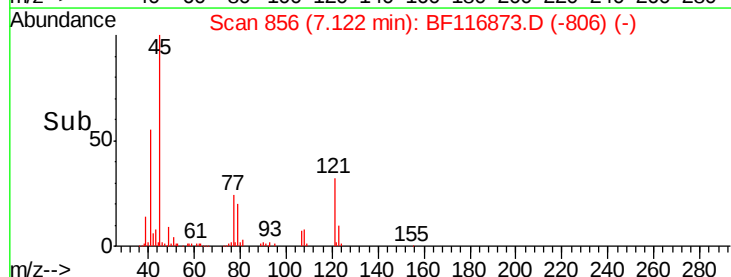
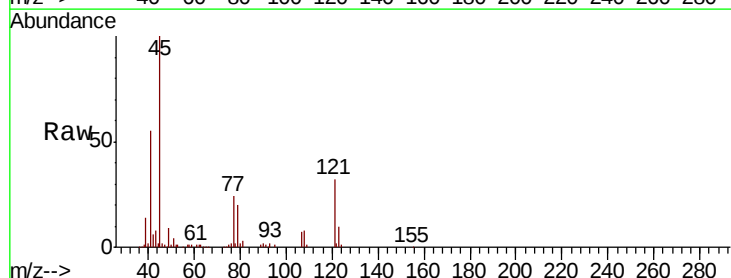
Tgt Ion: 45 Resp: 198825

Ion Ratio Lower Upper

45 100

77 24.1 0.0 38.2

79 19.5 0.0 33.9

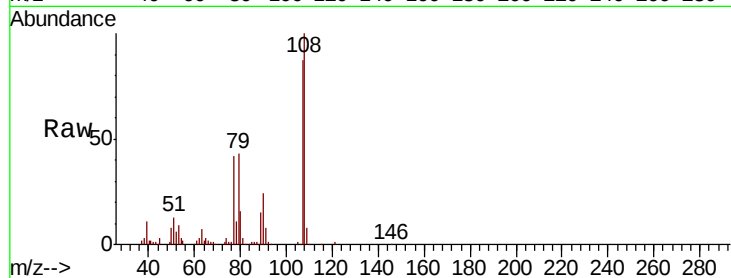




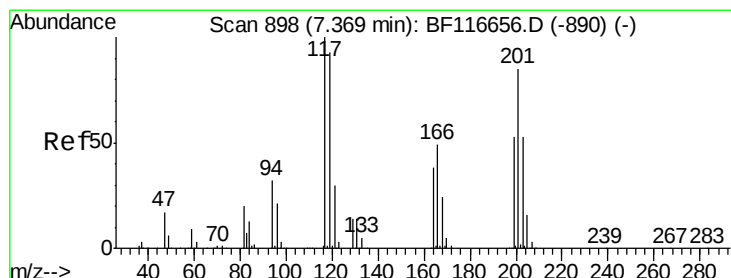
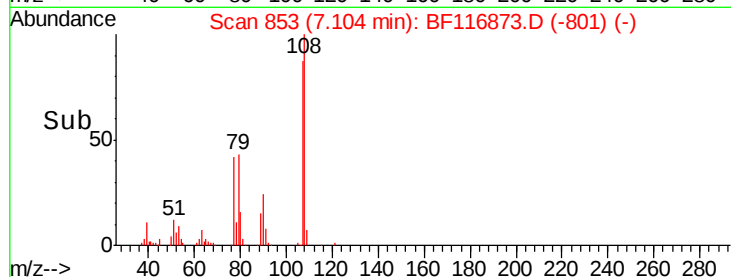
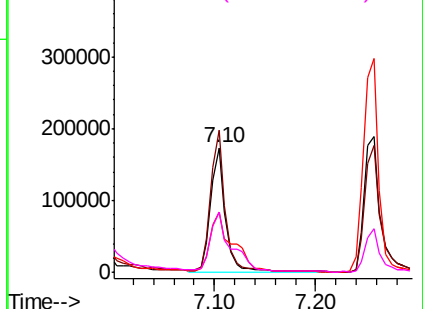
#17
2-Methylphenol
Concen: 43.145 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	178092
Ion	Ratio	Lower	Upper
107	100		
108	114.5	88.3	132.5
77	48.2	39.9	59.9
79	48.9	39.8	59.8

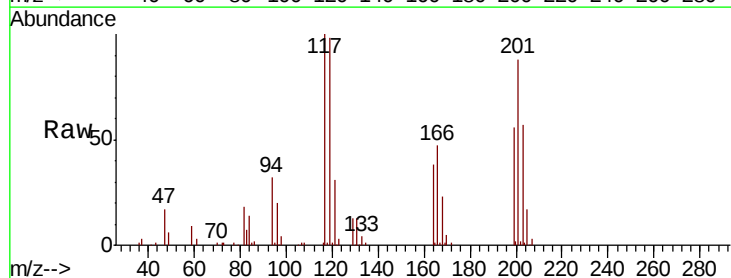


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

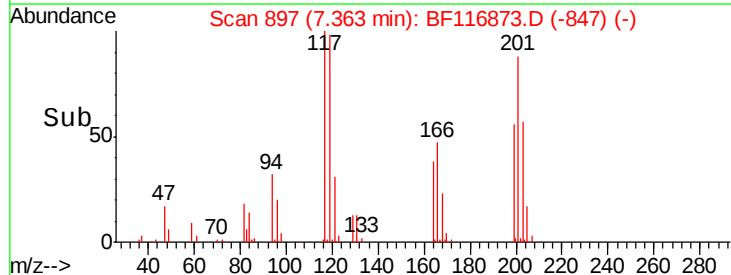
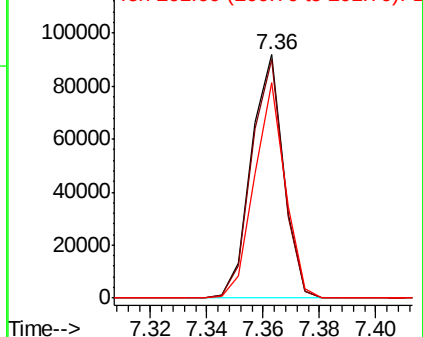


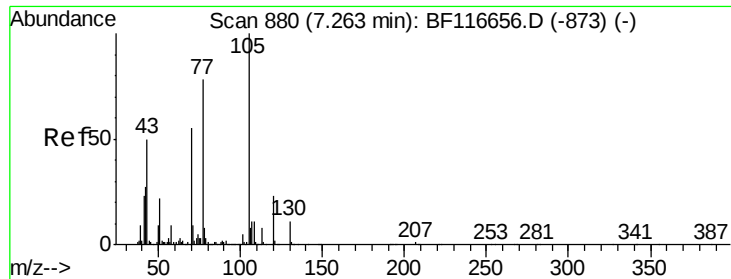
#18
Hexachloroethane
Concen: 35.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:	117	Resp:	72967
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.9	115.3
201	88.4	79.4	119.0



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

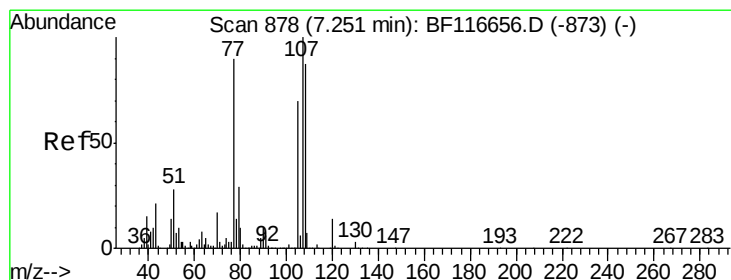
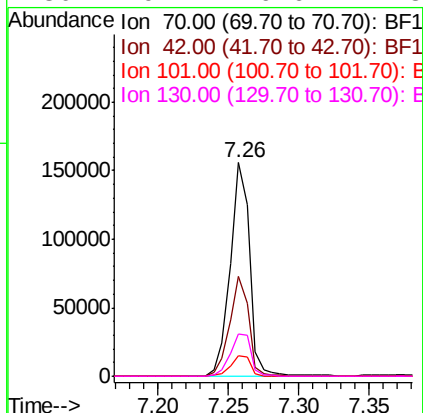
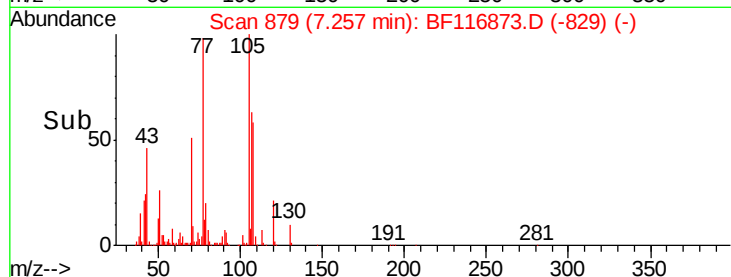
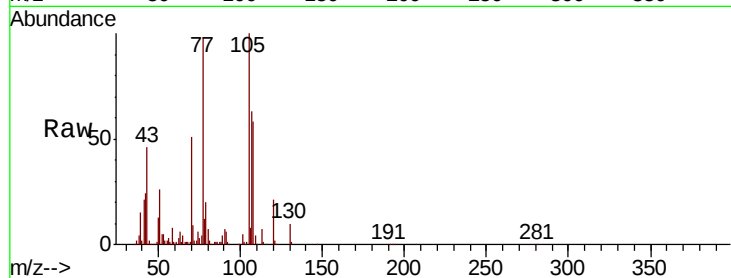




#19
n-Nitroso-di-n-propylamine
Concen: 40.040 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

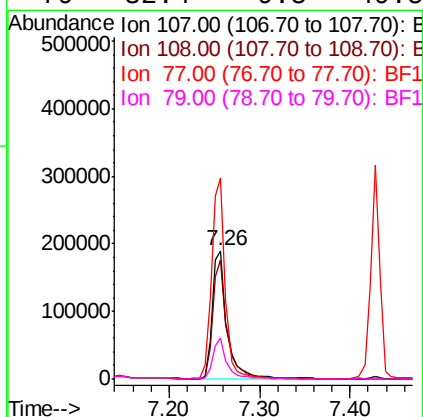
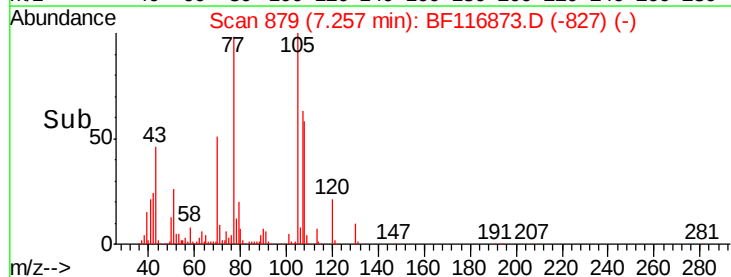
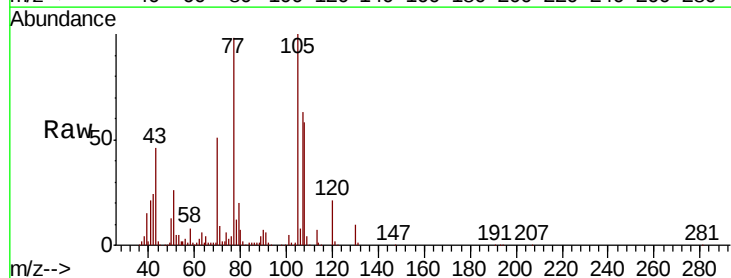
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

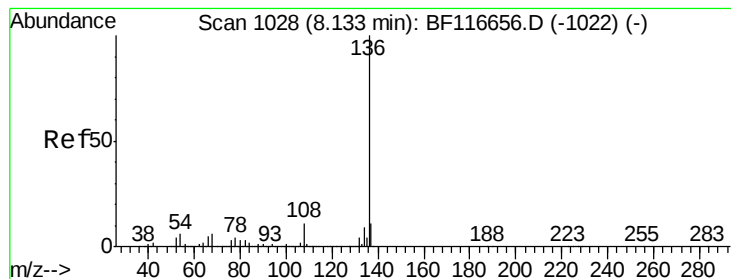
Tot Ion:	70	Resp:	149535
Ion	Ratio	Lower	Upper
70	100		
42	46.5	43.5	65.3
101	9.4	7.8	11.6
130	19.7	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.856 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:	107	Resp:	215285
Ion	Ratio	Lower	Upper
107	100		
108	92.9	65.5	105.5
77	156.8	69.4	109.4#
79	32.4	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 284512

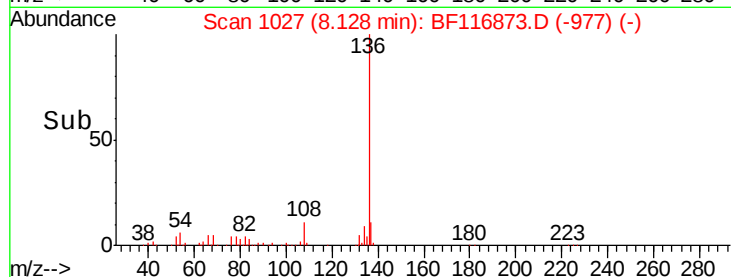
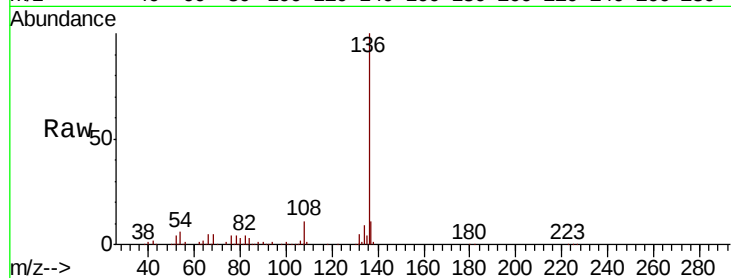
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.6 4.8 7.2

68 5.2 4.0 6.0

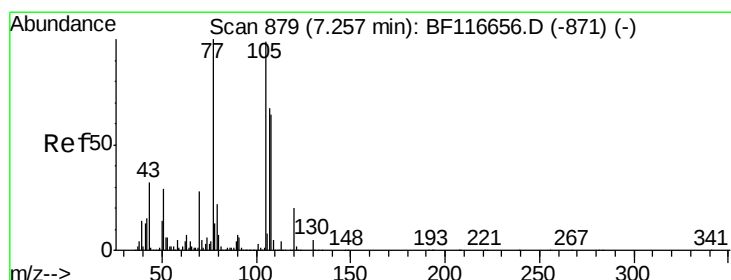
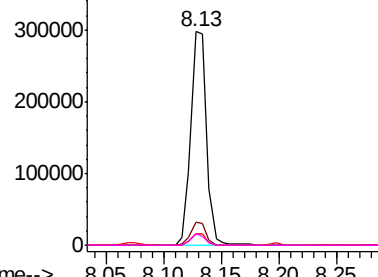


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.124 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Tgt Ion:105 Resp: 309086

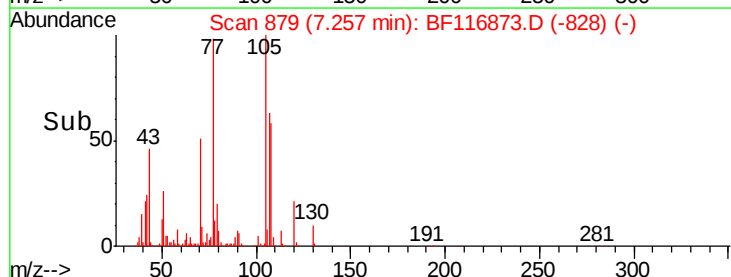
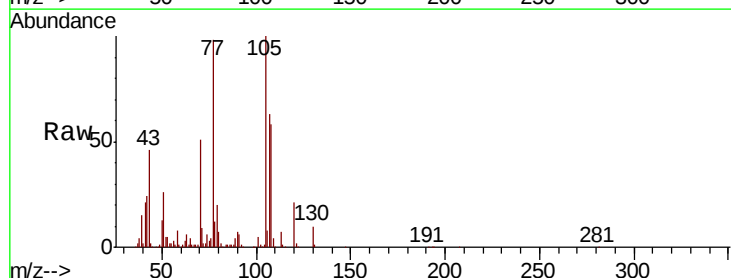
Ion Ratio Lower Upper

105 100

71 8.5 4.2 6.4#

51 26.1 25.8 38.8

120 21.3 16.4 24.6

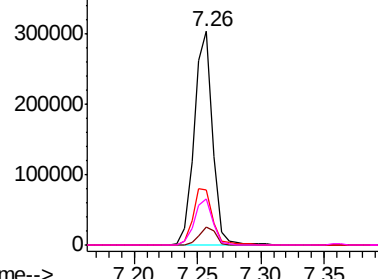


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

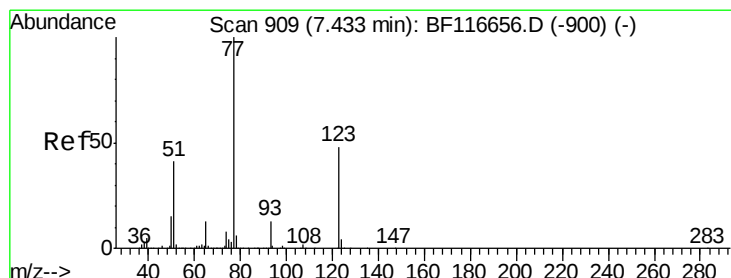
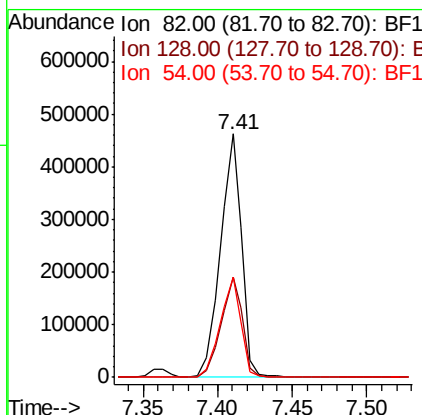
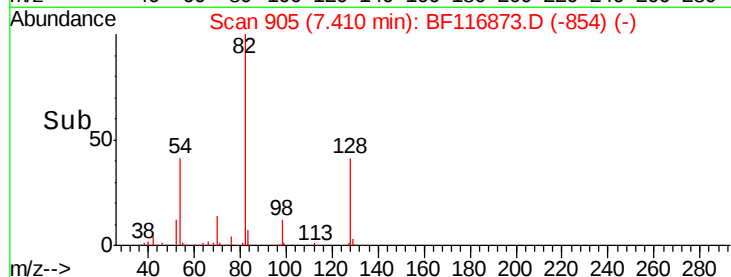
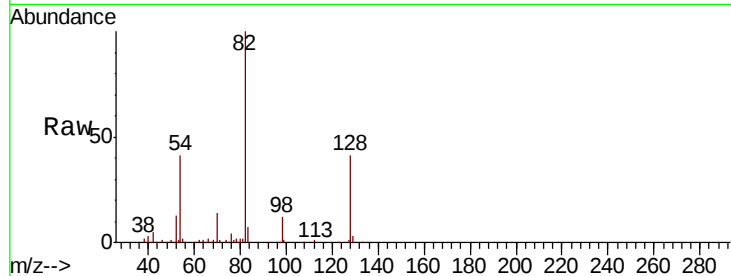




#23
 Nitrobenzene-d5
 Concen: 92.686 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

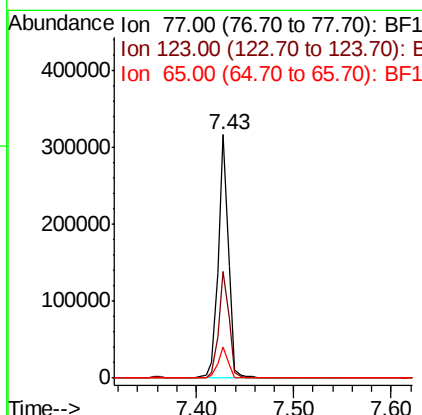
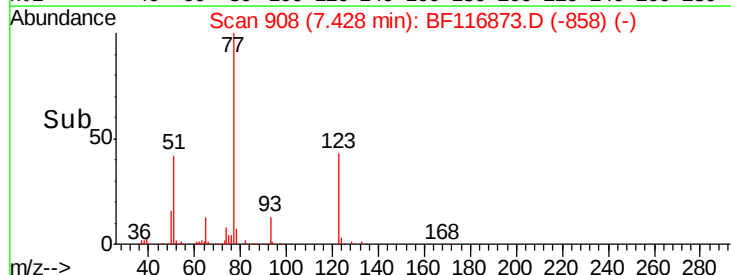
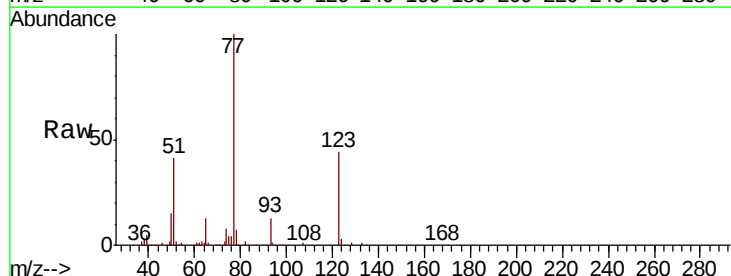
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	461929
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.8	49.2
54	41.3	36.9	55.3



#24
 Nitrobenzene
 Concen: 45.618 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	77	Resp	231228
Ion Ratio	Lower	Upper	
77	100		
123	43.6	33.1	49.7
65	13.0	10.6	15.8





#25

Isophorone

Concen: 39.767 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

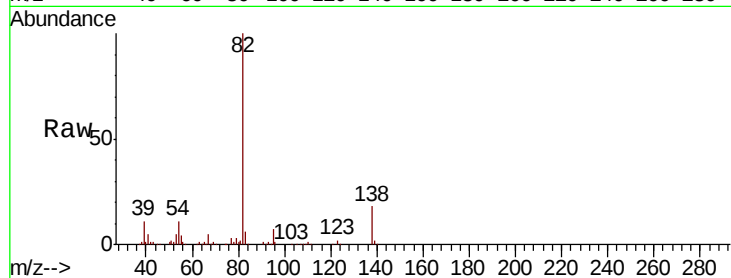
Tot Ion: 82 Resp: 401601

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

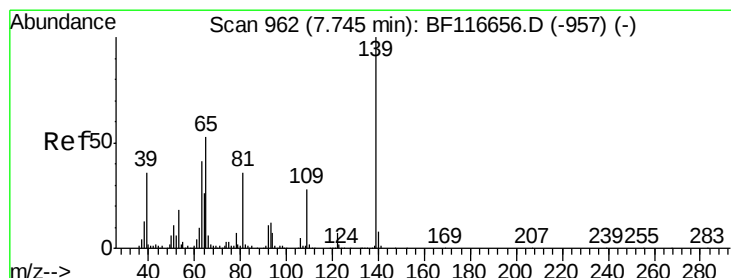
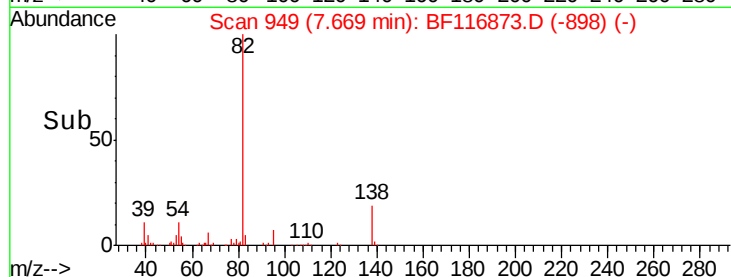
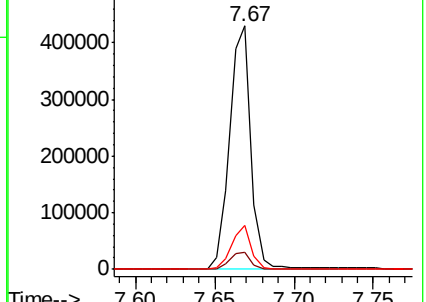
138 18.3 13.5 20.3



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: 47.204 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

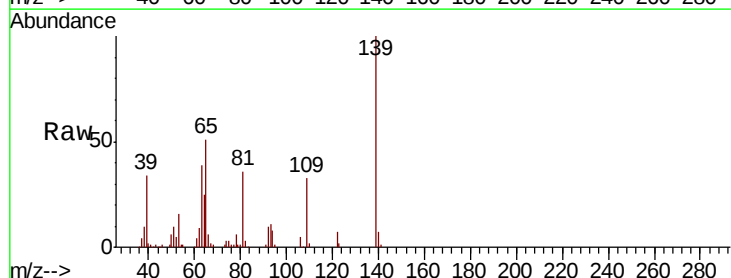
Tgt Ion: 139 Resp: 88954

Ion Ratio Lower Upper

139 100

109 33.1 27.1 40.7

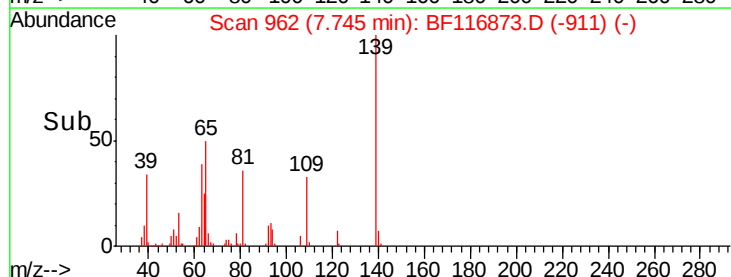
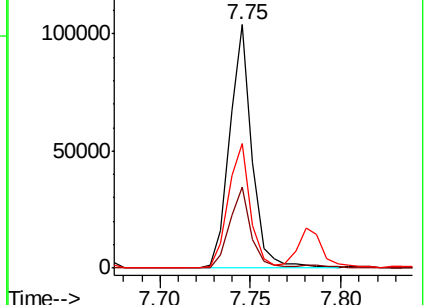
65 51.0 43.0 64.6



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

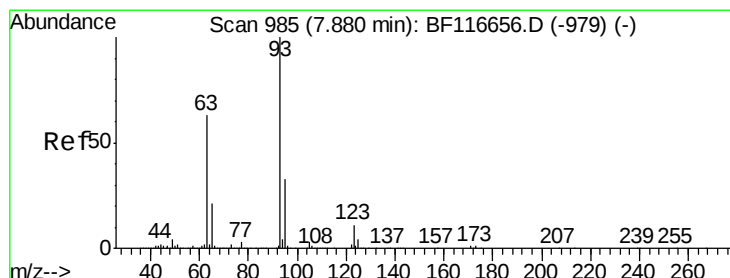
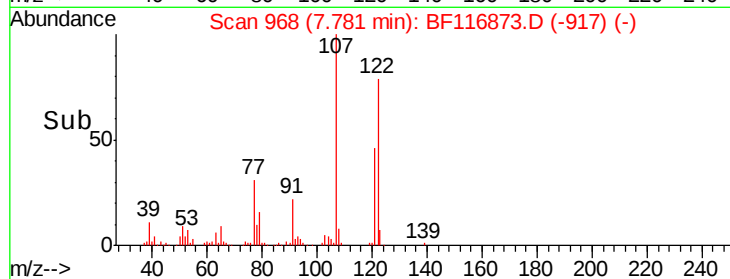
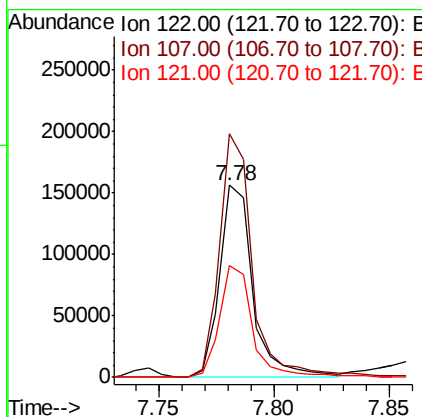
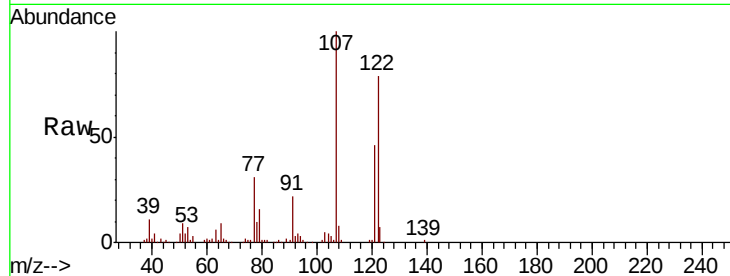




#27
 2,4-Dimethylphenol
 Concen: 40.851 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

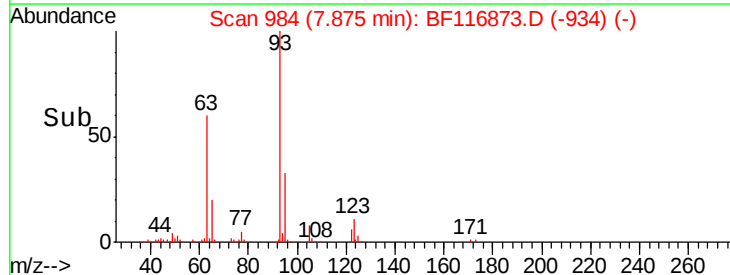
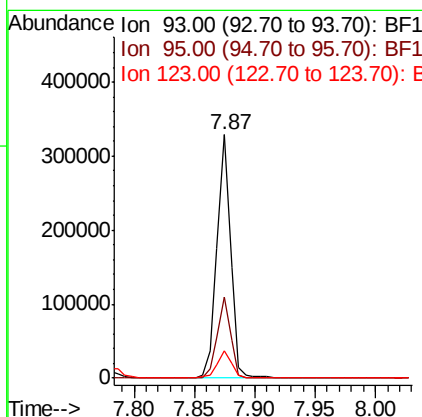
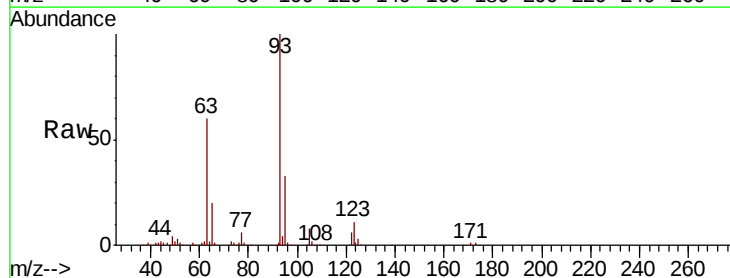
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.6	98.1	147.1
121	57.9	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.426 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	11.1	9.8	14.8

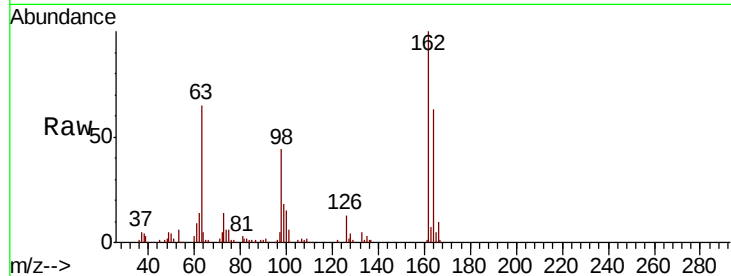




#29
 2,4-Dichlorophenol
 Concen: 43.864 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.4	83.4
98	43.9	18.1	58.1

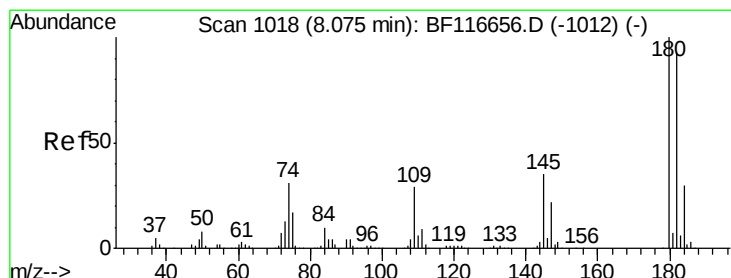
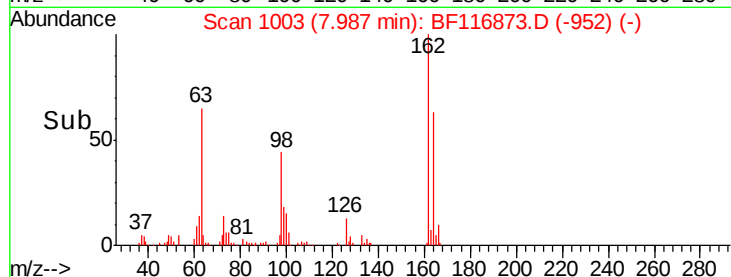
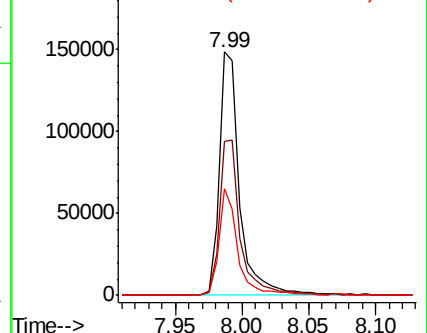


Abundance

Ion 162.00 (161.70 to 162.70): E

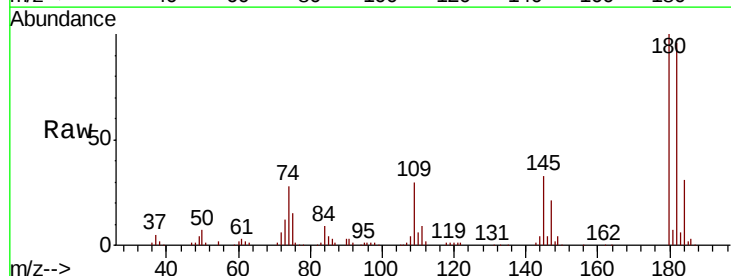
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.234 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.6	118.0
145	33.4	25.7	38.5

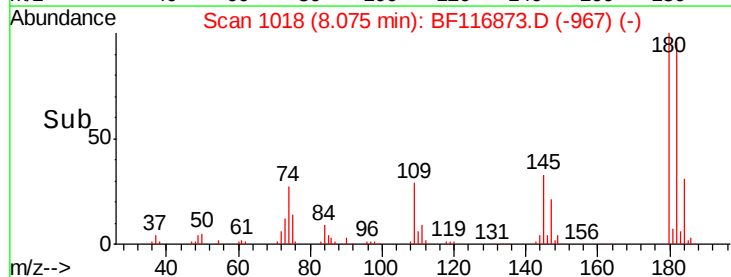
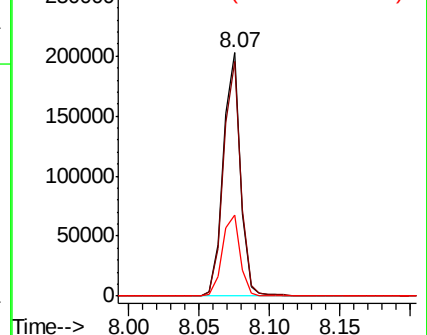


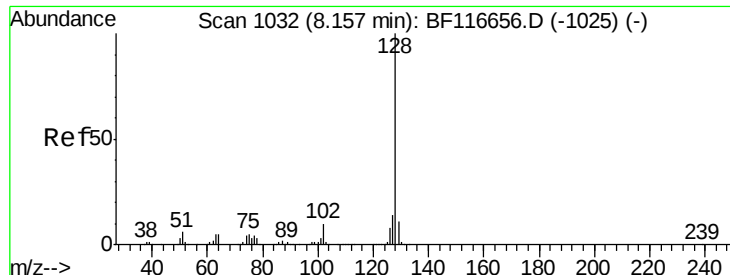
Abundance

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

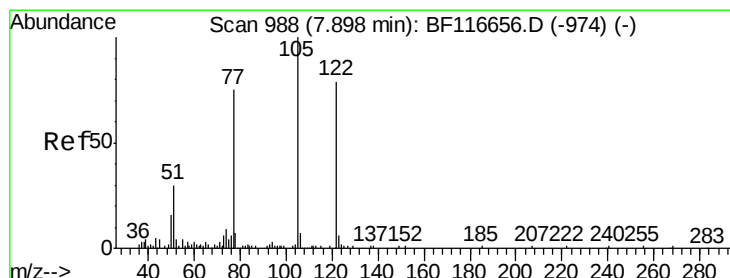
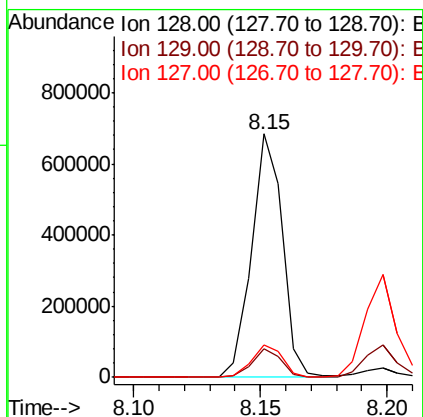
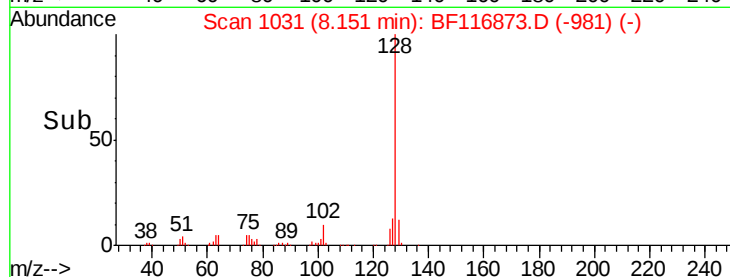
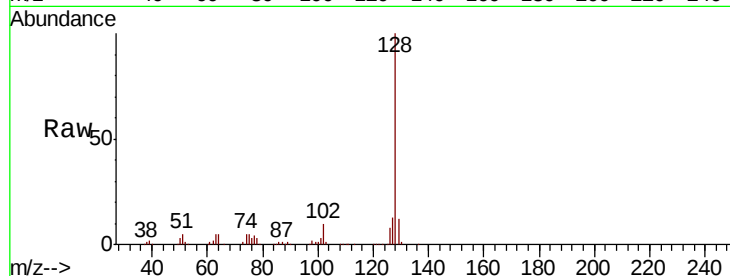




#31
Naphthalene
Concen: 43.110 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

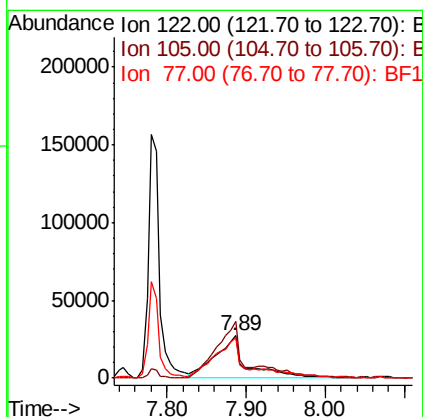
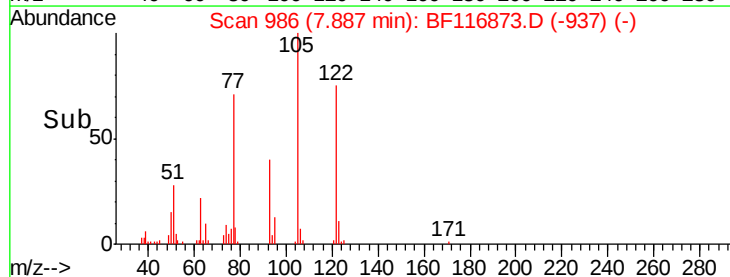
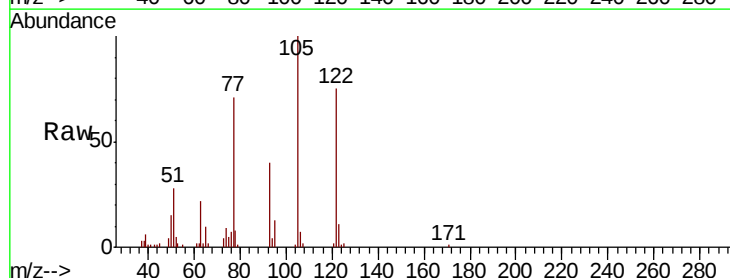
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 583226
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 34.014 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:122 Resp: 73094
Ion Ratio Lower Upper
122 100
105 133.9 110.0 150.0
77 94.6 81.7 121.7

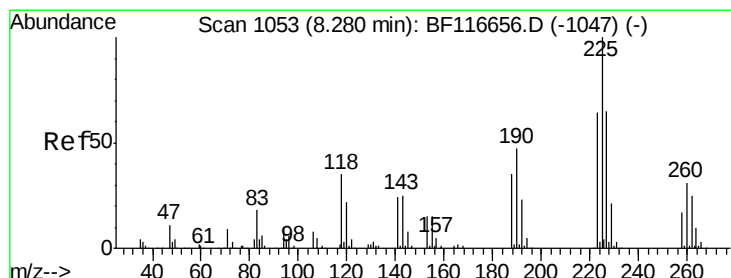
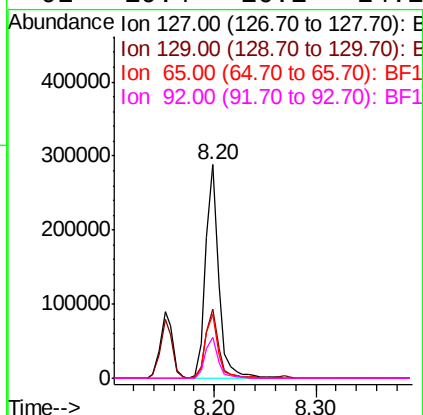
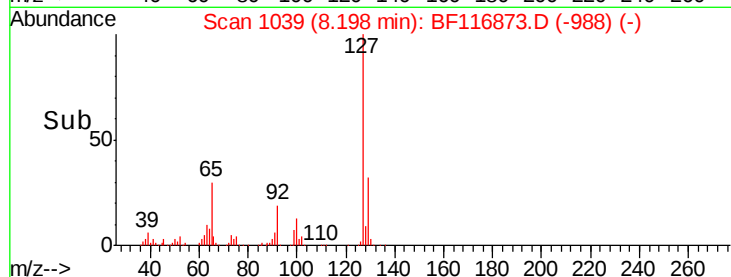
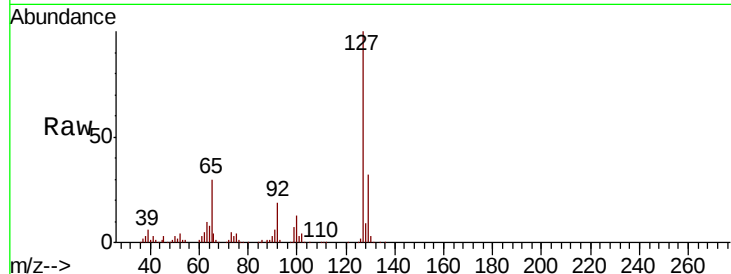




#33
4-Chloroaniline
Concen: 42.114 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

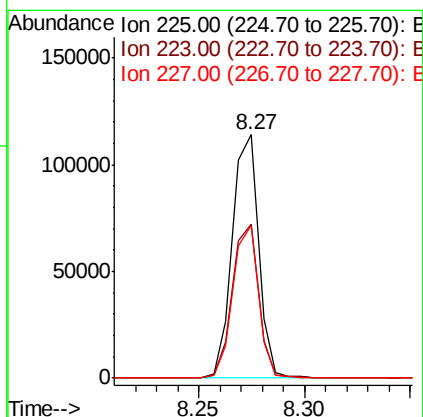
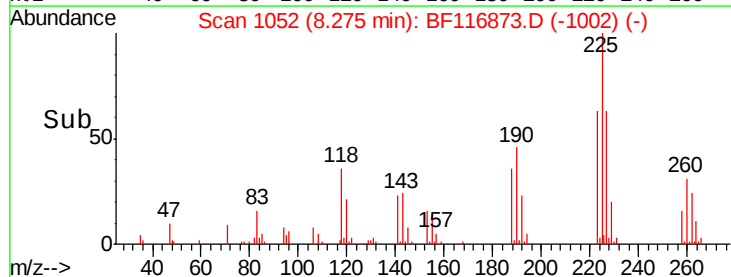
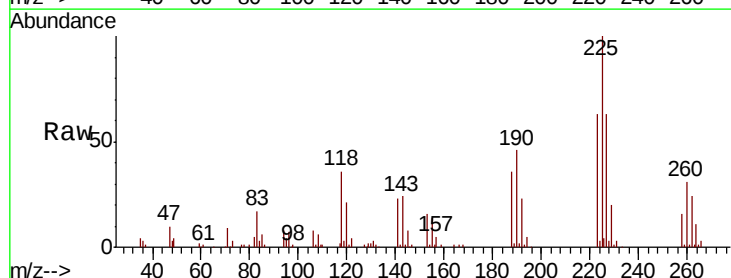
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	259353
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	30.0	26.0	39.0
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.366 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:	225	Resp:	98130
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	62.6	51.0	76.4

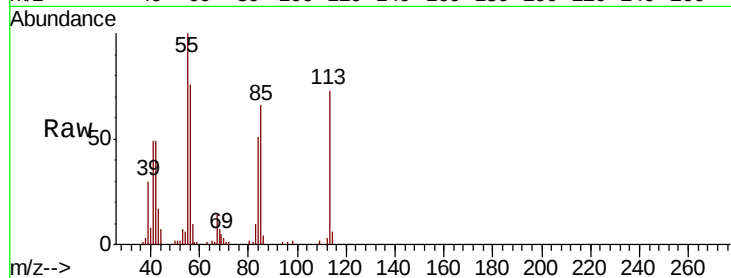




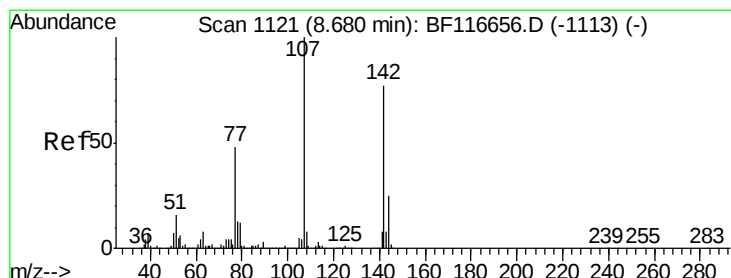
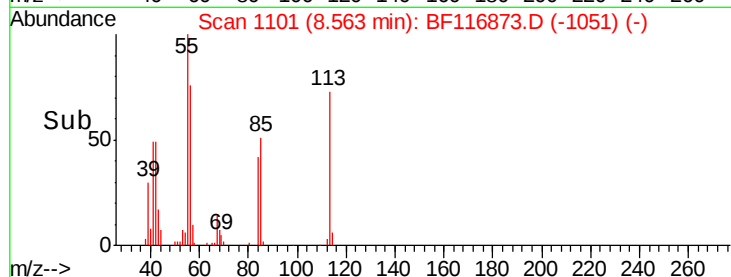
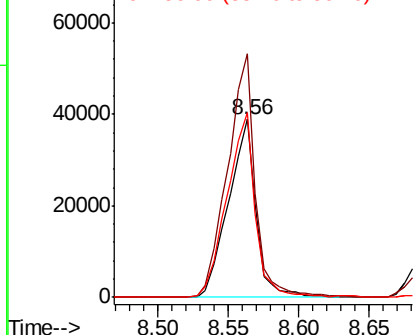
#35
 Caprolactam
 Concen: 38.570 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 52794
 Ion Ratio Lower Upper
 113 100
 55 136.7 124.3 164.3
 56 103.5 94.6 134.6

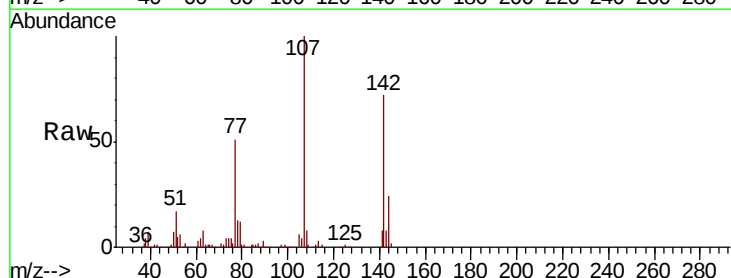


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

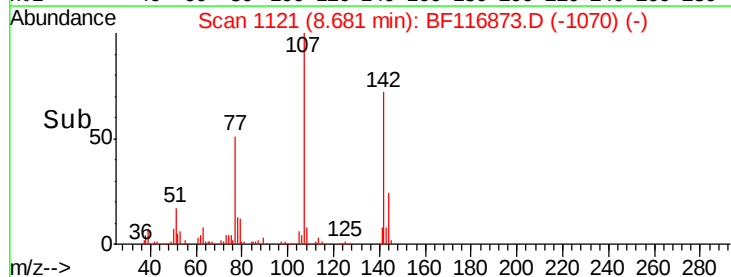
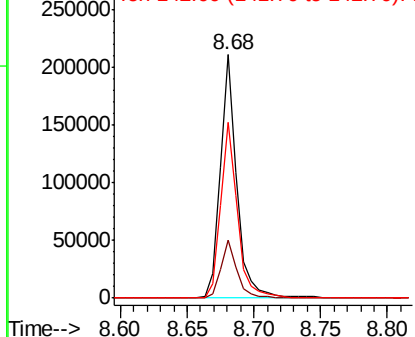


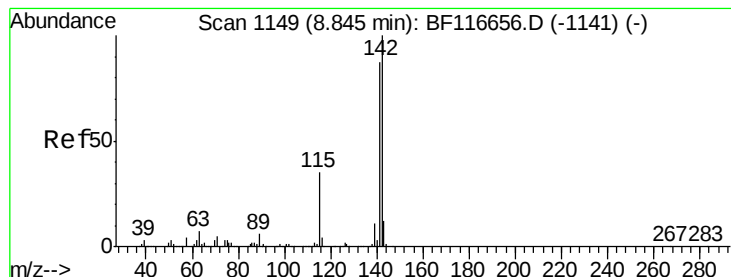
#36
 4-Chloro-3-methylphenol
 Concen: 44.102 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion:107 Resp: 185391
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 72.1 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.831 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

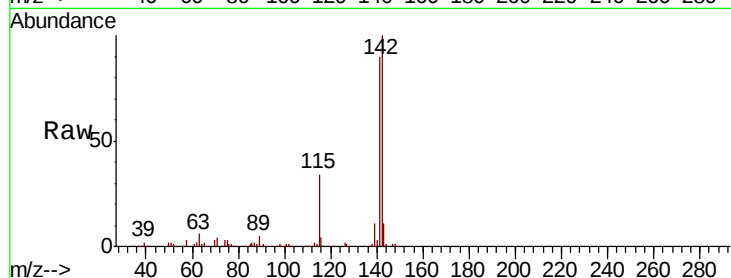
Tot Ion:142 Resp: 394541

Ion Ratio Lower Upper

142 100

141 89.6 72.6 109.0

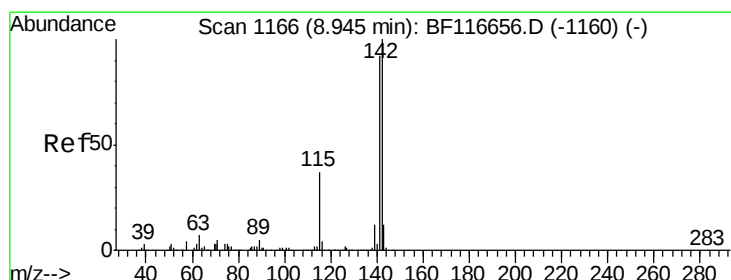
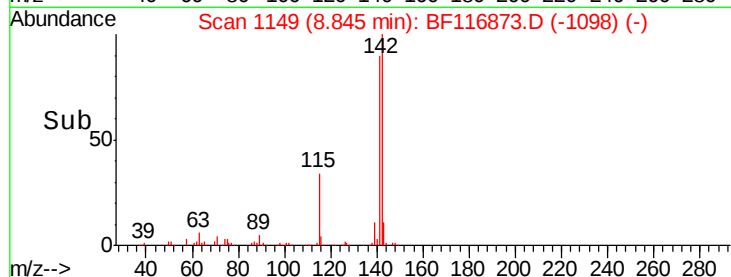
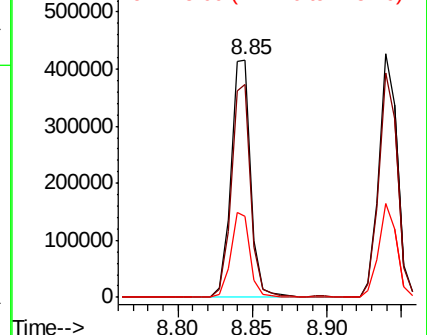
115 33.9 29.8 44.6



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: 42.659 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

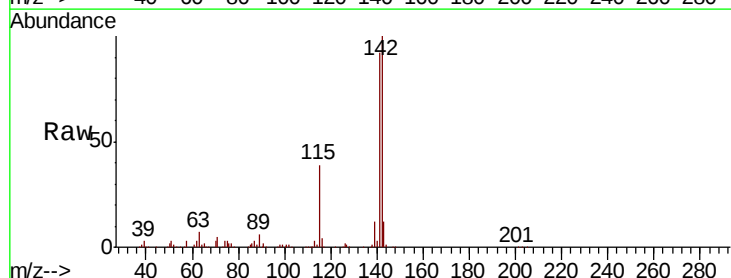
Tgt Ion:142 Resp: 362485

Ion Ratio Lower Upper

142 100

141 92.2 73.9 110.9

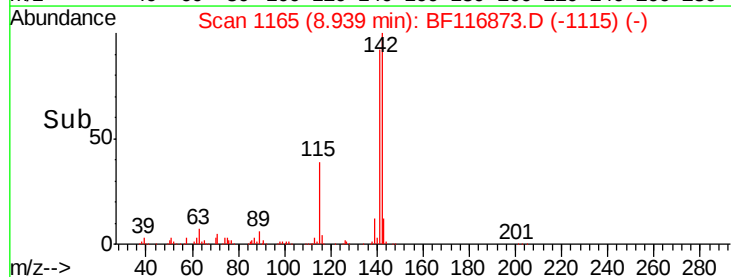
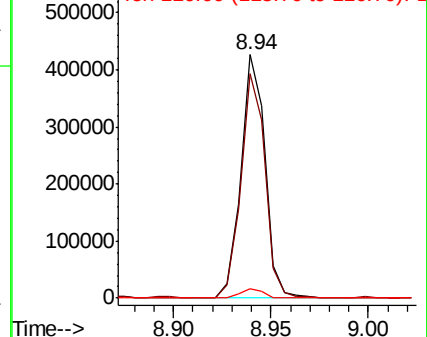
116 4.0 3.0 4.6



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

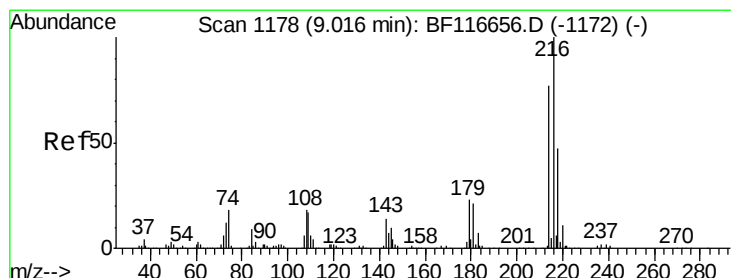
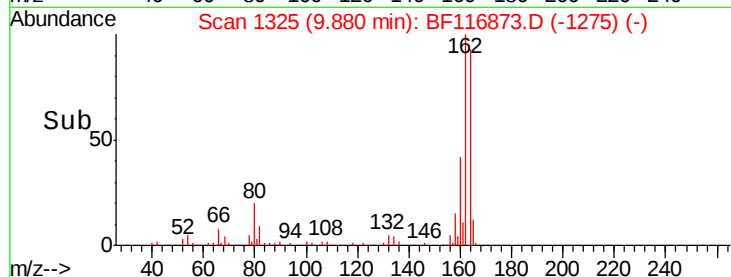
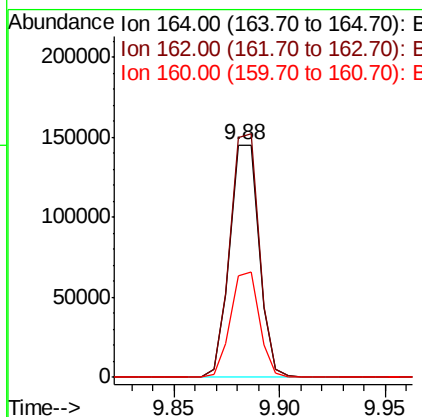
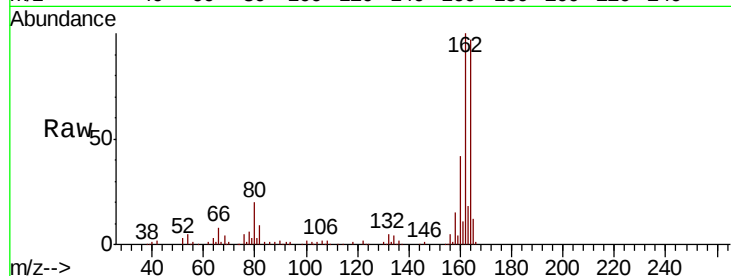




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

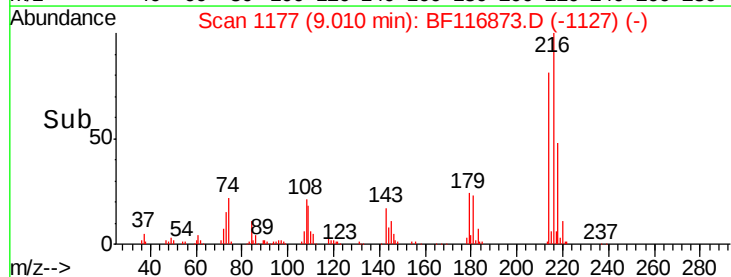
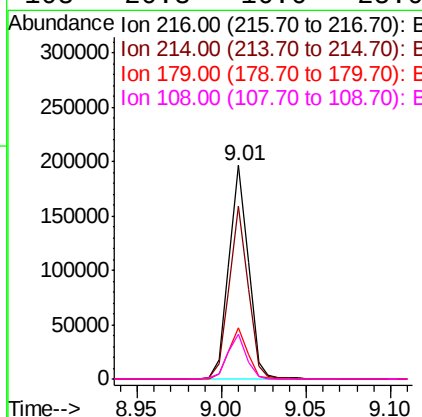
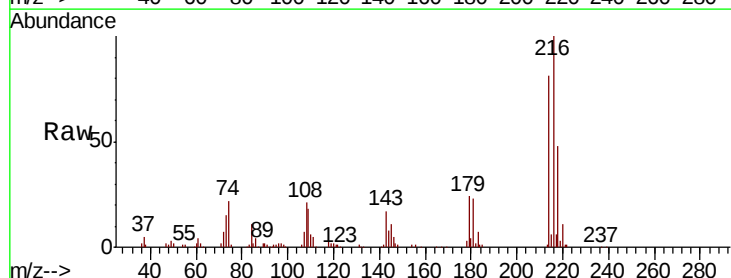
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

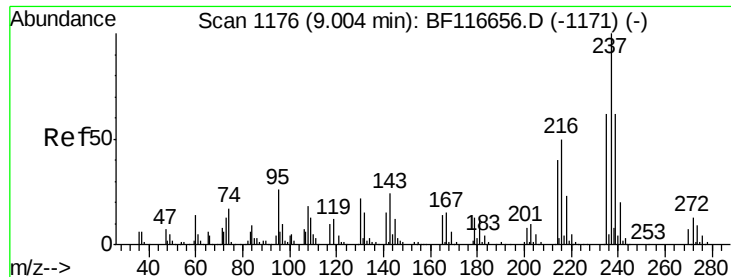
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	43.5	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.046 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.7	94.1
179	23.0	19.3	28.9
108	20.3	16.6	25.0





#41

Hexachlorocyclopentadiene

Concen: 5.033 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

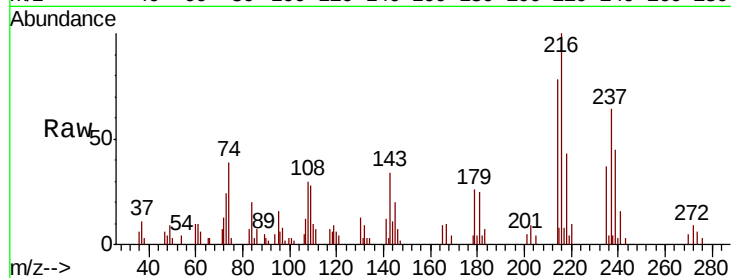
Tot Ion:237 Resp: 9748

Ion Ratio Lower Upper

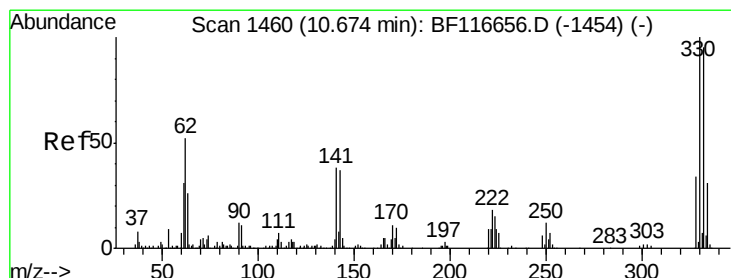
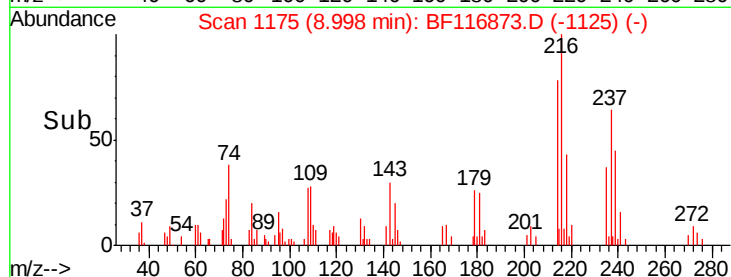
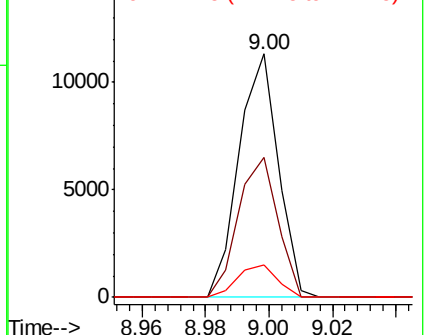
237 100

235 57.3 41.4 81.4

272 13.6 0.0 32.8



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: 93.330 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

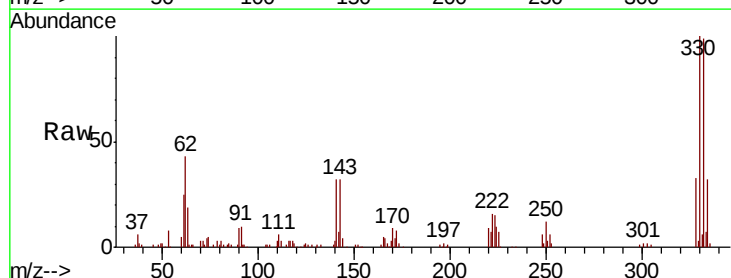
Tgt Ion:330 Resp: 87299

Ion Ratio Lower Upper

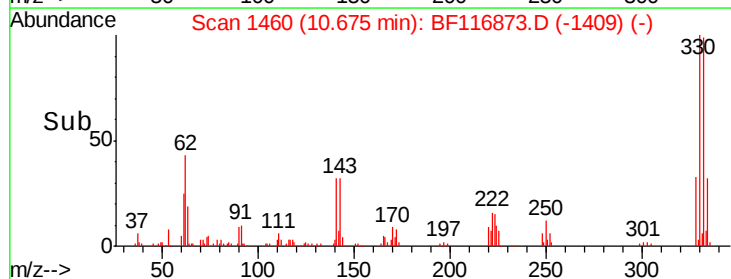
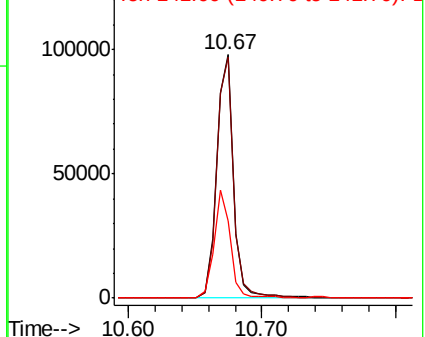
330 100

332 98.4 76.9 115.3

141 43.2 31.4 47.2



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

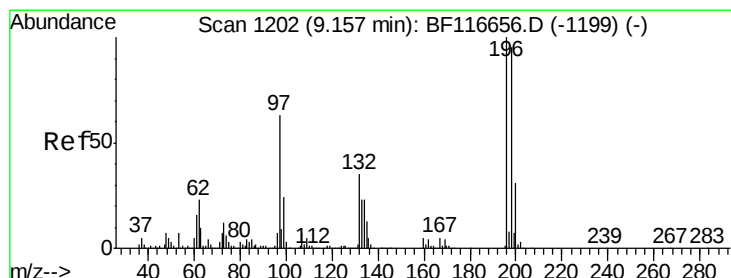
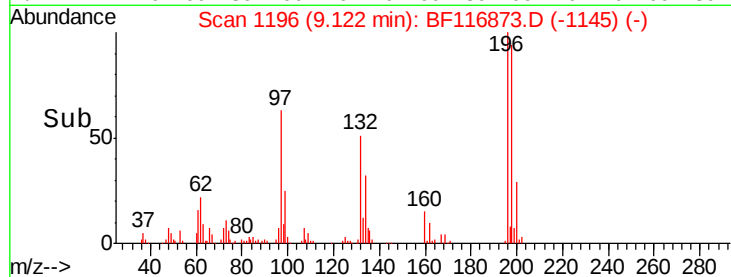
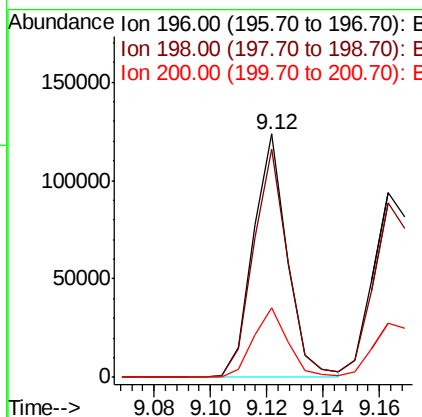
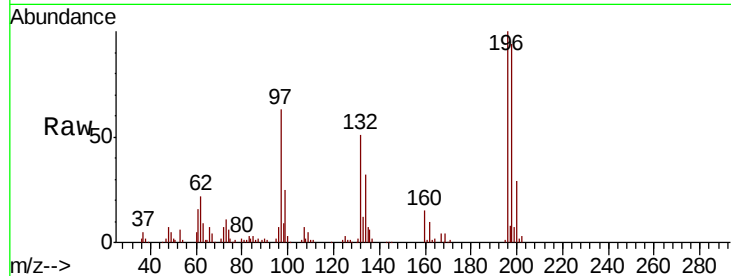




#43
 2,4,6-Trichlorophenol
 Concen: 44.968 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

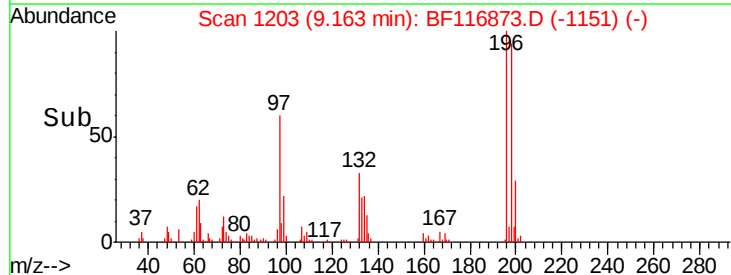
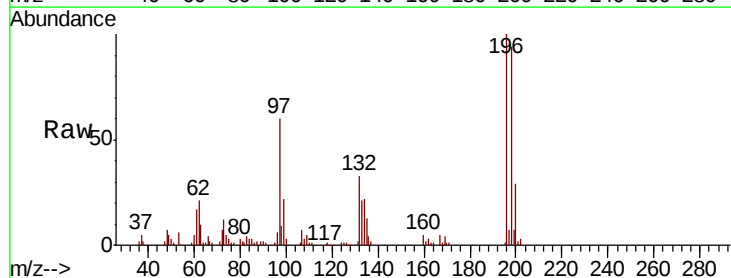
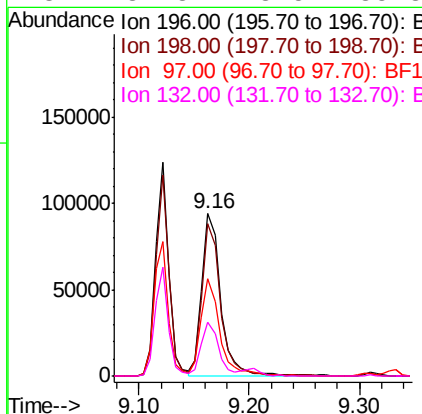
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

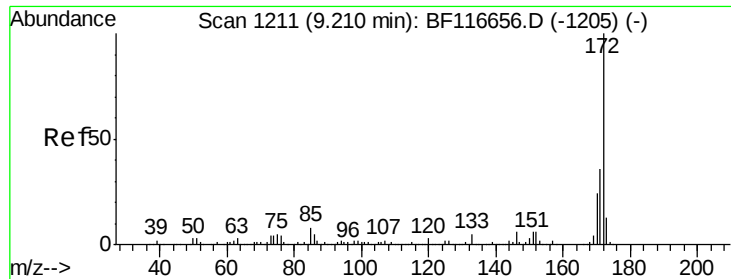
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	79.1	118.7
200	28.8	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.738 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.1	117.1
97	59.7	41.6	62.4
132	32.8	23.5	35.3

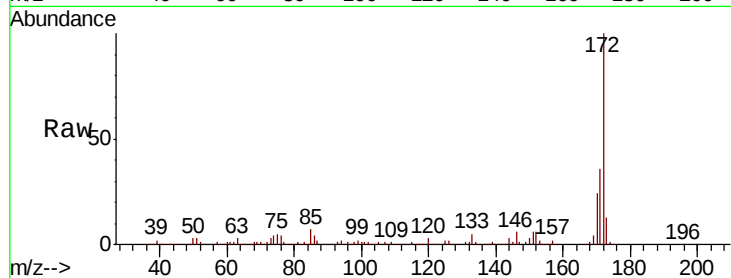




#45
2-Fluorobiphenyl
Concen: 93.655 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	23.8	18.9	28.3

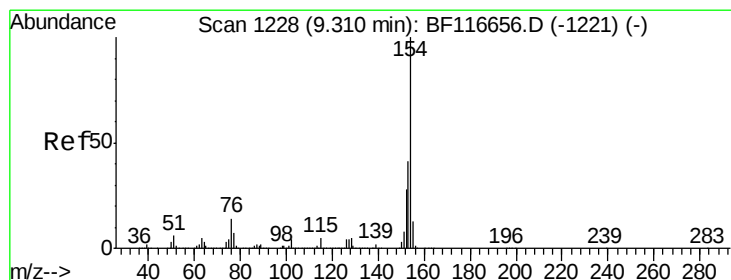
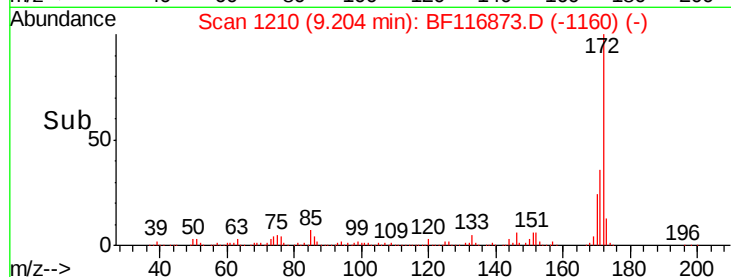
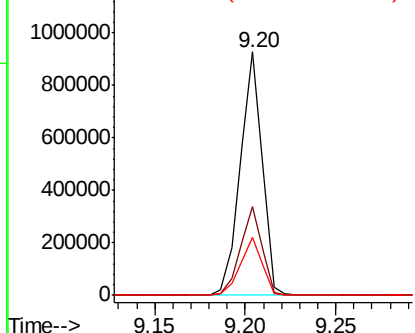


Abundance

Ion 172.00 (171.70 to 172.70): E

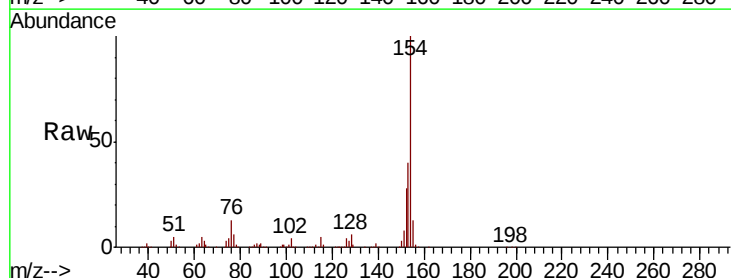
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.174 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	12.8	0.0	30.9

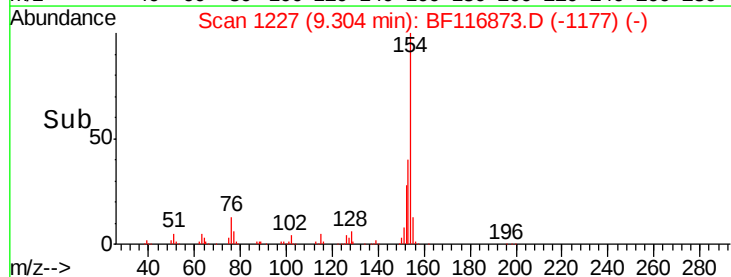
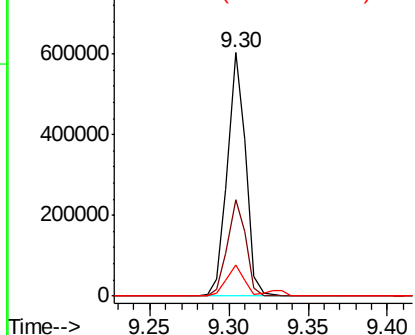


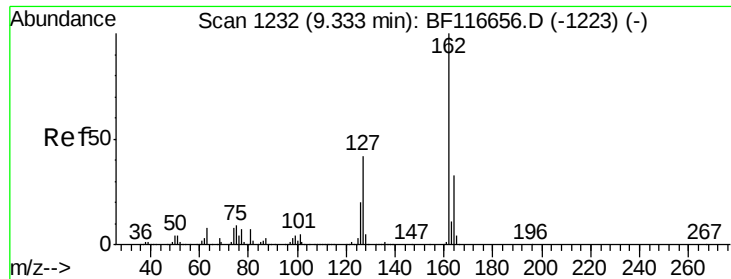
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

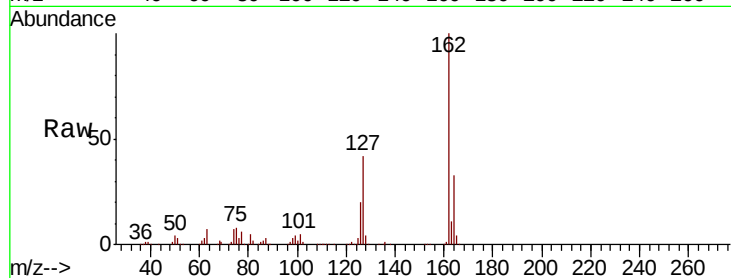




#47
 2-Chloronaphthalene
 Concen: 43.981 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	33.2	26.6	39.8

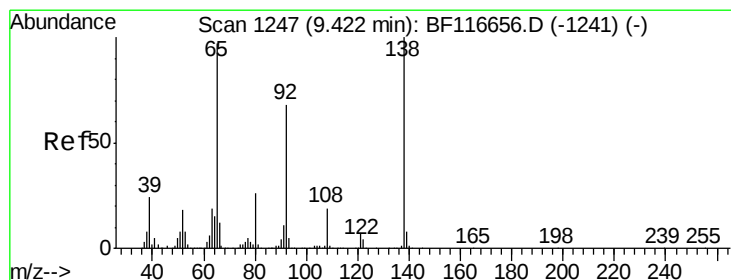
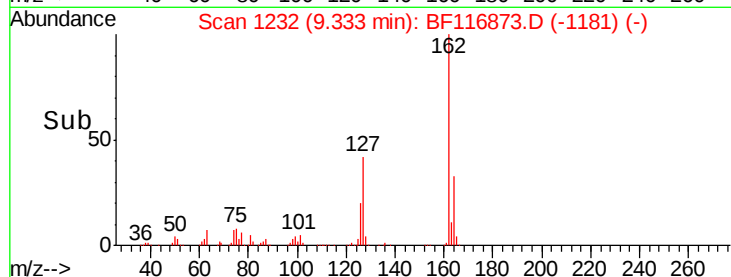
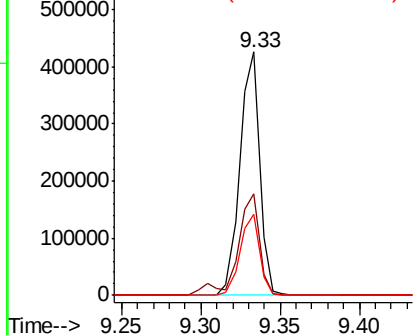


Abundance

Ion 162.00 (161.70 to 162.70): E

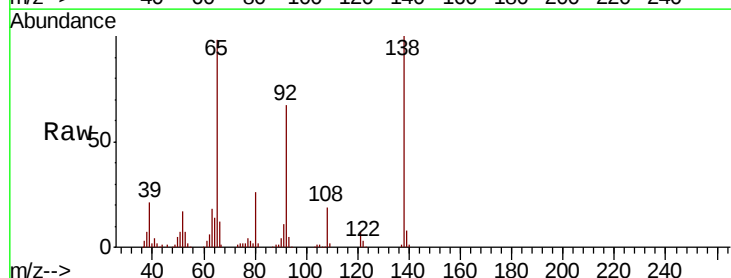
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 51.668 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.1	85.7
138	102.1	88.2	132.2

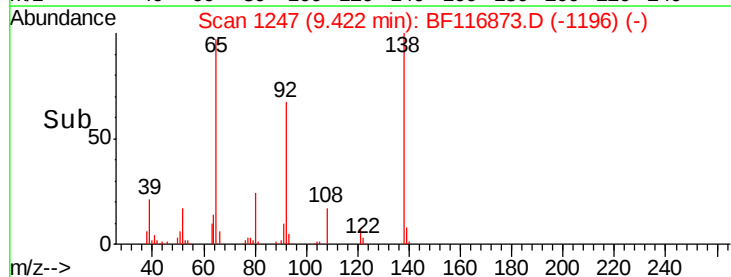
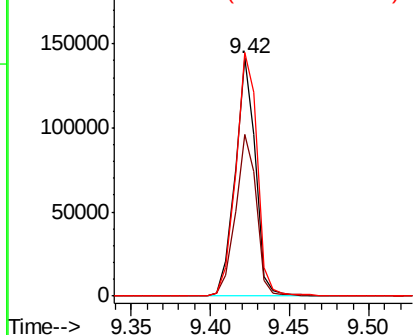


Abundance

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: 43.401 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

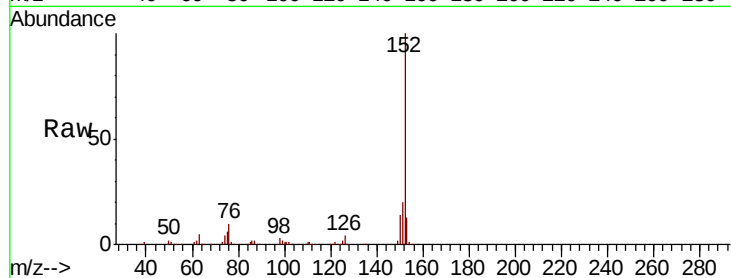
Tot Ion:152 Resp: 551693

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

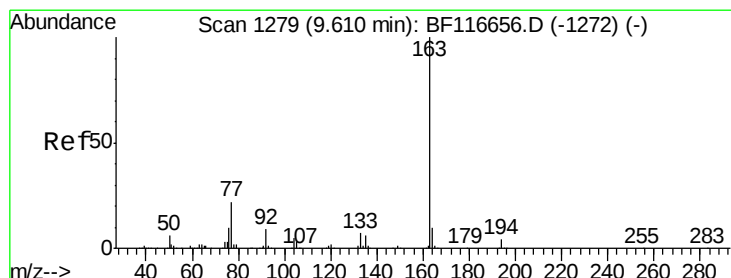
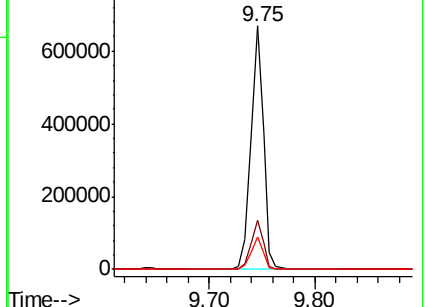
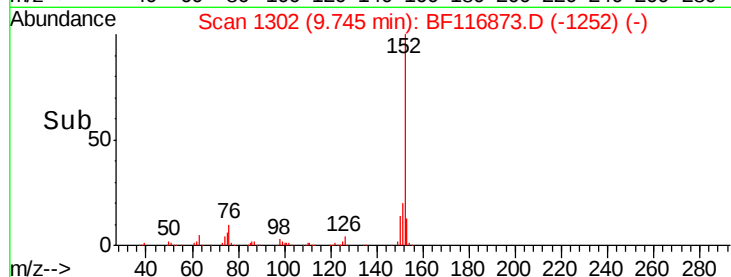
153 13.2 10.9 16.3



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: 44.930 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

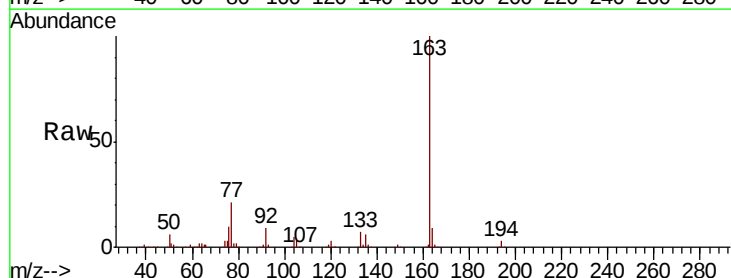
Tgt Ion:163 Resp: 434015

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

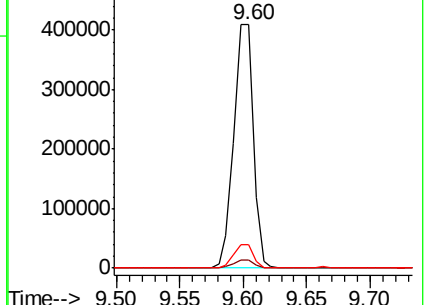
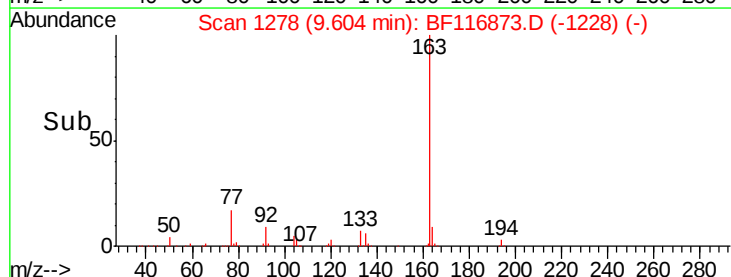
164 9.5 8.6 12.8

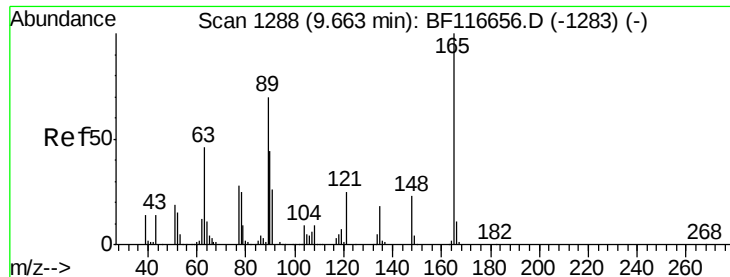


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.569 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

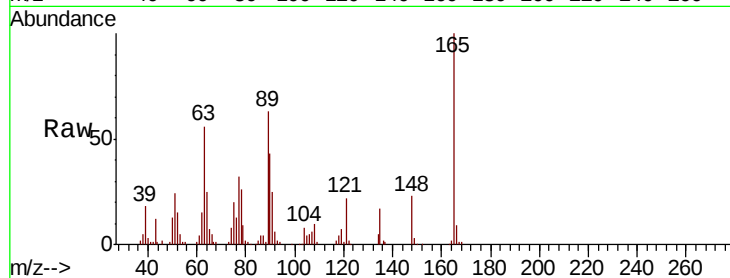
Tot Ion:165 Resp: 87671

Ion Ratio Lower Upper

165 100

63 56.4 47.3 70.9

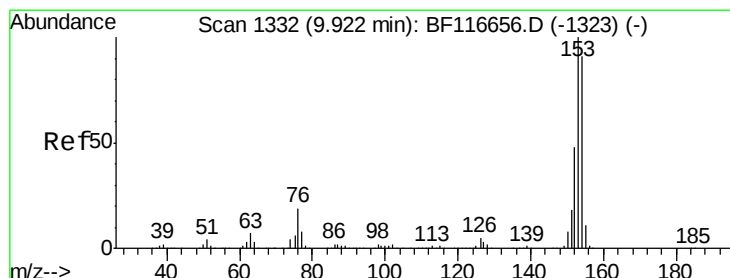
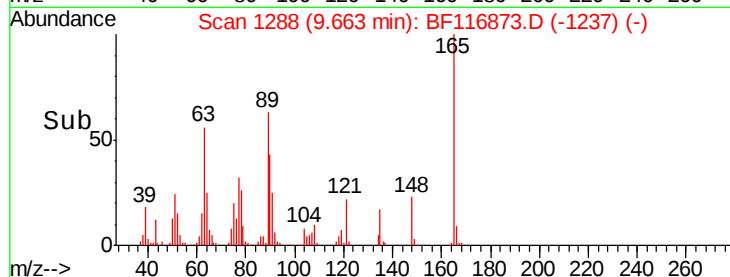
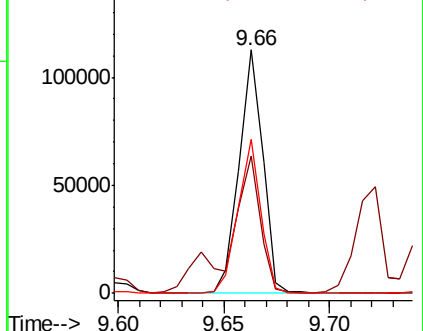
89 63.4 52.5 78.7



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: 41.799 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

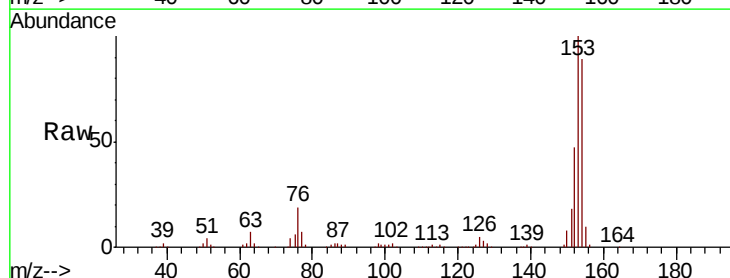
Tgt Ion:154 Resp: 326467

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

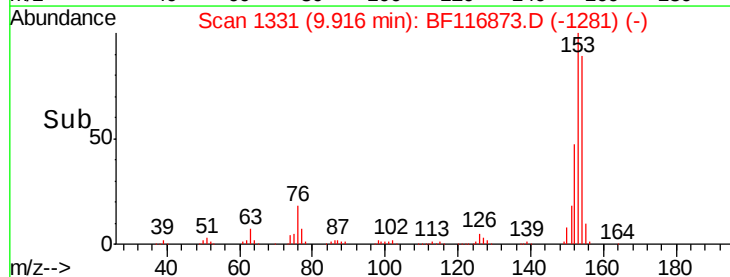
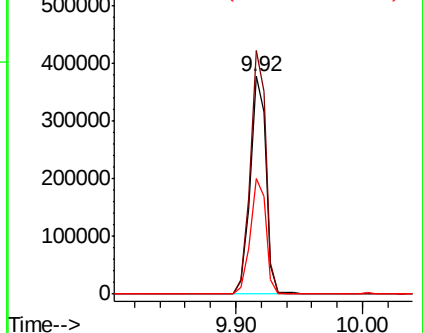
152 52.9 41.9 62.9



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

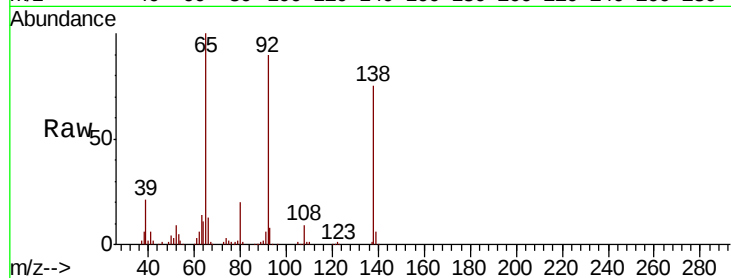




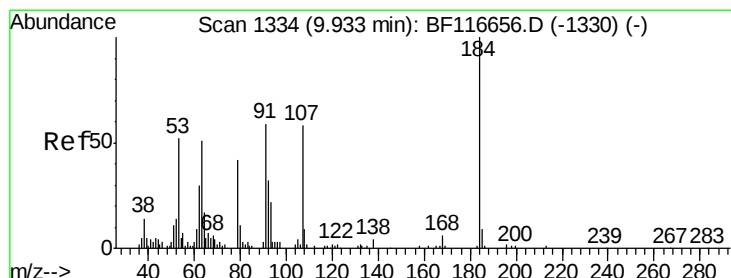
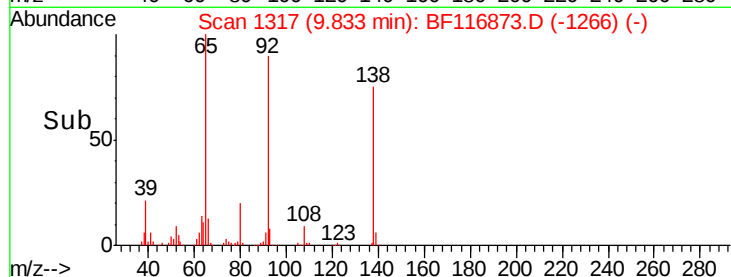
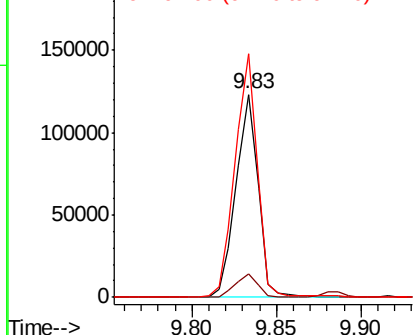
#53
3-Nitroaniline
Concen: 48.675 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 112424
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 120.1 87.2 130.8

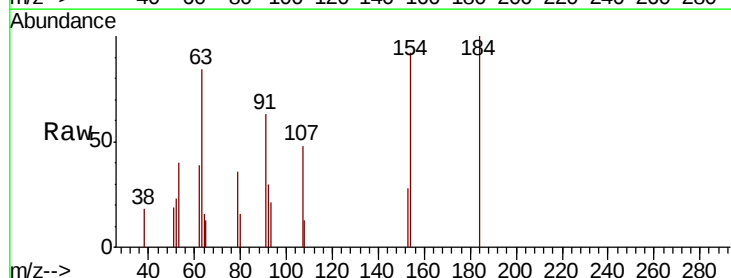


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

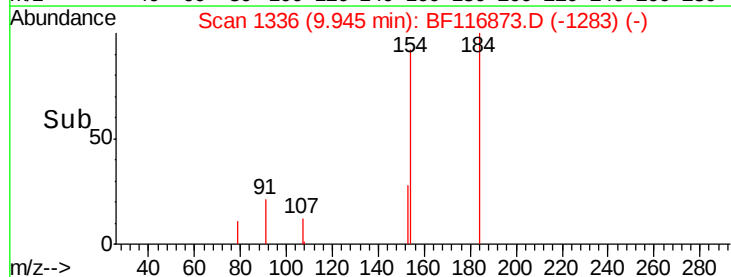
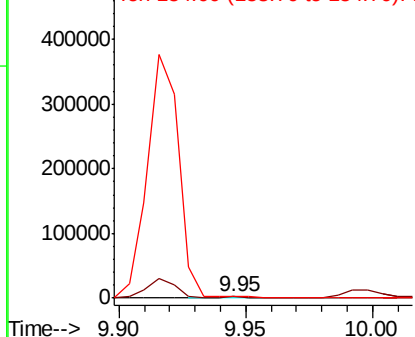


#54
2,4-Dinitrophenol
Concen: 12.399 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:184 Resp: 2476
Ion Ratio Lower Upper
184 100
63 83.8 52.2 78.2#
154 92.1 60.8 91.2#



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

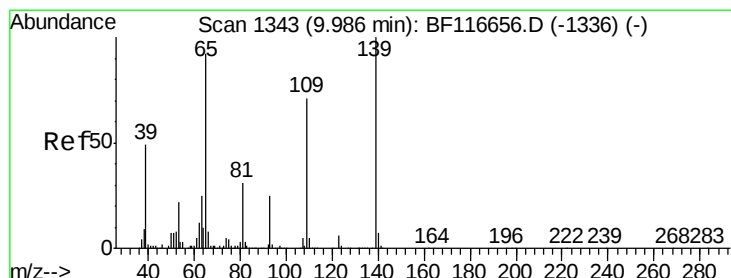
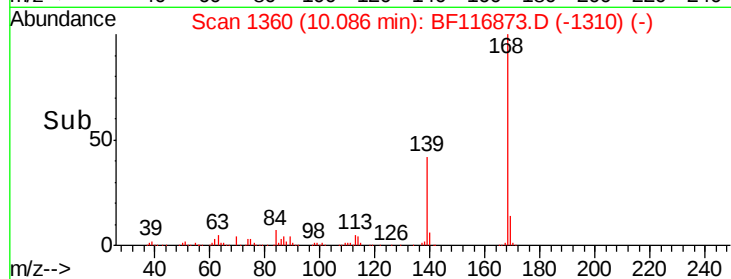
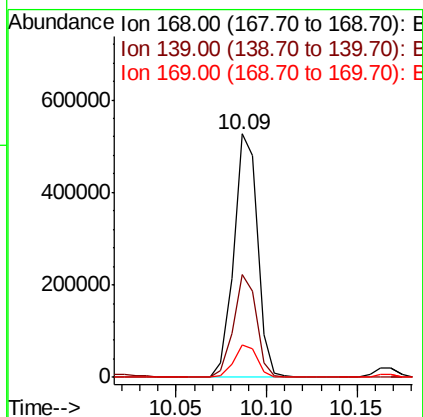
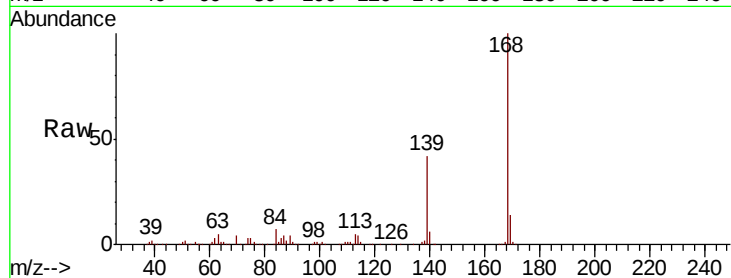




#55
Dibenzenofuran
Concen: 43.565 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

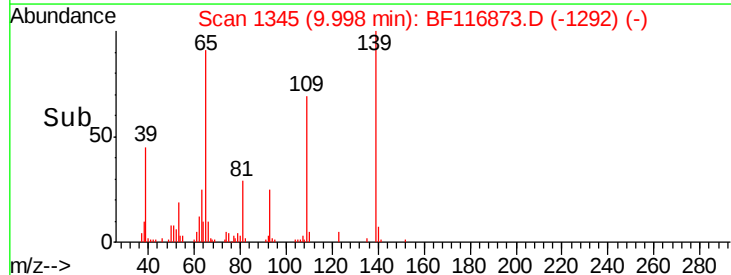
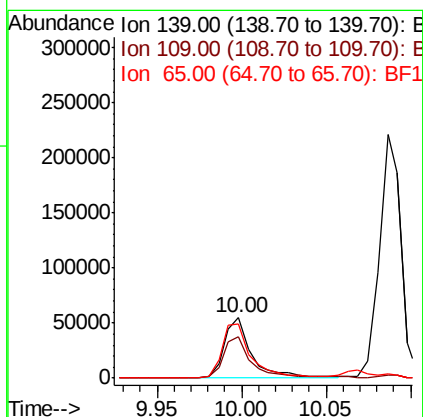
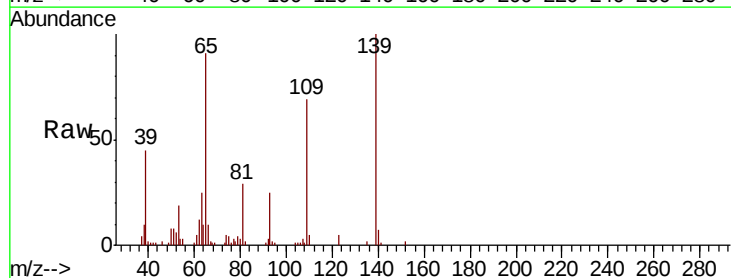
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

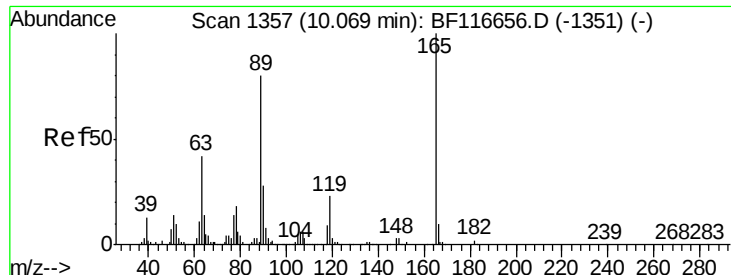
Tot Ion:168 Resp: 479671
Ion Ratio Lower Upper
168 100
139 42.0 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 39.799 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:139 Resp: 63029
Ion Ratio Lower Upper
139 100
109 68.9 61.7 101.7
65 90.5 89.1 129.1





#57

2,4-Dinitrotoluene

Concen: 50.374 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 113521

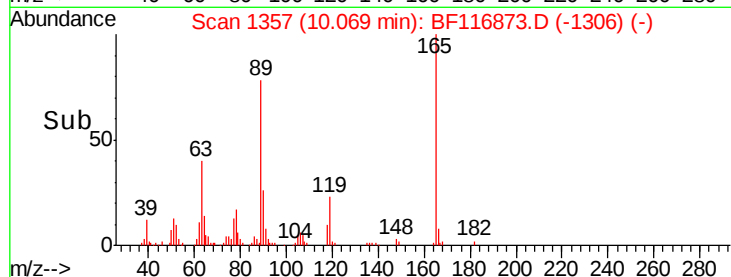
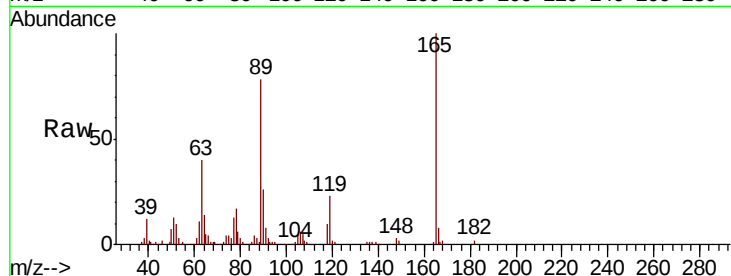
Ion Ratio Lower Upper

165 100

63 40.3 36.4 54.6

89 78.2 62.6 94.0

182 2.4 2.1 3.1

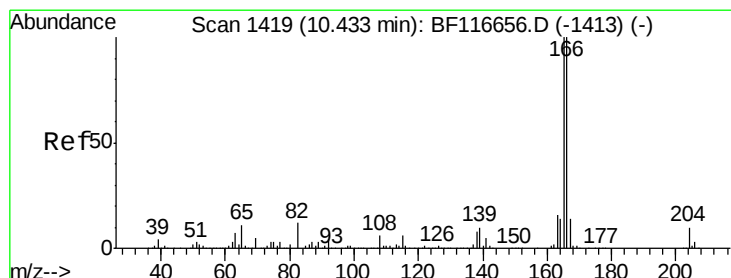
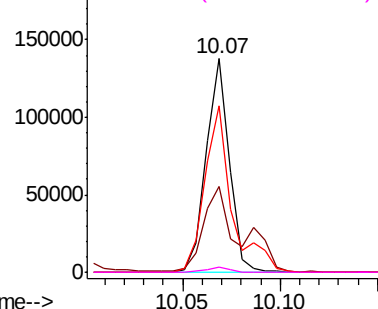


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.412 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

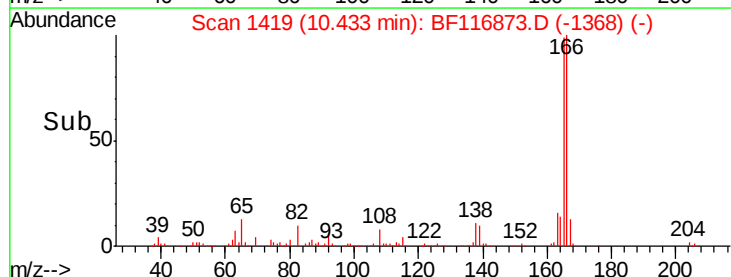
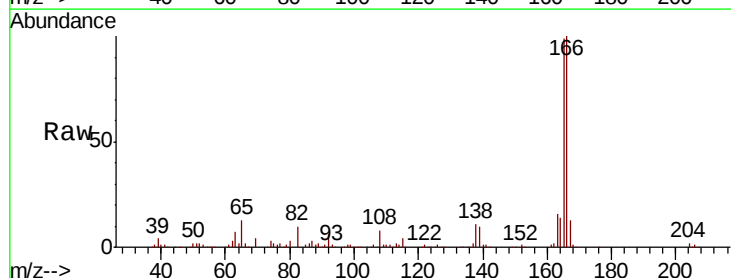
Tgt Ion:166 Resp: 372595

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

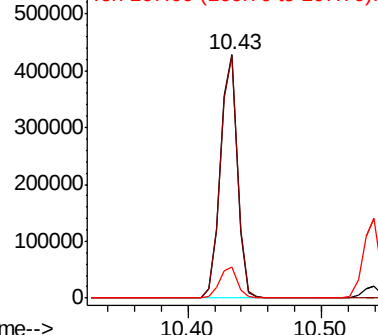
167 13.0 10.0 15.0



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

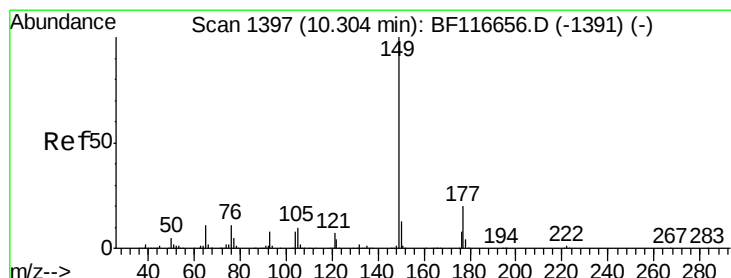
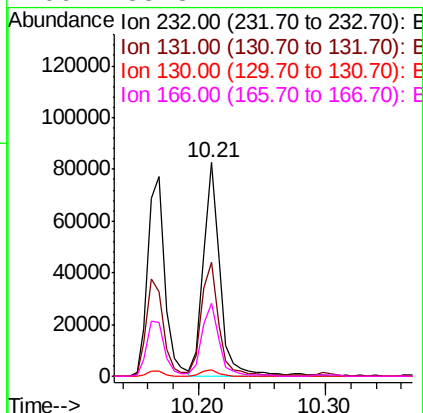
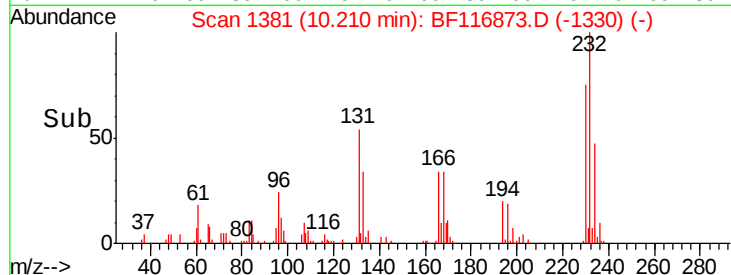
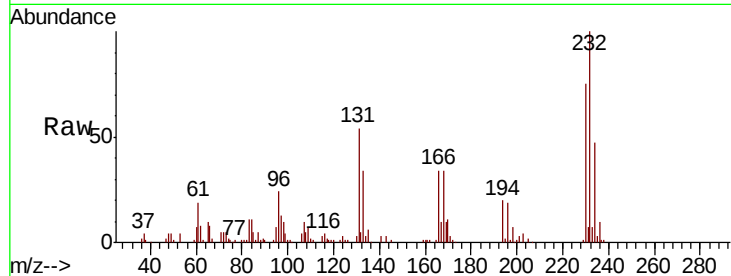




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.898 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

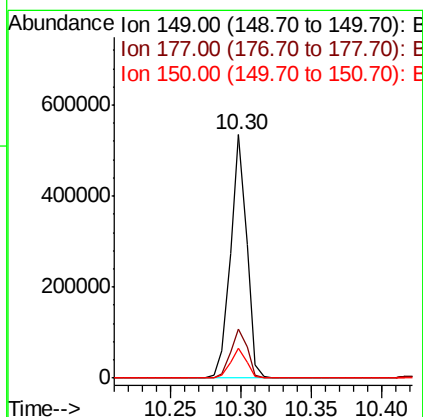
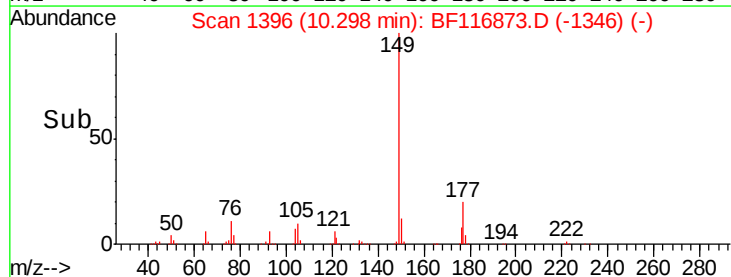
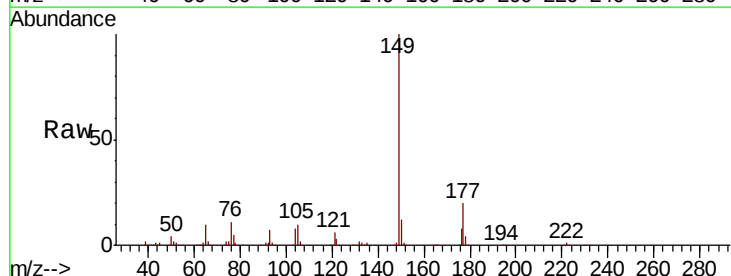
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

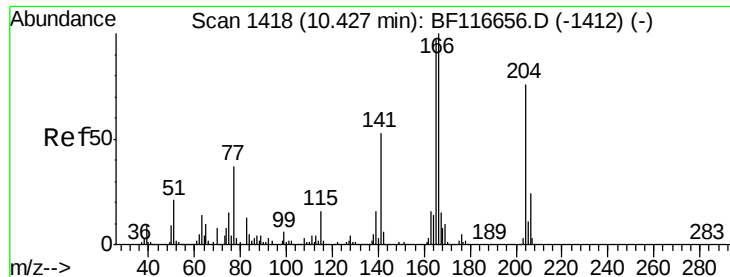
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.1	42.7	64.1
130	2.6	1.9	2.9
166	35.3	27.4	41.2



#60
 Diethylphthalate
 Concen: 44.073 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.2	25.8
150	12.4	9.7	14.5

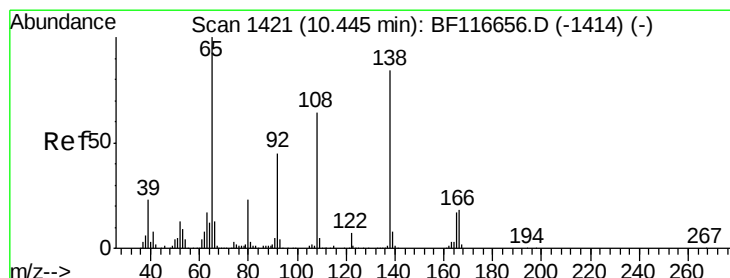
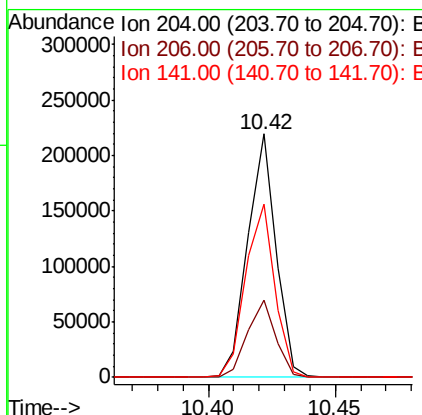
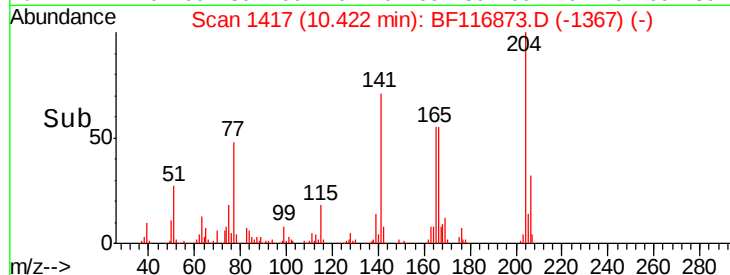
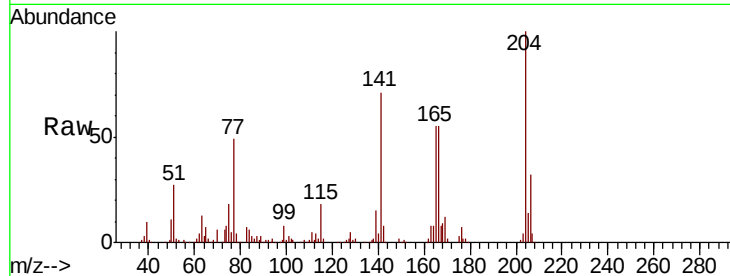




#61
4-Chlorophenyl-phenylether
Concen: 46.405 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

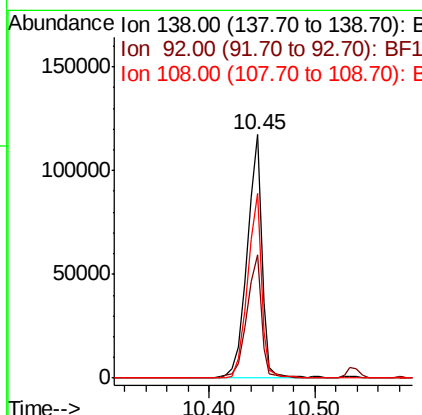
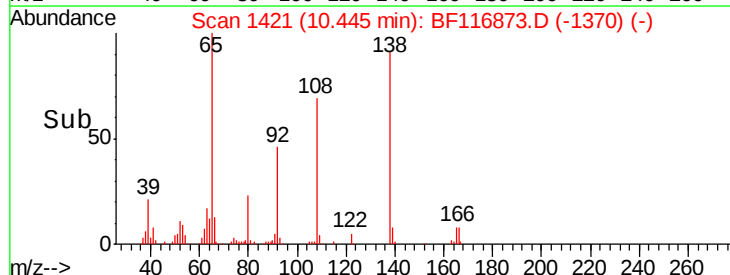
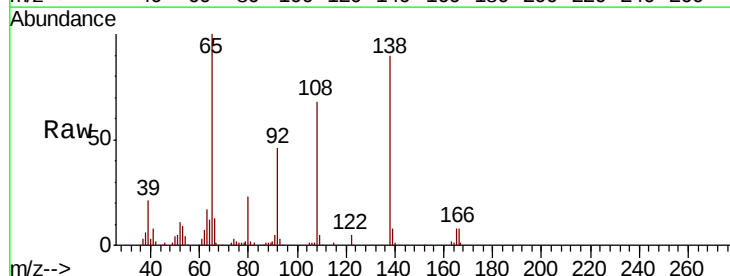
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

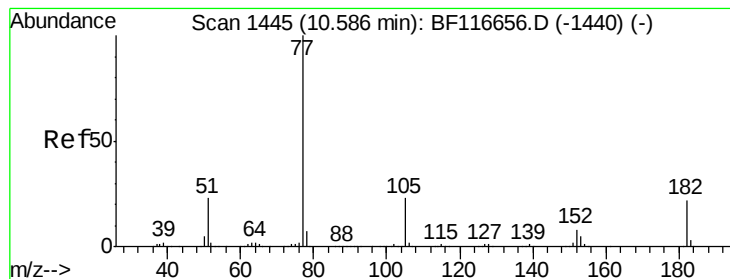
Tot Ion:204 Resp: 170478
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 71.0 53.8 80.8



#62
4-Nitroaniline
Concen: 50.957 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:138 Resp: 114218
Ion Ratio Lower Upper
138 100
92 50.7 28.7 68.7
108 75.8 60.4 100.4





#63

Azobenzene

Concen: 41.561 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 419332

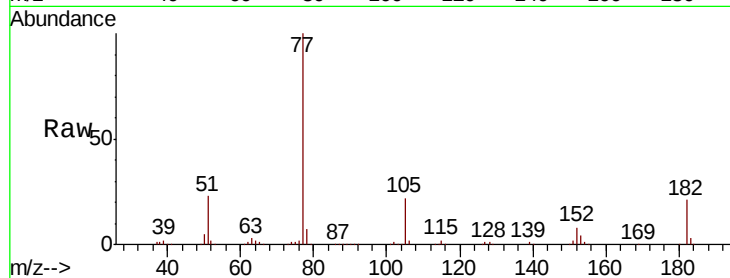
Ion Ratio Lower Upper

77 100

182 21.3 1.2 41.2

105 21.7 0.6 40.6

51 23.0 8.2 48.2

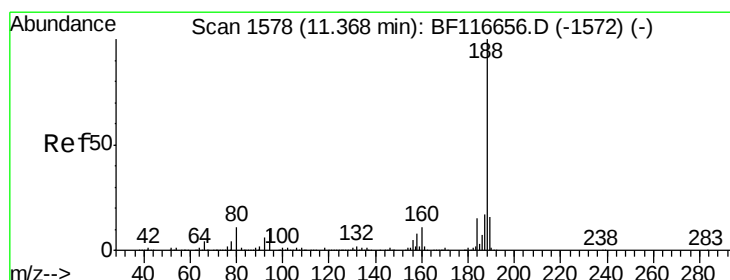
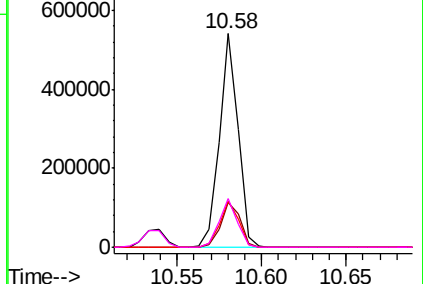
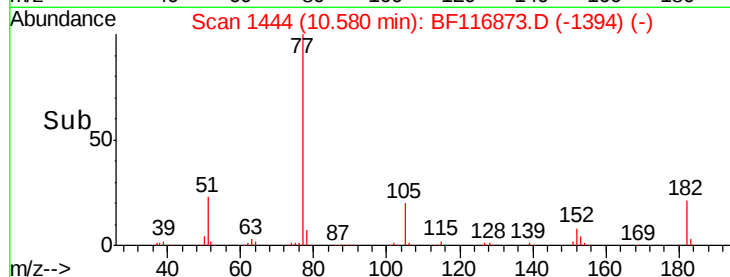


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

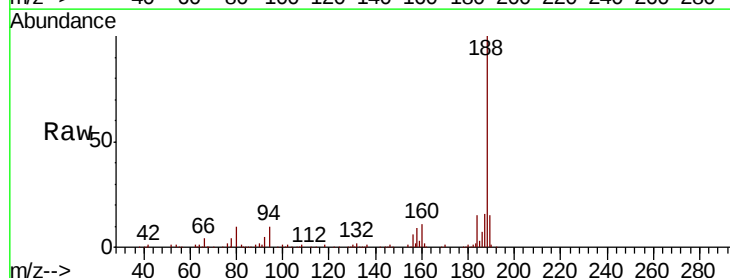
Tgt Ion: 188 Resp: 202230

Ion Ratio Lower Upper

188 100

94 9.6 7.3 10.9

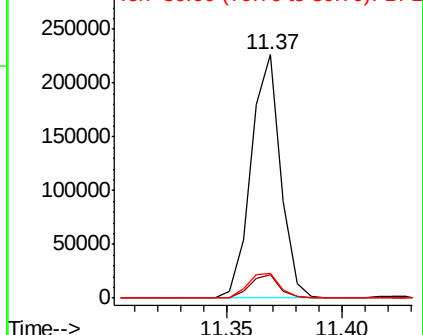
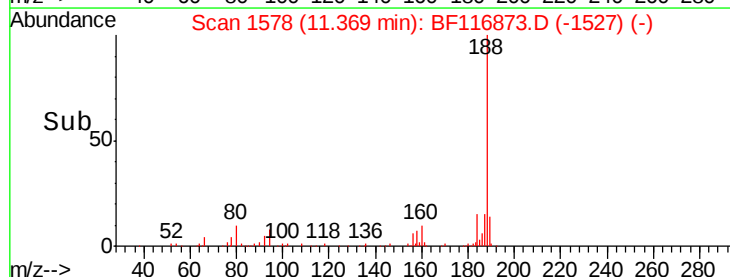
80 10.2 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

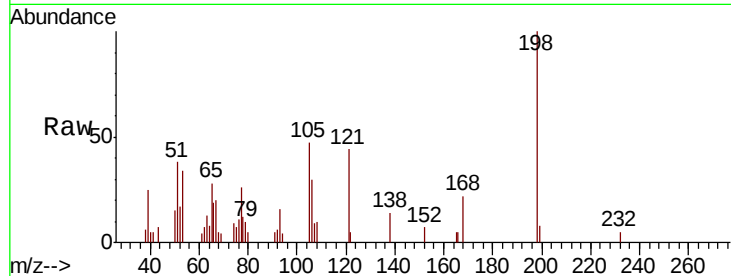




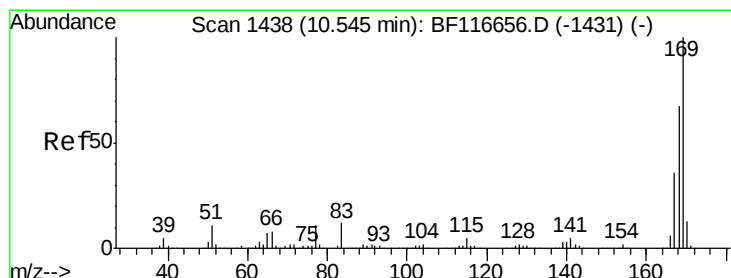
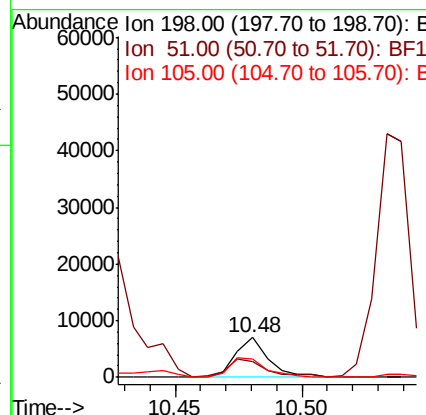
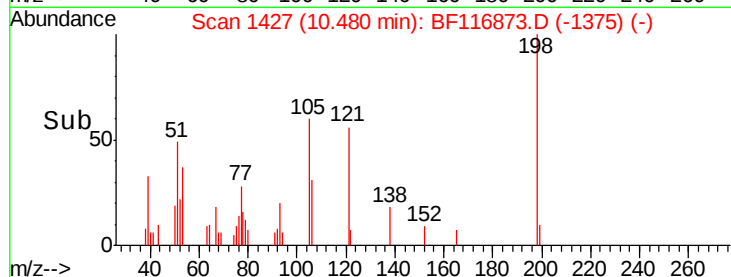
#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.711 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	198	Resp	6401
Ion Ratio	100	Lower	Upper
51	38.4	18.4	58.4
105	46.6	22.9	62.9

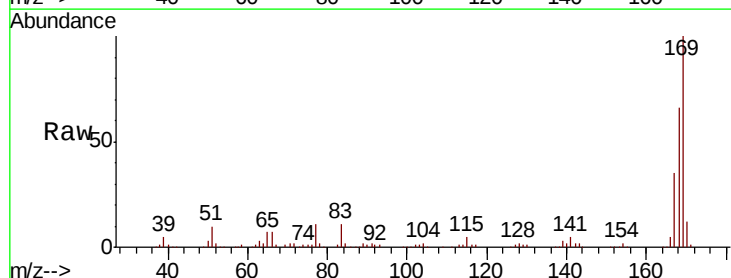


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

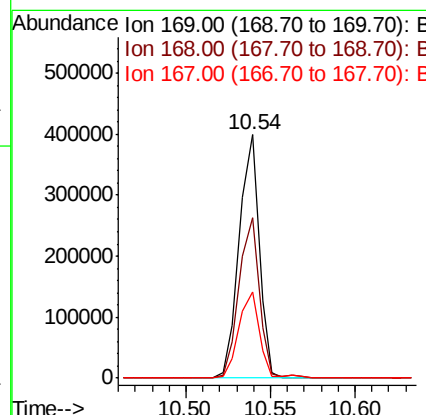
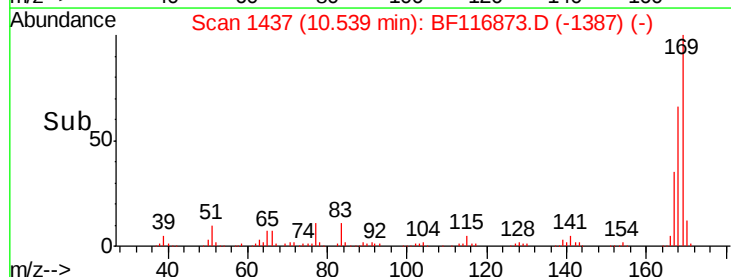


#66
 n-Nitrosodiphenylamine
 Concen: 47.173 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	169	Resp	330017
Ion Ratio	100	Lower	Upper
168	66.1	55.8	83.6
167	35.4	29.4	44.2



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

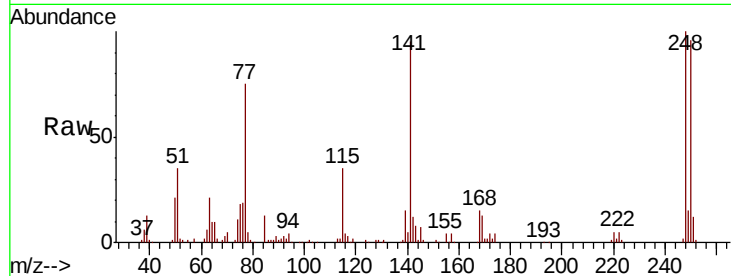




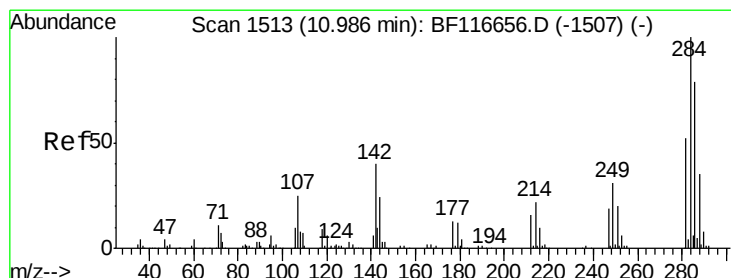
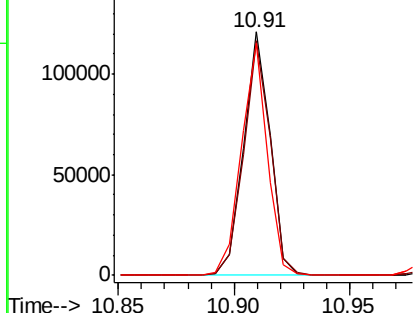
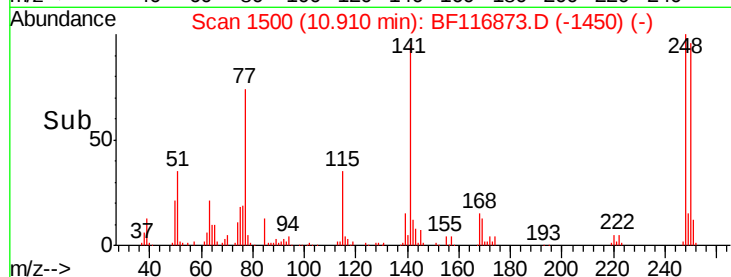
#67
4-Bromophenyl-phenylether
Concen: 47.422 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 97423
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 95.4 75.9 113.9

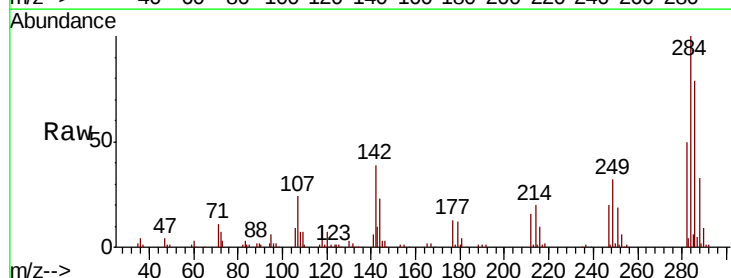


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

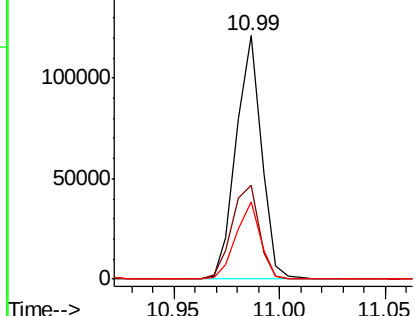
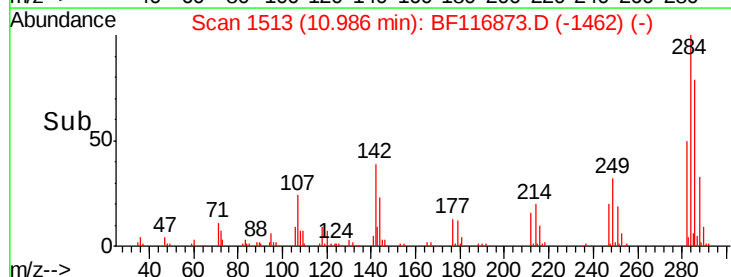


#68
Hexachlorobenzene
Concen: 46.600 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:284 Resp: 100164
Ion Ratio Lower Upper
284 100
142 38.8 34.0 51.0
249 31.6 26.4 39.6



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: 45.069 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

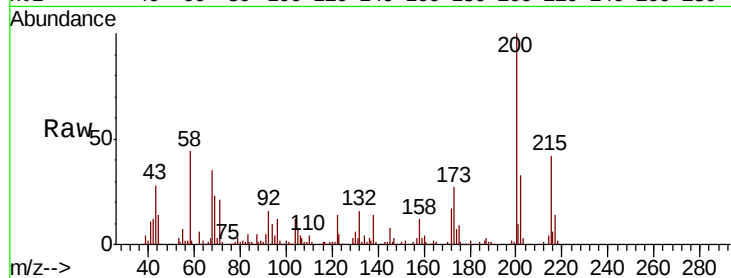
Tot Ion:200 Resp: 88305

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

215 42.5 24.3 64.3

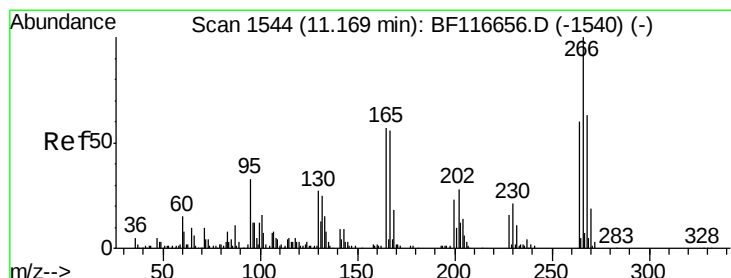
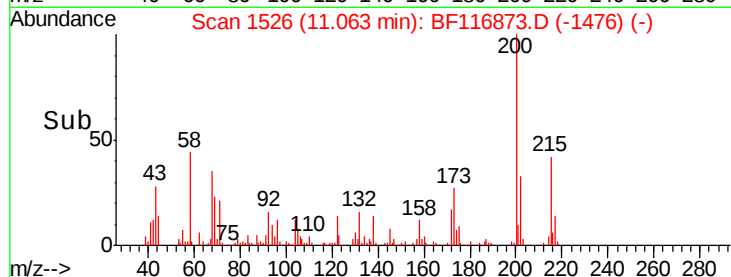
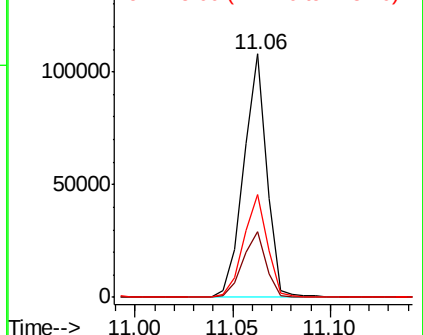


Abundance

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: 37.505 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

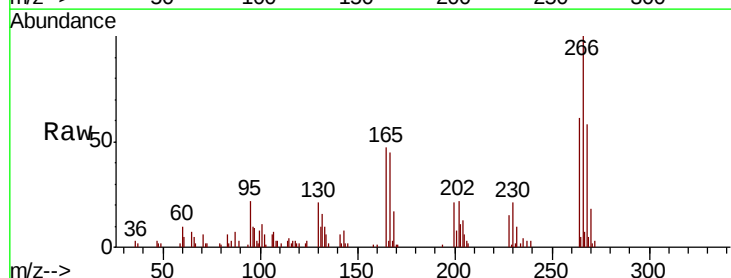
Tgt Ion:266 Resp: 38997

Ion Ratio Lower Upper

266 100

268 58.4 51.2 76.8

264 61.0 51.9 77.9

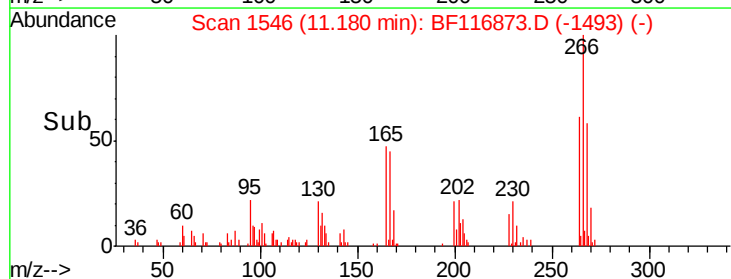
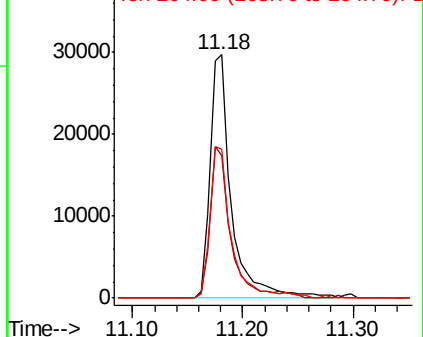


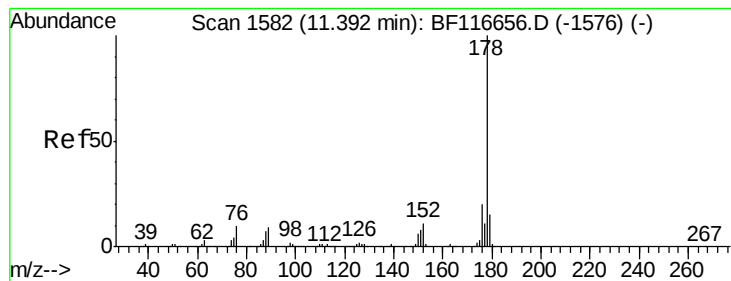
Abundance

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: 43.439 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

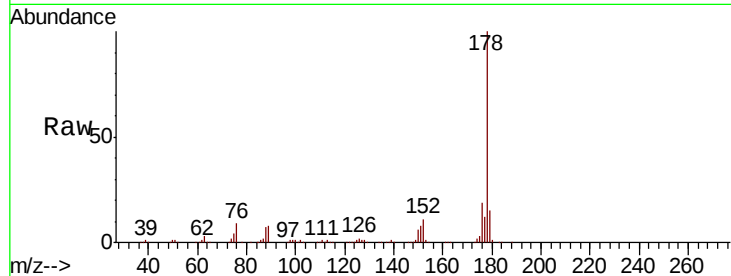
Tot Ion:178 Resp: 489007

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

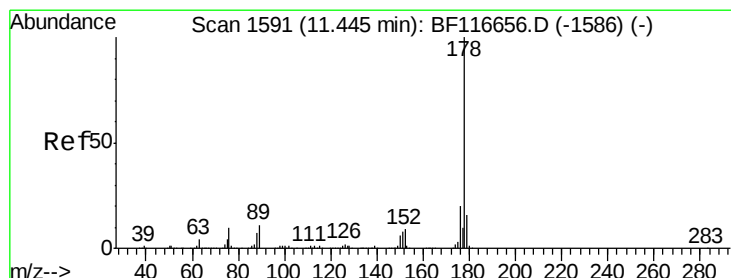
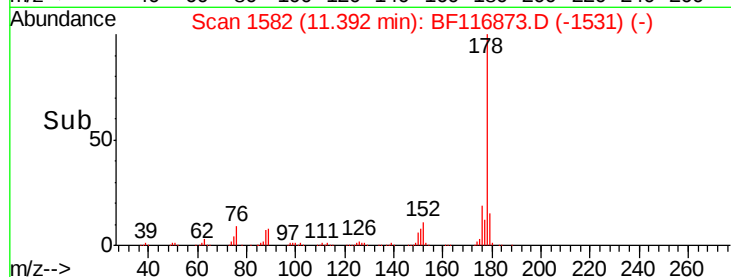
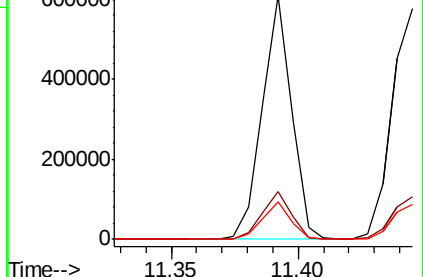
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.614 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

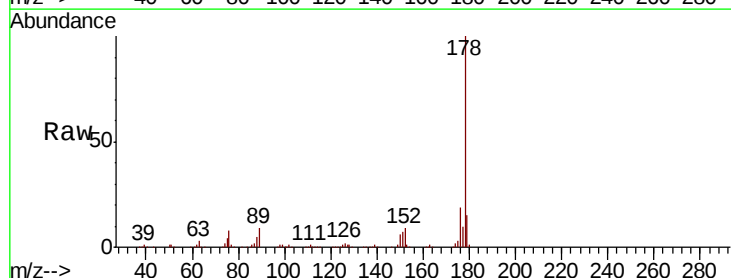
Tgt Ion:178 Resp: 494239

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

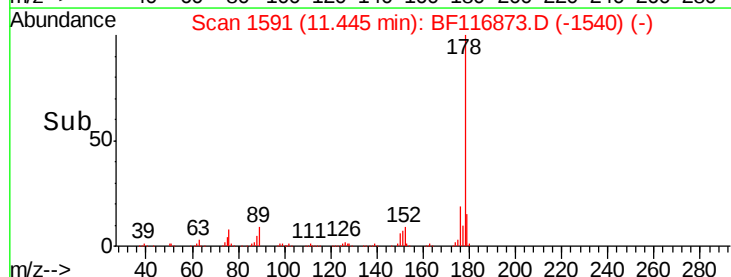
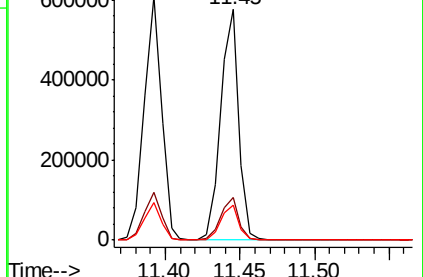
179 15.1 12.5 18.7

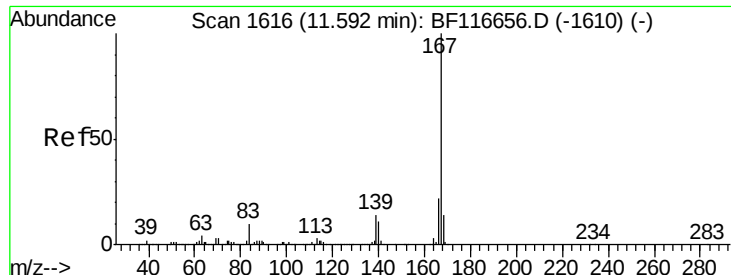


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

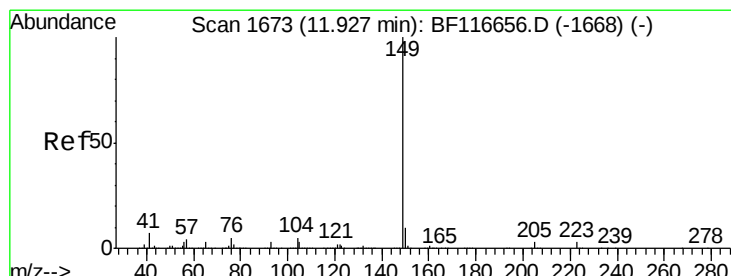
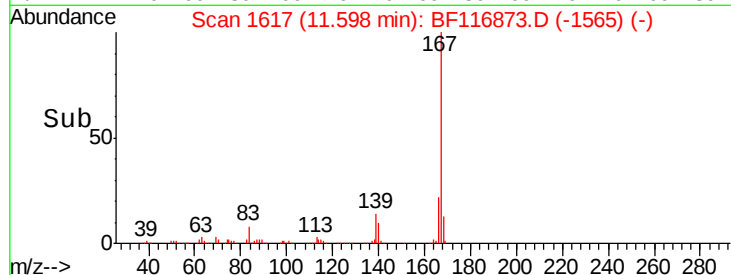
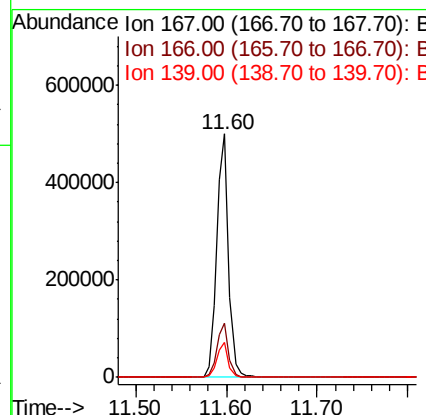
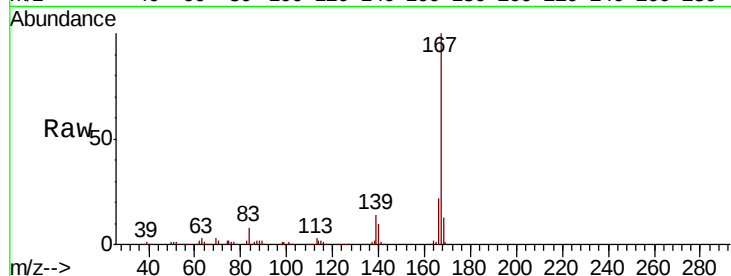




#73
 Carbazole
 Concen: 42.179 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

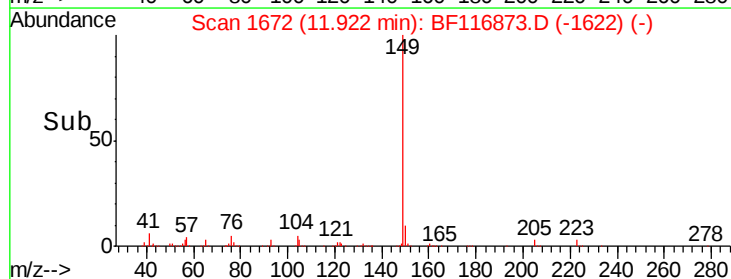
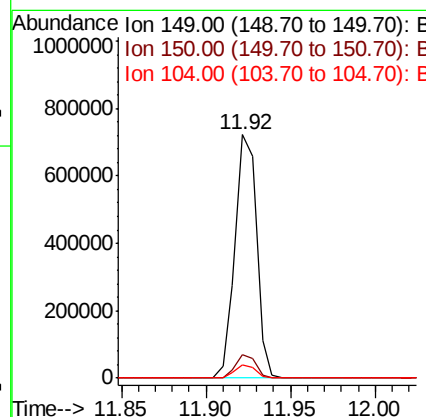
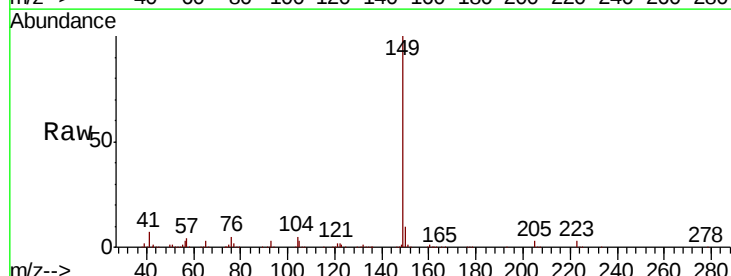
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

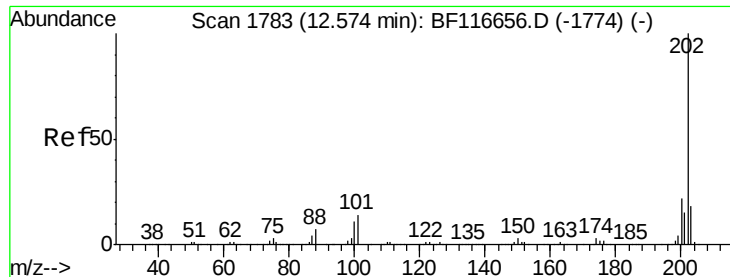
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.3	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 46.360 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.3	4.2	6.2

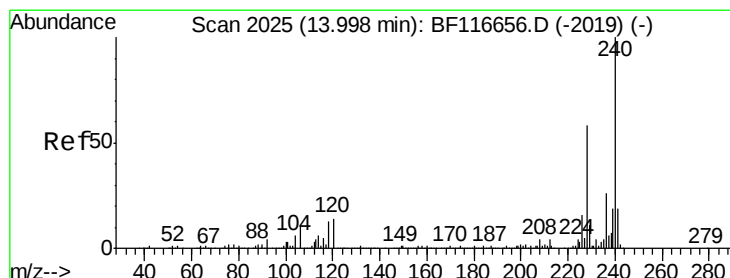
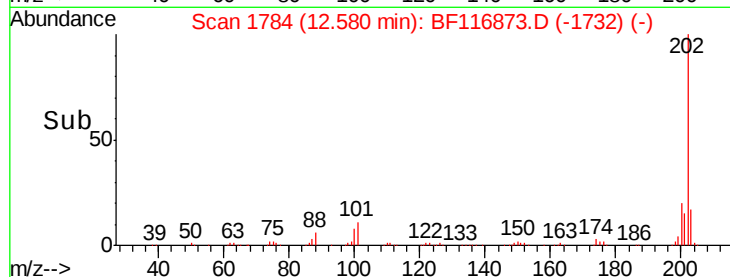
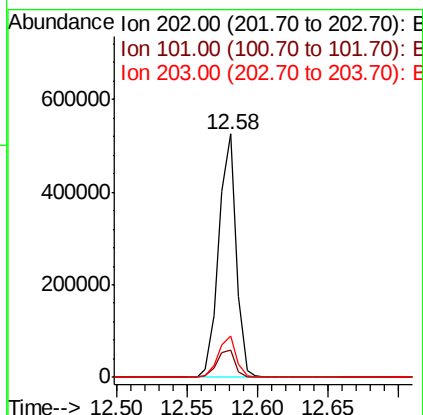
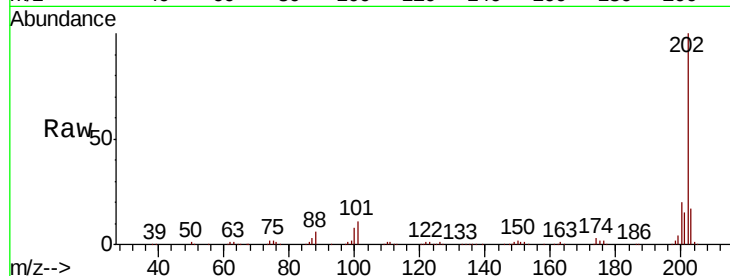




#75
 Fluoranthene
 Concen: 40.833 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

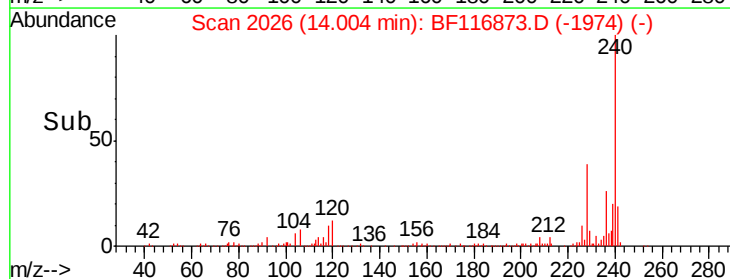
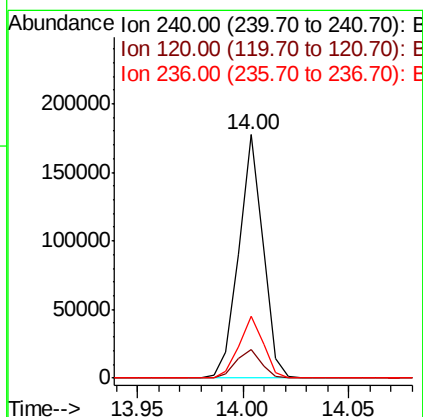
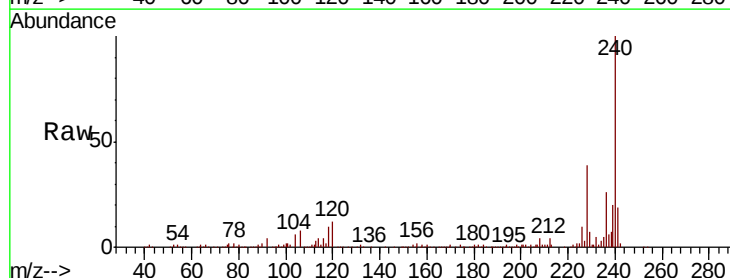
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	17.0	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116873.D
 Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.1	13.7
236	25.6	21.1	31.7





#77

Benzidine

Concen: 38.437 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

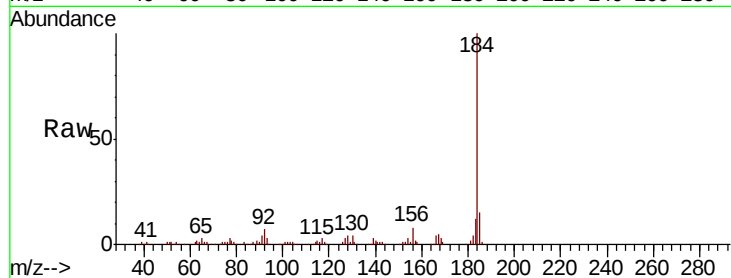
Tot Ion:184 Resp: 211490

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

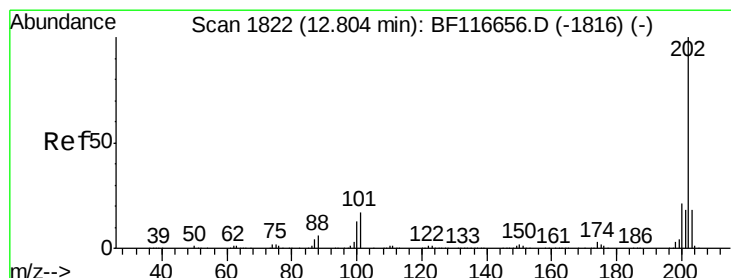
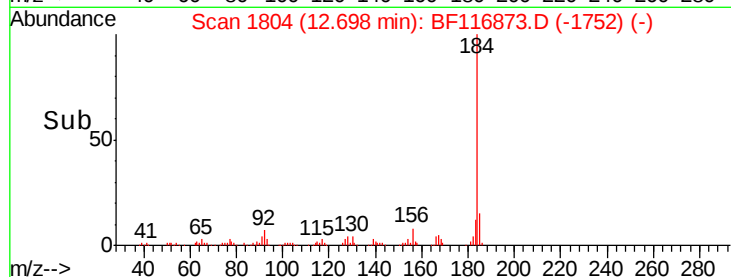
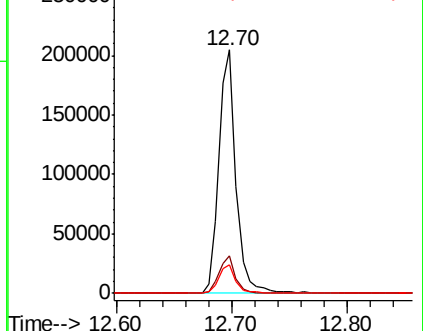
183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.594 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

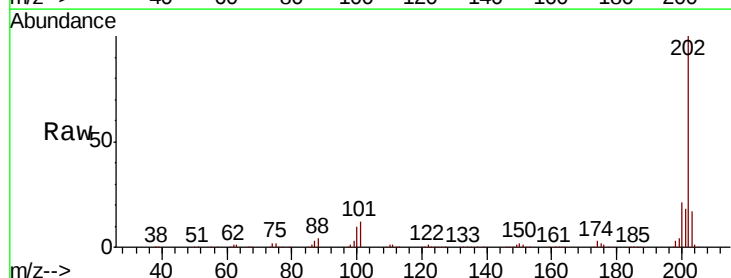
Tgt Ion:202 Resp: 456341

Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

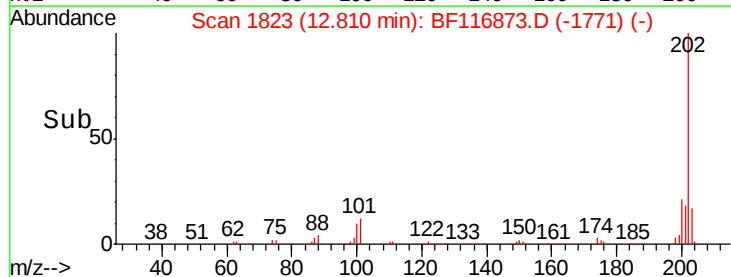
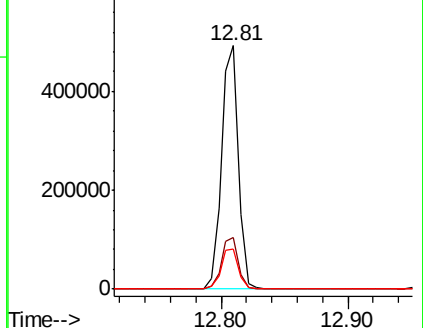
203 16.7 13.7 20.5



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: 80.688 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

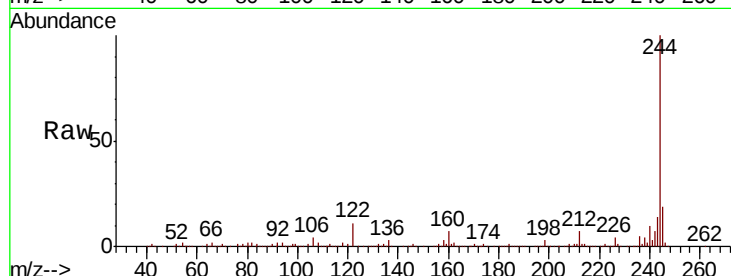
Tot Ion:244 Resp: 611868

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

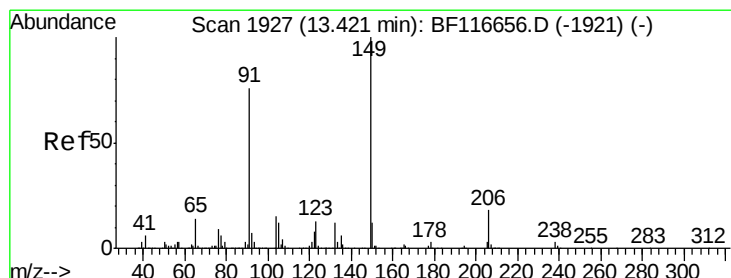
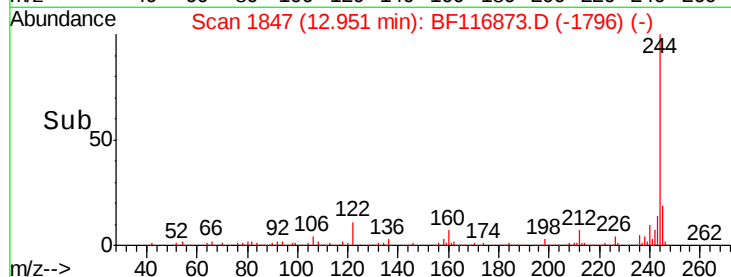
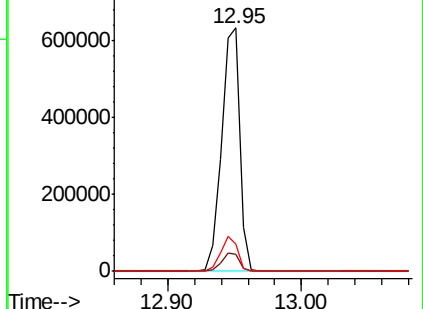
122 11.3 10.2 15.4



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: 39.357 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

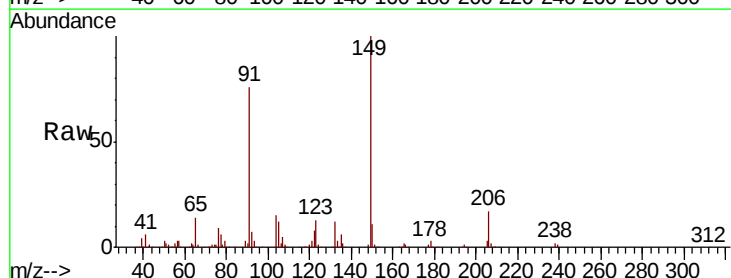
Tgt Ion:149 Resp: 238673

Ion Ratio Lower Upper

149 100

91 76.0 61.0 91.4

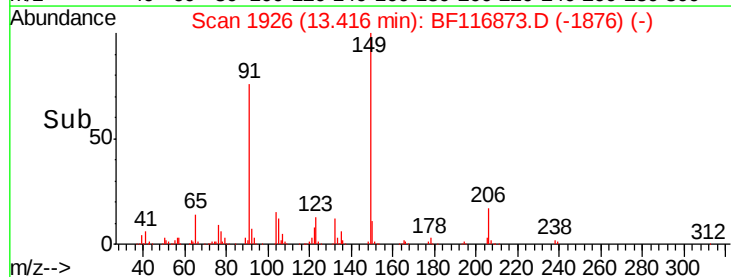
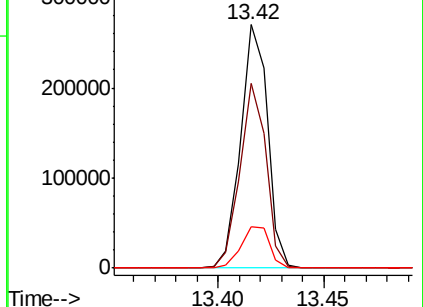
206 17.1 14.8 22.2

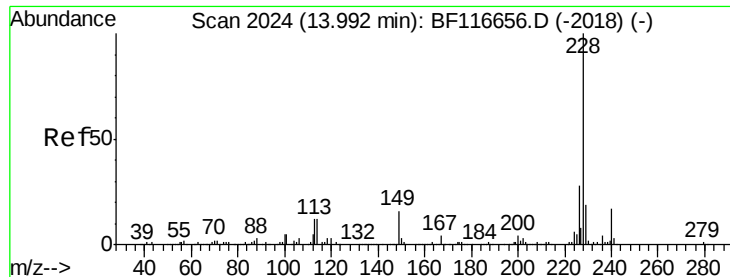


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.632 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

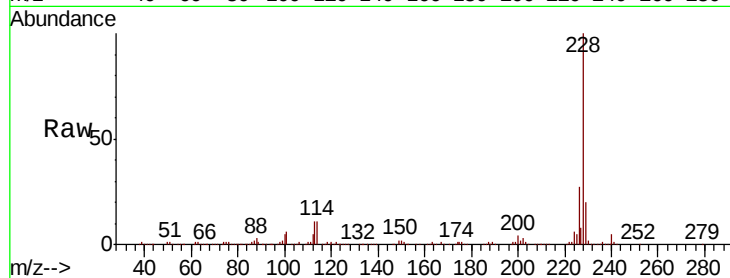
Tot Ion:228 Resp: 396267

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

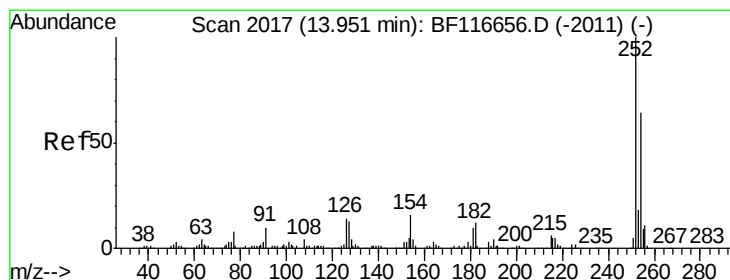
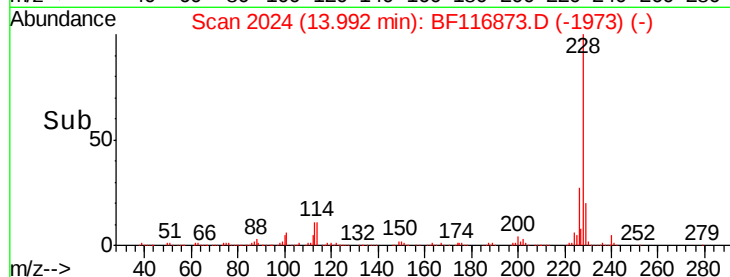
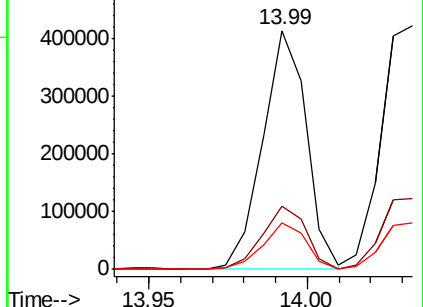
229 19.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.059 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

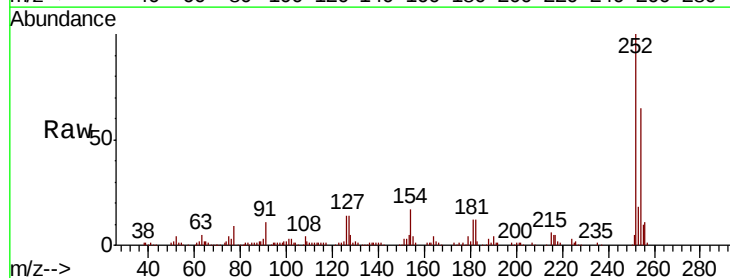
Tgt Ion:252 Resp: 138197

Ion Ratio Lower Upper

252 100

254 64.9 50.1 75.1

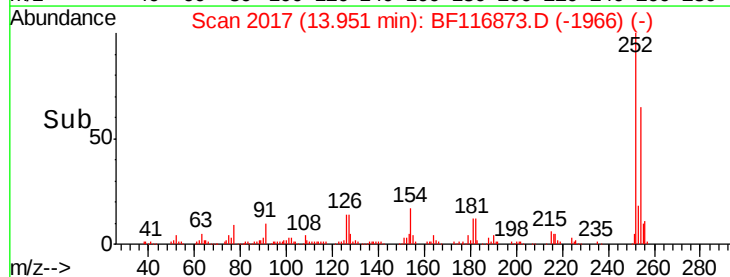
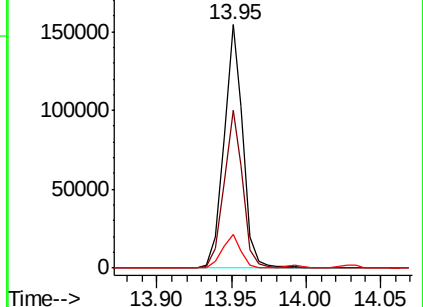
126 13.8 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.257 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

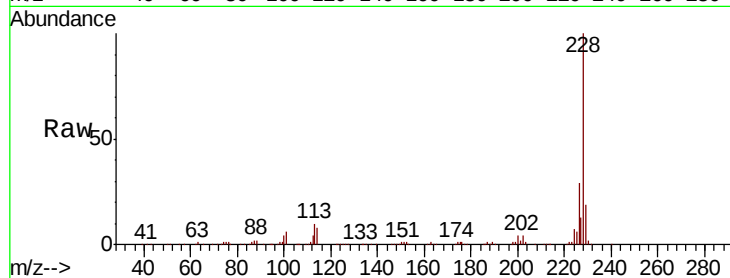
Tot Ion:228 Resp: 386529

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

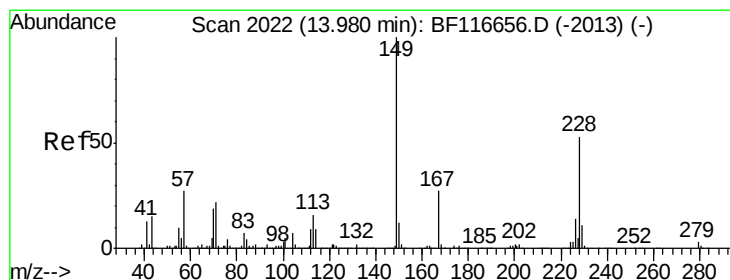
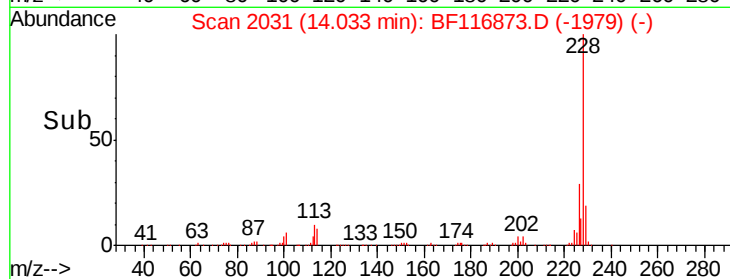
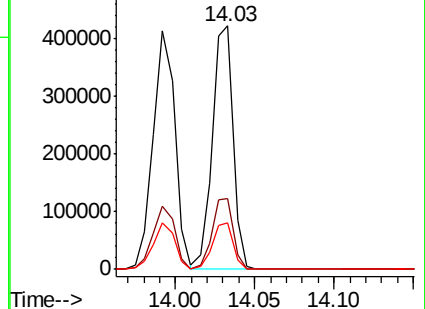
229 19.1 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.295 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

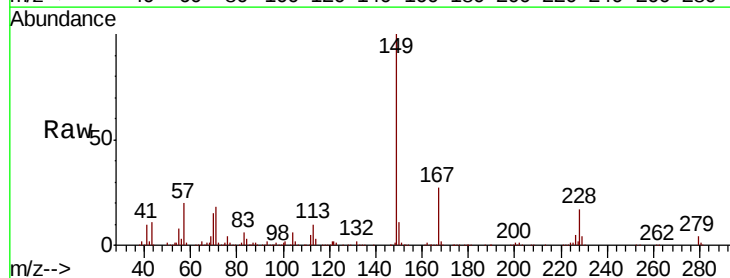
Tgt Ion:149 Resp: 331584

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

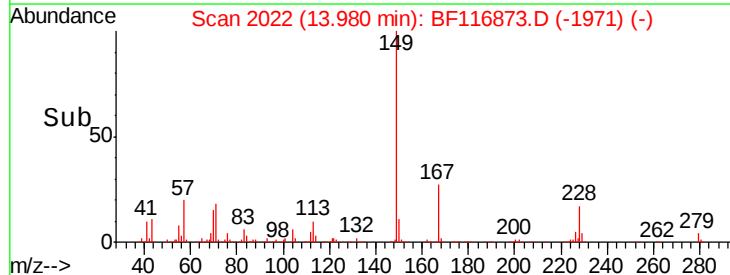
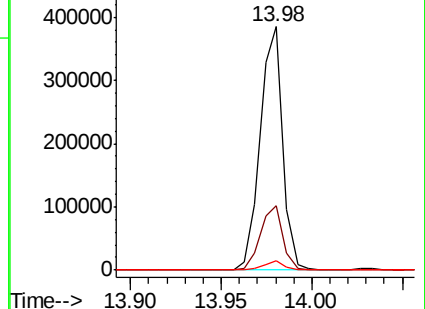
279 3.8 2.8 4.2

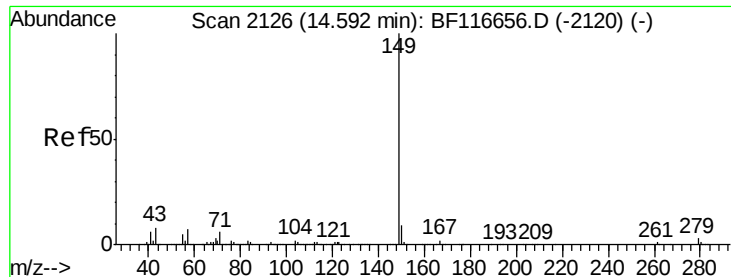


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.204 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

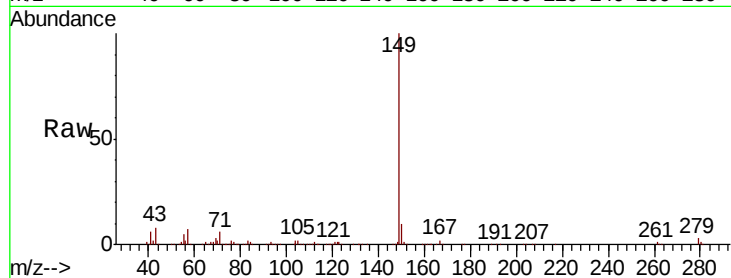
Tot Ion:149 Resp: 553763

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

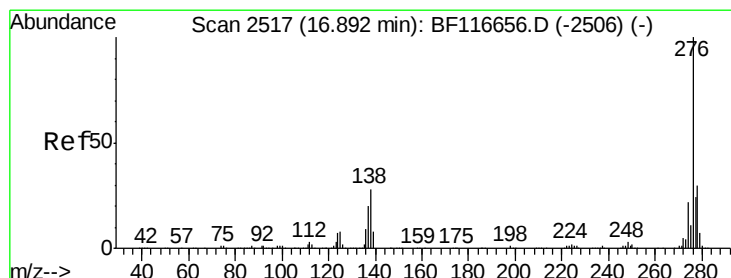
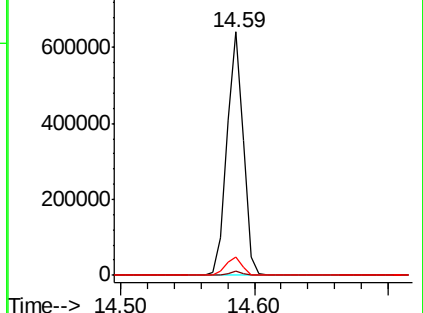
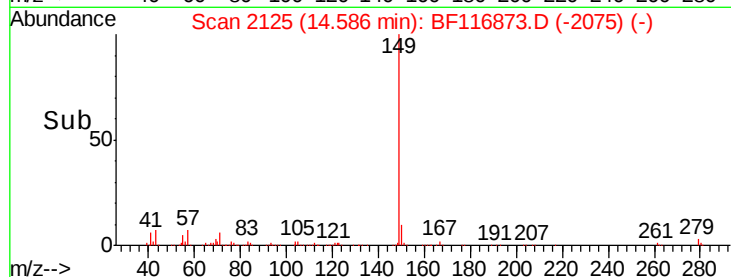
43 7.7 7.8 11.8#



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: 38.256 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.03 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

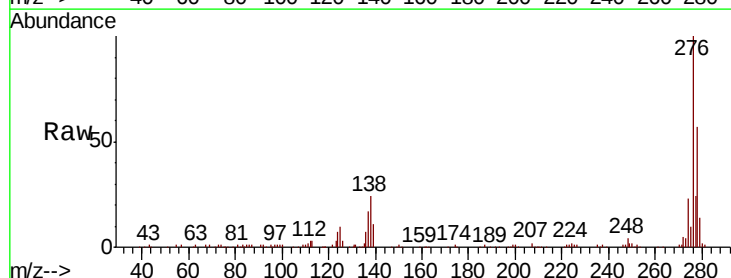
Tgt Ion:276 Resp: 281069

Ion Ratio Lower Upper

276 100

138 26.3 19.4 29.2

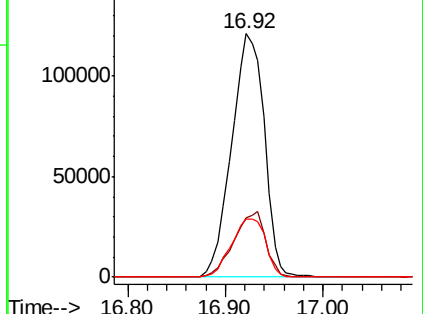
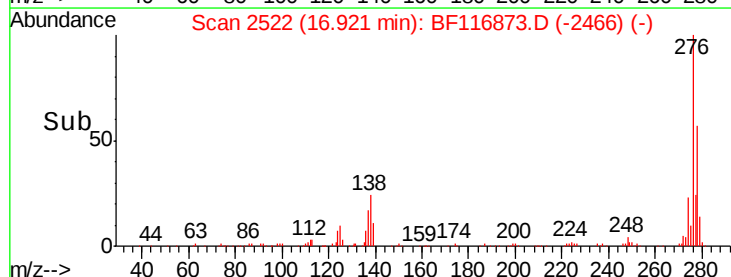
277 25.1 20.5 30.7



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: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

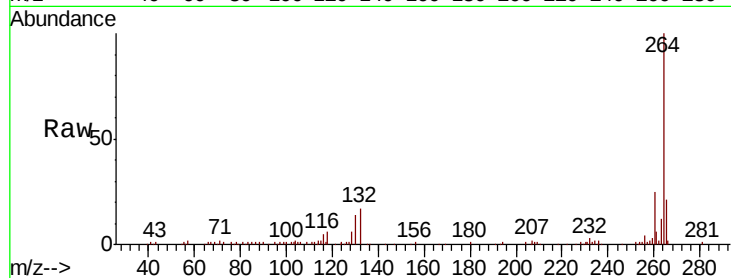
Tot Ion:264 Resp: 138916

Ion Ratio Lower Upper

264 100

260 25.0 18.3 27.5

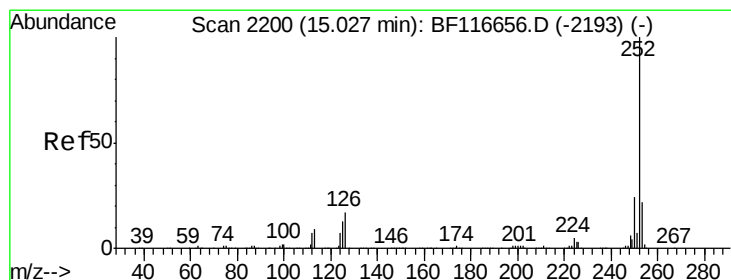
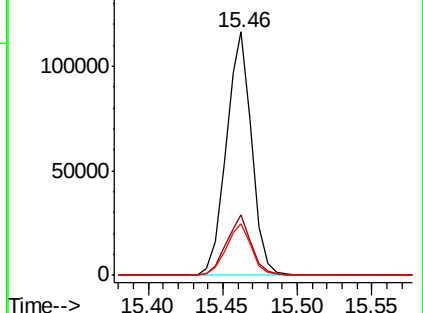
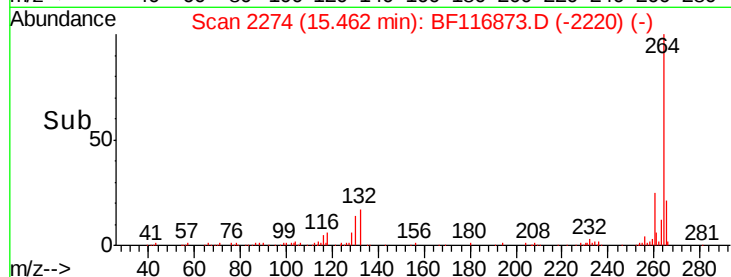
265 20.9 16.5 24.7



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: 42.192 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF116873.D

Acq: 7 Sep 2019 5:48

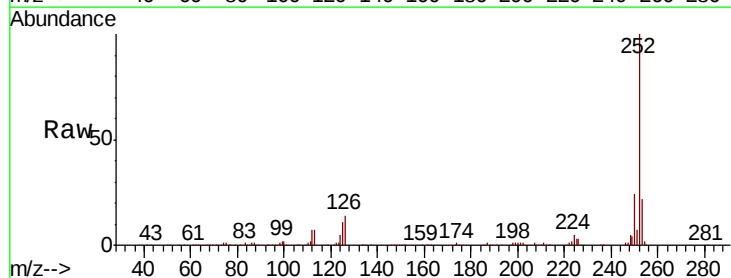
Tgt Ion:252 Resp: 354354

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

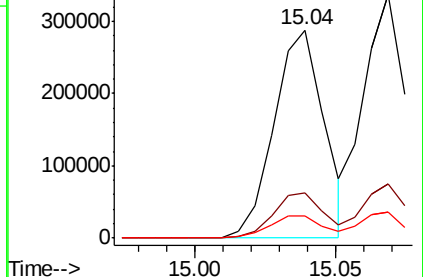
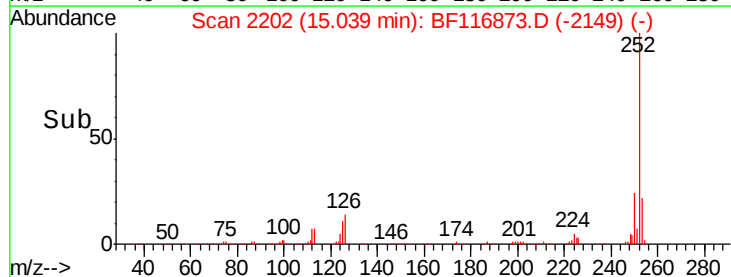
125 10.5 8.2 12.2



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

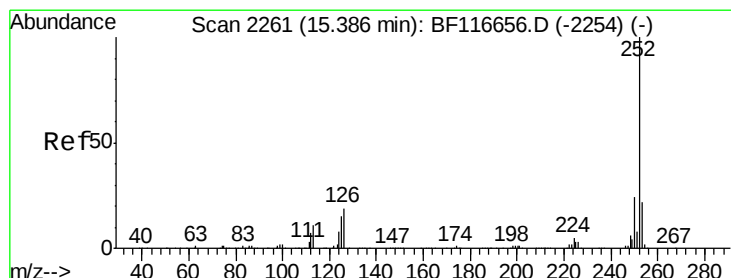
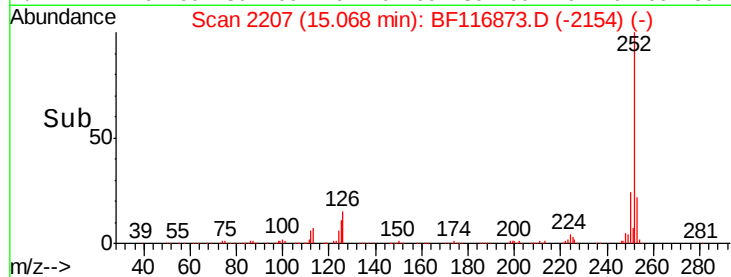
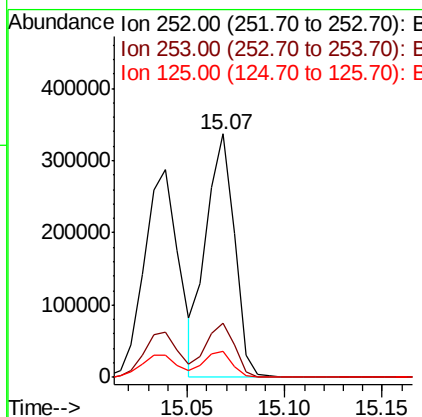
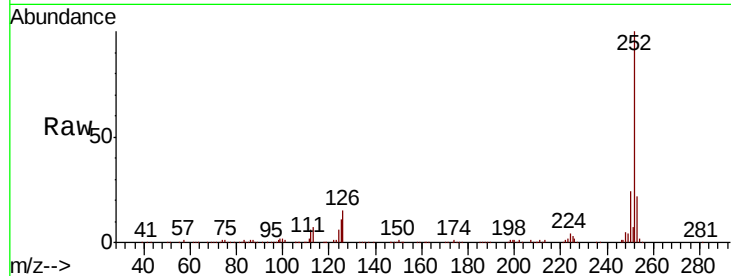




#89
Benzo(k)fluoranthene
Concen: 44.602 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

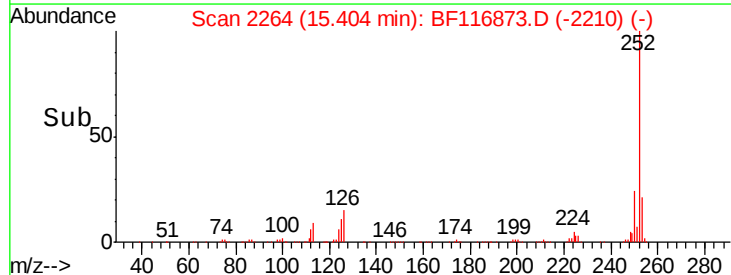
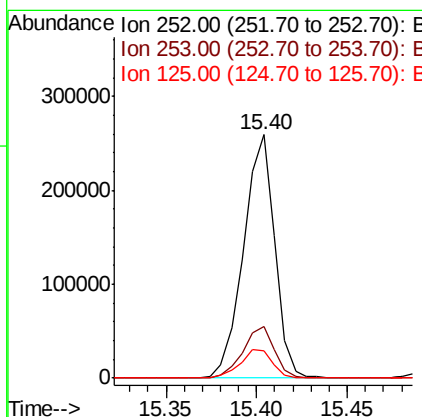
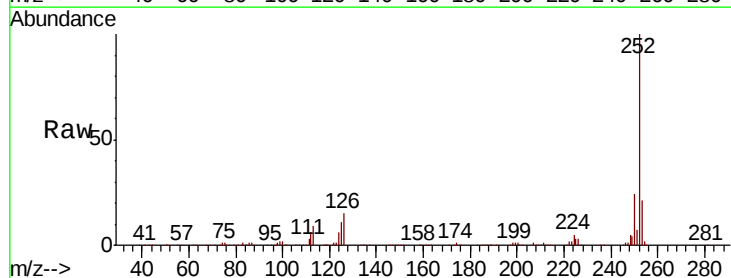
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 341546
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.509 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion:252 Resp: 310607
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 11.3 9.8 14.8

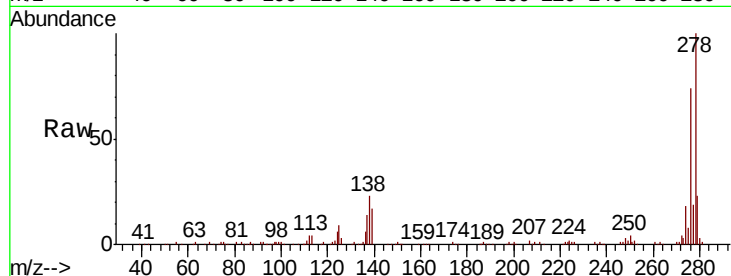




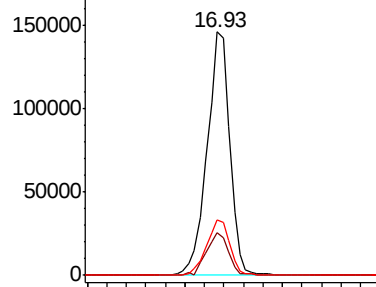
#91
Dibenzo(a,h)anthracene
Concen: 37.092 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

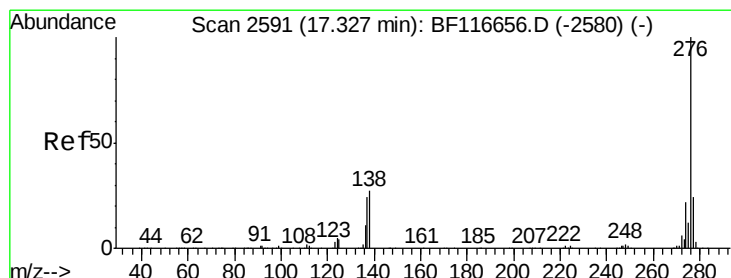
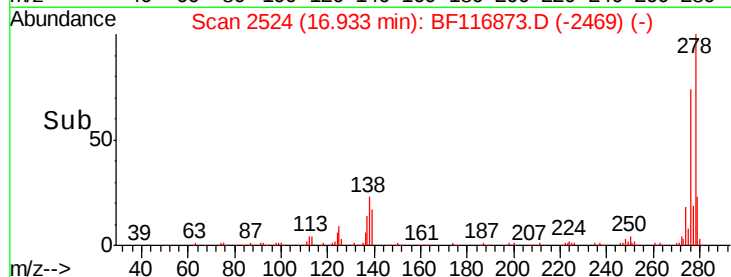
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.4	18.6
279	22.5	18.2	27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

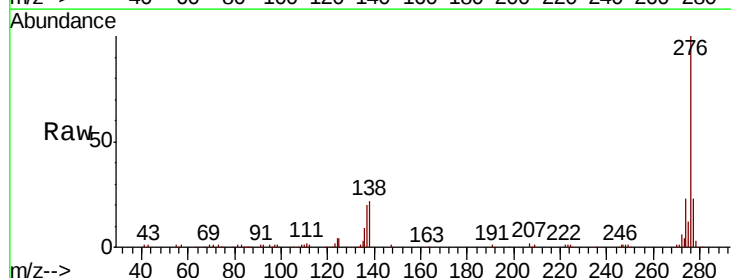


Time--> 16.80 16.90 17.00

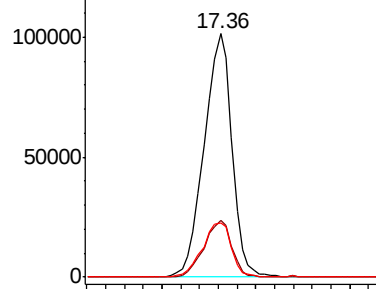


#92
Benzo(g,h,i)perylene
Concen: 32.023 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.04 min
Lab File: BF116873.D
Acq: 7 Sep 2019 5:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	22.3	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time--> 17.30 17.40 17.50

