

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115981.D
 Acq On : 5 Aug 2019 14:34
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 06 01:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132562	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	539762	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	296117	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	522119	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	388451	20.00	ng	-0.02
87) Perylene-d12	15.47	264	343071	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	635793	80.29	ng	0.00
7) Phenol-d6	6.48	99	852110	85.29	ng	0.00
23) Nitrobenzene-d5	7.41	82	786538	84.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	246468	85.85	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1362184	86.16	ng	-0.01
79) Terphenyl-d14	12.95	244	1563221	84.80	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	129679	32.417	ng	100
3) Pyridine	3.35	79	314058	28.104	ng	99
4) n-Nitrosodimethylamine	3.29	42	89932	20.393	ng	# 100
6) Aniline	6.51	93	574405	40.146	ng	100
8) 2-Chlorophenol	6.63	128	373559	42.661	ng	99
9) Benzaldehyde	6.39	77	254925	36.981	ng	95
10) Phenol	6.49	94	494182	42.004	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	370187	42.797	ng	98
12) 1,3-Dichlorobenzene	6.79	146	421910	41.692	ng	98
13) 1,4-Dichlorobenzene	6.86	146	426863	42.128	ng	99
14) 1,2-Dichlorobenzene	7.02	146	395095	42.347	ng	99
15) Benzyl Alcohol	6.99	79	330750	43.624	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	504802	42.786	ng	97
17) 2-Methylphenol	7.10	107	318389	42.942	ng	99
18) Hexachloroethane	7.36	117	159849	42.849	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	265674	42.913	ng	97
20) 3+4-Methylphenols	7.25	107	379137	43.211	ng	# 85
22) Acetophenone	7.26	105	509249	43.019	ng	# 98
24) Nitrobenzene	7.43	77	423682	41.962	ng	97
25) Isophorone	7.67	82	762482	42.644	ng	99
26) 2-Nitrophenol	7.75	139	209245	43.964	ng	98
27) 2,4-Dimethylphenol	7.78	122	300453	41.960	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	476046	42.955	ng	99
29) 2,4-Dichlorophenol	7.99	162	326821	43.227	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	363065	42.127	ng	99
31) Naphthalene	8.15	128	1100048	43.309	ng	100
32) Benzoic acid	7.92	122	221796	43.934	ng	98
33) 4-Chloroaniline	8.20	127	477846	42.105	ng	99
34) Hexachlorobutadiene	8.27	225	212242	42.755	ng	99
35) Caprolactam	8.57	113	101699	41.590	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	342798	43.583	ng	96
37) 2-Methylnaphthalene	8.84	142	734589	43.913	ng	100
38) 1-Methylnaphthalene	8.94	142	700937	44.292	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	337050	42.576	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	101017	32.242	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	220046	40.383	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232470	41.272	ng	97
46) 1,1'-Biphenyl	9.30	154	887489	42.452	ng	99
47) 2-Chloronaphthalene	9.33	162	723266	41.568	ng	98
48) 2-Nitroaniline	9.43	65	237178	41.239	ng	98
49) Acenaphthylene	9.75	152	1100478	43.352	ng	99
50) Dimethylphthalate	9.60	163	855573	42.434	ng	100
51) 2,6-Dinitrotoluene	9.67	165	187639	42.824	ng	98
52) Acenaphthene	9.92	154	652981	41.930	ng	100
53) 3-Nitroaniline	9.84	138	216803	40.045	ng	95
54) 2,4-Dinitrophenol	9.95	184	79278	39.912	ng	94
55) Dibenzofuran	10.09	168	976073	43.099	ng	98
56) 4-Nitrophenol	10.00	139	135652	39.113	ng	99
57) 2,4-Dinitrotoluene	10.07	165	248502	42.597	ng	98
58) Fluorene	10.43	166	754381	43.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	196361	41.437	ng	98
60) Diethylphthalate	10.30	149	818060	43.458	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	387752	43.940	ng	97
62) 4-Nitroaniline	10.45	138	225367	40.279	ng	98
63) Azobenzene	10.58	77	843193	43.550	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	125367	45.310	ng	96
66) n-Nitrosodiphenylamine	10.54	169	673648	42.866	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	242448	43.377	ng	93
68) Hexachlorobenzene	10.99	284	275053	42.557	ng	95
69) Atrazine	11.06	200	172266	33.320	ng	99
70) Pentachlorophenol	11.18	266	119782	38.174	ng	99
71) Phenanthrene	11.39	178	1132050	42.412	ng	99
72) Anthracene	11.45	178	1157787	42.860	ng	99
73) Carbazole	11.60	167	1044850	42.633	ng	99
74) Di-n-butylphthalate	11.92	149	1337005	46.766	ng	100
75) Fluoranthene	12.58	202	1208549	43.249	ng	98
77) Benzidine	12.70	184	514681	39.218	ng	97
78) Pyrene	12.81	202	1231612	42.060	ng	99
80) Butylbenzylphthalate	13.42	149	555465	44.845	ng	99
81) Benzo(a)anthracene	14.00	228	1068836	43.049	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	367415	42.595	ng	99
83) Chrysene	14.03	228	1009459	41.878	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	770216	47.851	ng	99
85) Di-n-octyl phthalate	14.59	149	1173276	45.891	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	808143	39.918	ng	99
88) Benzo(b)fluoranthene	15.04	252	871377	43.927	ng	98
89) Benzo(k)fluoranthene	15.07	252	861116	44.568	ng	99
90) Benzo(a)pyrene	15.41	252	780963	44.041	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	667926	43.515	ng	100
92) Benzo(g,h,i)perylene	17.38	276	634509	42.091	ng	99

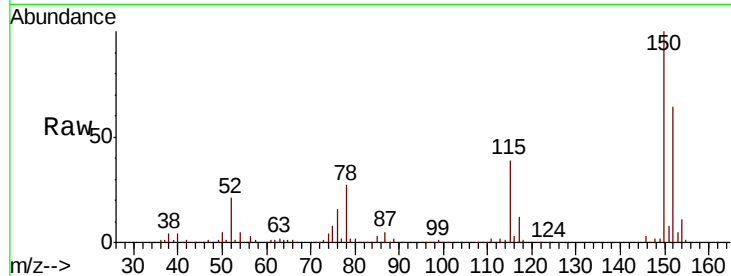
(#) = qualifier out of range (m) = manual integration (+) = signals summed



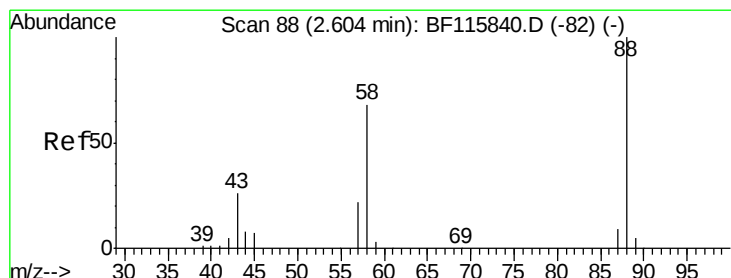
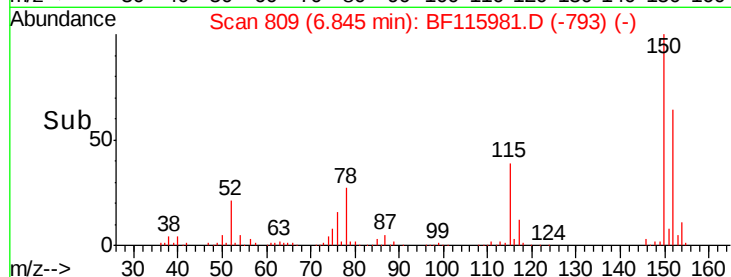
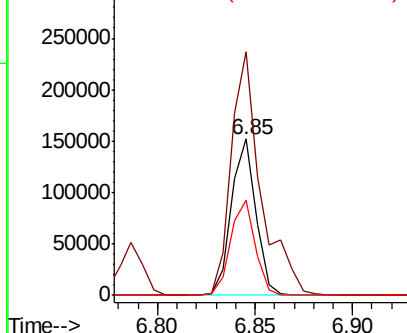
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 152 Resp: 132562
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.0
 115 61.0 51.8 77.8

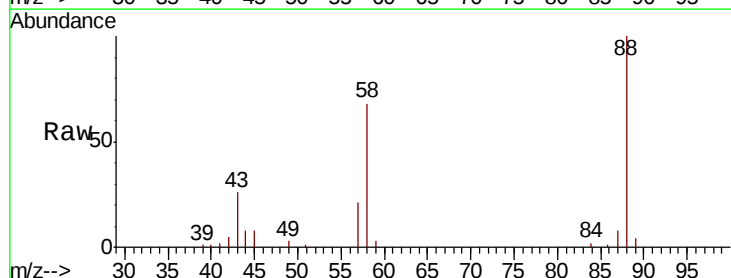


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

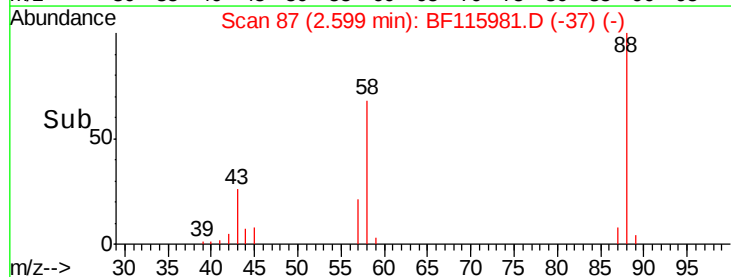
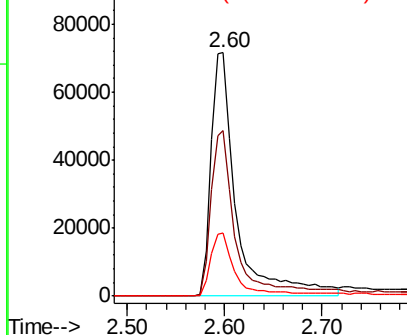


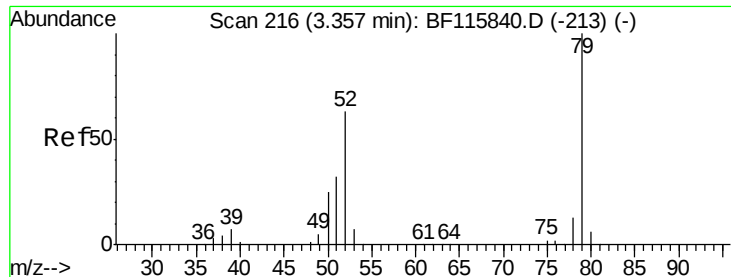
#2
 1,4-Dioxane
 Concen: 32.417 ng
 RT: 2.60 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion: 88 Resp: 129679
 Ion Ratio Lower Upper
 88 100
 58 67.9 54.1 81.1
 43 25.7 20.7 31.1



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





#3

Pyridine

Concen: 28.104 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

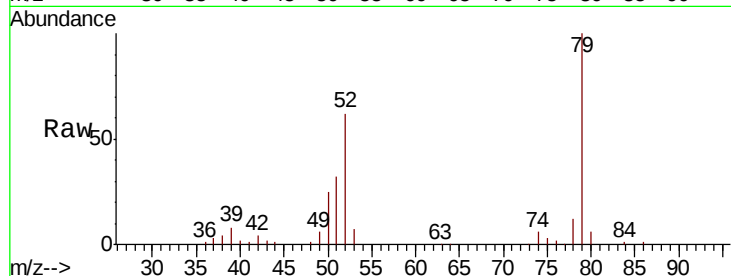
Tgt Ion: 79 Resp: 314058

Ion Ratio Lower Upper

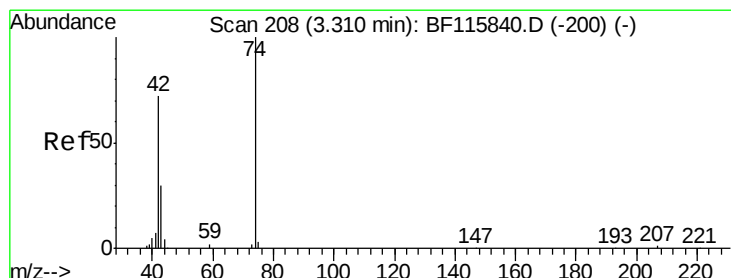
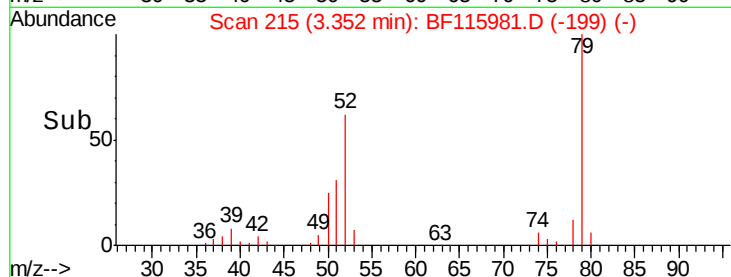
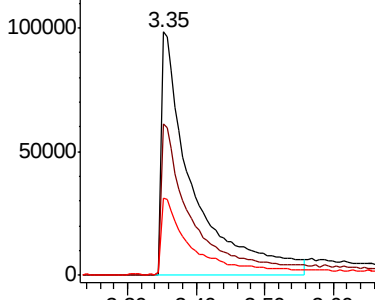
79 100

52 62.1 50.2 75.4

51 31.7 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 20.393 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

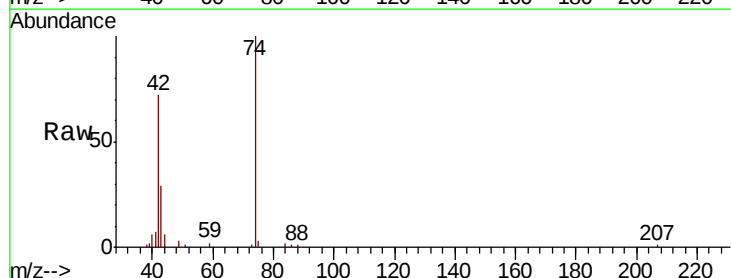
Tgt Ion: 42 Resp: 89932

Ion Ratio Lower Upper

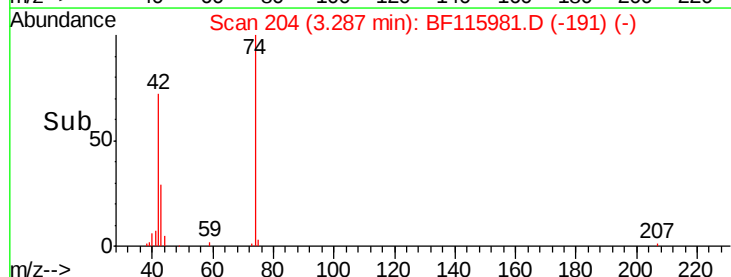
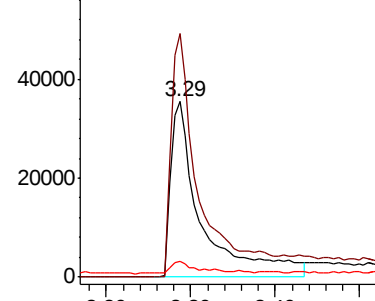
42 100

74 138.8 111.0 166.4

44 8.8 4.7 7.1#



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





#5

2-Fluorophenol

Concen: 80.291 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

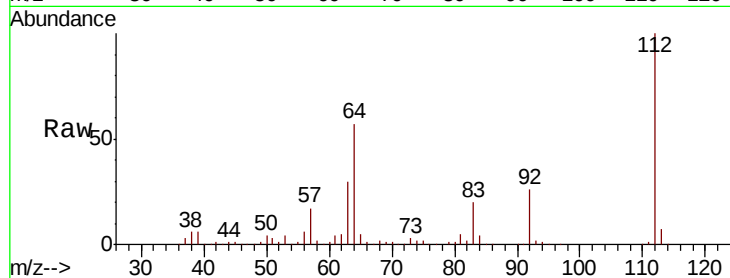
Tgt Ion: 112 Resp: 635793

Ion Ratio Lower Upper

112 100

64 57.3 46.8 70.2

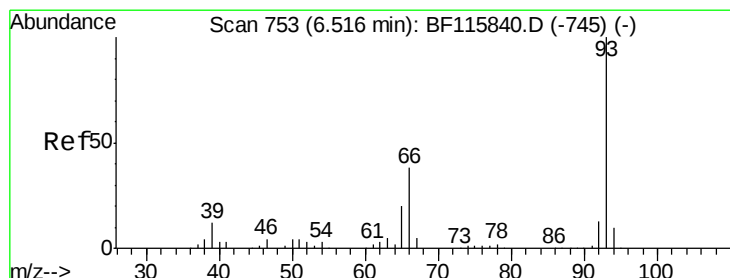
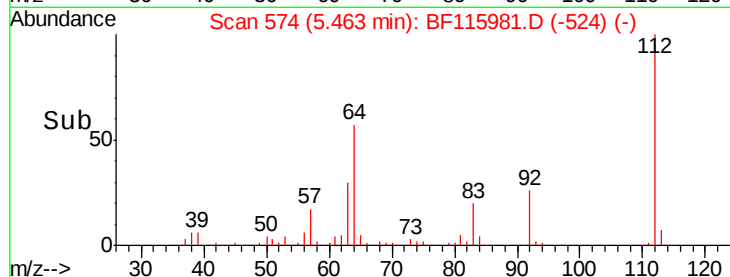
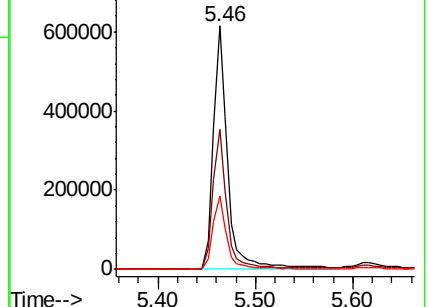
63 30.1 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.146 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

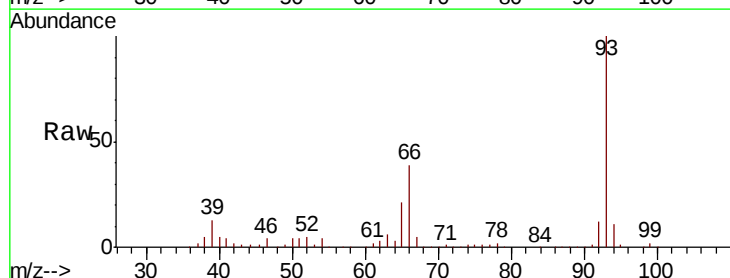
Tgt Ion: 93 Resp: 574405

Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

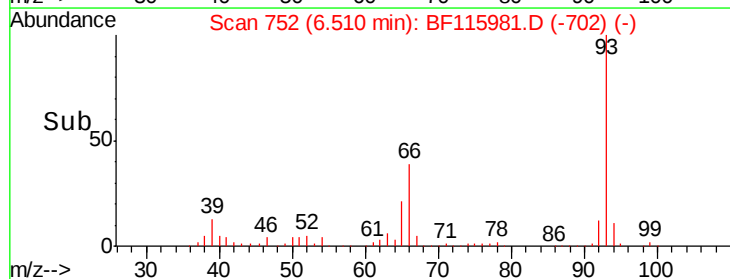
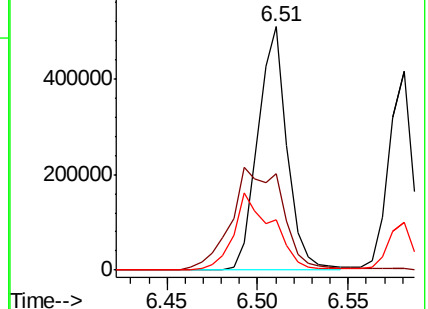
65 20.6 16.5 24.7



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: 85.290 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

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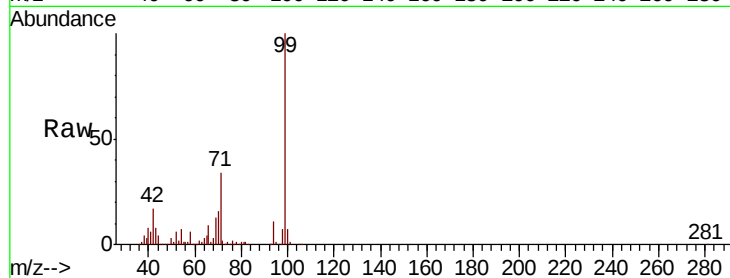
Tgt Ion: 99 Resp: 852110

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

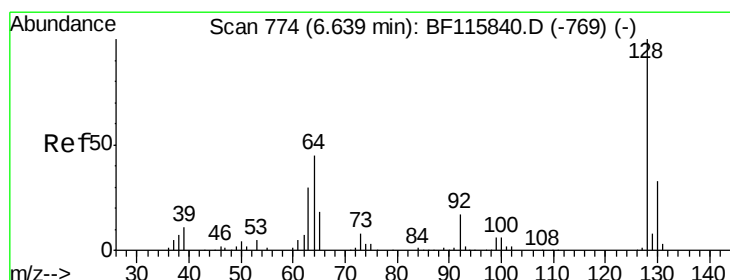
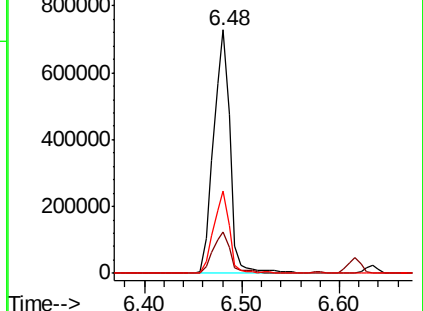
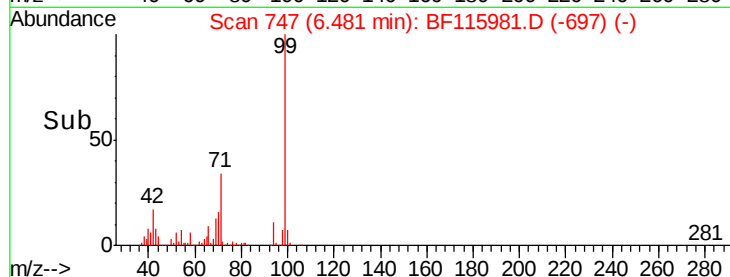
71 33.9 27.1 40.7



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: 42.661 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

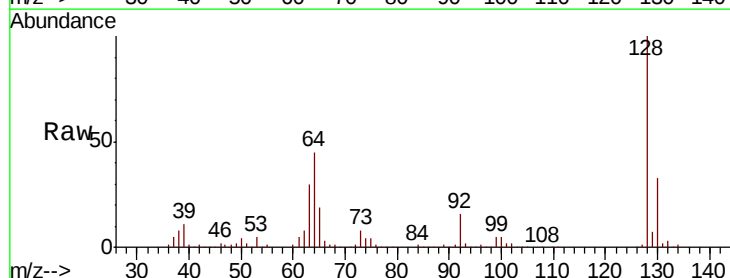
Tgt Ion: 128 Resp: 373559

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

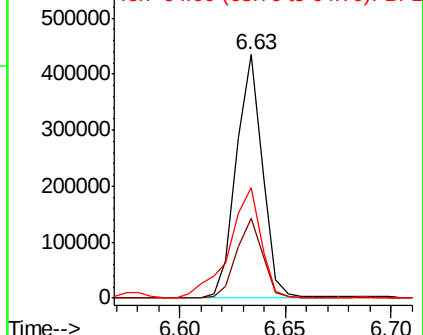
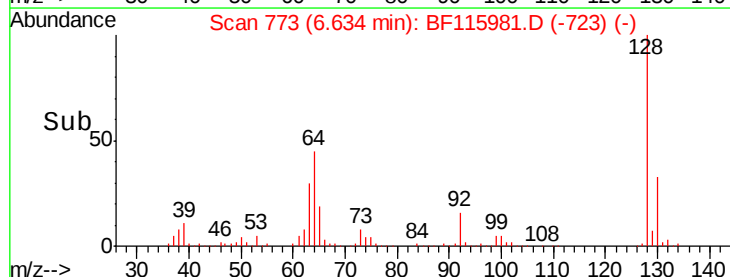
64 45.4 26.1 66.1

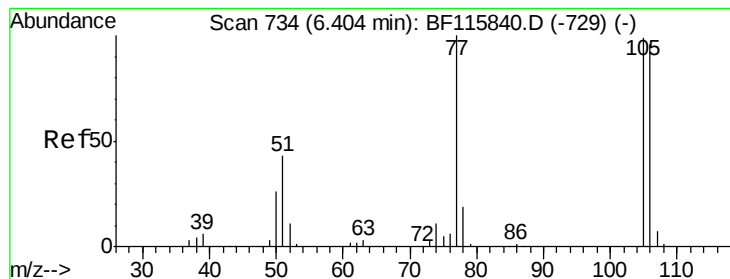


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.981 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

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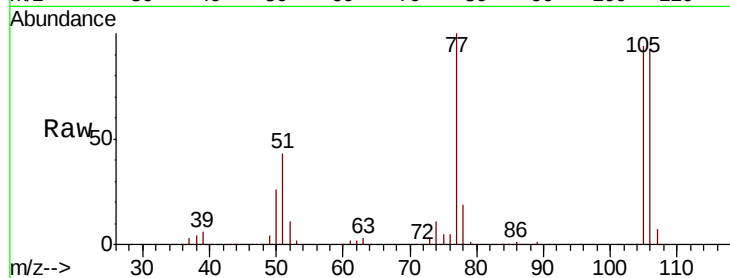
Tgt Ion: 77 Resp: 254925

Ion Ratio Lower Upper

77 100

105 93.6 79.0 119.0

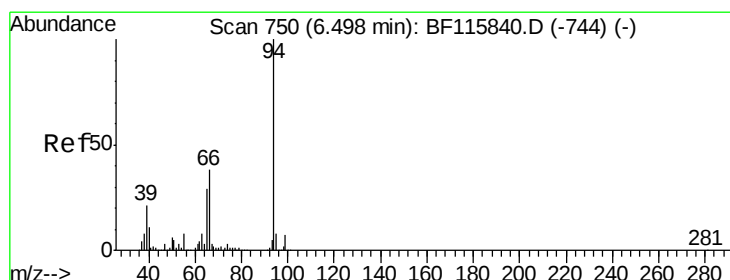
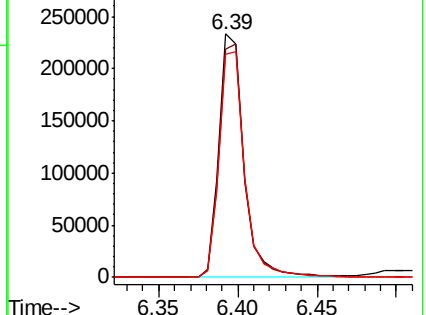
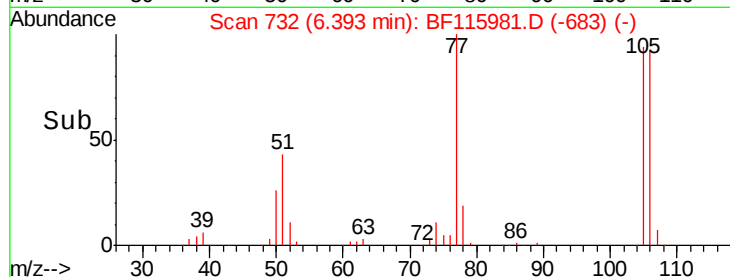
106 91.6 76.2 116.2



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: 42.004 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

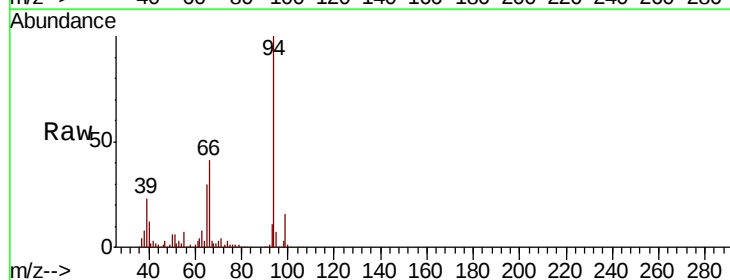
Tgt Ion: 94 Resp: 494182

Ion Ratio Lower Upper

94 100

65 30.4 8.9 48.9

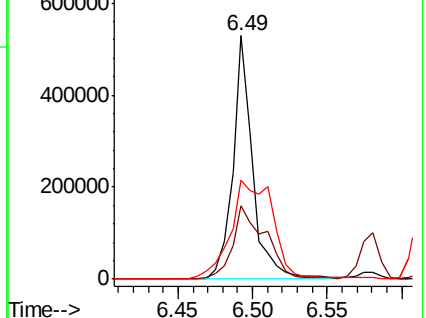
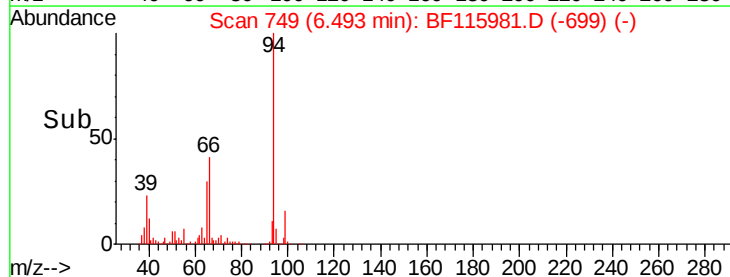
66 40.8 18.0 58.0



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

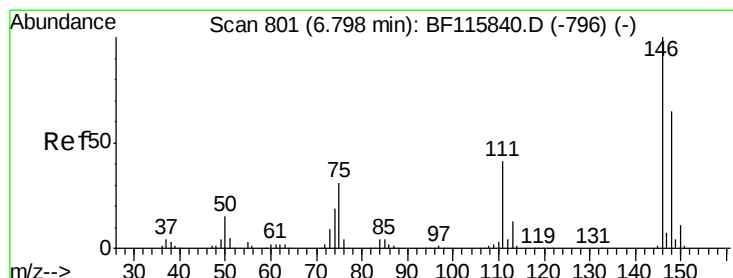
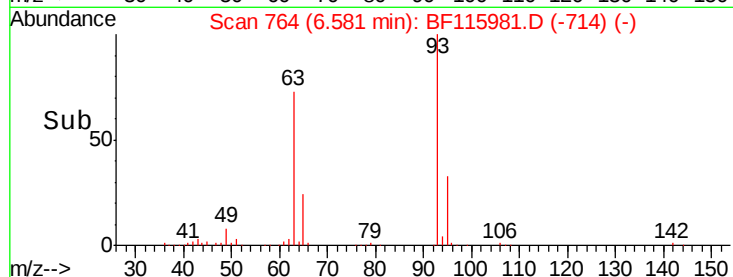
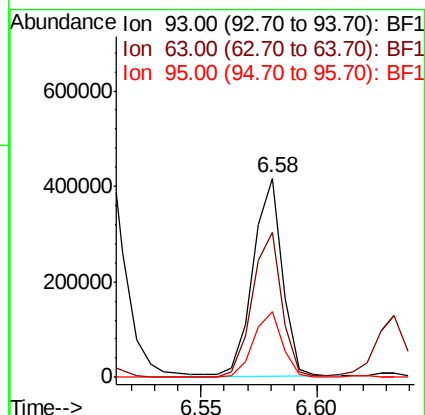
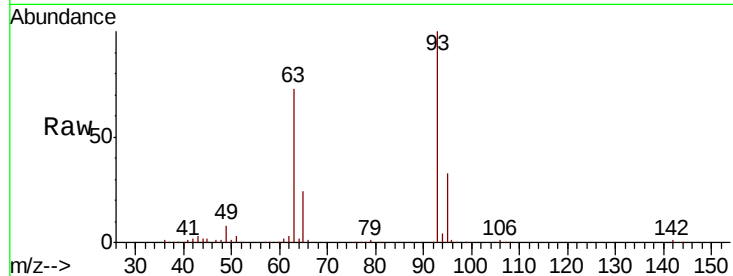




#11
 bis(2-Chloroethyl)ether
 Concen: 42.797 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

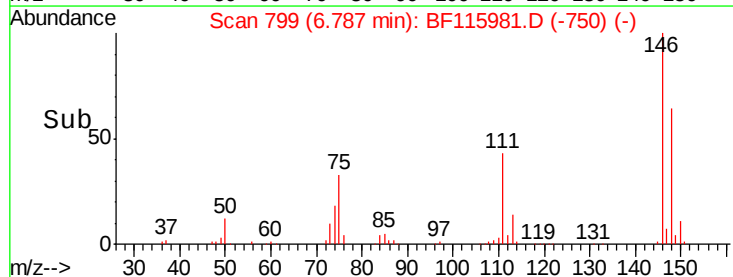
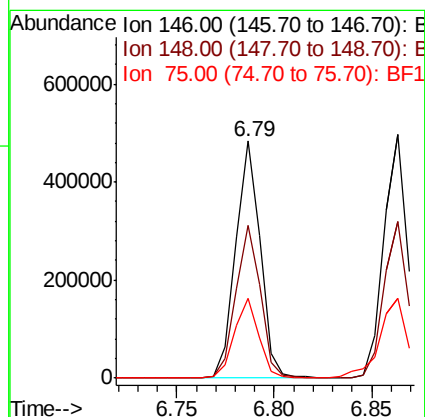
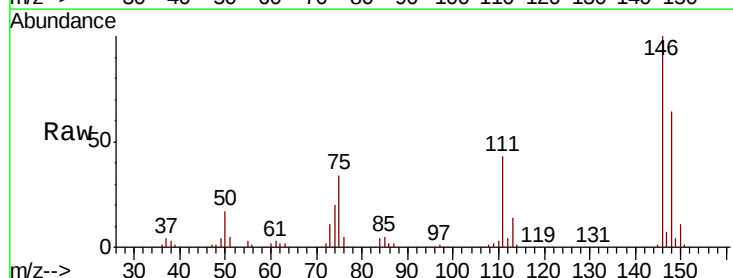
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

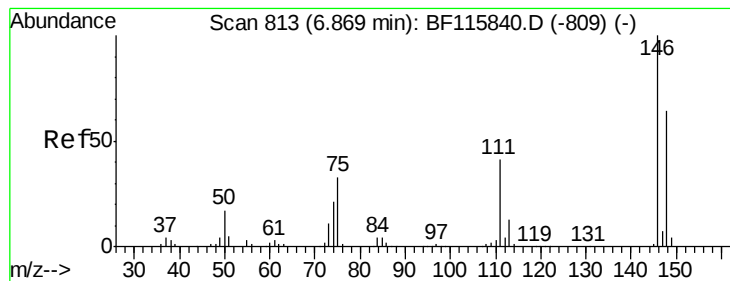
Tgt Ion: 93 Resp: 370187
 Ion Ratio Lower Upper
 93 100
 63 72.8 54.9 94.9
 95 33.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.692 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion: 146 Resp: 421910
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 75 33.8 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 42.128 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

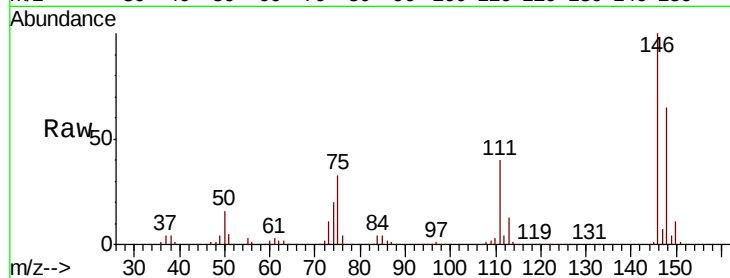
Tgt Ion:146 Resp: 426863

Ion Ratio Lower Upper

146 100

148 64.5 51.2 76.8

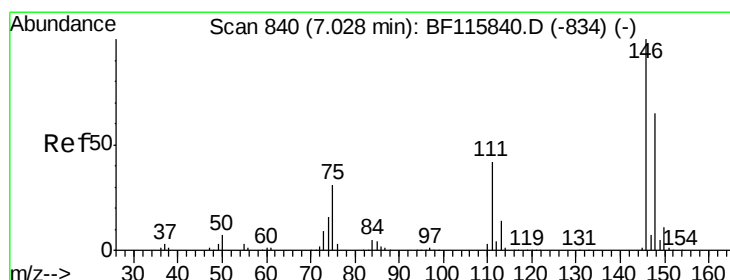
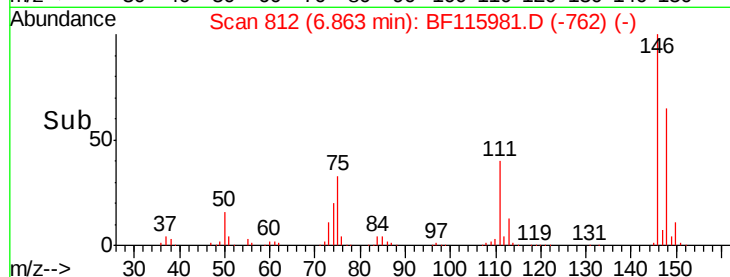
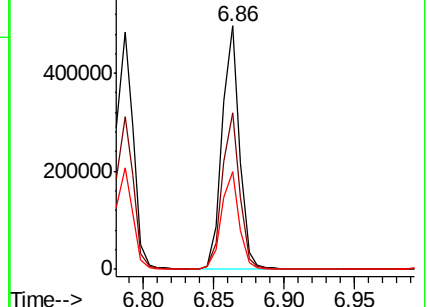
111 39.9 33.2 49.8



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: 42.347 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

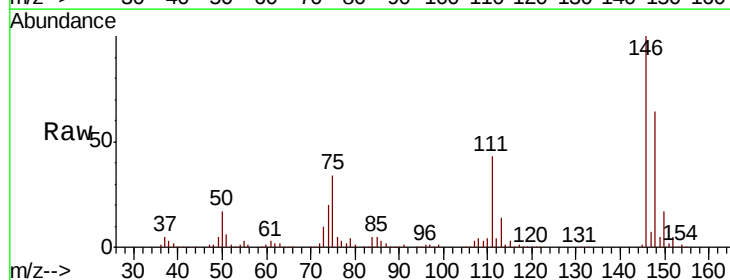
Tgt Ion:146 Resp: 395095

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

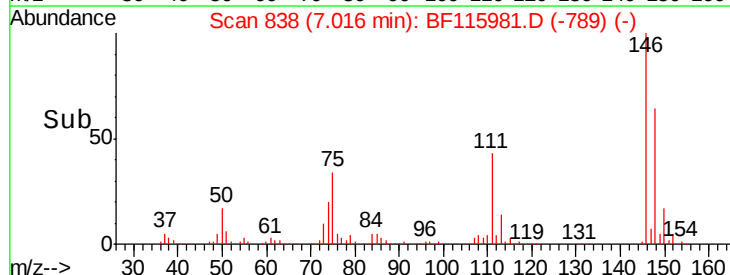
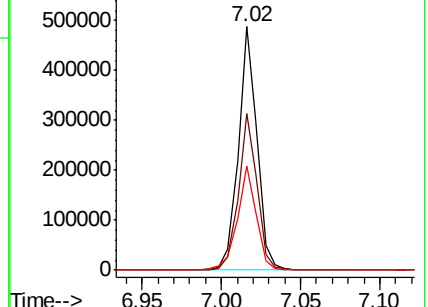
111 42.9 33.6 50.4

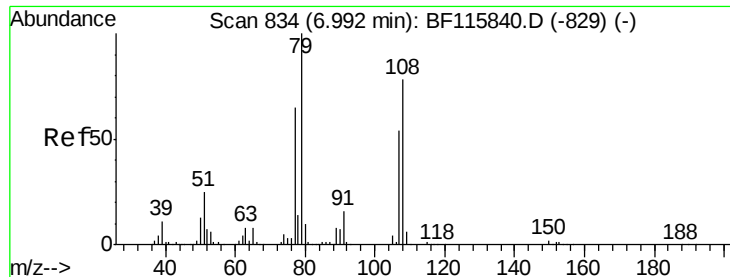


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.624 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

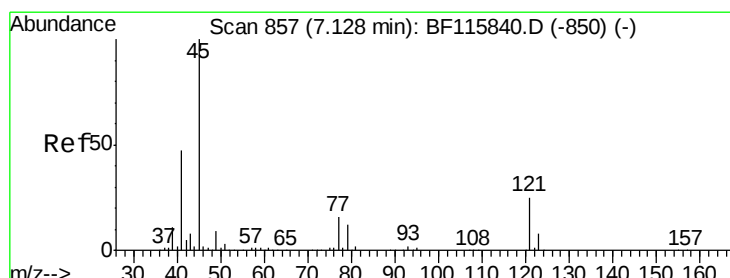
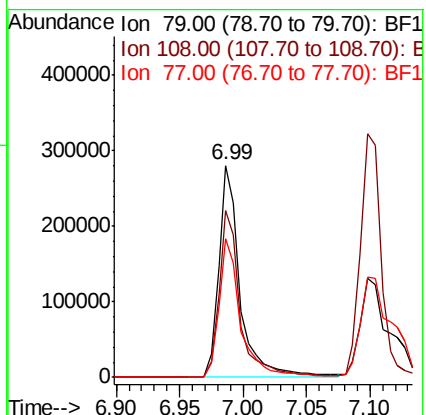
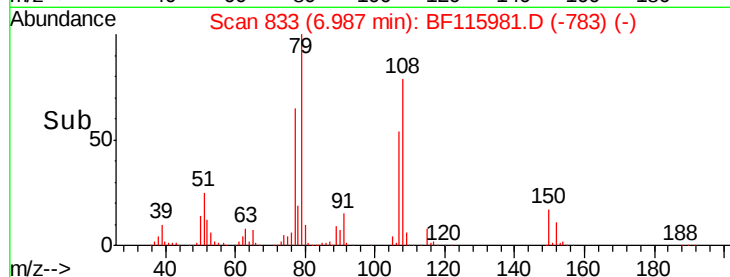
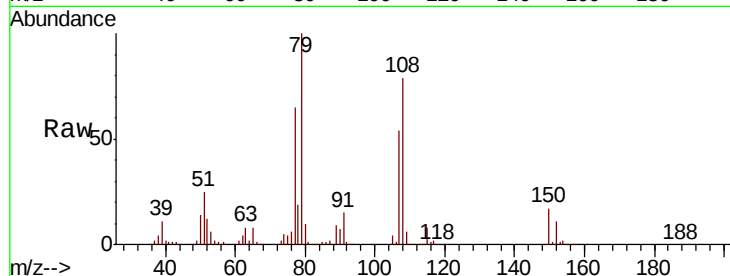
Tgt Ion: 79 Resp: 330750

Ion Ratio Lower Upper

79 100

108 78.9 62.8 94.2

77 65.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.786 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

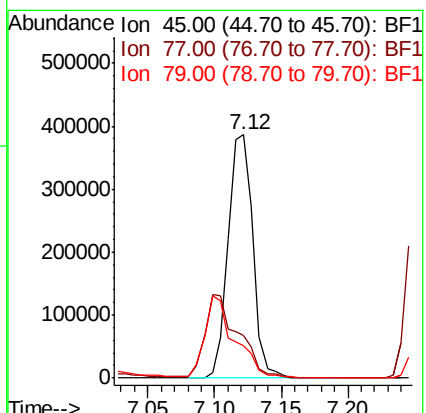
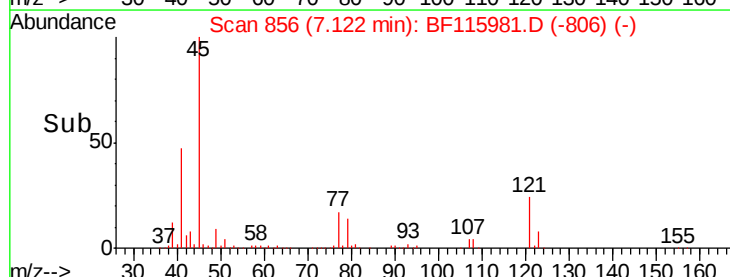
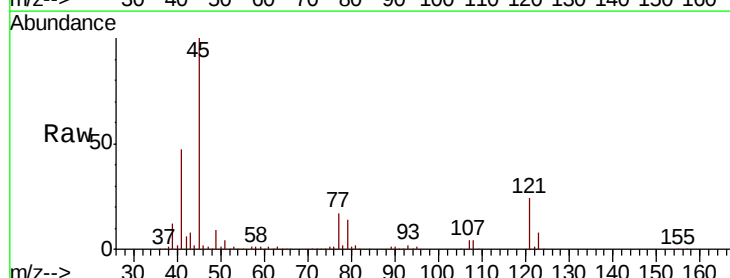
Tgt Ion: 45 Resp: 504802

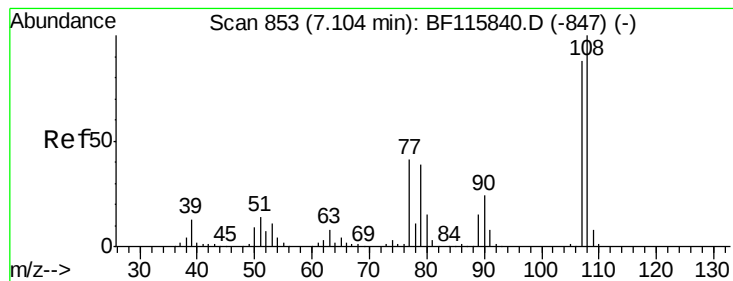
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.3

79 13.6 0.0 32.5





#17

2-Methylphenol

Concen: 42.942 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 318389

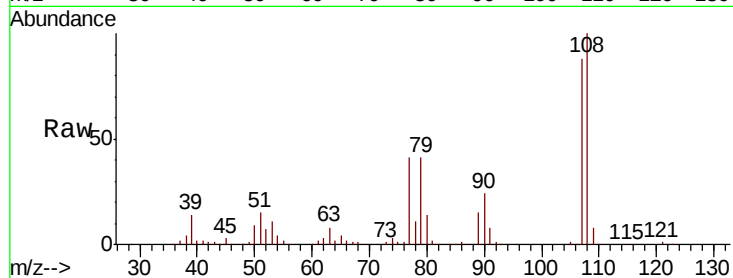
Ion Ratio Lower Upper

107 100

108 113.8 91.4 137.0

77 47.1 37.6 56.4

79 46.2 36.2 54.4

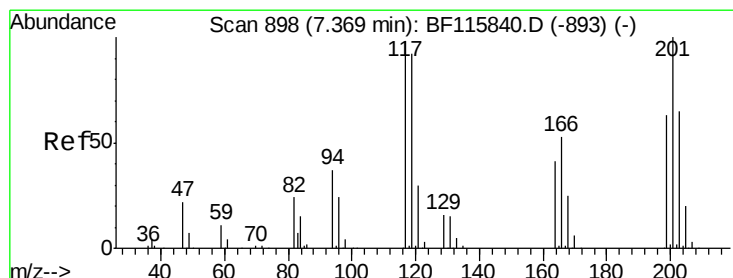
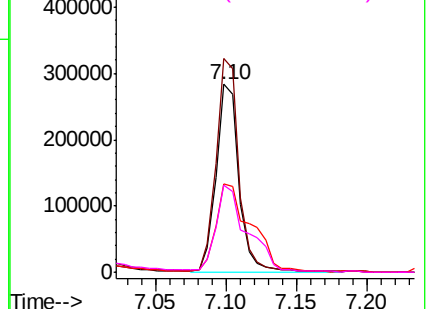
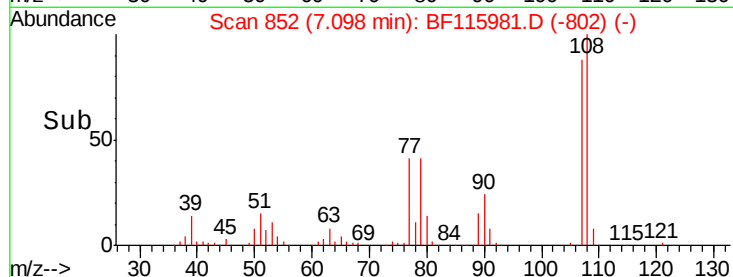


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.849 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

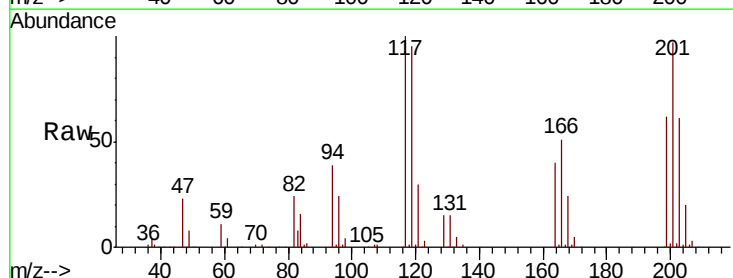
Tgt Ion:117 Resp: 159849

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

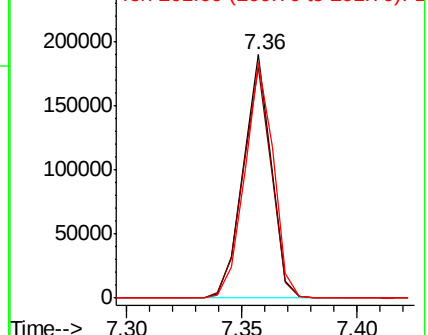
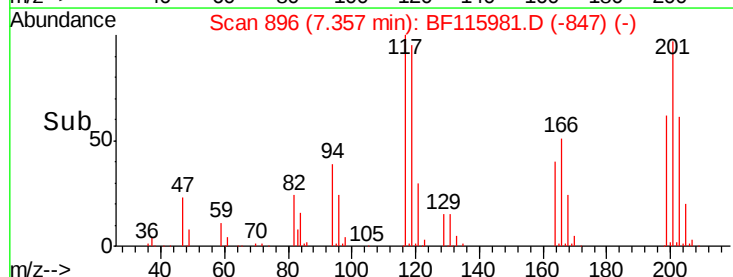
201 96.9 82.0 123.0

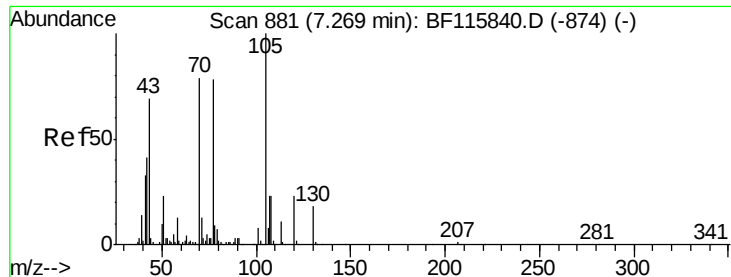


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

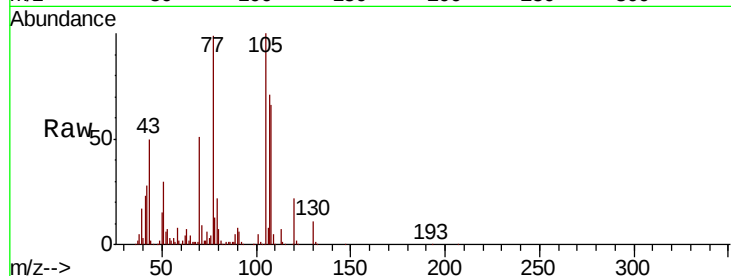




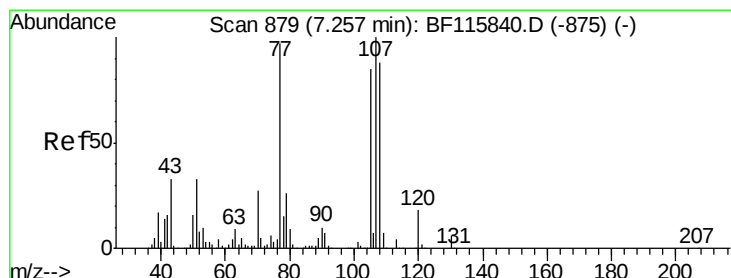
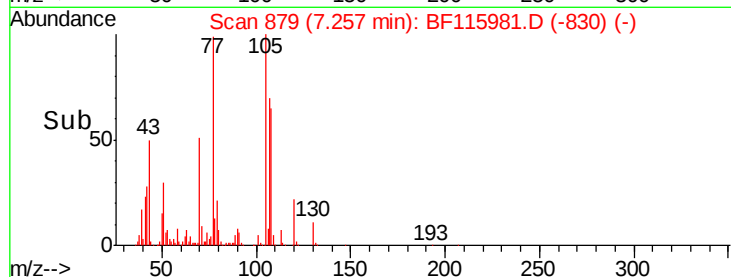
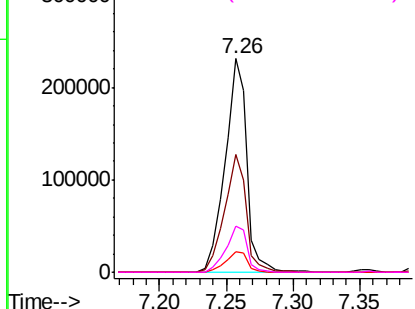
#19
n-Nitroso-di-n-propylamine
Concen: 42.913 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 265674
Ion Ratio Lower Upper
70 100
42 55.1 41.8 62.8
101 9.4 7.7 11.5
130 21.4 17.8 26.6

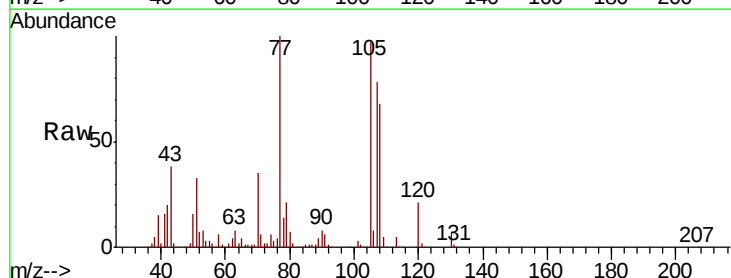


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

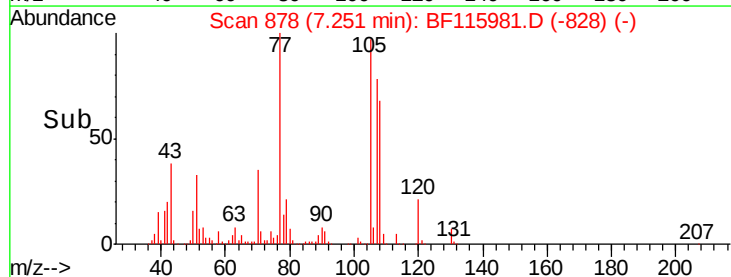
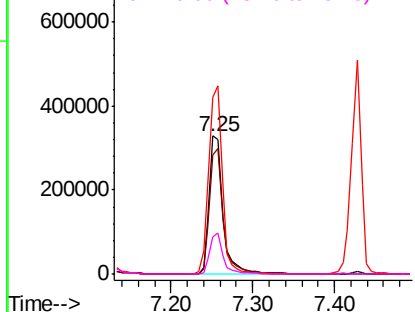


#20
3+4-Methylphenols
Concen: 43.211 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion: 107 Resp: 379137
Ion Ratio Lower Upper
107 100
108 86.7 67.9 107.9
77 128.1 77.3 117.3#
79 26.8 6.6 46.6



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

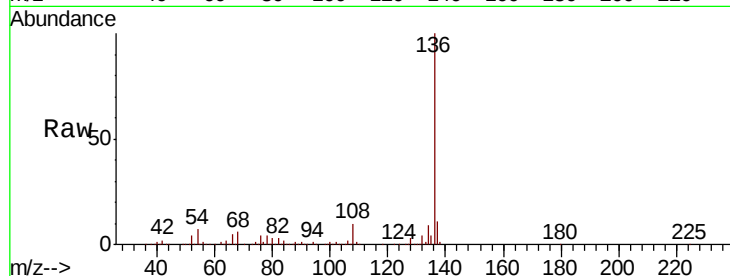




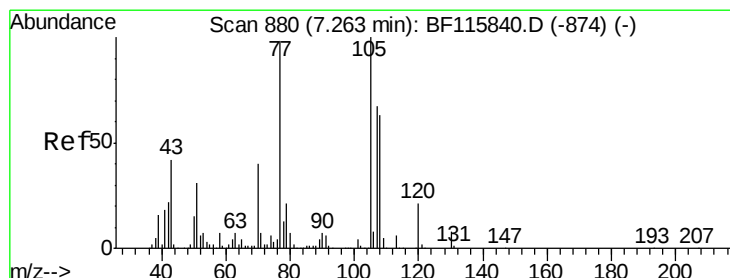
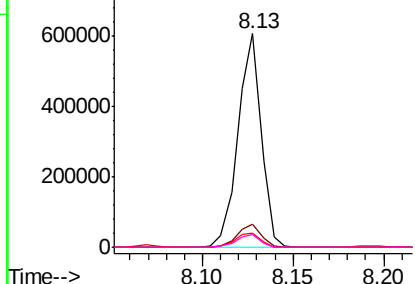
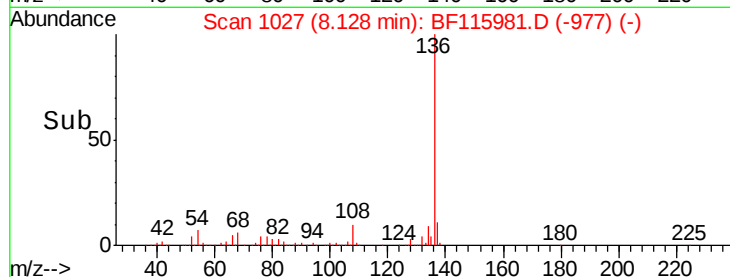
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	539762
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.1	9.1
68	6.0	5.4	8.2

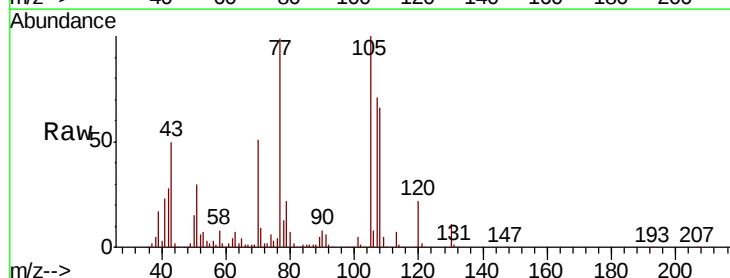


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

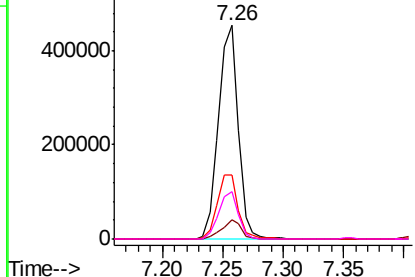
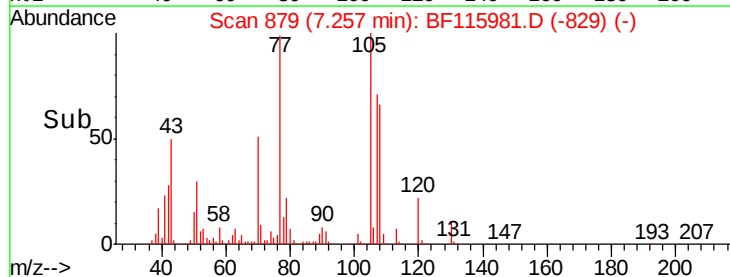


#22
Acetophenone
Concen: 43.019 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:	105	Resp:	509249
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.4	8.0#
51	30.2	24.6	36.8
120	22.3	17.0	25.6



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

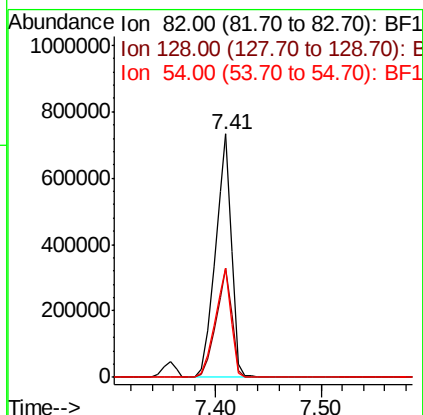
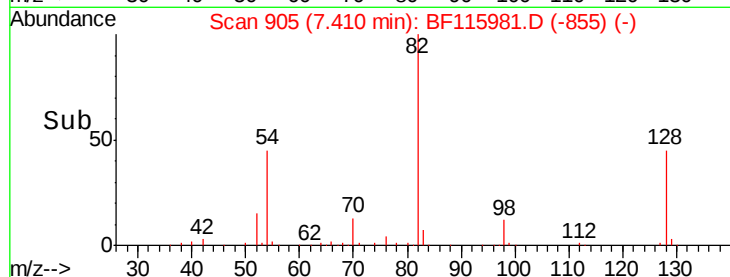
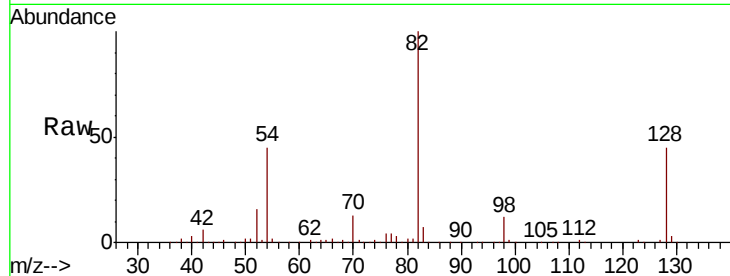




#23
 Nitrobenzene-d5
 Concen: 84.114 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

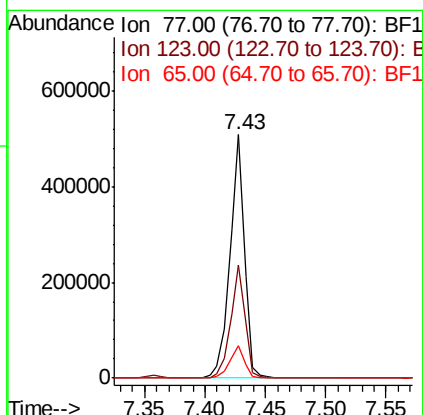
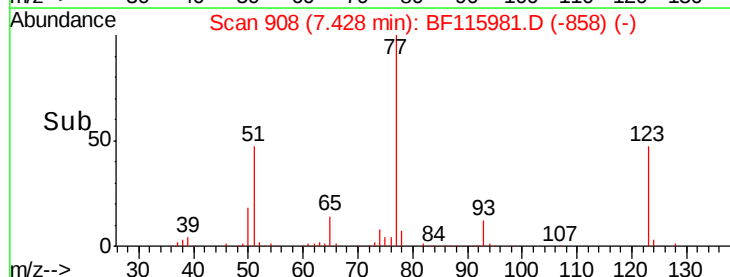
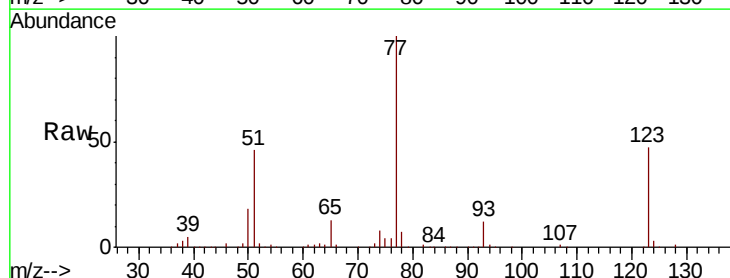
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	55.0
54	44.9	36.6	55.0



#24
 Nitrobenzene
 Concen: 41.962 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.5	53.3
65	13.4	10.6	15.8

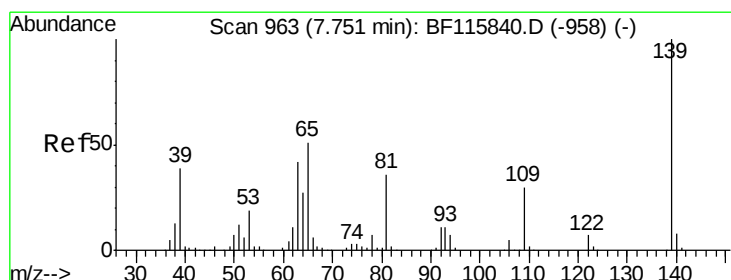
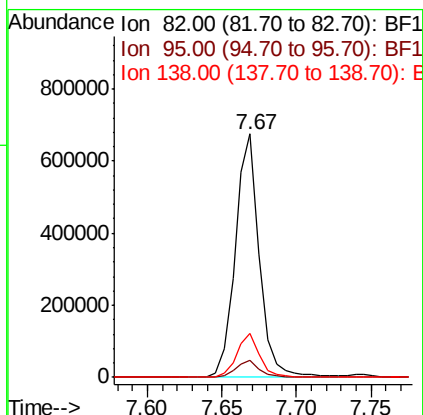
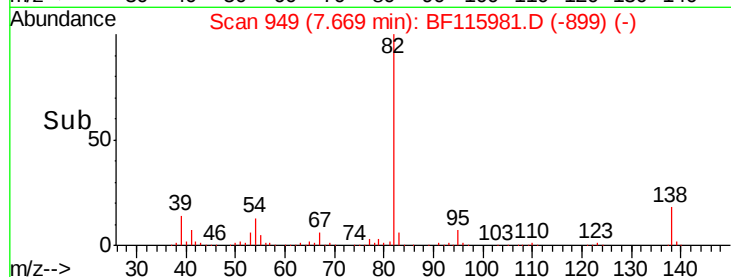
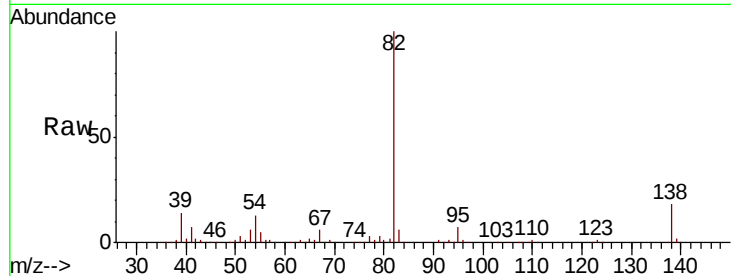




#25
Isophorone
Concen: 42.644 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

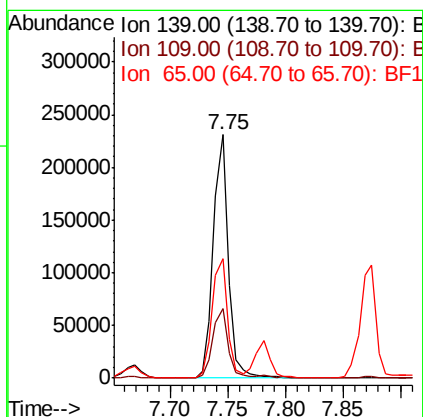
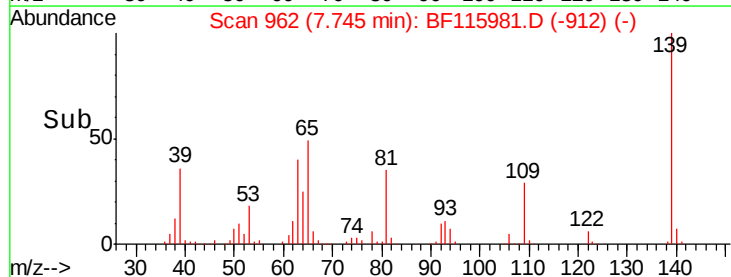
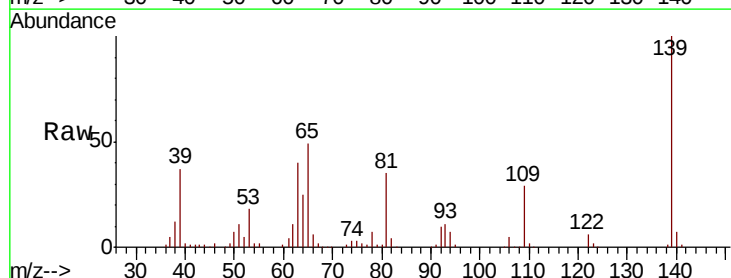
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

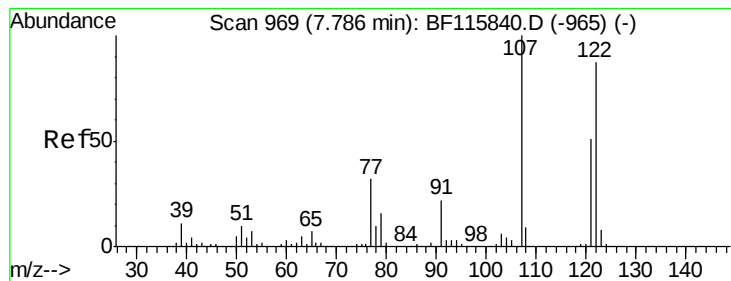
Tgt Ion: 82 Resp: 762482
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 43.964 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion: 139 Resp: 209245
Ion Ratio Lower Upper
139 100
109 28.7 23.6 35.4
65 49.0 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 41.960 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

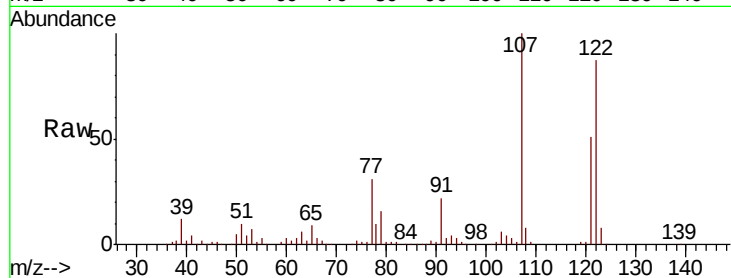
Tgt Ion:122 Resp: 300453

Ion Ratio Lower Upper

122 100

107 115.5 91.7 137.5

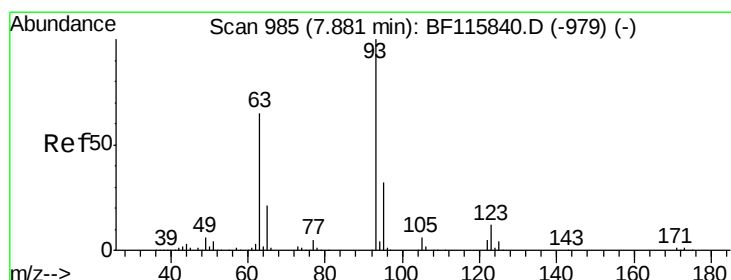
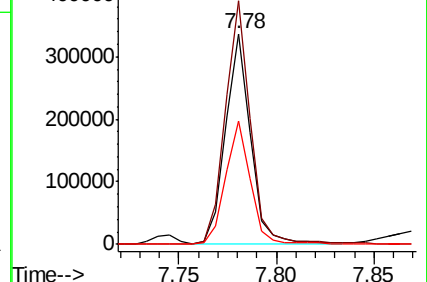
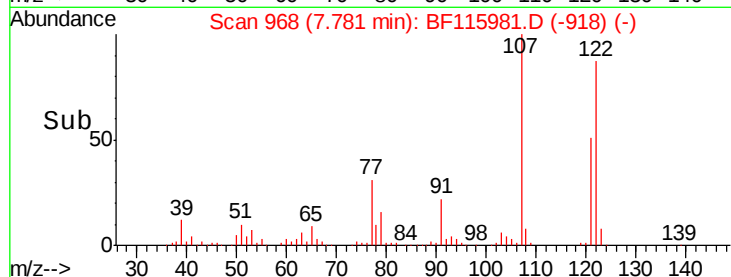
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.955 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

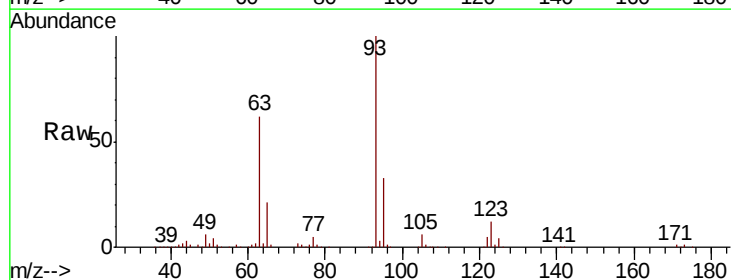
Tgt Ion: 93 Resp: 476046

Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

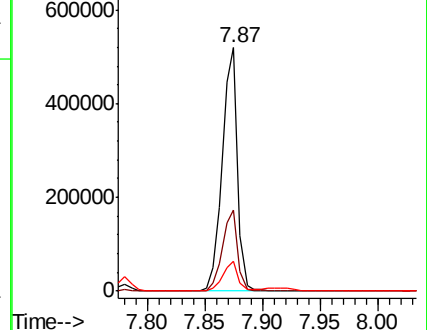
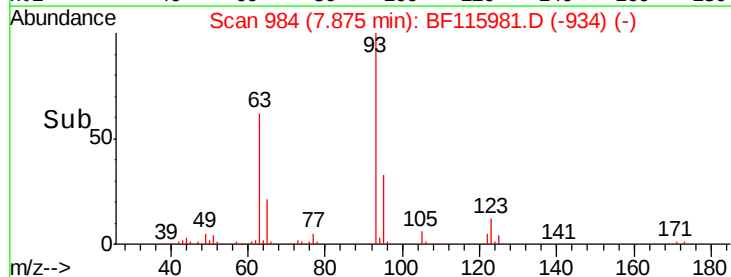
123 12.2 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

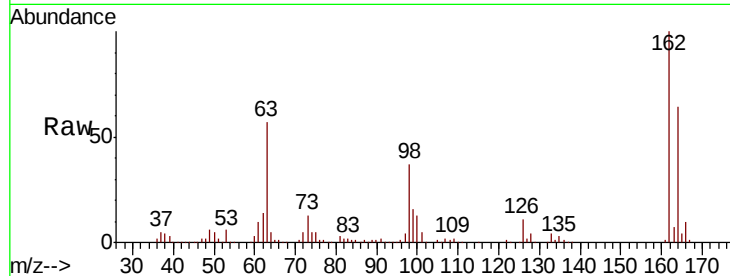




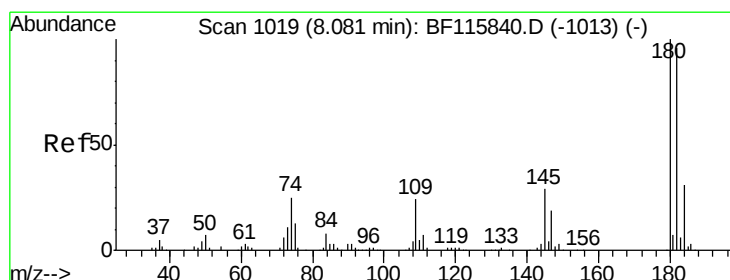
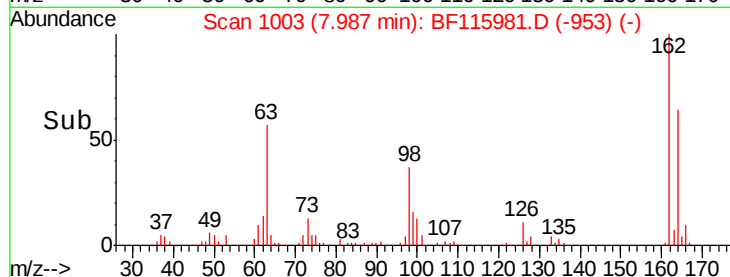
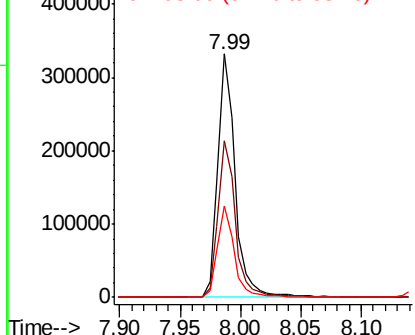
#29
 2,4-Dichlorophenol
 Concen: 43.227 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	37.3	17.3	57.3

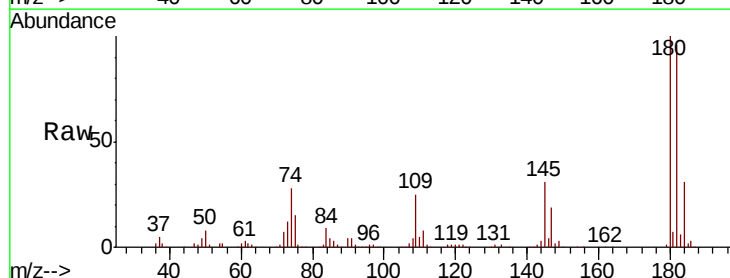


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

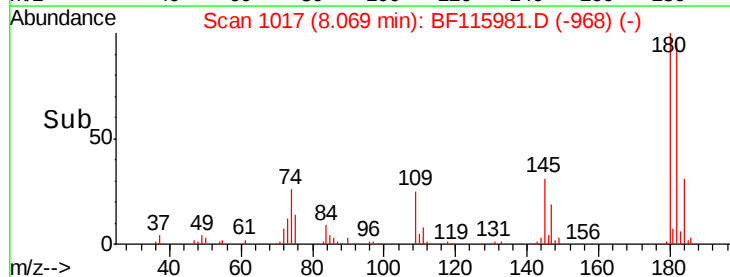
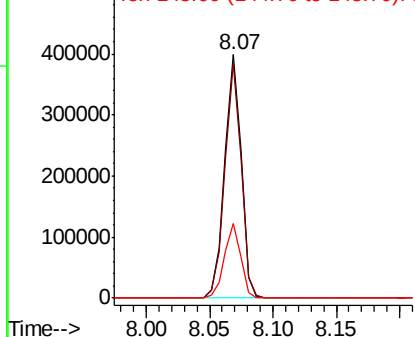


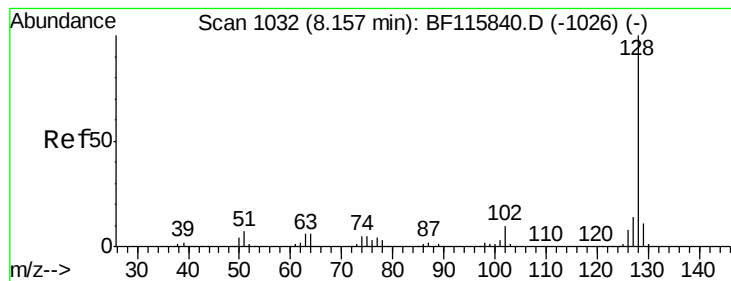
#30
 1,2,4-Trichlorobenzene
 Concen: 42.127 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	30.5	23.2	34.8



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: 43.309 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

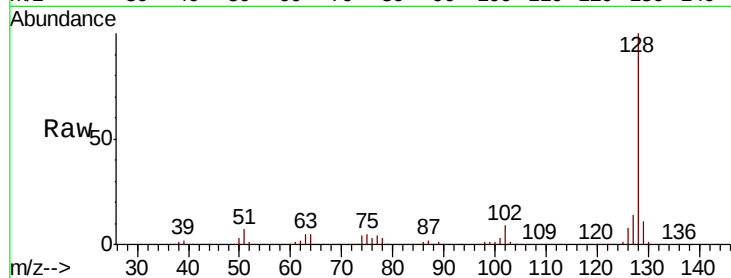
Tgt Ion:128 Resp: 1100048

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

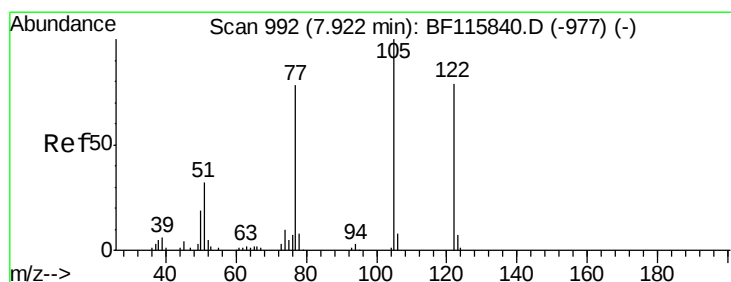
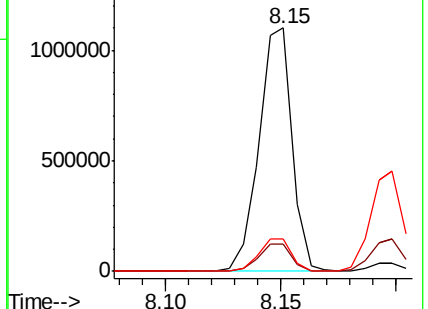
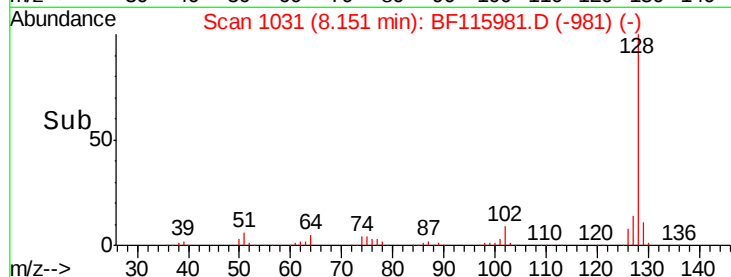
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.934 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

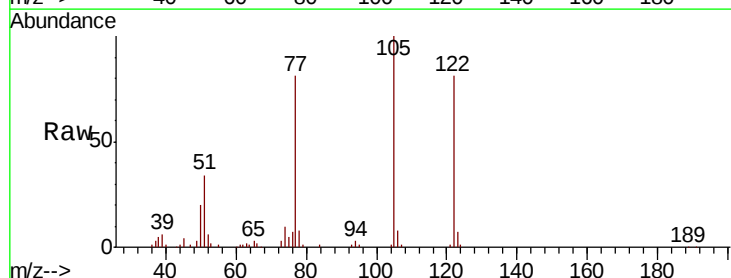
Tgt Ion:122 Resp: 221796

Ion Ratio Lower Upper

122 100

105 123.4 103.1 143.1

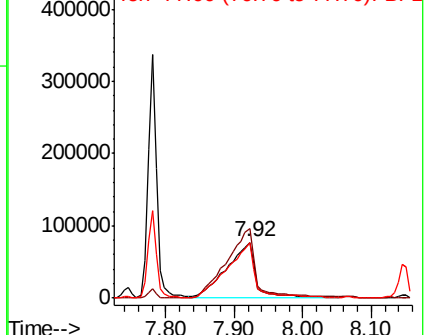
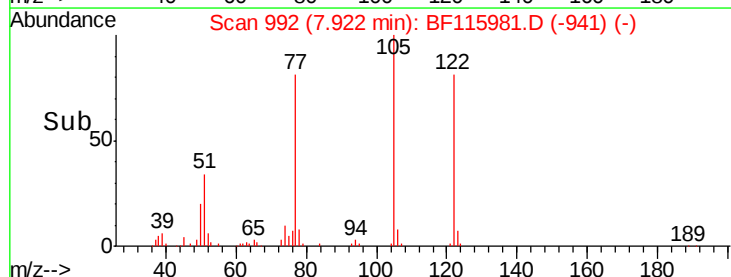
77 100.1 76.8 116.8

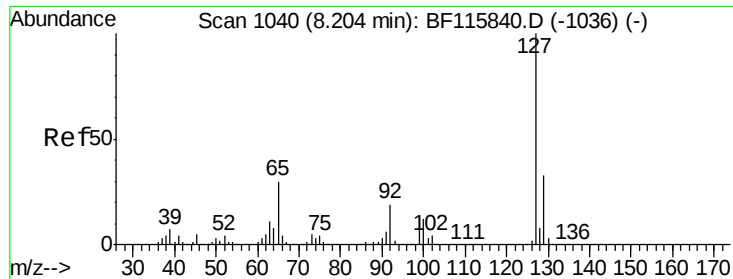


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

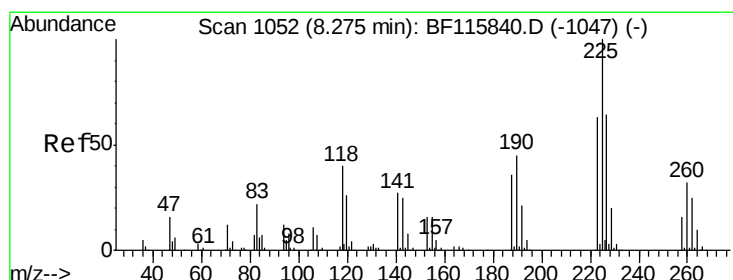
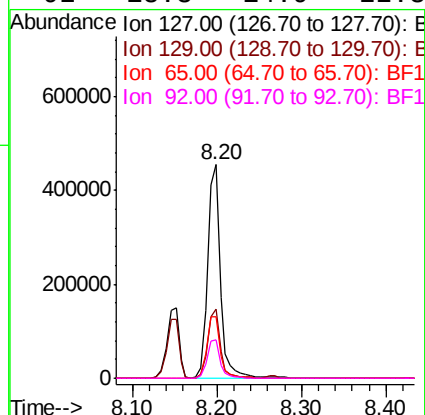
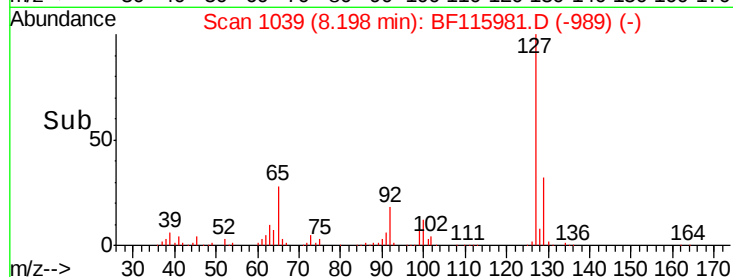
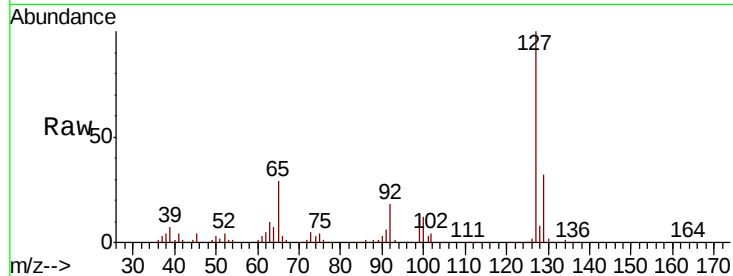




#33
4-Chloroaniline
Concen: 42.105 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

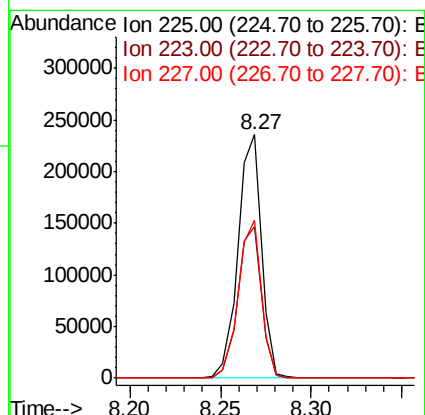
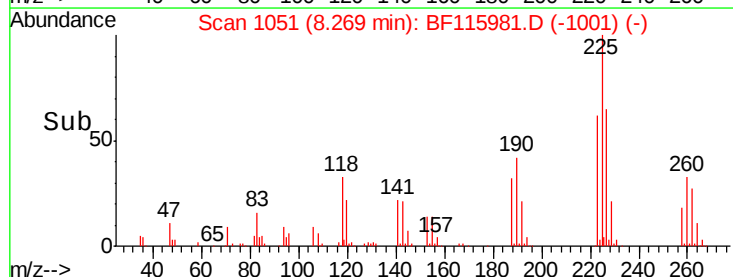
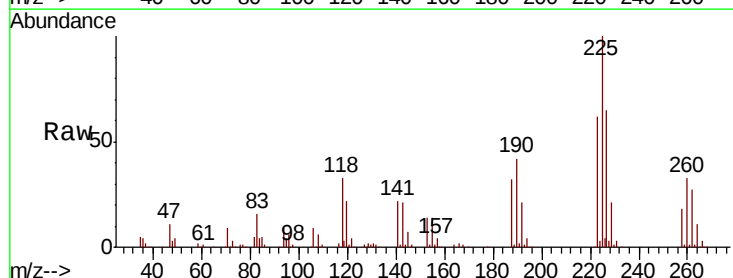
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

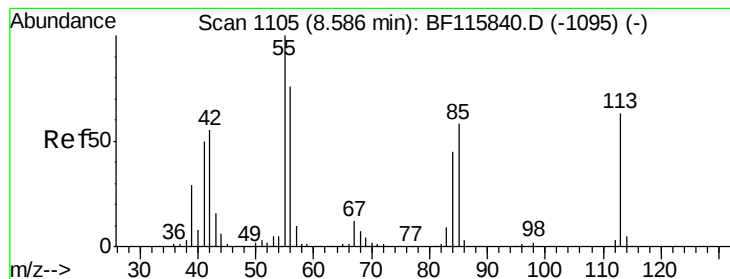
Tgt Ion:	127	Resp:	477846
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	28.5	23.9	35.9
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 42.755 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:	225	Resp:	212242
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	64.7	51.6	77.4





#35

Caprolactam

Concen: 41.590 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

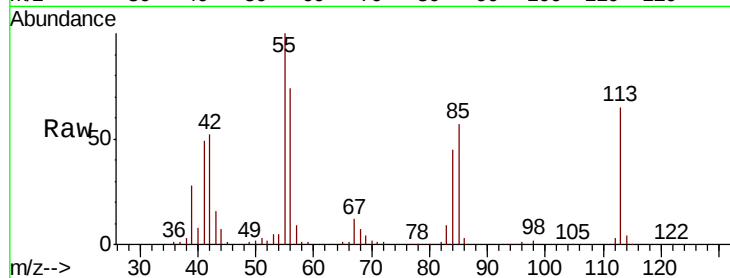
Tgt Ion:113 Resp: 101699

Ion Ratio Lower Upper

113 100

55 153.3 138.1 178.1

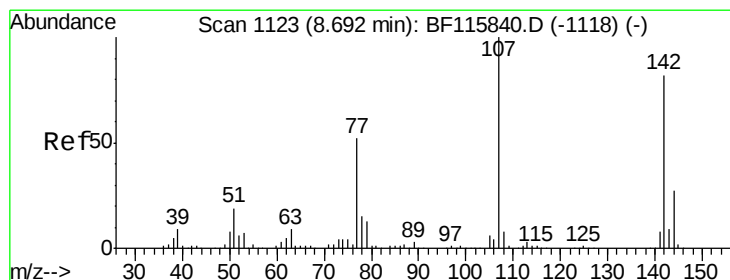
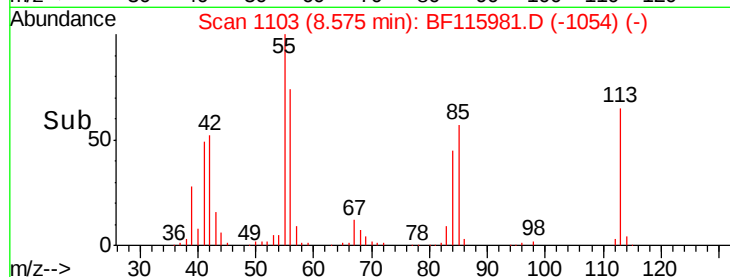
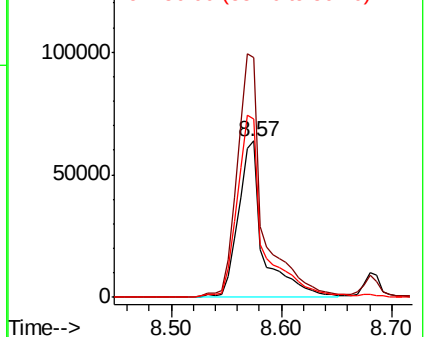
56 113.7 100.6 140.6



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: 43.583 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

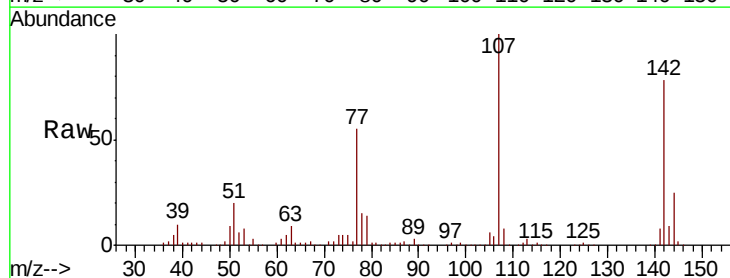
Tgt Ion:107 Resp: 342798

Ion Ratio Lower Upper

107 100

144 25.2 21.4 32.0

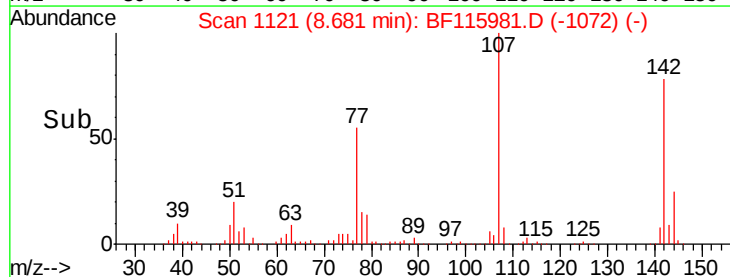
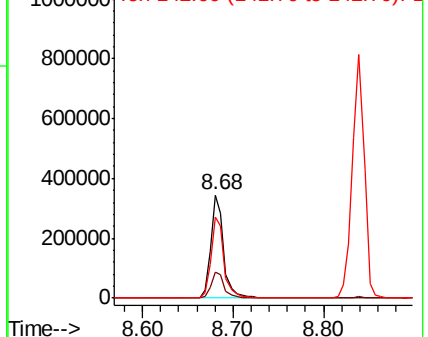
142 78.4 65.5 98.3

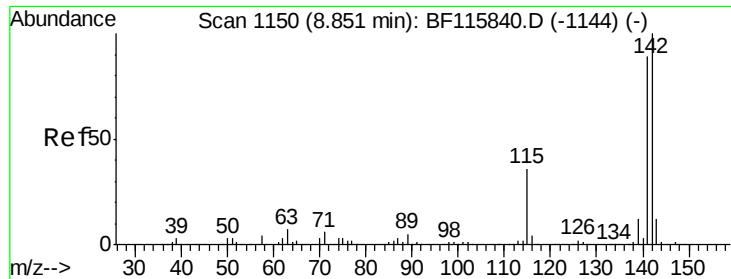


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

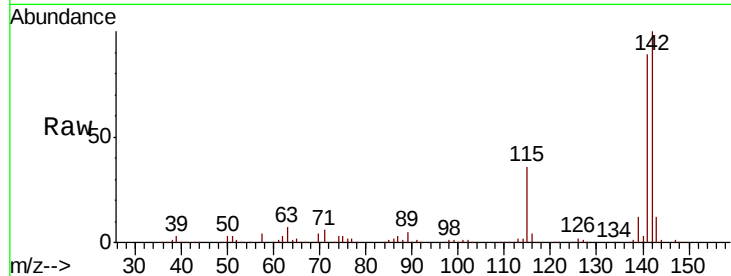




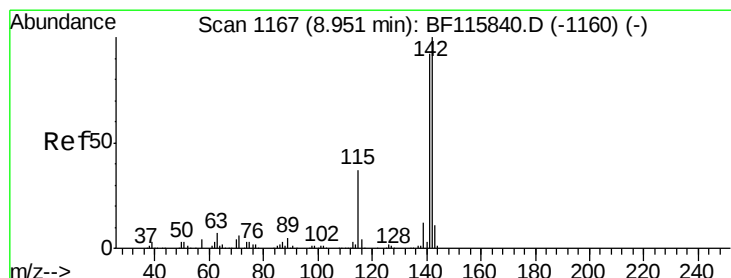
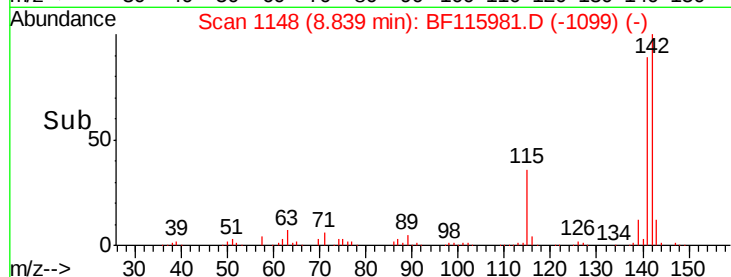
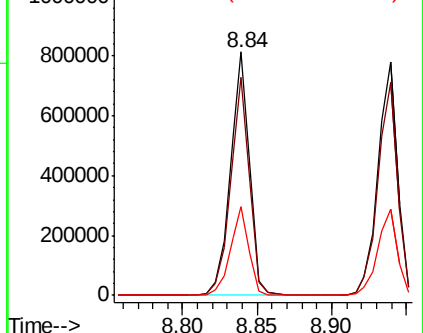
#37
 2-Methylnaphthalene
 Concen: 43.913 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 734589
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 36.3 28.9 43.3

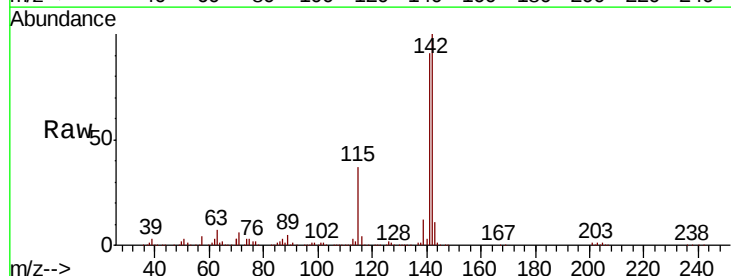


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

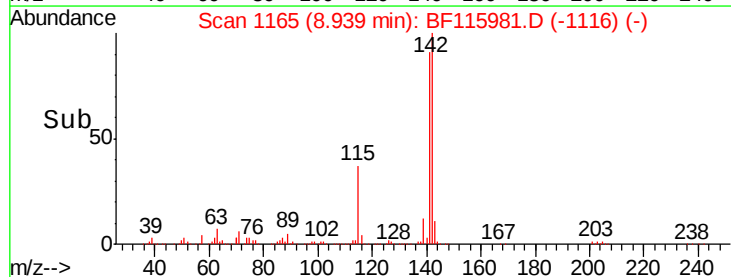
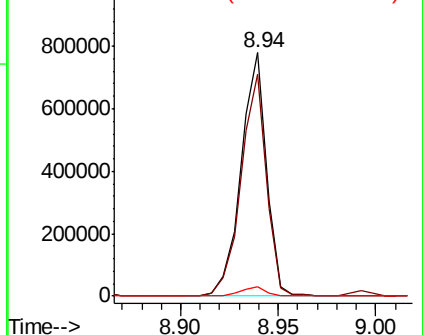


#38
 1-Methylnaphthalene
 Concen: 44.292 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:142 Resp: 700937
 Ion Ratio Lower Upper
 142 100
 141 91.2 73.8 110.6
 116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

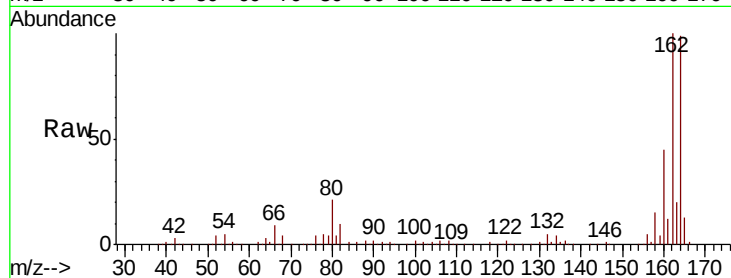
Tgt Ion:164 Resp: 296117

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 45.3 36.2 54.4

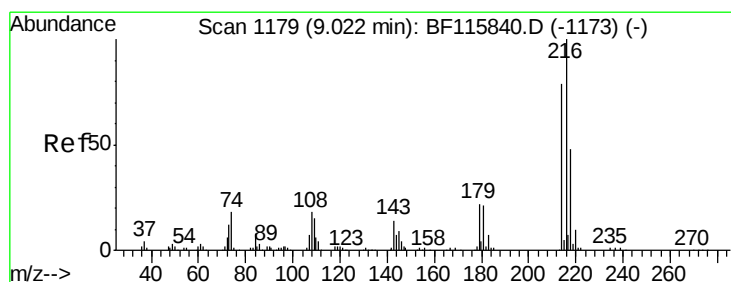
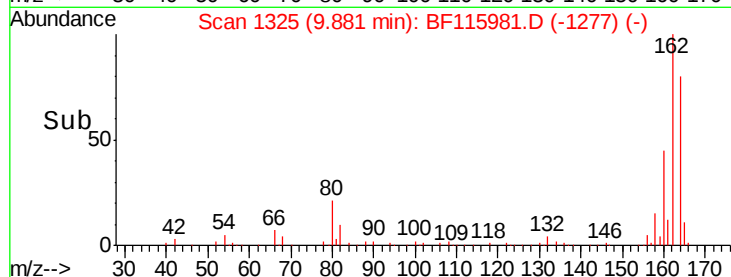
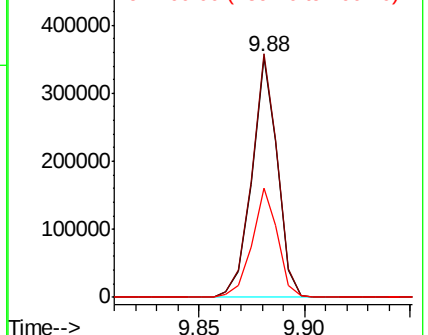


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.576 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:216 Resp: 337050

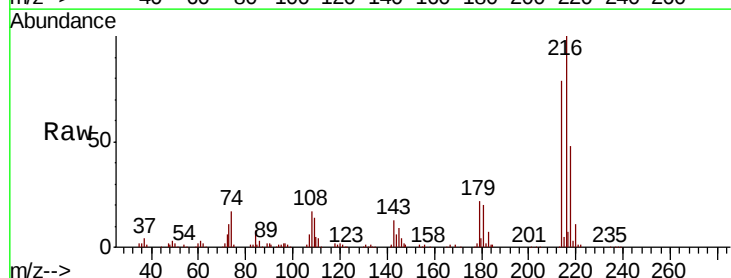
Ion Ratio Lower Upper

216 100

214 79.3 62.8 94.2

179 22.5 17.6 26.4

108 20.1 16.1 24.1



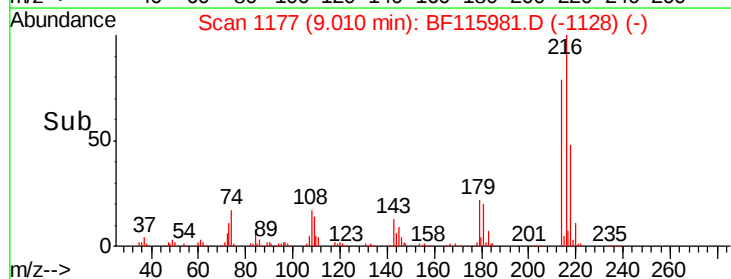
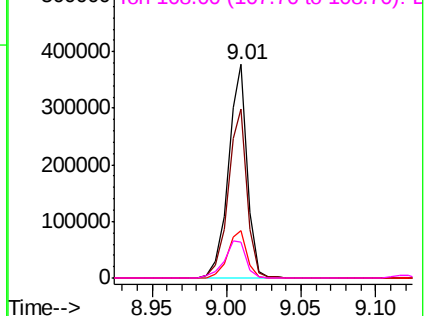
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.242 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

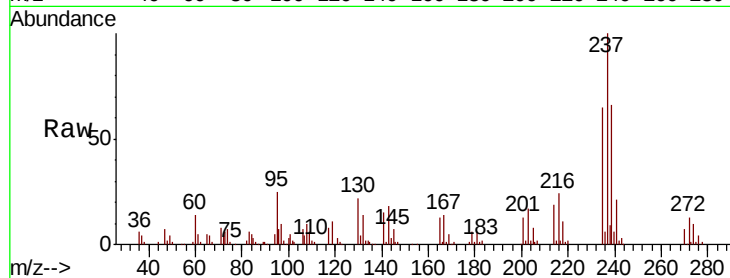
Tgt Ion: 237 Resp: 101017

Ion Ratio Lower Upper

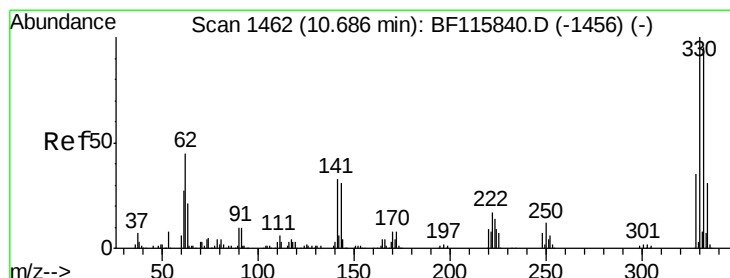
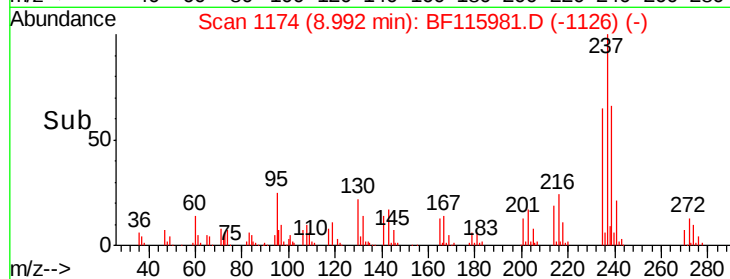
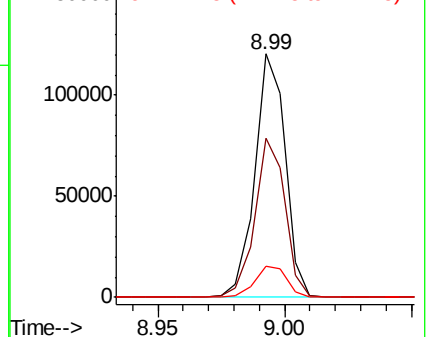
237 100

235 65.2 42.5 82.5

272 13.0 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 85.849 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

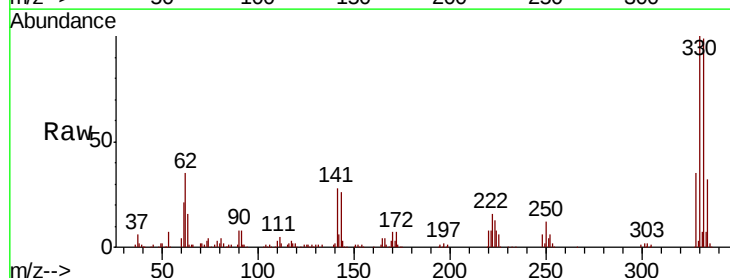
Tgt Ion: 330 Resp: 246468

Ion Ratio Lower Upper

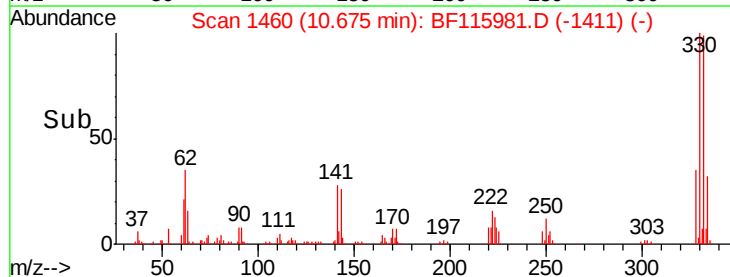
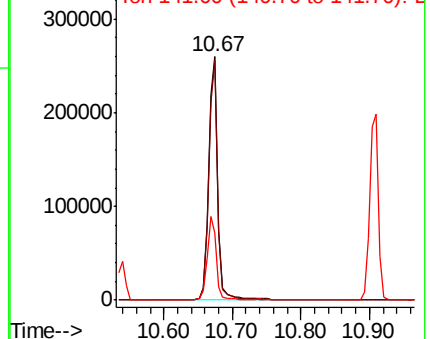
330 100

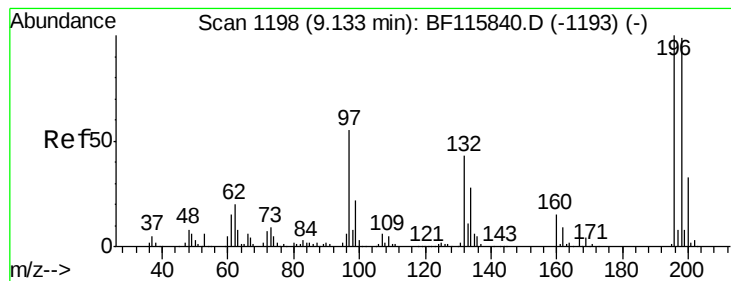
332 95.2 77.7 116.5

141 34.5 28.1 42.1



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: 40.383 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

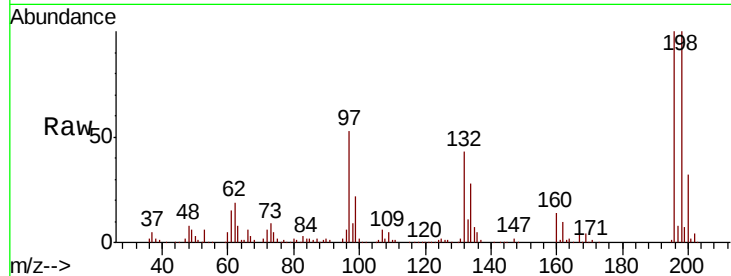
Tgt Ion:196 Resp: 220046

Ion Ratio Lower Upper

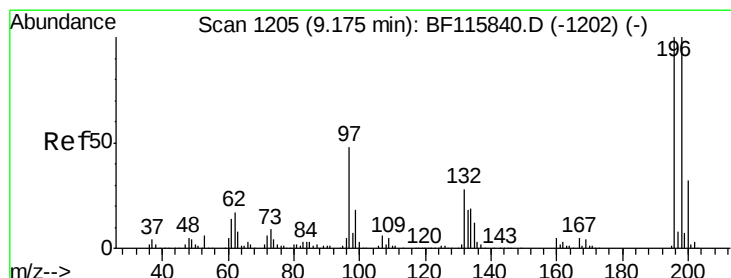
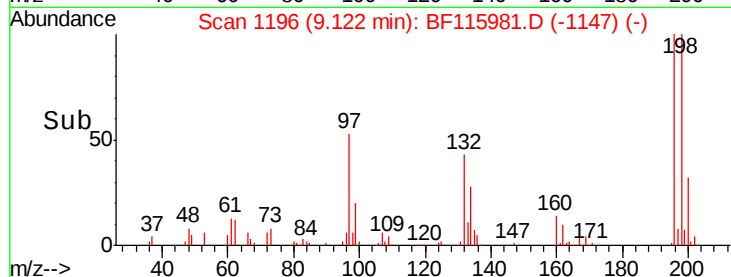
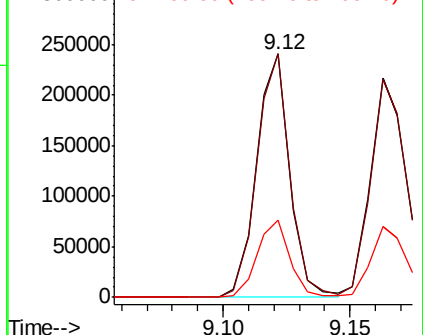
196 100

198 99.9 79.1 118.7

200 31.6 26.0 39.0



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



#44

2,4,5-Trichlorophenol

Concen: 41.272 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Tgt Ion:196 Resp: 232470

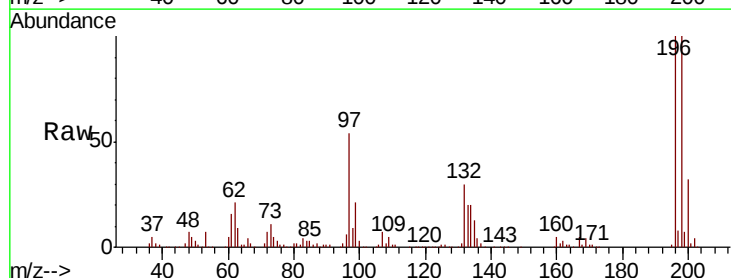
Ion Ratio Lower Upper

196 100

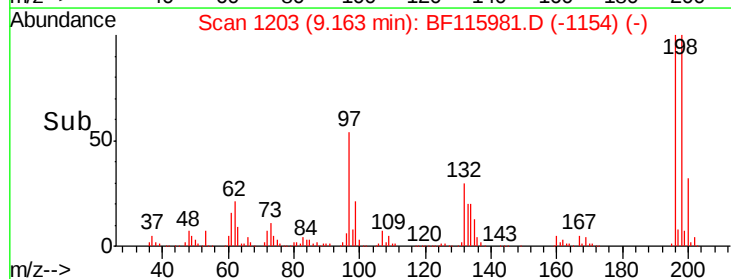
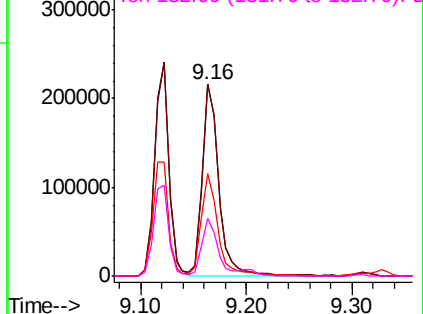
198 99.9 80.1 120.1

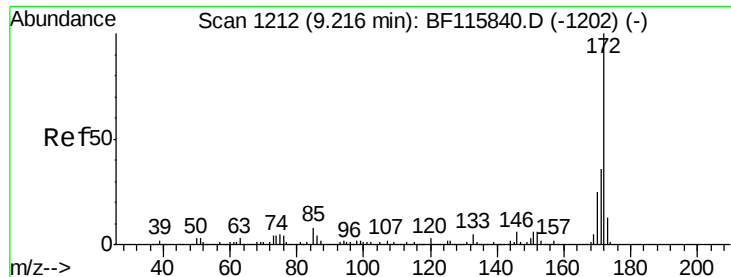
97 53.7 38.9 58.3

132 29.9 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

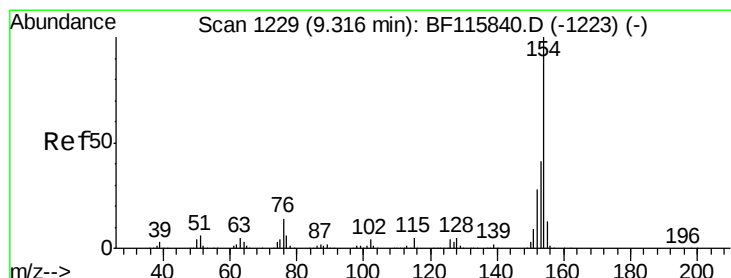
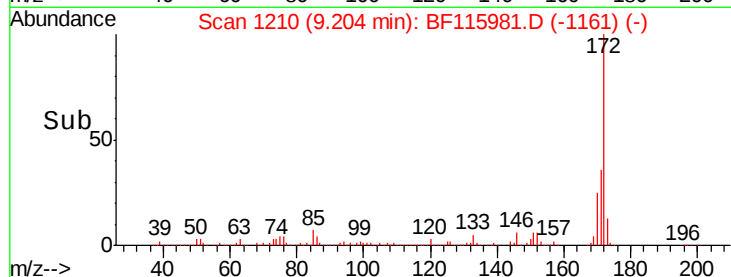
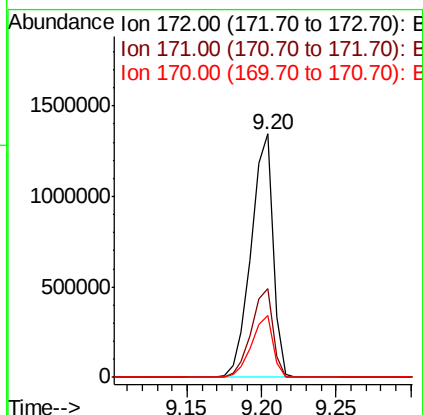
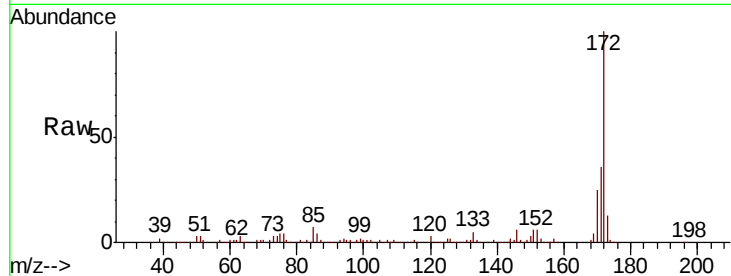




#45
 2-Fluorobiphenyl
 Concen: 86.164 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

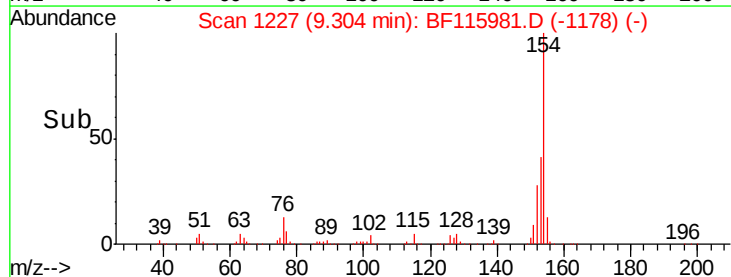
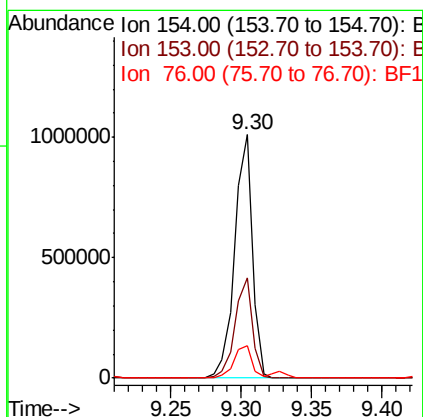
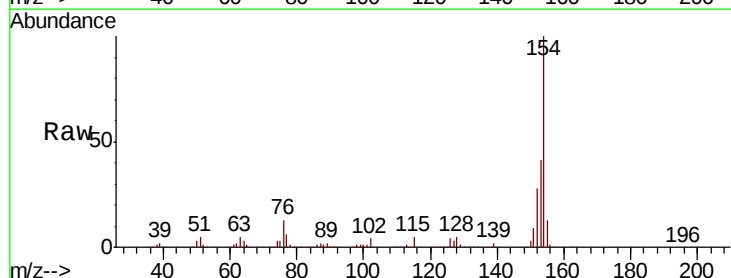
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

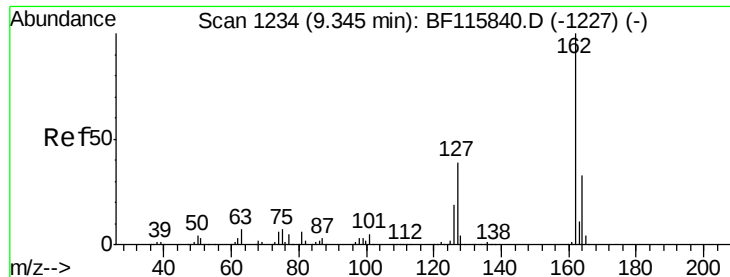
Tgt Ion:172 Resp: 1362184
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 25.2 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 42.452 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:154 Resp: 887489
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 13.2 0.0 34.3

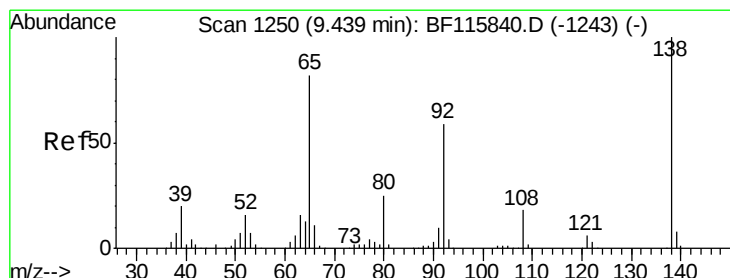
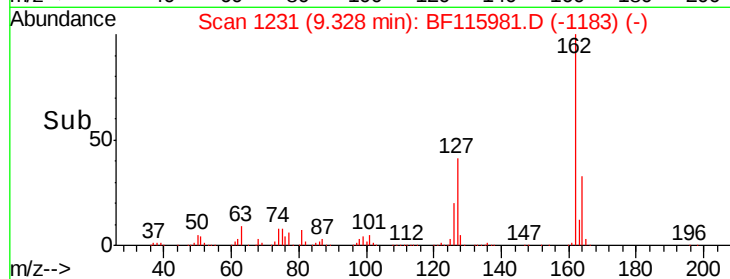
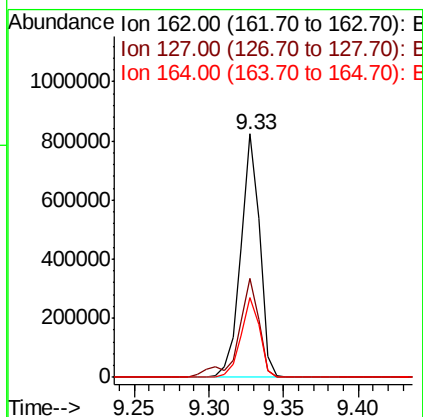
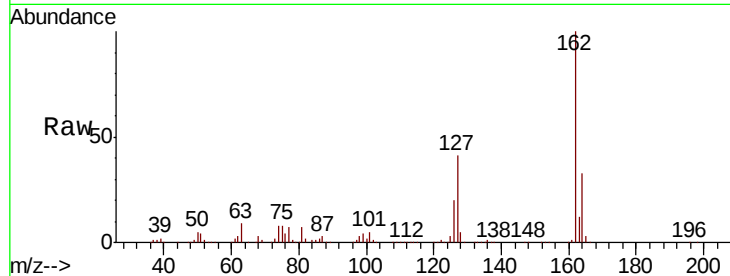




#47
 2-Chloronaphthalene
 Concen: 41.568 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

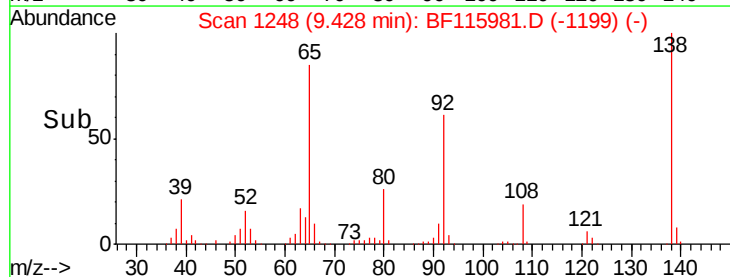
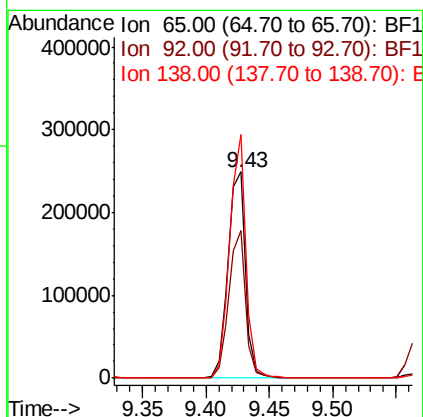
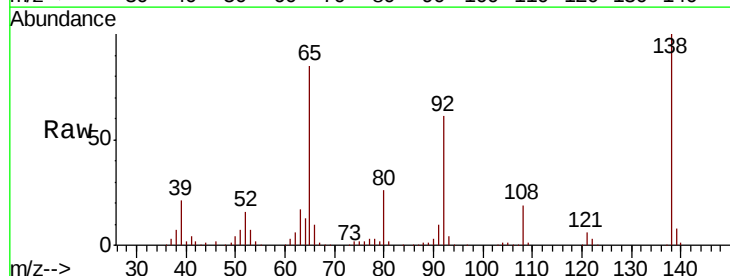
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

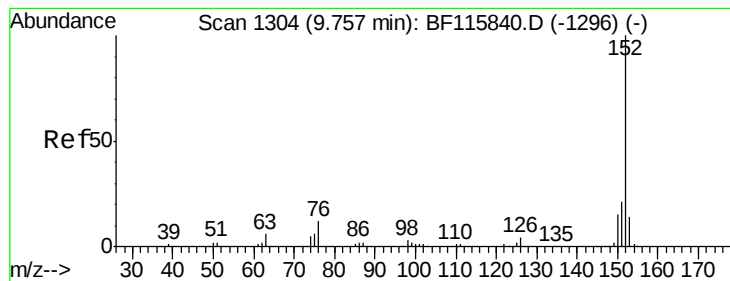
Tgt Ion:	162	Resp:	723266
Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.3	46.9
164	33.0	26.6	40.0



#48
 2-Nitroaniline
 Concen: 41.239 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:	65	Resp:	237178
Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.1	85.7
138	118.0	97.1	145.7





#49

Acenaphthylene

Concen: 43.352 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

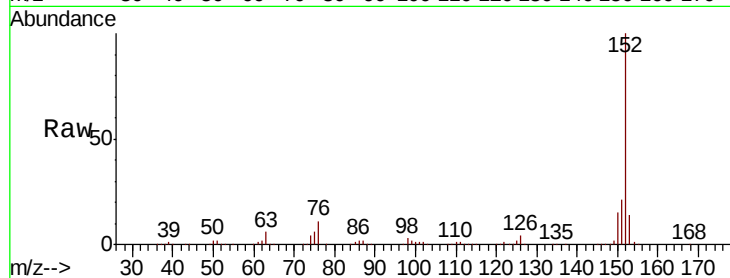
Tgt Ion:152 Resp: 1100478

Ion Ratio Lower Upper

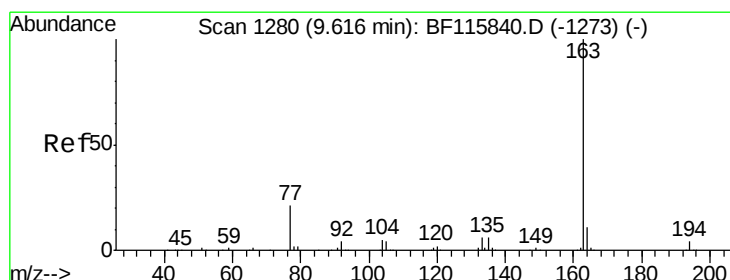
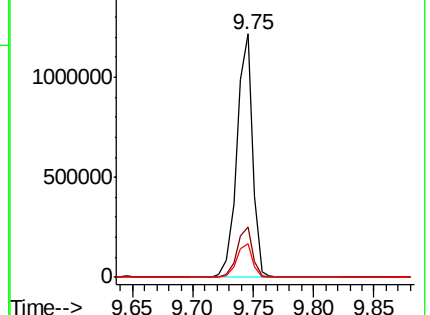
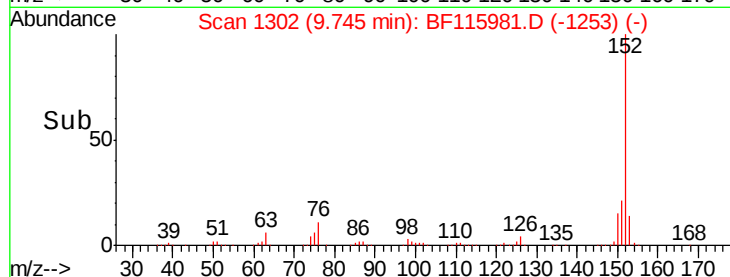
152 100

151 20.8 16.8 25.2

153 14.0 11.6 17.4



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: 42.434 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

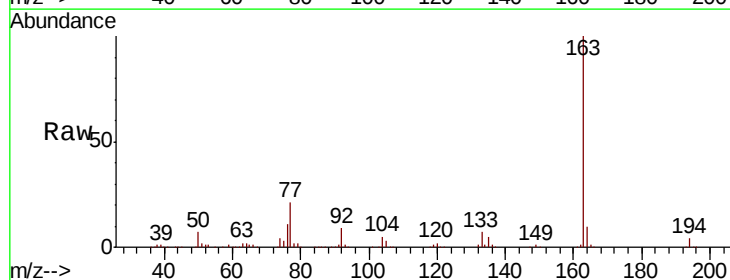
Tgt Ion:163 Resp: 855573

Ion Ratio Lower Upper

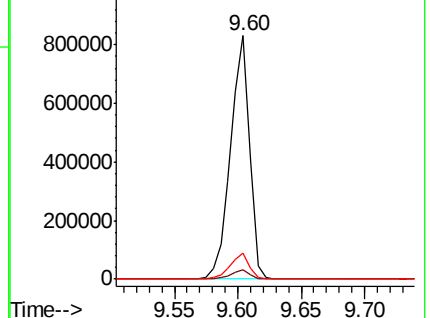
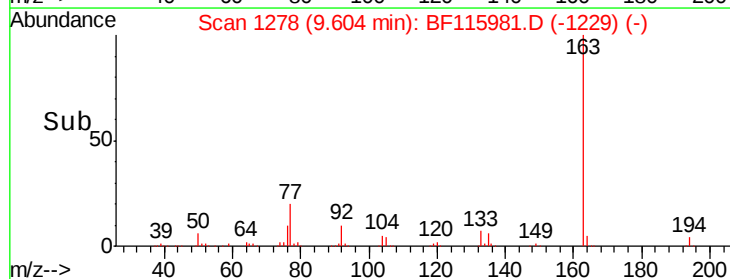
163 100

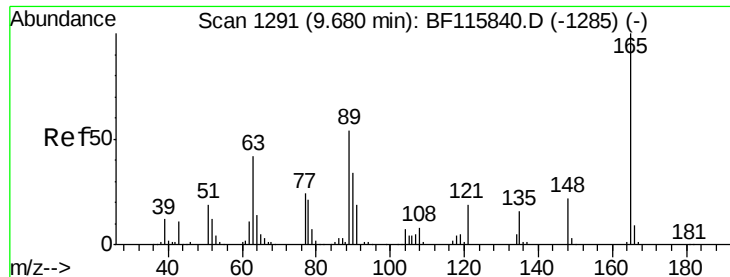
194 3.8 3.0 4.6

164 10.5 8.4 12.6



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

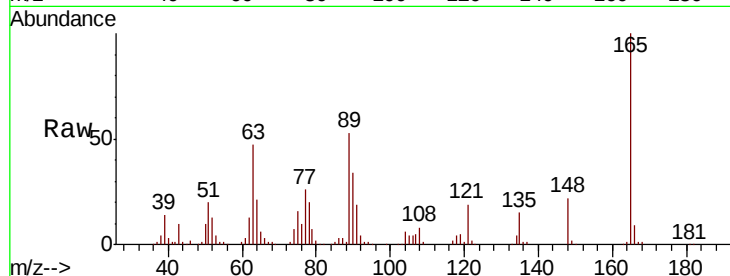




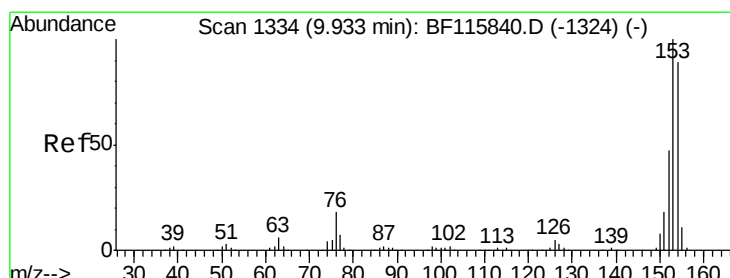
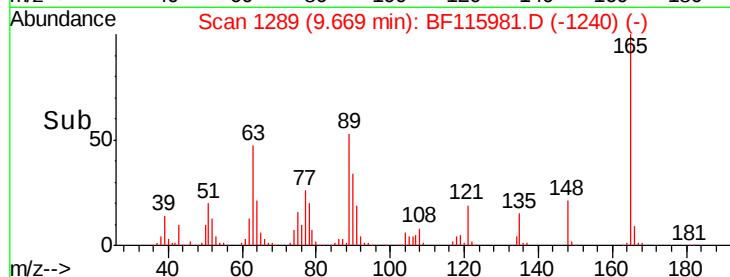
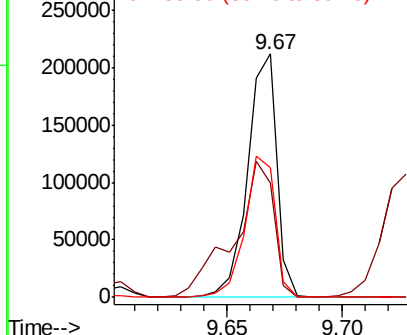
#51
 2,6-Dinitrotoluene
 Concen: 42.824 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 187639
 Ion Ratio Lower Upper
 165 100
 63 46.9 39.4 59.2
 89 53.2 43.0 64.6

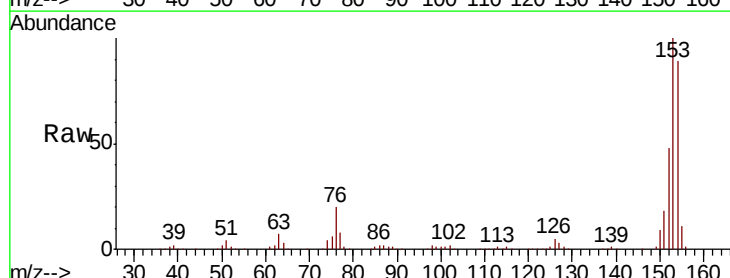


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

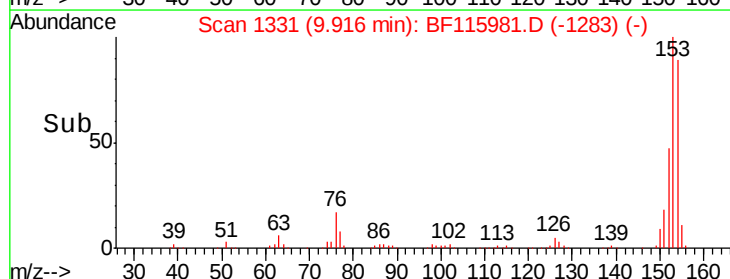
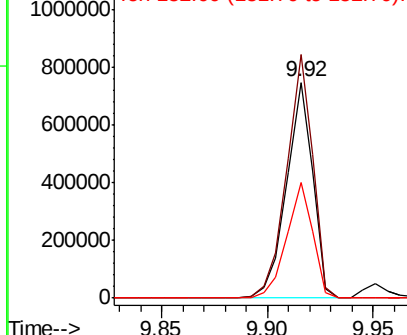


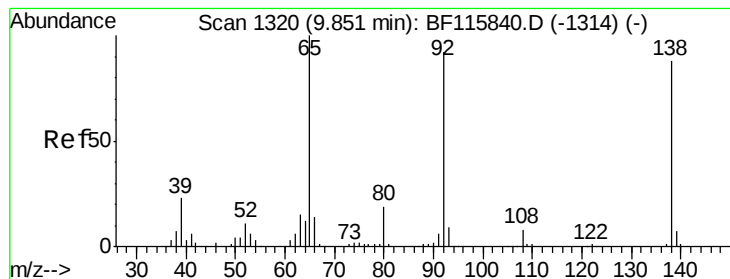
#52
 Acenaphthene
 Concen: 41.930 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:154 Resp: 652981
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.1 135.1
 152 53.6 42.6 63.8



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: 40.045 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

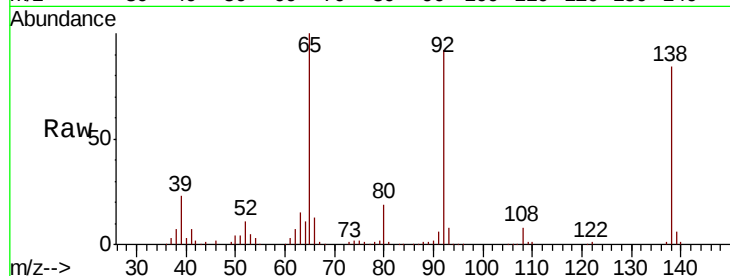
Tgt Ion:138 Resp: 216803

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.2

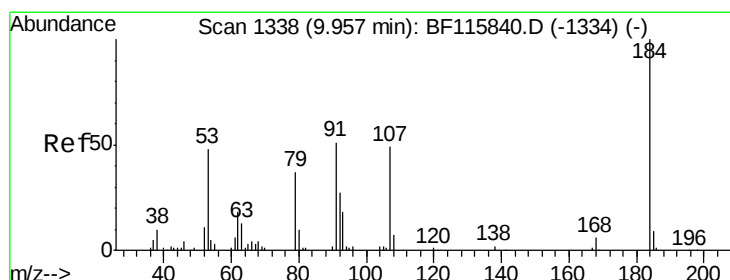
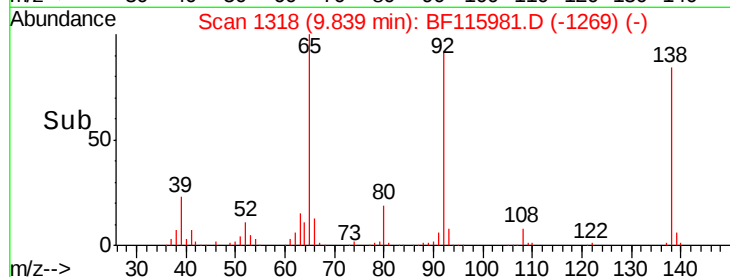
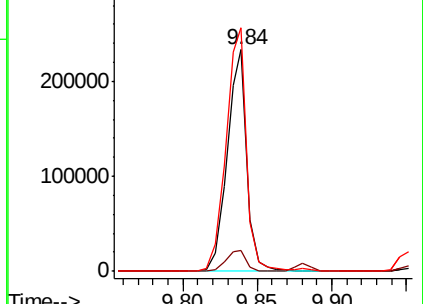
92 110.0 83.9 125.9



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: 39.912 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

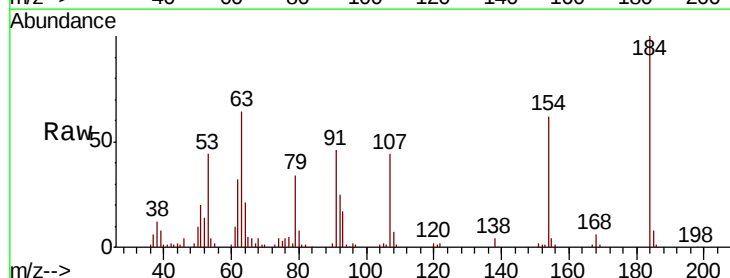
Tgt Ion:184 Resp: 79278

Ion Ratio Lower Upper

184 100

63 64.2 56.7 85.1

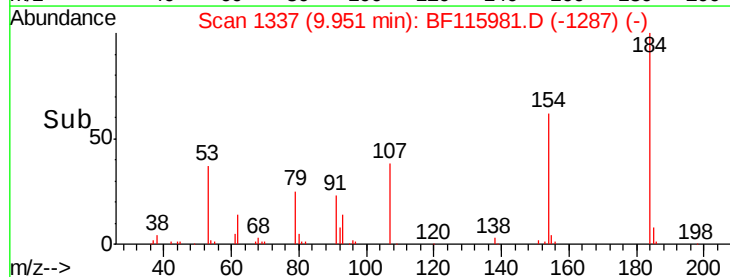
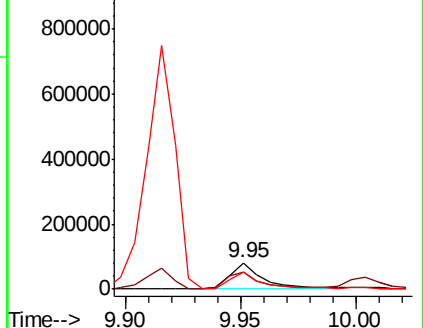
154 62.0 51.9 77.9

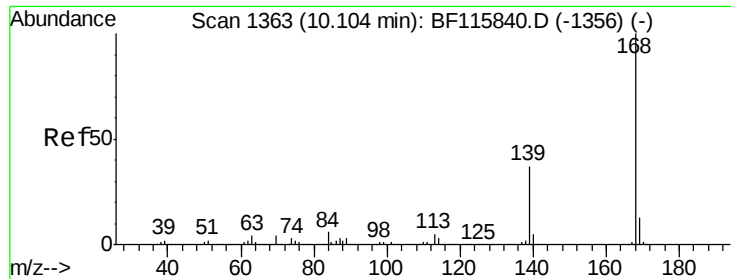


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.099 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

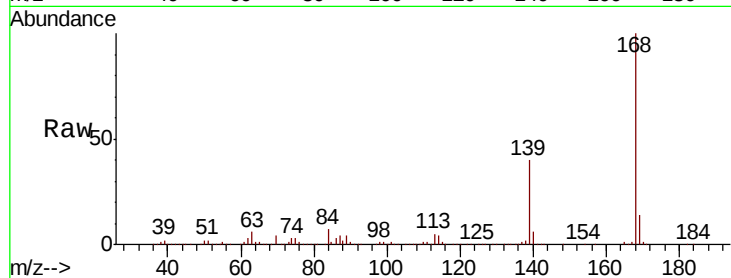
Tgt Ion:168 Resp: 976073

Ion Ratio Lower Upper

168 100

139 39.5 30.2 45.2

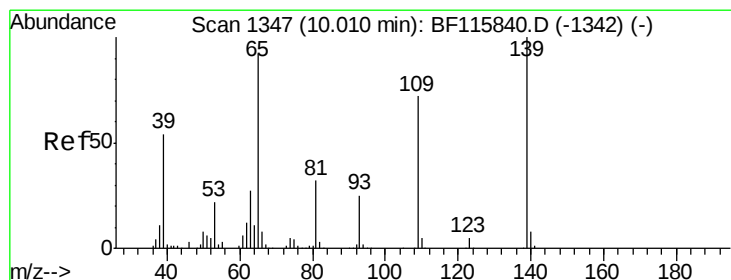
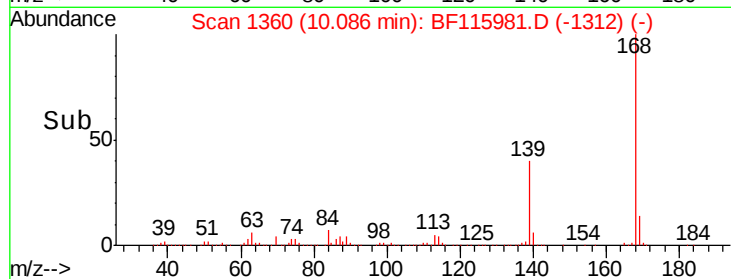
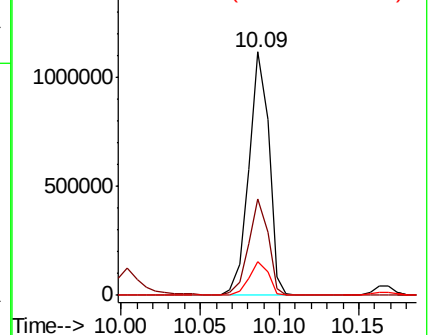
169 13.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.113 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

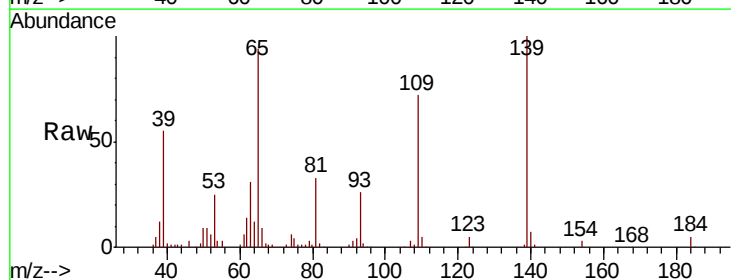
Tgt Ion:139 Resp: 135652

Ion Ratio Lower Upper

139 100

109 71.6 52.0 92.0

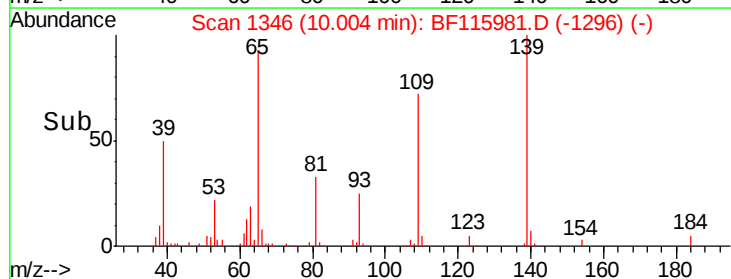
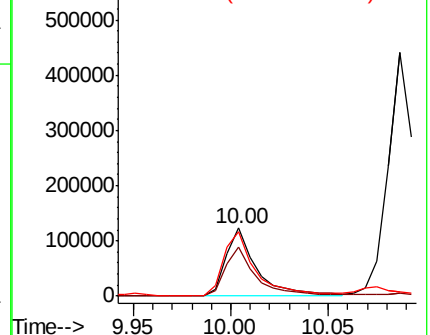
65 93.9 72.6 112.6

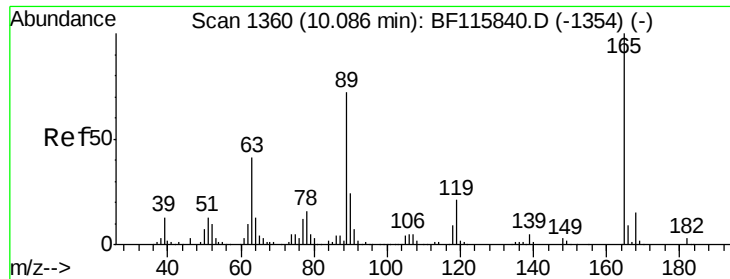


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

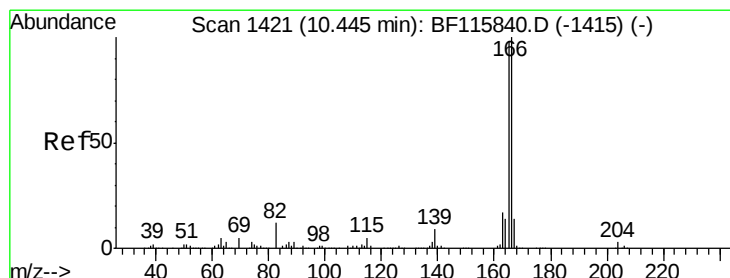
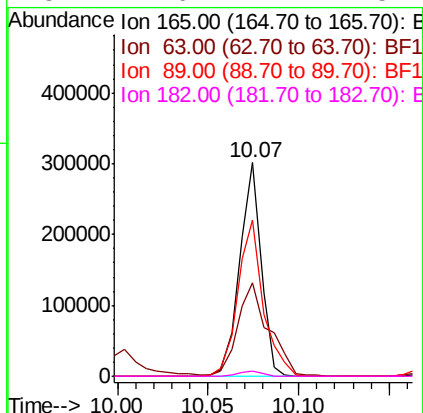
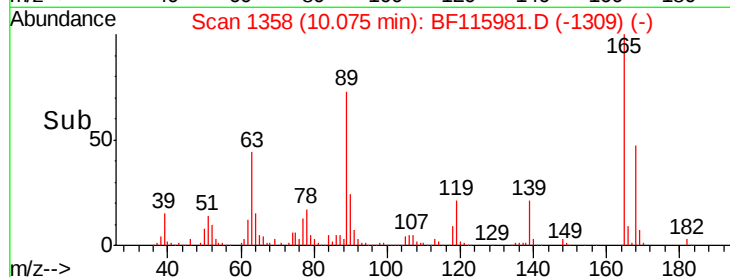
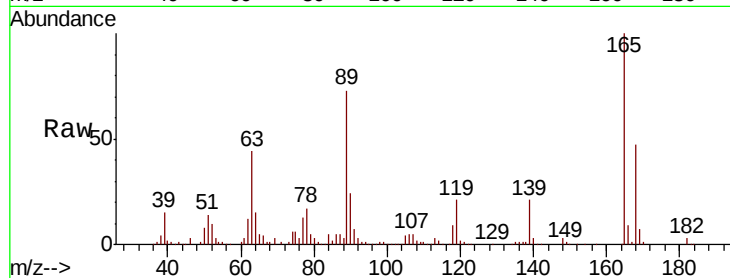




#57
2,4-Dinitrotoluene
Concen: 42.597 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

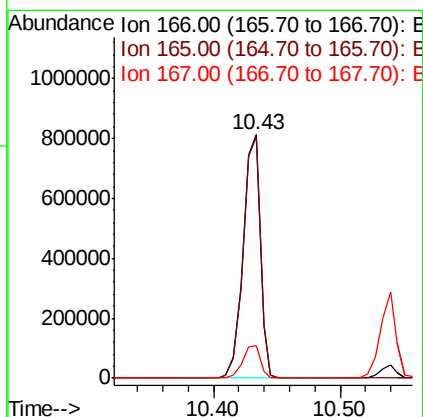
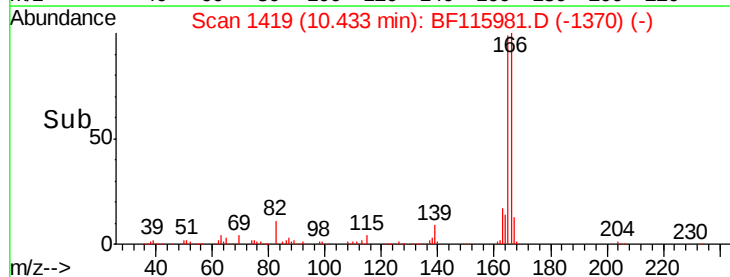
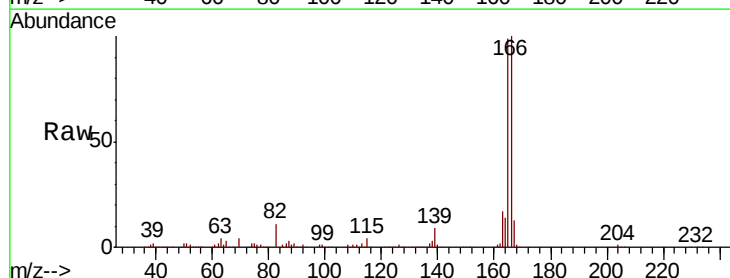
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	248502
Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.2	49.8
89	73.1	57.3	85.9
182	2.6	2.1	3.1



#58
Fluorene
Concen: 43.295 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:	166	Resp:	754381
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	118.0
167	13.4	10.9	16.3

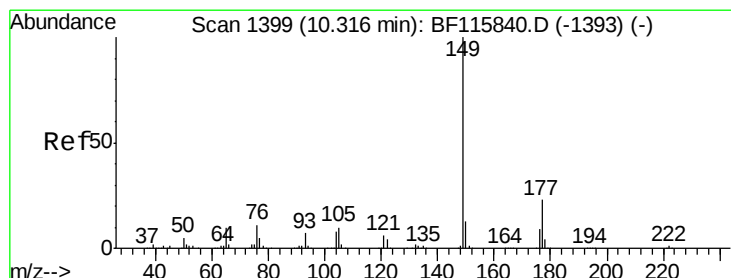
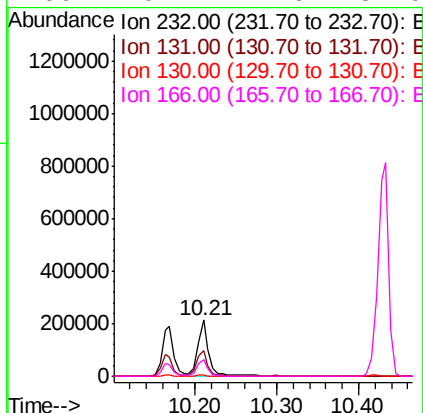
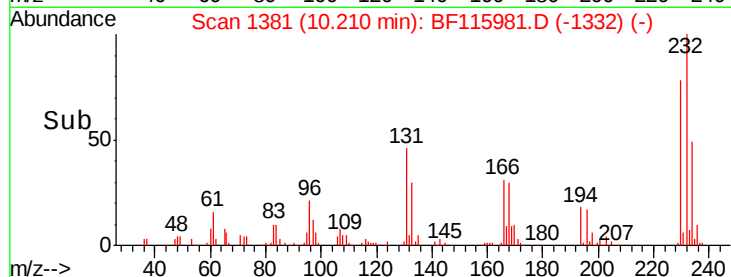
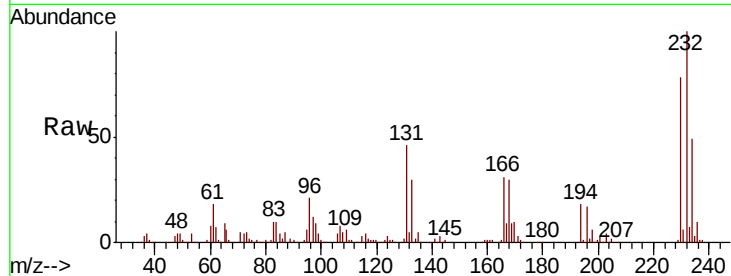




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.437 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

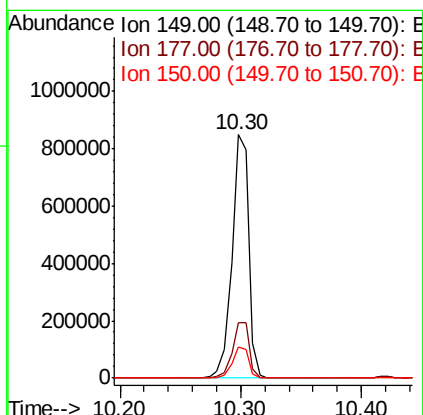
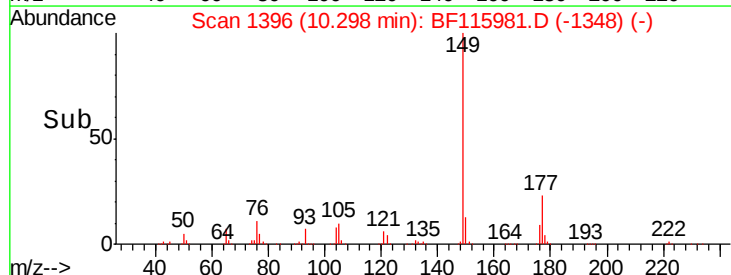
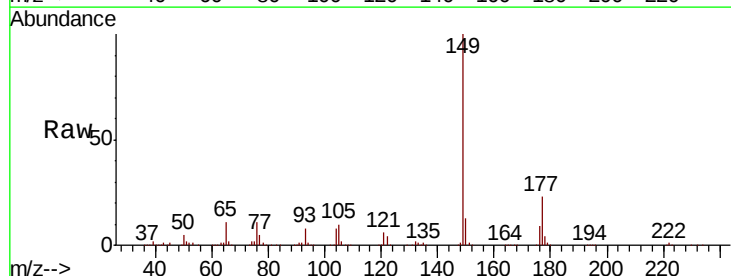
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.6	56.4
130	2.4	1.8	2.8
166	29.7	24.6	37.0



#60
 Diethylphthalate
 Concen: 43.458 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.9	10.1	15.1

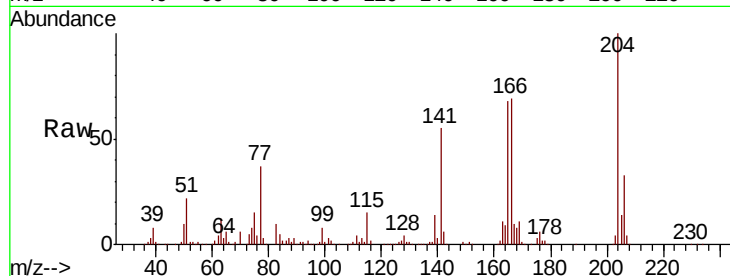




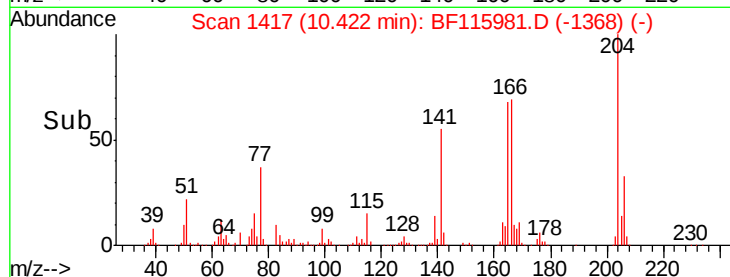
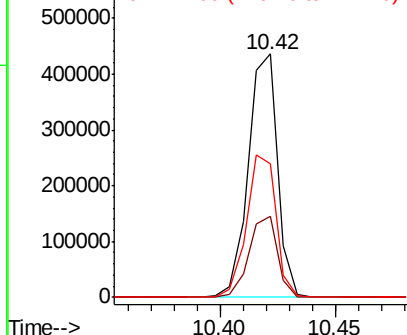
#61
4-Chlorophenyl-phenylether
Concen: 43.940 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 387752
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 55.0 47.0 70.4

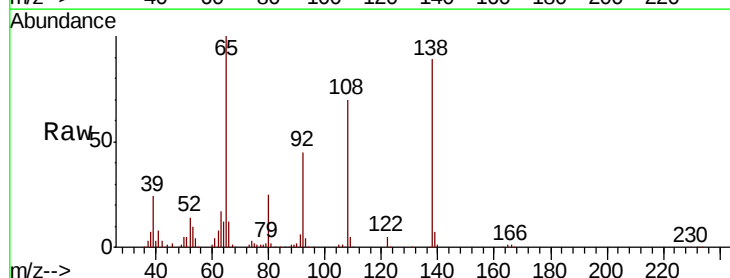


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

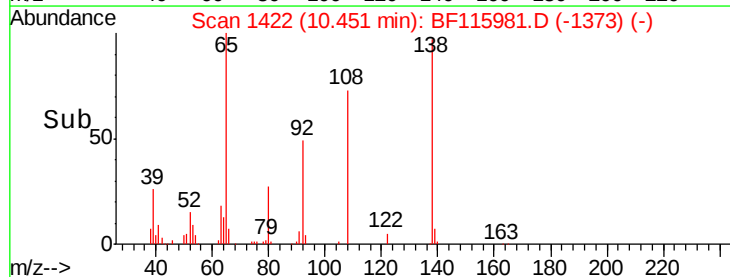
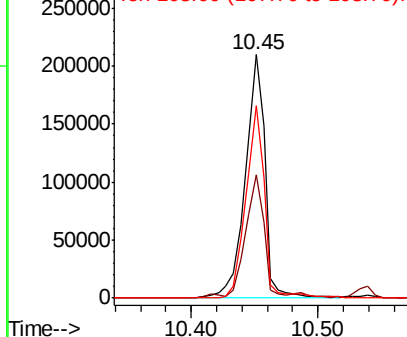


#62
4-Nitroaniline
Concen: 40.279 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:138 Resp: 225367
Ion Ratio Lower Upper
138 100
92 50.9 31.0 71.0
108 79.0 56.7 96.7



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

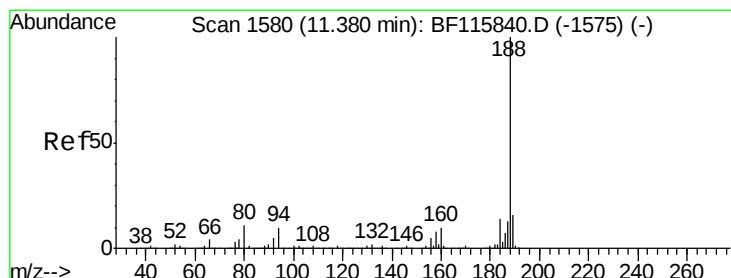
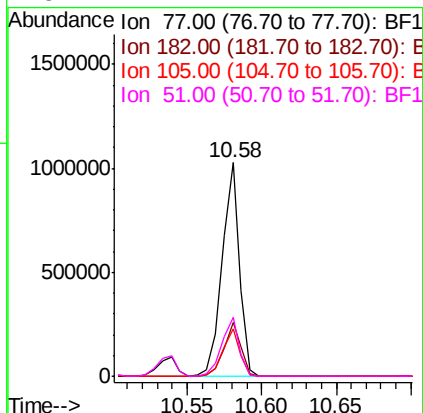
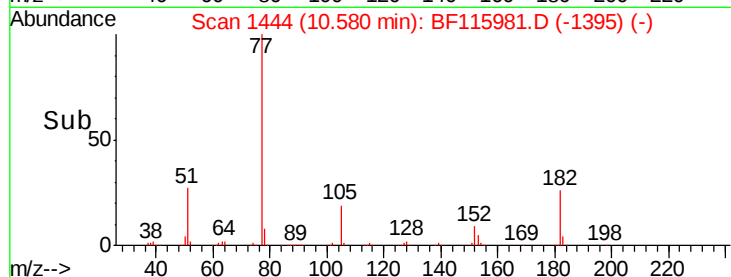
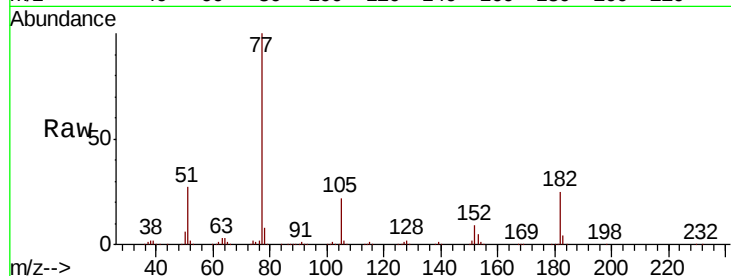




#63
Azobenzene
Concen: 43.550 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

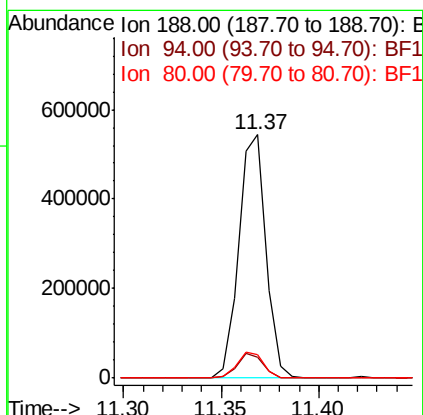
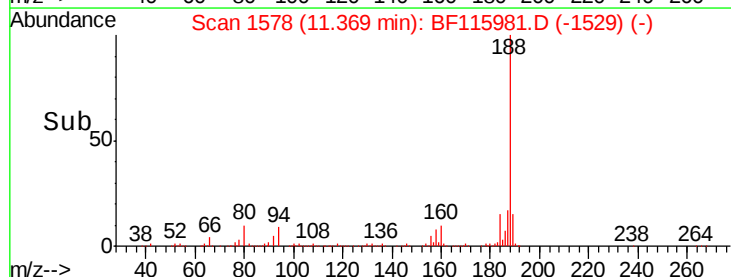
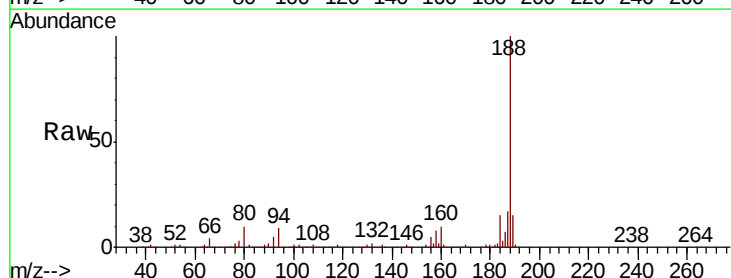
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	843193
Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.6	42.6
105	22.2	1.6	41.6
51	27.4	7.4	47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:	188	Resp:	522119
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.7	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 45.310 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

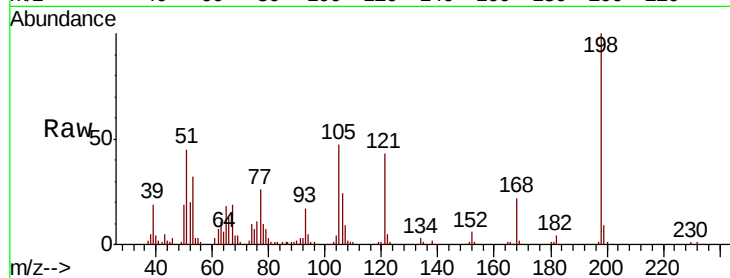
Tgt Ion:198 Resp: 125367

Ion Ratio Lower Upper

198 100

51 44.7 21.1 61.1

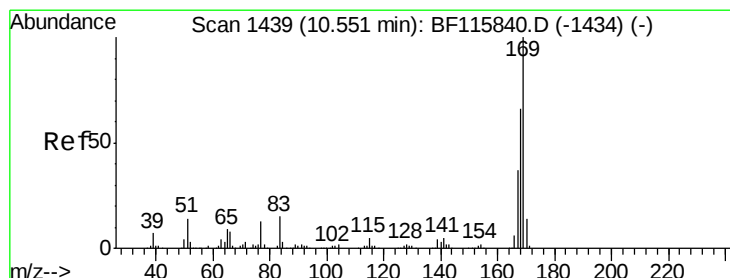
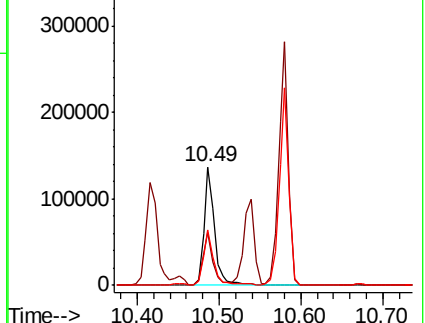
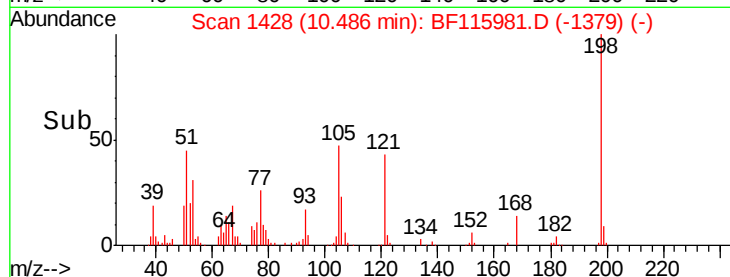
105 46.7 24.5 64.5



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: 42.866 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

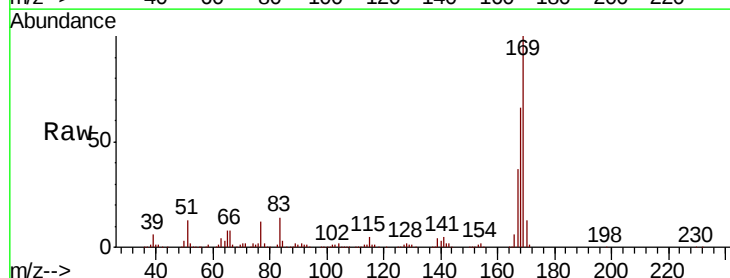
Tgt Ion:169 Resp: 673648

Ion Ratio Lower Upper

169 100

168 65.9 53.0 79.6

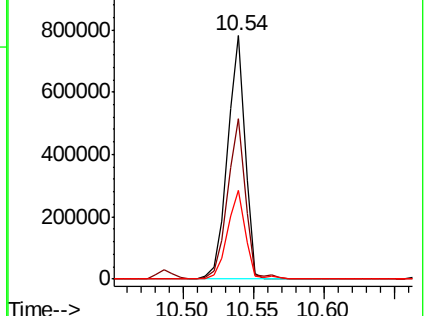
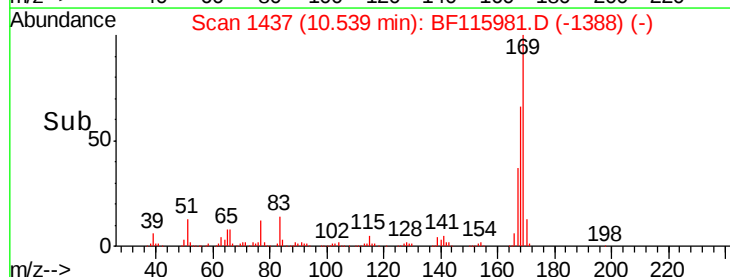
167 36.7 29.9 44.9

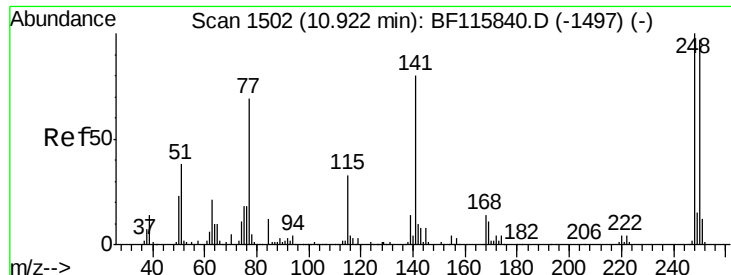


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

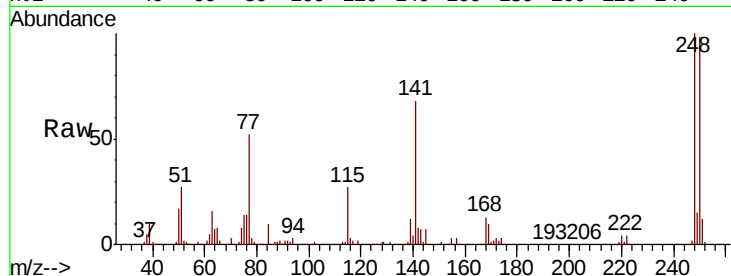




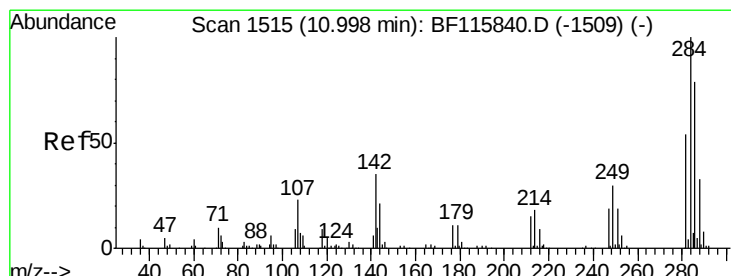
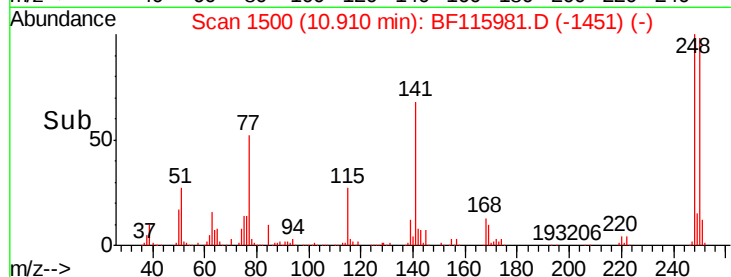
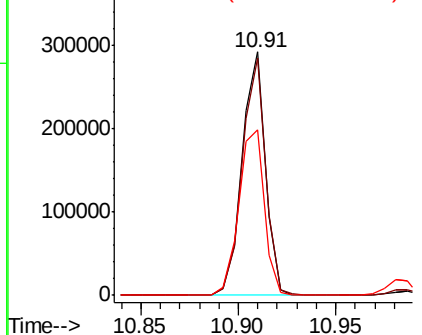
#67
 4-Bromophenyl-phenylether
 Concen: 43.377 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 242448
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.8 116.6
 141 67.8 64.3 96.5

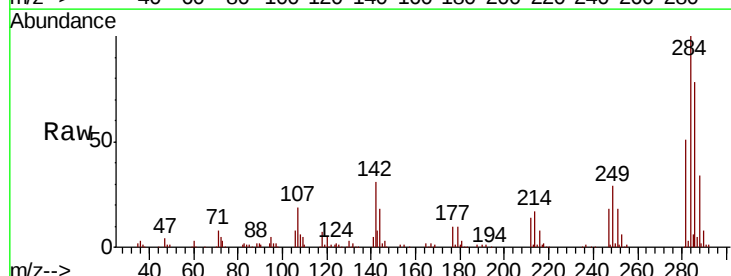


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

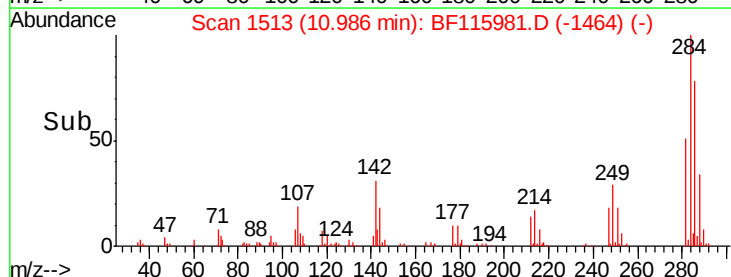
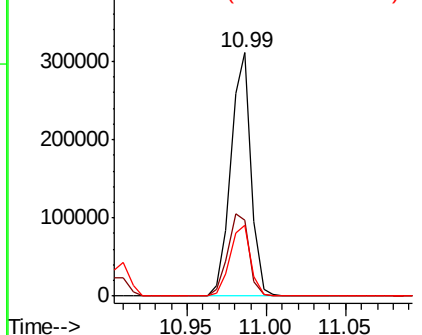


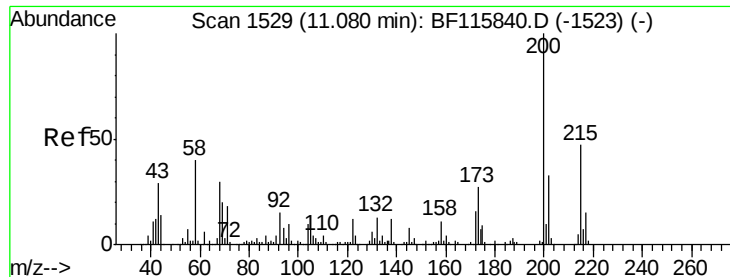
#68
 Hexachlorobenzene
 Concen: 42.557 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion:284 Resp: 275053
 Ion Ratio Lower Upper
 284 100
 142 31.1 28.2 42.2
 249 29.2 24.0 36.0



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: 33.320 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

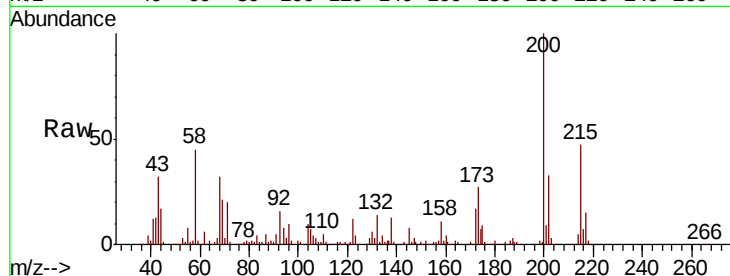
Tgt Ion:200 Resp: 172266

Ion Ratio Lower Upper

200 100

173 26.9 7.3 47.3

215 47.1 26.9 66.9

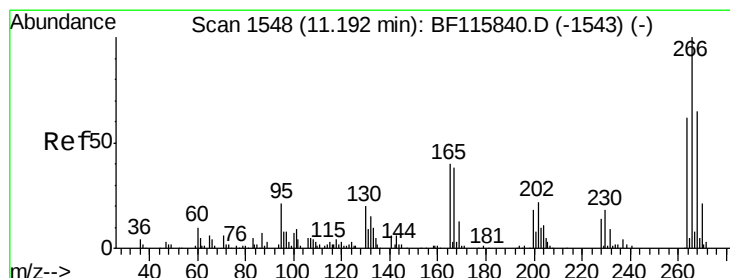
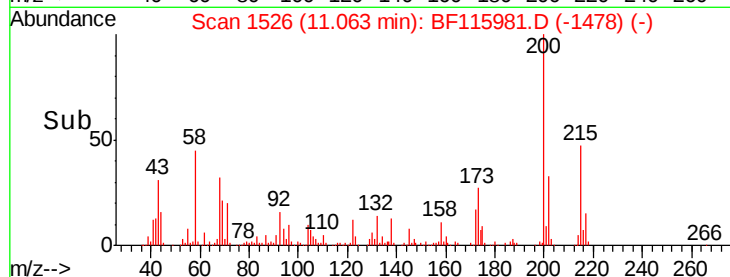
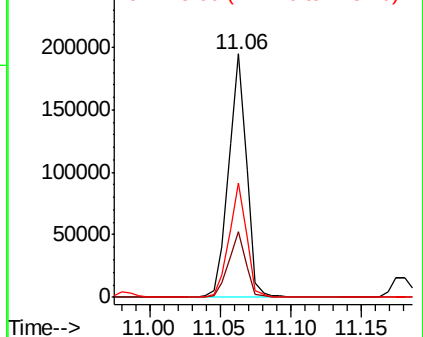


Abundance

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: 38.174 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

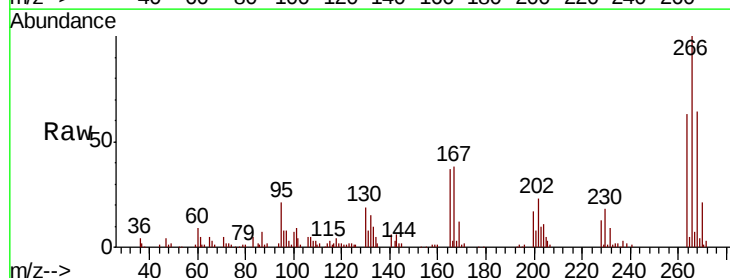
Tgt Ion:266 Resp: 119782

Ion Ratio Lower Upper

266 100

268 63.7 51.6 77.4

264 62.6 49.4 74.0

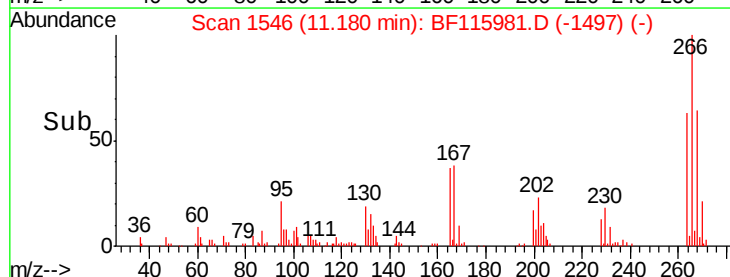
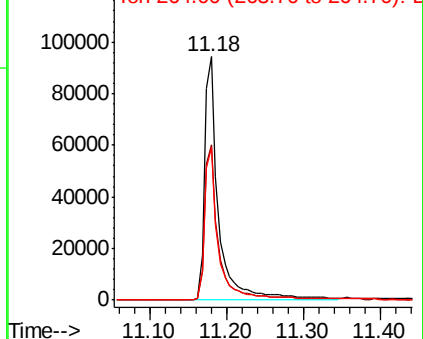


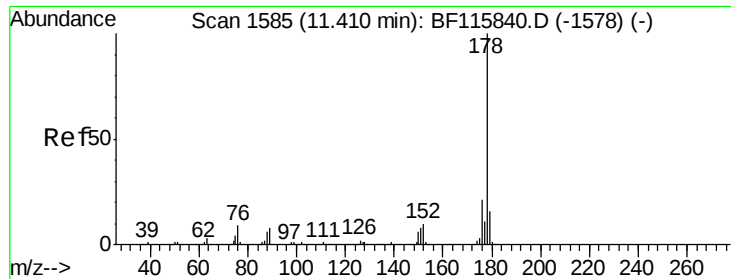
Abundance

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

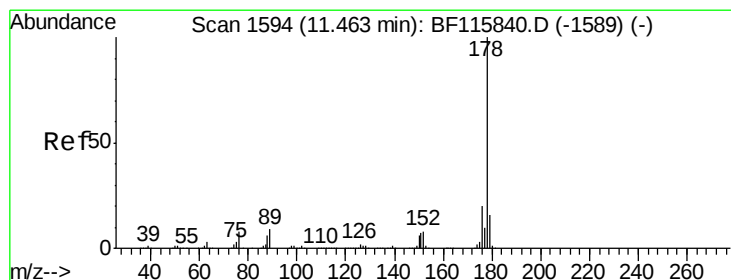
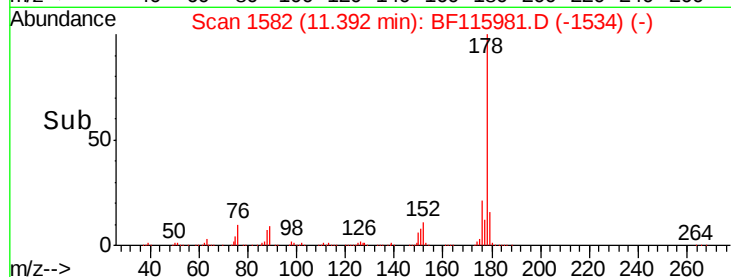
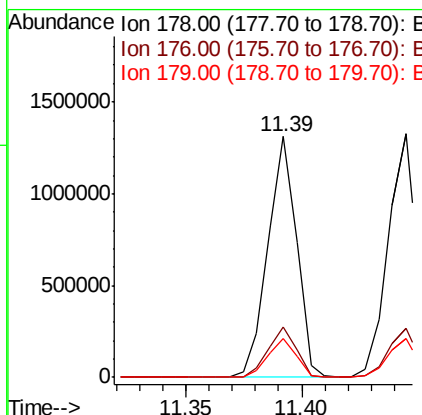
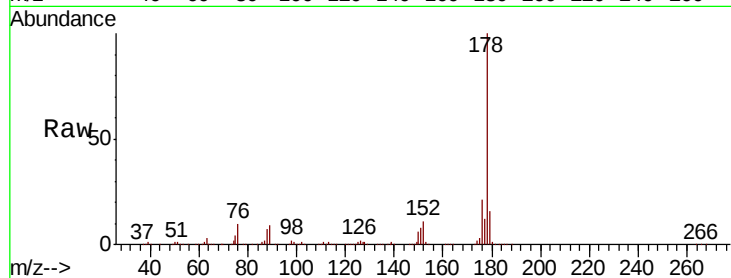




#71
Phenanthrene
Concen: 42.412 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

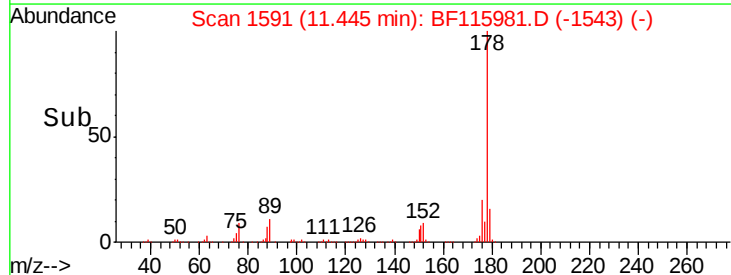
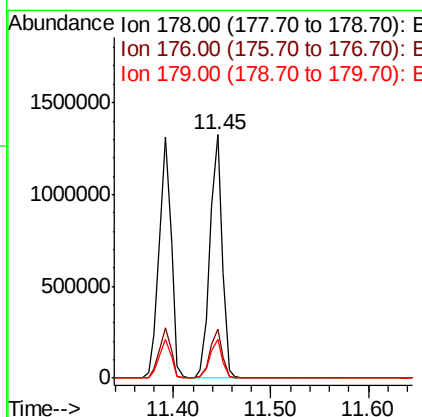
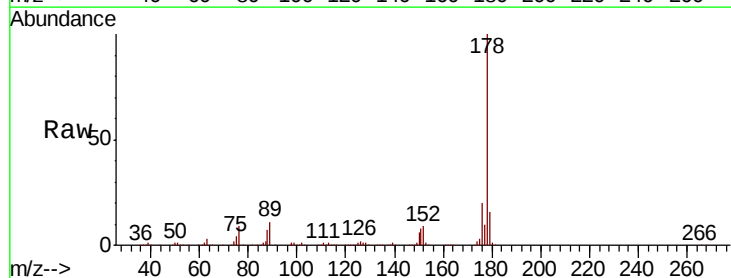
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1132050
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 16.1 12.6 18.8



#72
Anthracene
Concen: 42.860 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:178 Resp: 1157787
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.9 12.4 18.6





#73

Carbazole

Concen: 42.633 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

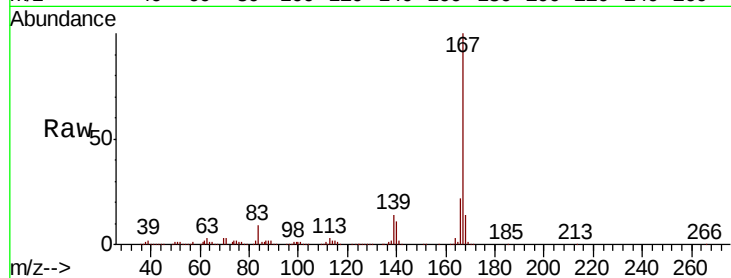
Tgt Ion:167 Resp: 1044850

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

139 13.8 11.4 17.2

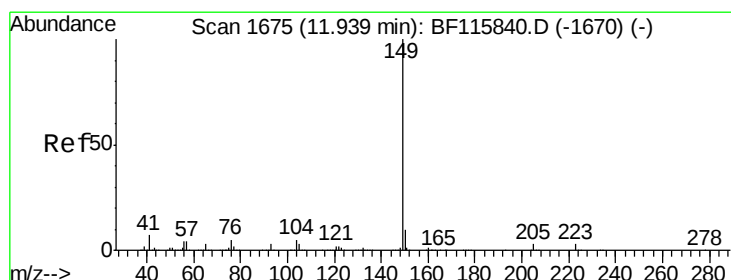
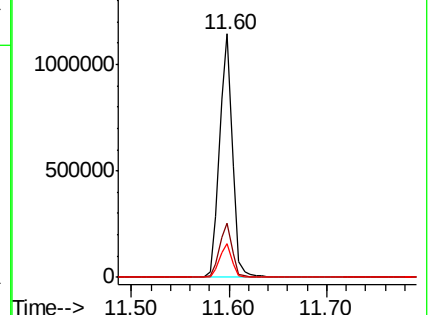
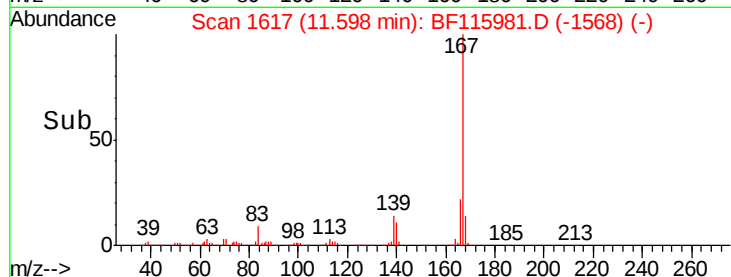


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.766 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

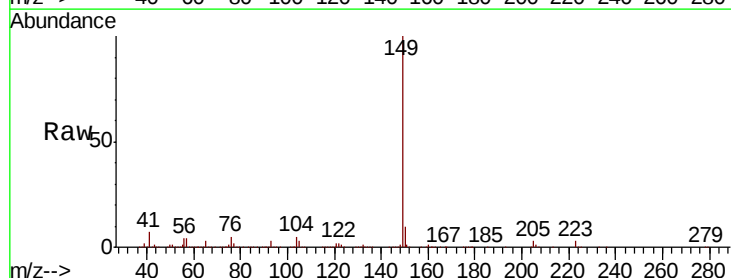
Tgt Ion:149 Resp: 1337005

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.4 4.3 6.5

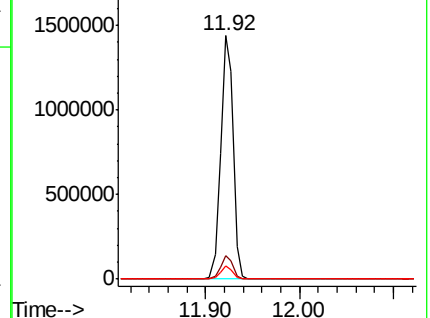
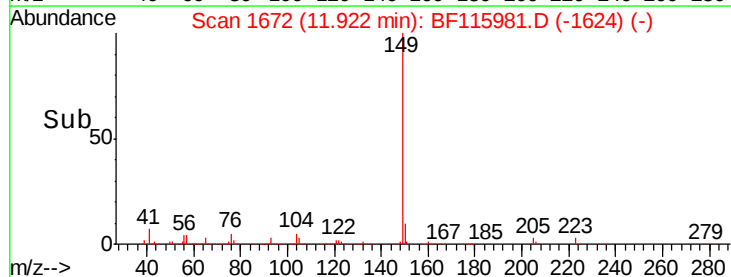


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

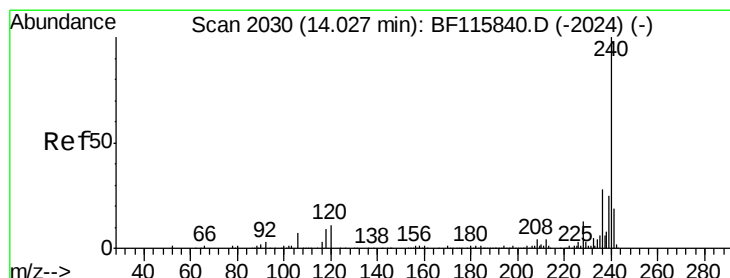
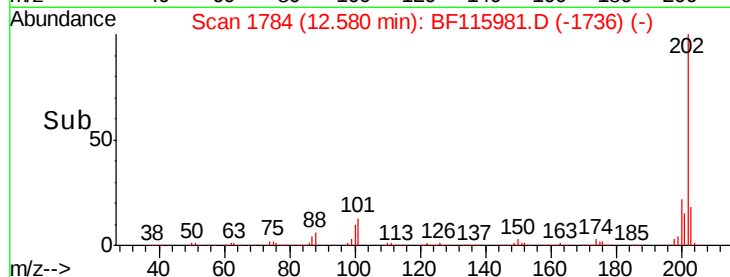
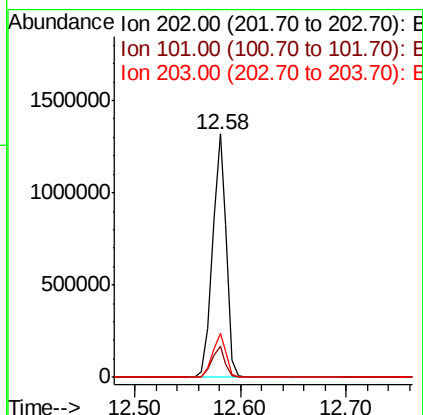
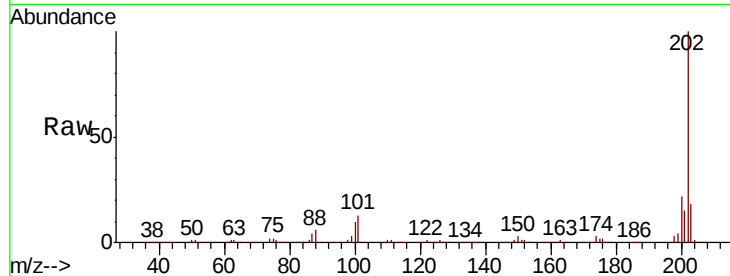




#75
 Fluoranthene
 Concen: 43.249 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

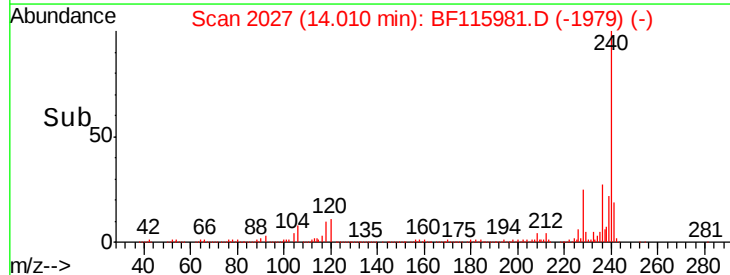
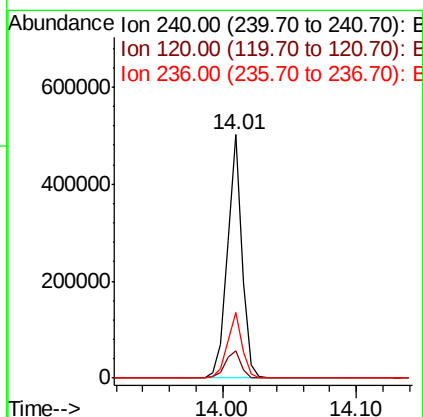
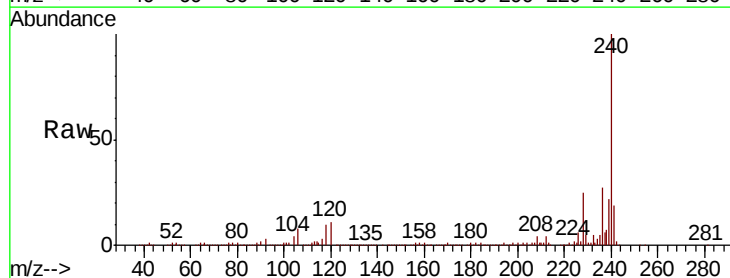
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1208549
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.5
 203 18.0 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115981.D
 Acq: 5 Aug 2019 14:34

Tgt Ion: 240 Resp: 388451
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.5 12.7
 236 27.2 22.2 33.2





#77

Benzidine

Concen: 39.218 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

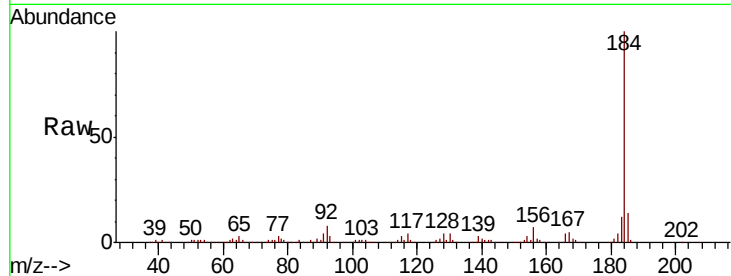
Tgt Ion:184 Resp: 514681

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

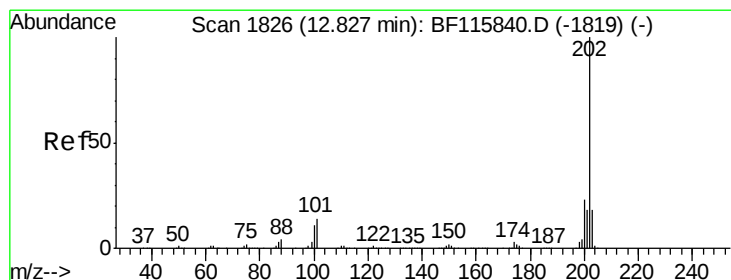
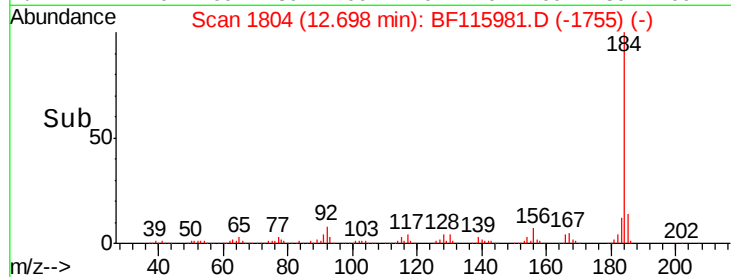
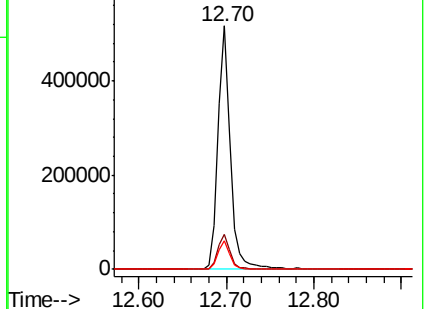
183 11.5 9.1 13.7



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: 42.060 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

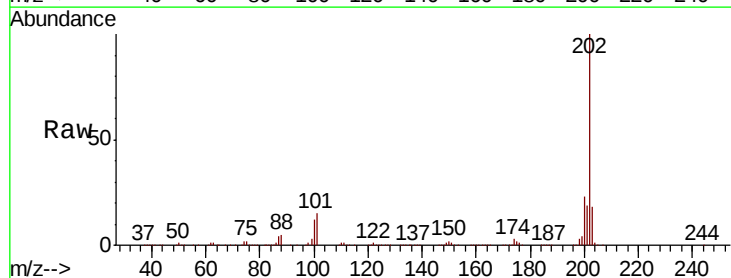
Tgt Ion:202 Resp: 1231612

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

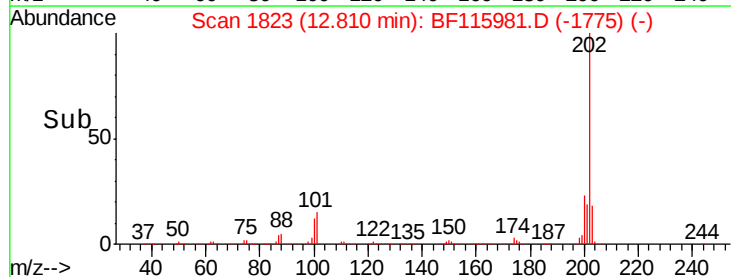
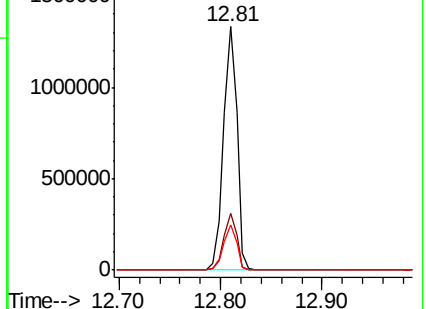
203 18.3 14.3 21.5



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: 84.797 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

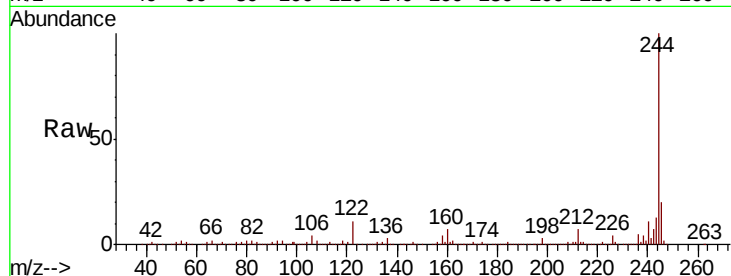
Tgt Ion:244 Resp: 1563221

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

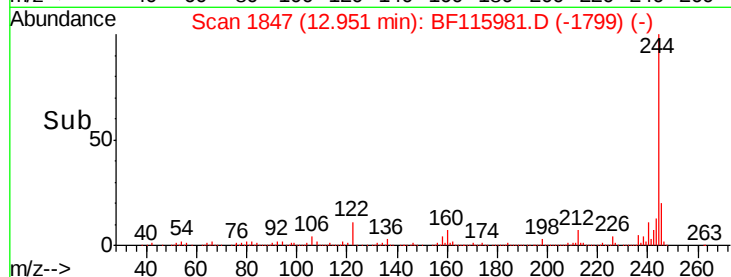
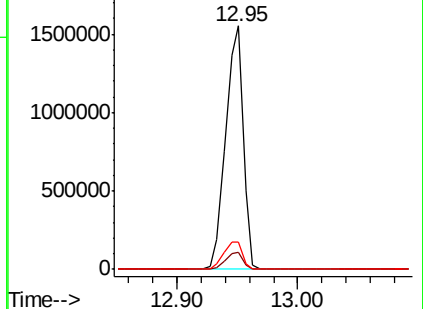
122 11.2 8.6 13.0



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: 44.845 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

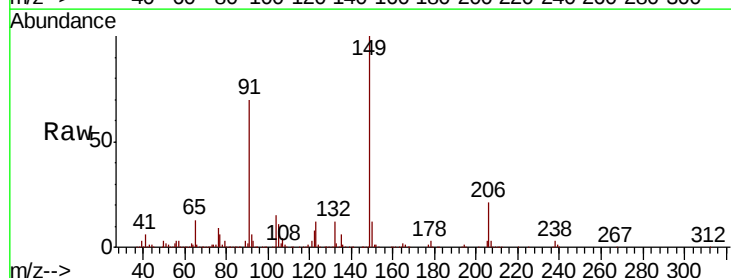
Tgt Ion:149 Resp: 555465

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.6

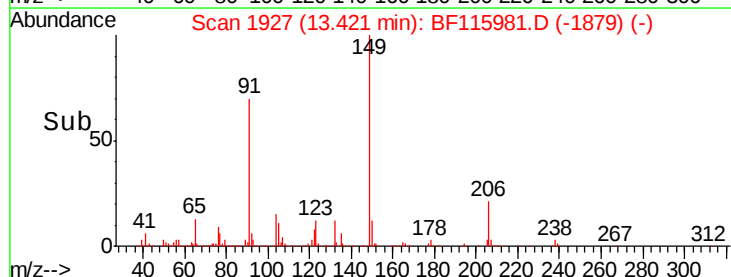
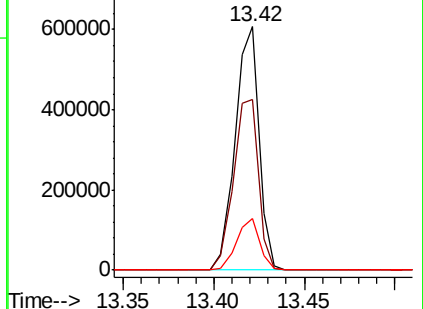
206 21.5 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.049 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

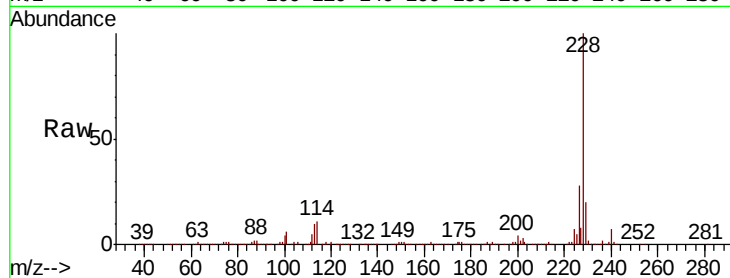
Tgt Ion:228 Resp: 1068836

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

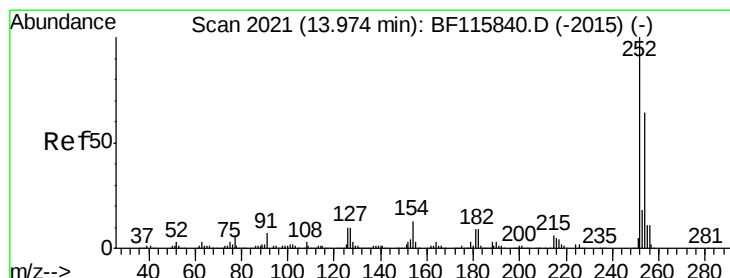
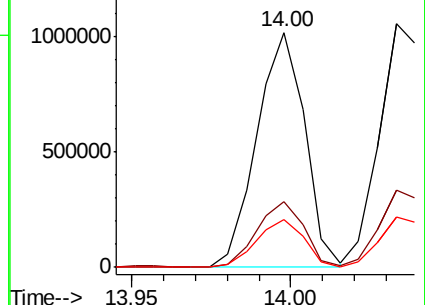
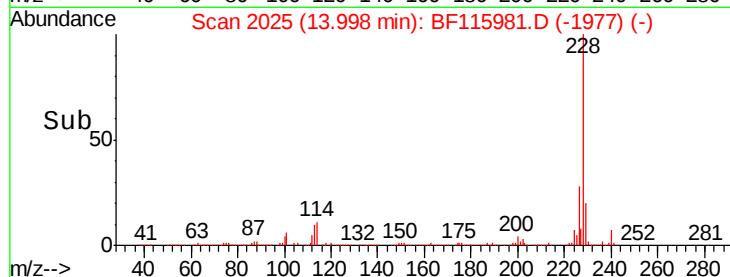
229 20.2 16.1 24.1



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: 42.595 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

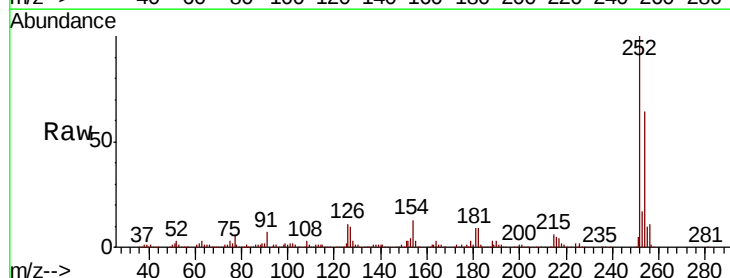
Tgt Ion:252 Resp: 367415

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

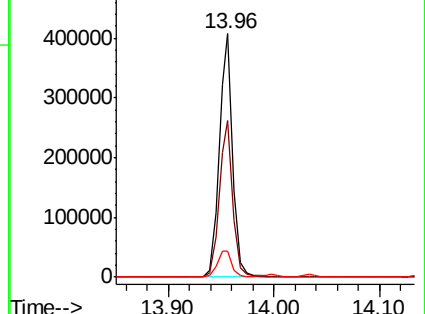
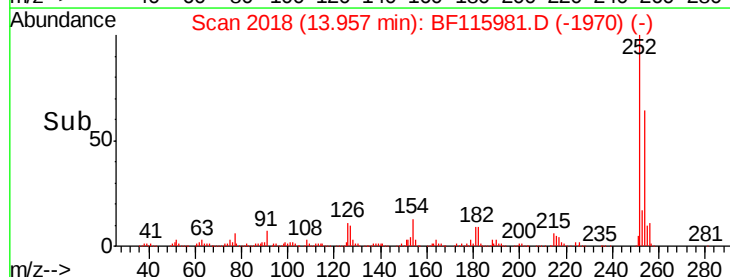
126 10.8 8.1 12.1

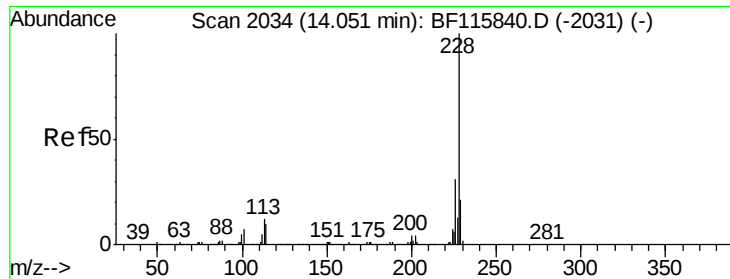


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.878 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

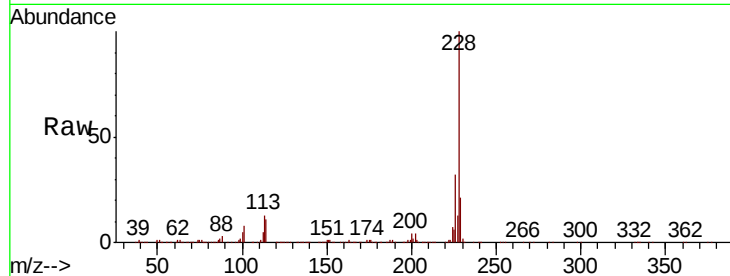
Tgt Ion:228 Resp: 1009459

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

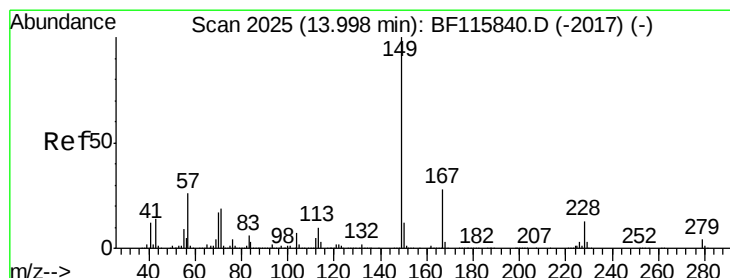
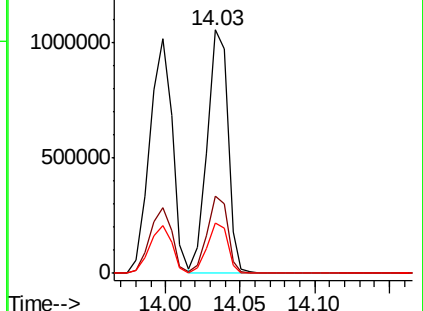
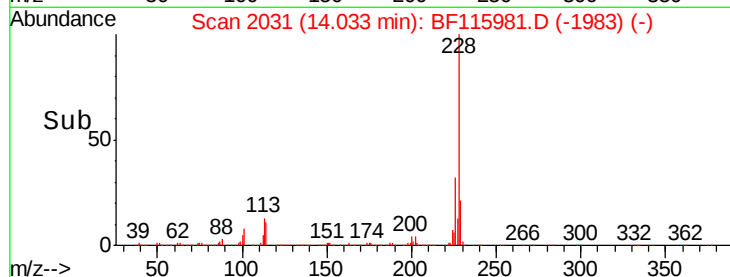
229 20.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.851 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

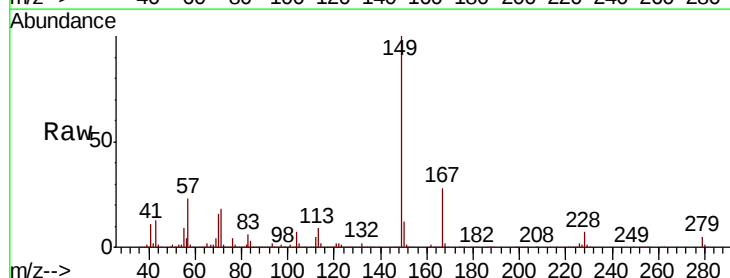
Tgt Ion:149 Resp: 770216

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

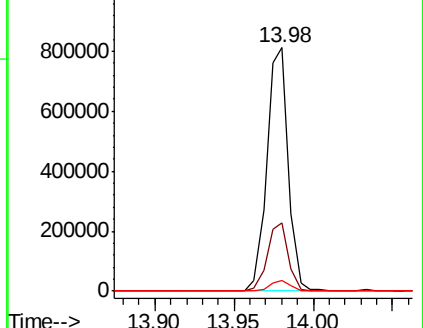
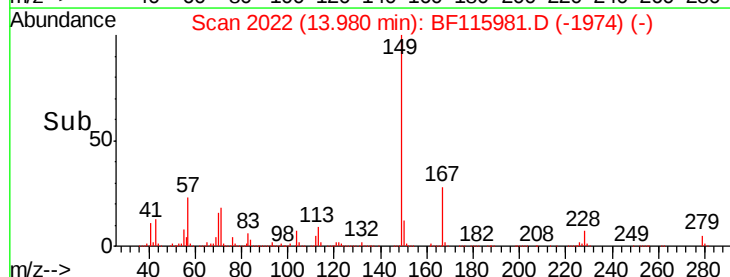
279 4.6 3.3 4.9

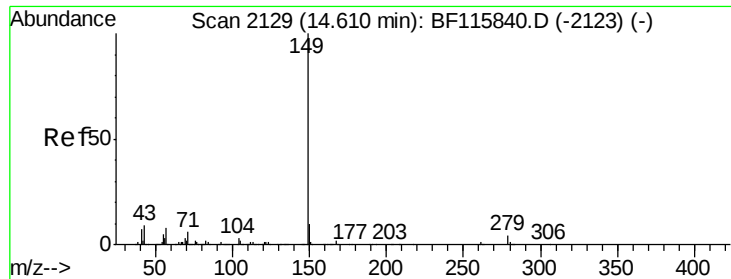


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

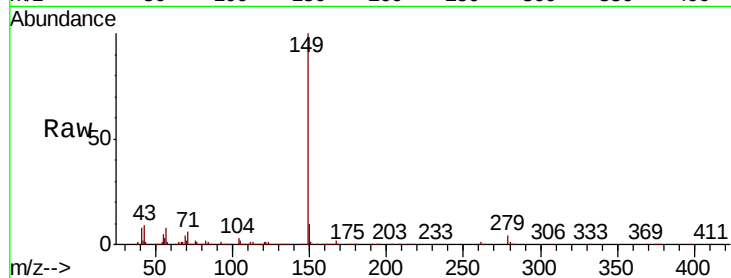




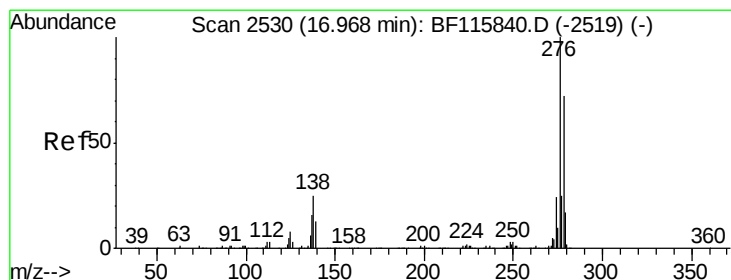
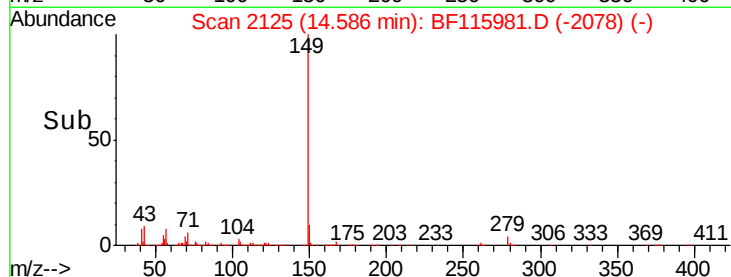
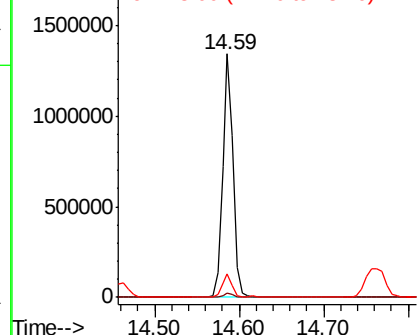
#85
Di-n-octyl phthalate
Concen: 45.891 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1173276
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 7.4 11.0

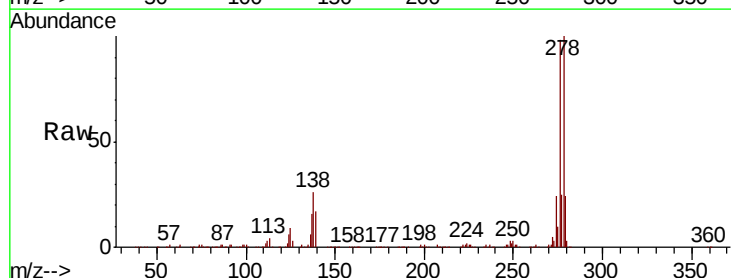


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

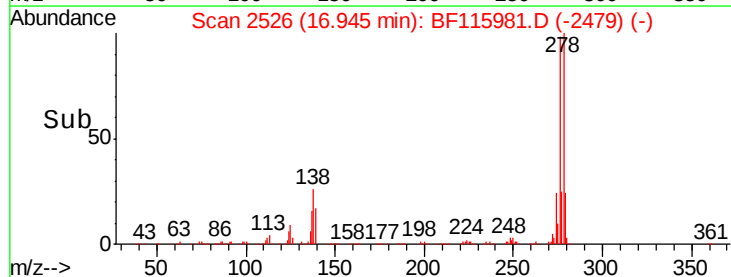
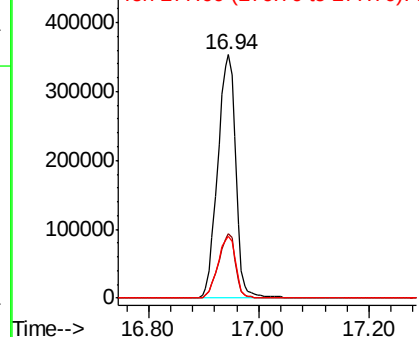


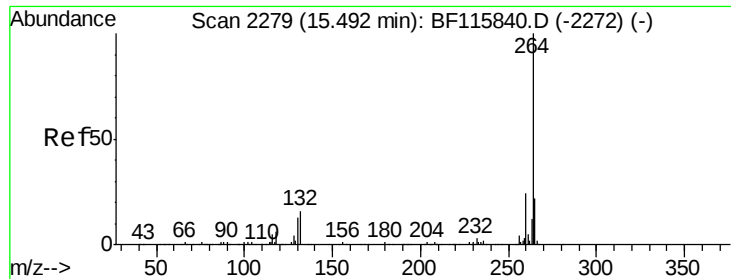
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.918 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion:276 Resp: 808143
Ion Ratio Lower Upper
276 100
138 25.1 19.6 29.4
277 25.0 20.1 30.1



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

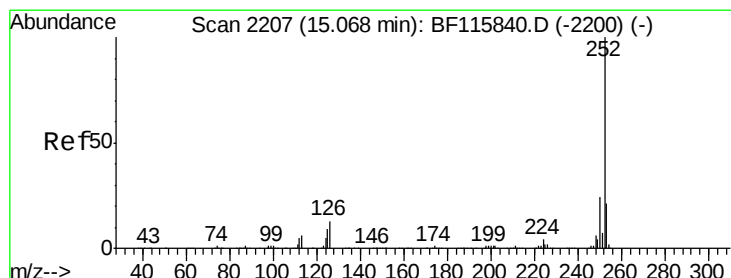
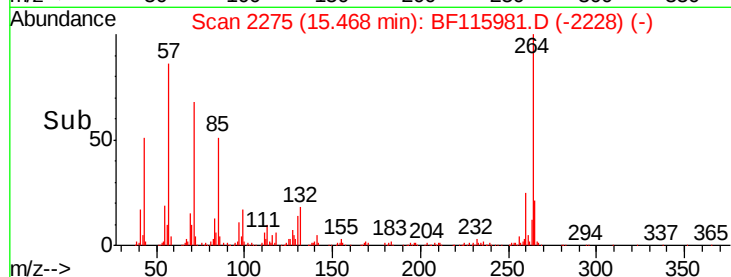
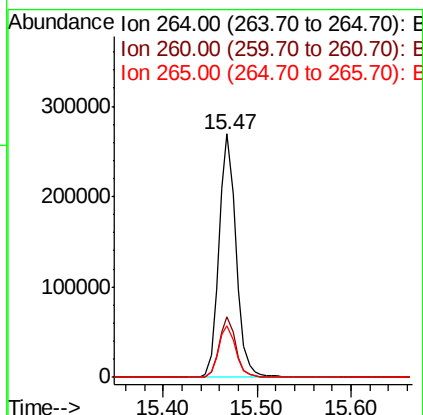
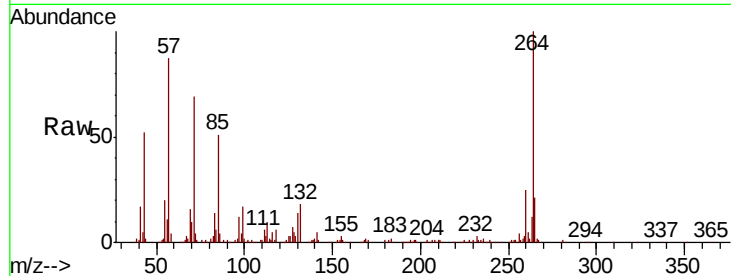




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

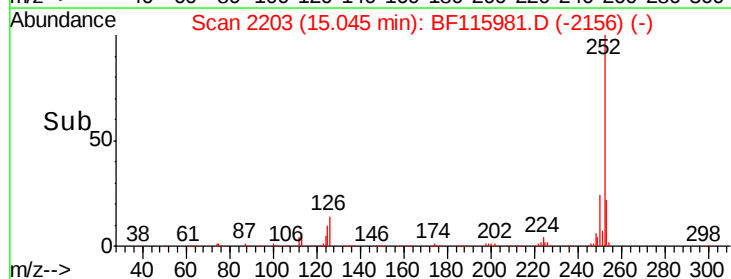
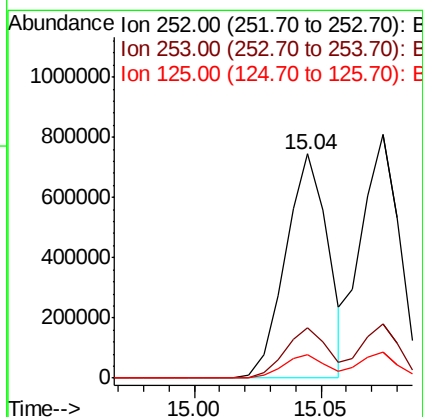
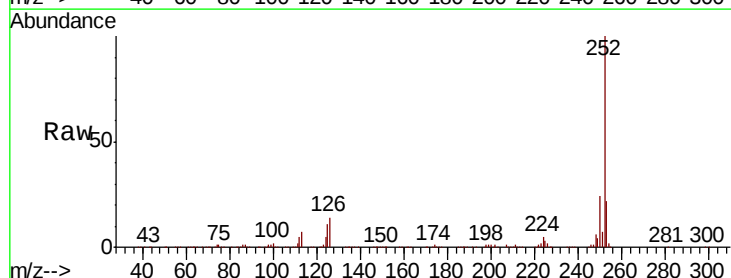
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

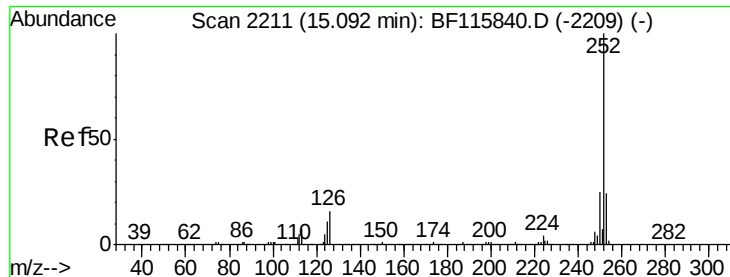
Tgt Ion: 264 Resp: 343071
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.3 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 43.927 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF115981.D
Acq: 5 Aug 2019 14:34

Tgt Ion: 252 Resp: 871377
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.568 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

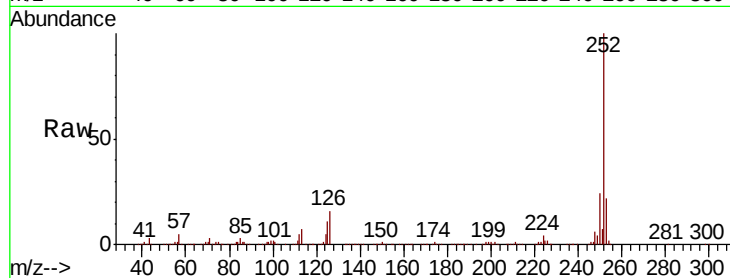
Tgt Ion:252 Resp: 861116

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

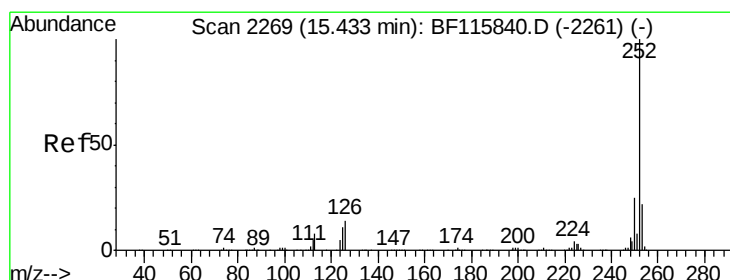
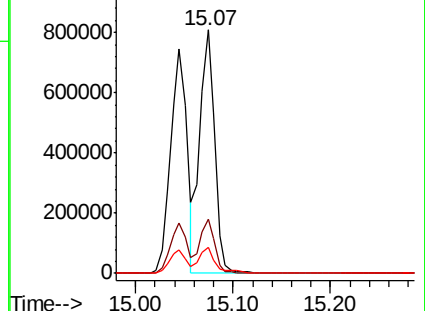
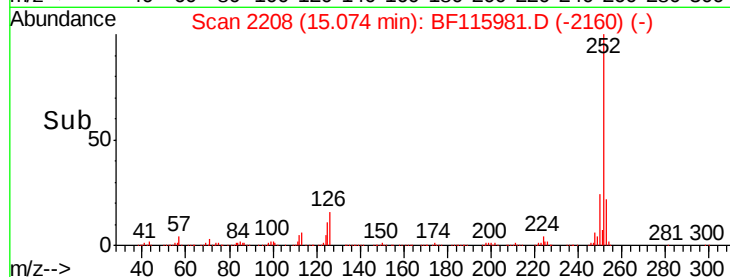
125 10.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.041 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

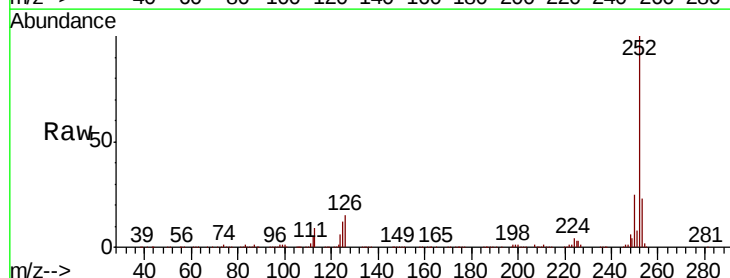
Tgt Ion:252 Resp: 780963

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

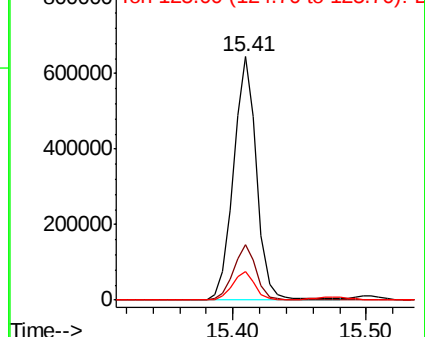
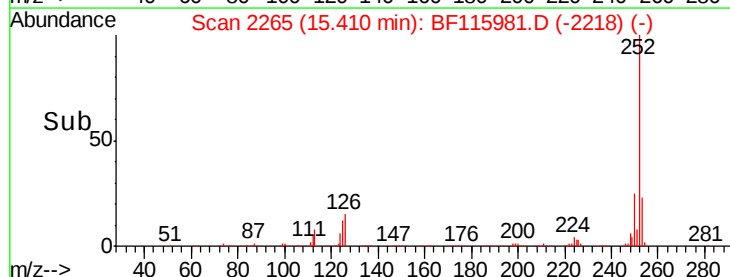
125 11.7 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 43.515 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.03 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

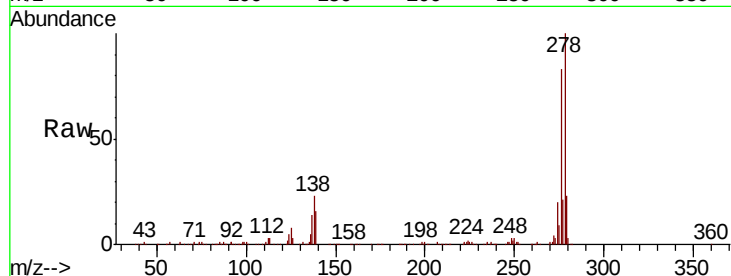
Tgt Ion: 278 Resp: 667926

Ion Ratio Lower Upper

278 100

139 15.8 12.6 19.0

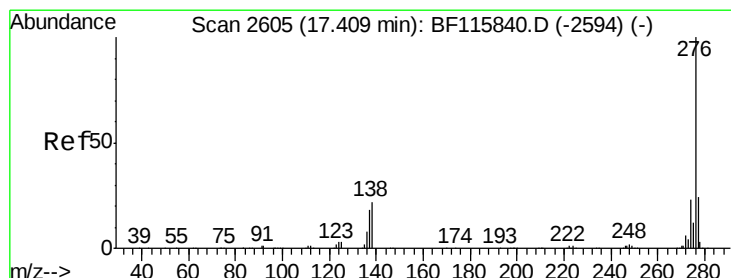
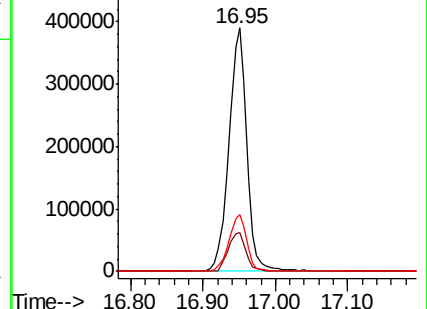
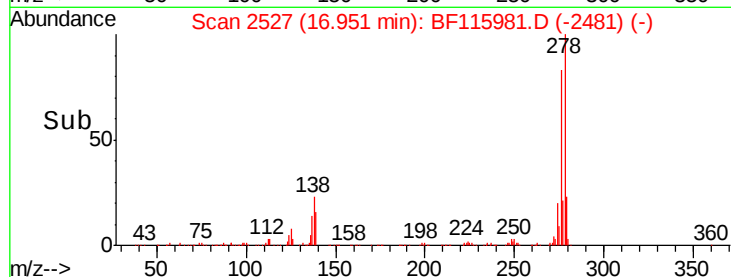
279 23.4 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.091 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BF115981.D

Acq: 5 Aug 2019 14:34

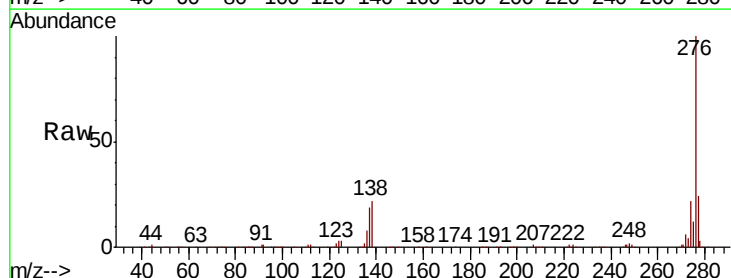
Tgt Ion: 276 Resp: 634509

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 22.4 17.8 26.8



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

