

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114988.D
 Acq On : 13 Jun 2019 8:13
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 13 17:30:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	335188	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1357590	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	660440	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1273505	20.00	ng	0.00
76) Chrysene-d12	13.78	240	698142	20.00	ng	0.00
87) Perylene-d12	15.14	264	761605	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	1606505	80.03	ng	0.00
7) Phenol-d6	6.30	99	1960238	80.95	ng	0.00
23) Nitrobenzene-d5	7.22	82	1816644	80.55	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	581050	82.16	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	3081873	79.09	ng	0.00
79) Terphenyl-d14	12.73	244	2985326	80.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	383788	40.845	ng	100
3) Pyridine	2.95	79	1083087	40.942	ng	99
4) n-Nitrosodimethylamine	2.90	42	388294	41.343	ng	97
6) Aniline	6.32	93	1307988	40.335	ng	88
8) 2-Chlorophenol	6.44	128	925577	40.664	ng	100
9) Benzaldehyde	6.19	77	570937	42.065	ng	99
10) Phenol	6.31	94	1077261	39.763	ng	100
11) bis(2-Chloroethyl)ether	6.39	93	861723	40.980	ng	100
12) 1,3-Dichlorobenzene	6.59	146	1066630	40.119	ng	99
13) 1,4-Dichlorobenzene	6.67	146	1068382	39.971	ng	99
14) 1,2-Dichlorobenzene	6.82	146	968865	38.502	ng	99
15) Benzyl Alcohol	6.80	79	707088	38.974	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	1145287	40.695	ng	99
17) 2-Methylphenol	6.92	107	784429	41.317	ng	99
18) Hexachloroethane	7.16	117	396254	41.051	ng	100
19) n-Nitroso-di-n-propylamine	7.08	70	592290	40.258	ng	98
20) 3+4-Methylphenols	7.07	107	864278	38.250	ng	95
22) Acetophenone	7.07	105	1240806	40.376	ng	98
24) Nitrobenzene	7.24	77	948301	41.324	ng	98
25) Isophorone	7.48	82	1736575	41.110	ng	100
26) 2-Nitrophenol	7.55	139	528276	41.301	ng	100
27) 2,4-Dimethylphenol	7.60	122	749348	40.611	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	1098028	40.515	ng	99
29) 2,4-Dichlorophenol	7.80	162	808388	41.471	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	917003	40.713	ng	98
31) Naphthalene	7.96	128	2554517	39.769	ng	100
32) Benzoic acid	7.75	122	556543	41.686	ng	97
33) 4-Chloroaniline	8.00	127	1231575	41.537	ng	99
34) Hexachlorobutadiene	8.08	225	510277	40.759	ng	100
35) Caprolactam	8.39	113	279636	43.072	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	816308	41.555	ng	99
37) 2-Methylnaphthalene	8.65	142	1712380	39.970	ng	99
38) 1-Methylnaphthalene	8.74	142	1642795	40.571	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	787441	40.357	ng	100

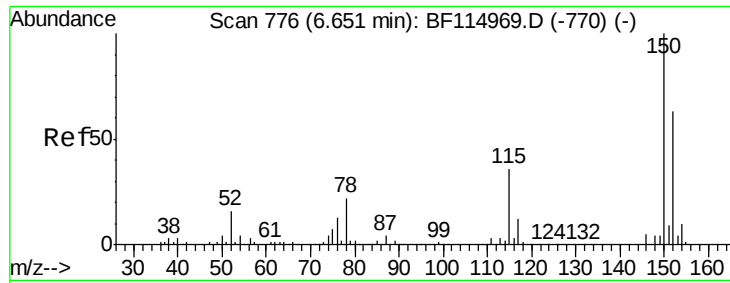
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	396158	41.204	nq	98
43) 2,4,6-Trichlorophenol	8.92	196	590926	40.548	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	617139	41.903	nq	98
46) 1,1'-Biphenyl	9.11	154	2013604	38.047	nq	100
47) 2-Chloronaphthalene	9.13	162	1728486	40.388	nq	99
48) 2-Nitroaniline	9.23	65	528027	41.743	nq	97
49) Acenaphthylene	9.55	152	2514920	38.220	nq	100
50) Dimethylphthalate	9.42	163	2015729	40.584	nq	99
51) 2,6-Dinitrotoluene	9.47	165	468833	41.613	nq	# 83
52) Acenaphthene	9.72	154	1492261	39.639	nq	99
53) 3-Nitroaniline	9.64	138	566709	41.054	nq	100
54) 2,4-Dinitrophenol	9.75	184	230889	42.251	nq	97
55) Dibenzofuran	9.89	168	2129432	37.531	nq	98
56) 4-Nitrophenol	9.80	139	404698	42.514	nq	98
57) 2,4-Dinitrotoluene	9.87	165	597045	41.635	nq	98
58) Fluorene	10.23	166	1544152	39.877	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	491021	41.274	nq	99
60) Diethylphthalate	10.11	149	1905729	40.129	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	762736	39.817	nq	98
62) 4-Nitroaniline	10.25	138	586583	42.264	nq	98
63) Azobenzene	10.38	77	1679533	40.425	nq	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	300281	42.069	nq	97
66) n-Nitrosodiphenylamine	10.34	169	1545800	40.607	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	556888	40.727	nq	94
68) Hexachlorobenzene	10.77	284	612028	40.656	nq	95
69) Atrazine	10.87	200	495207	40.348	nq	99
70) Pentachlorophenol	10.96	266	359325	43.952	nq	98
71) Phenanthrene	11.18	178	2501602	38.045	nq	100
72) Anthracene	11.23	178	2524716	38.061	nq	100
73) Carbazole	11.39	167	2332845	40.292	nq	100
74) Di-n-butylphthalate	11.73	149	2755281	37.748	nq	99
75) Fluoranthene	12.36	202	2567381	38.185	nq	98
77) Benzidine	12.48	184	1169546	41.417	nq	98
78) Pyrene	12.59	202	2595525	40.811	nq	100
80) Butylbenzylphthalate	13.21	149	1245545	41.929	nq	96
81) Benzo(a)anthracene	13.76	228	2179866	41.725	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	853054	42.590	nq	# 99
83) Chrysene	13.80	228	2128294	40.967	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1434548	40.860	nq	99
85) Di-n-octyl phthalate	14.38	149	2504401	41.423	nq	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1964460	43.047	nq	100
88) Benzo(b)fluoranthene	14.77	252	1923645	37.995	nq	99
89) Benzo(k)fluoranthene	14.80	252	1872789	42.143	nq	97
90) Benzo(a)pyrene	15.10	252	1776203	40.657	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1573756	41.829	nq	99
92) Benzo(g,h,i)perylene	16.84	276	1611233	41.992	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

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SSTDCCC040

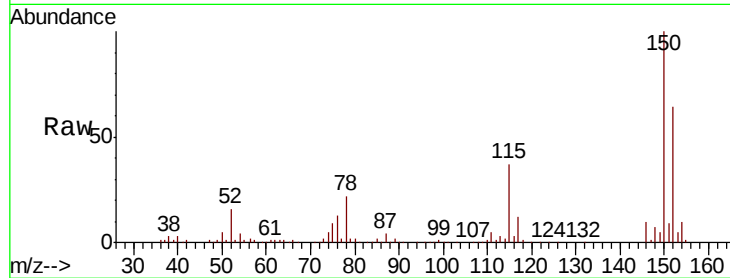
Tot Ion:152 Resp: 335188

Ion Ratio Lower Upper

152 100

150 155.5 127.4 191.0

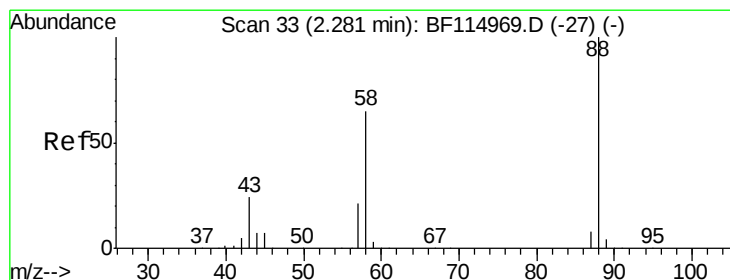
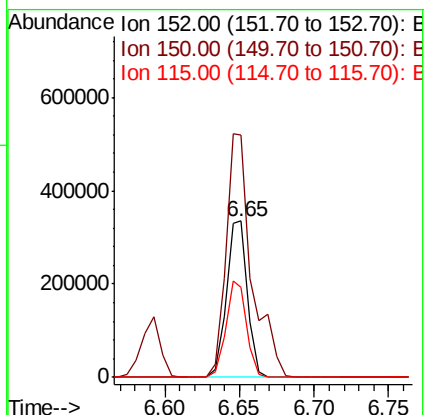
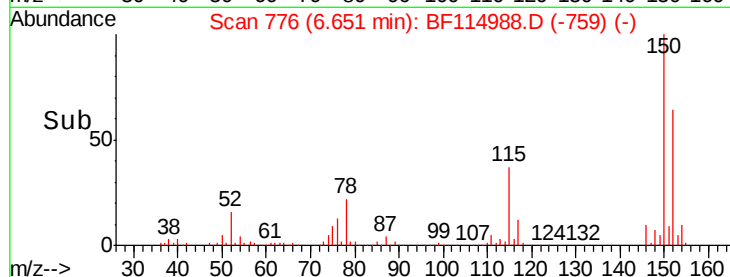
115 57.6 46.0 69.0



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: 40.845 ng

RT: 2.28 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

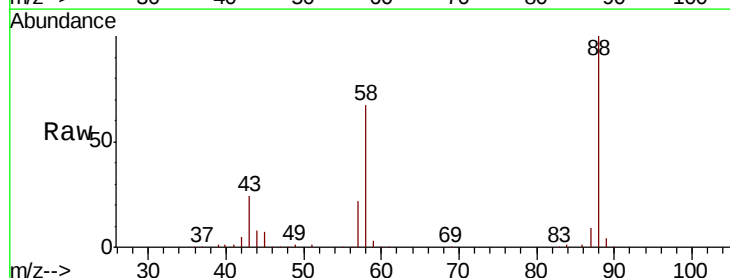
Tgt Ion: 88 Resp: 383788

Ion Ratio Lower Upper

88 100

58 66.5 53.4 80.2

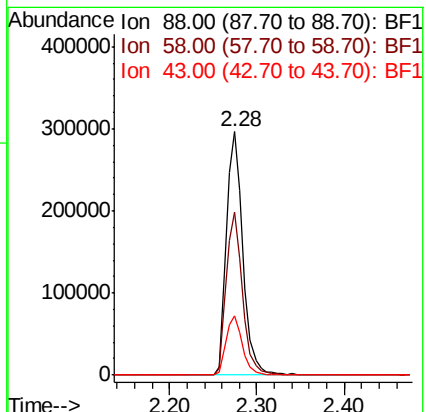
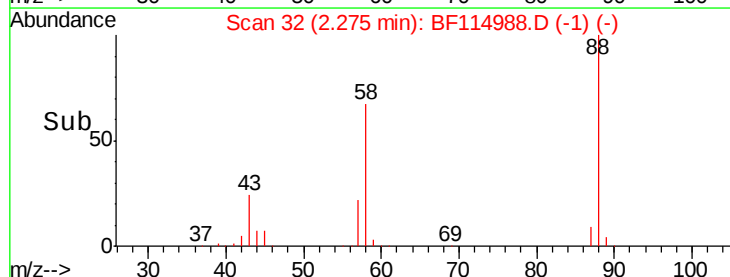
43 24.4 19.7 29.5

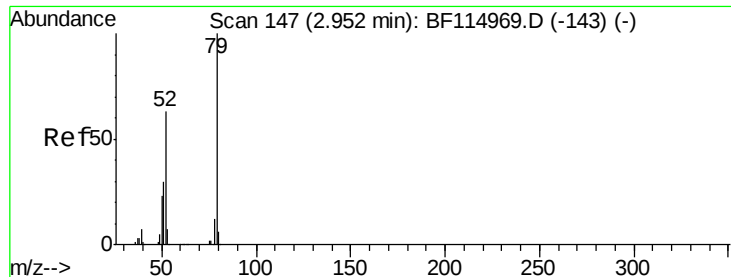


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.942 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

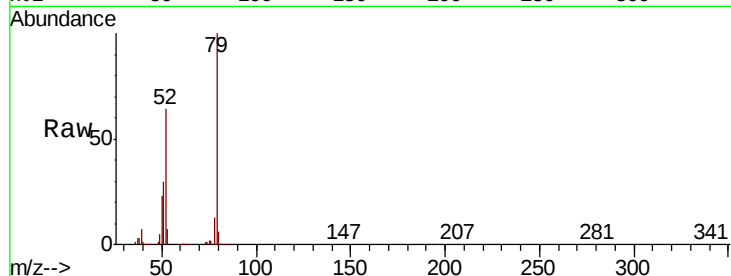
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1083087

Ion	Ratio	Lower	Upper
79	100		
52	63.7	50.3	75.5
51	30.4	24.4	36.6

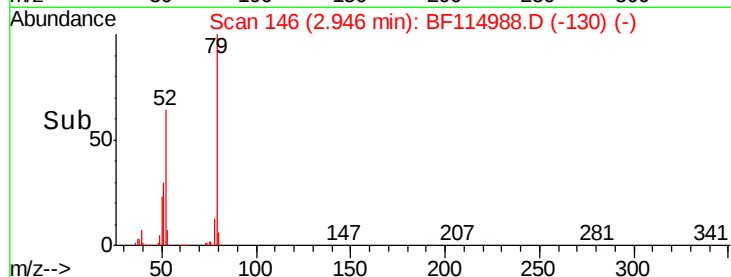


Abundance

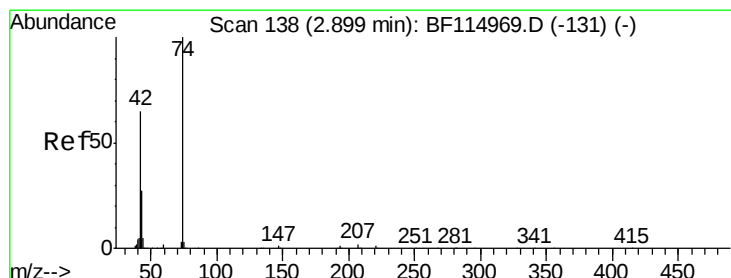
Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#4

n-Nitrosodimethylamine

Concen: 41.343 ng

RT: 2.90 min Scan# 139

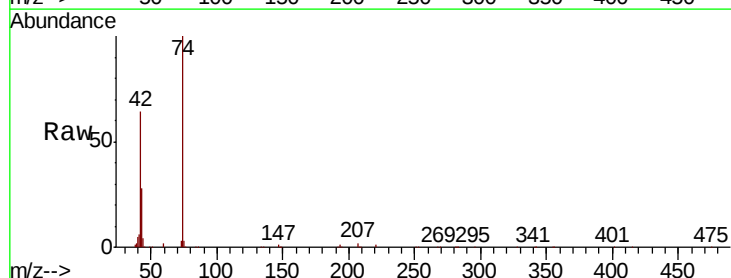
Delta R.T. 0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Tgt Ion: 42 Resp: 388294

Ion	Ratio	Lower	Upper
42	100		
74	156.0	122.2	183.2
44	6.5	5.8	8.8

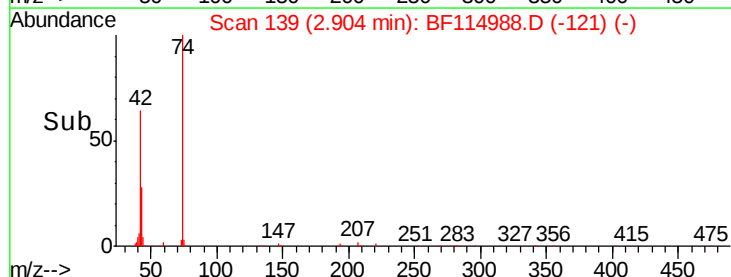


Abundance

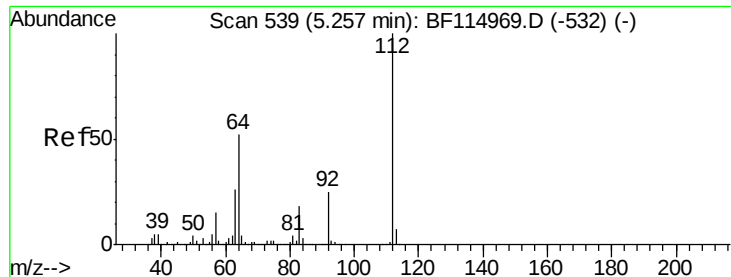
Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



Time-->



#5

2-Fluorophenol

Concen: 80.030 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

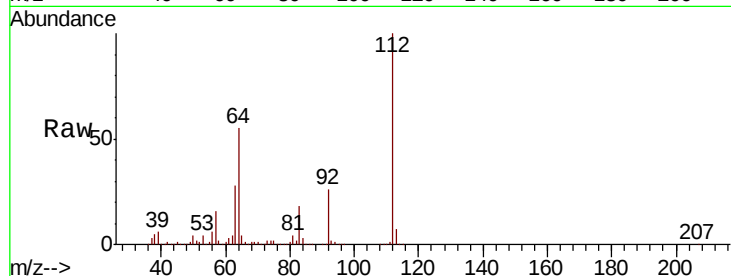
Tot Ion:112 Resp: 1606505

Ion Ratio Lower Upper

112 100

64 54.9 41.6 62.4

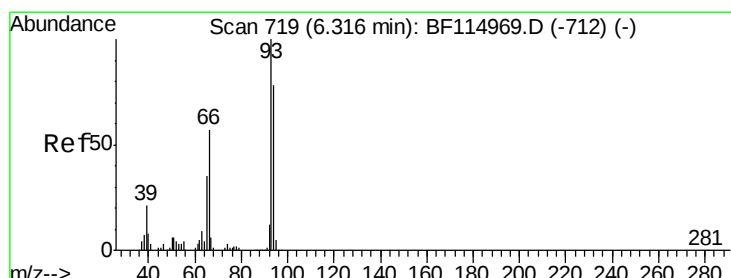
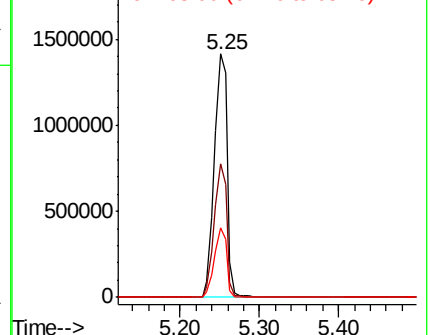
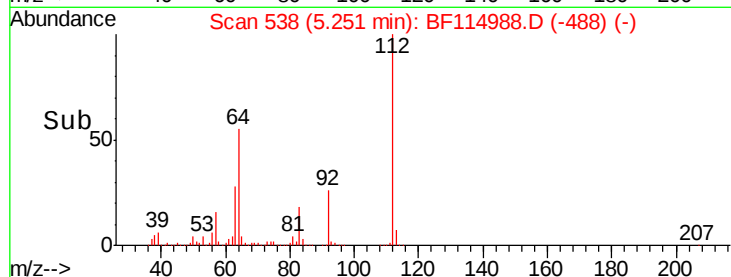
63 28.5 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.335 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

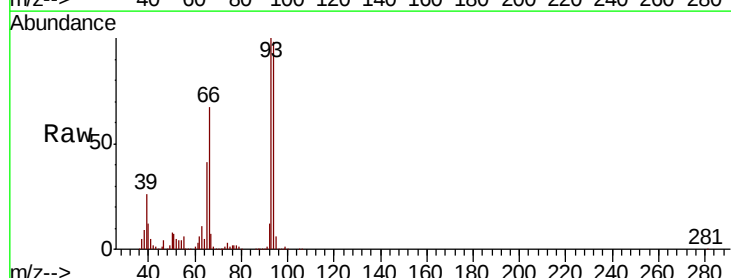
Tgt Ion: 93 Resp: 1307988

Ion Ratio Lower Upper

93 100

66 66.9 46.2 69.2

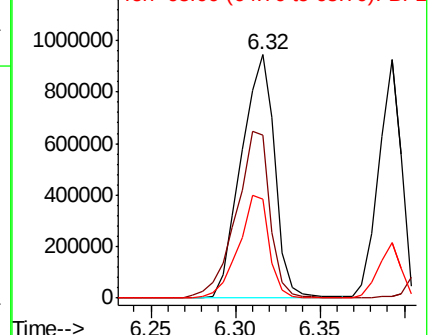
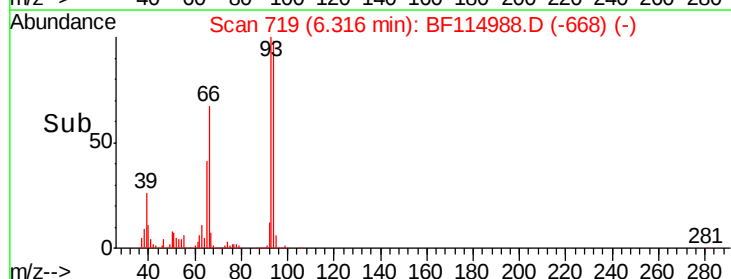
65 40.6 27.7 41.5

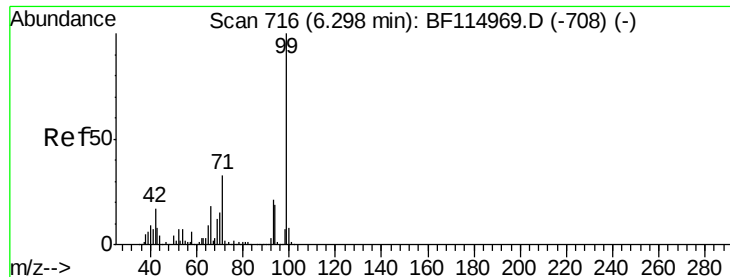


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.953 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114988.D

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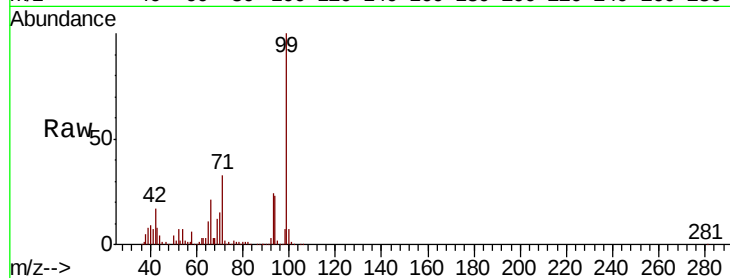
Tot Ion: 99 Resp: 1960238

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.2

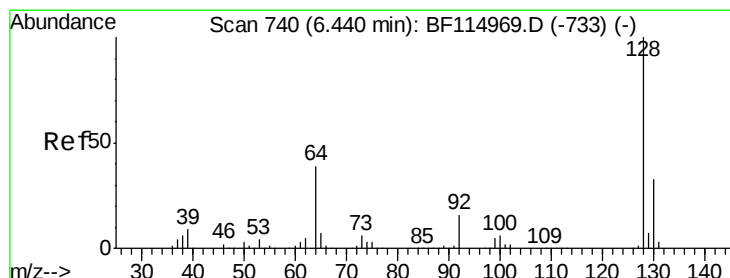
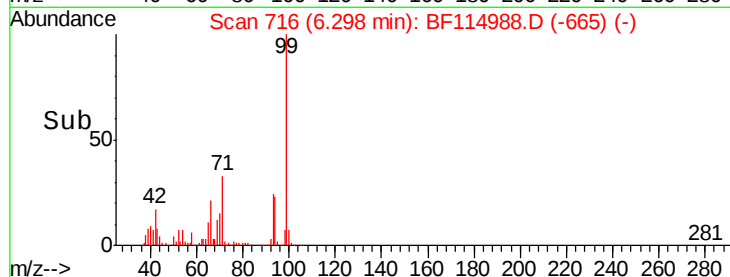
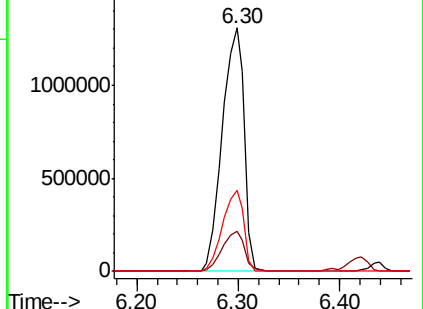
71 33.5 26.4 39.6



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: 40.664 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

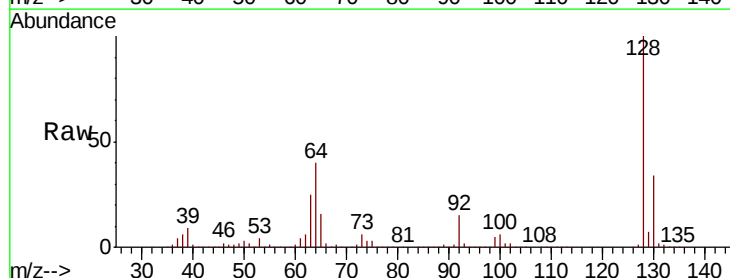
Tgt Ion: 128 Resp: 925577

Ion Ratio Lower Upper

128 100

130 33.8 13.4 53.4

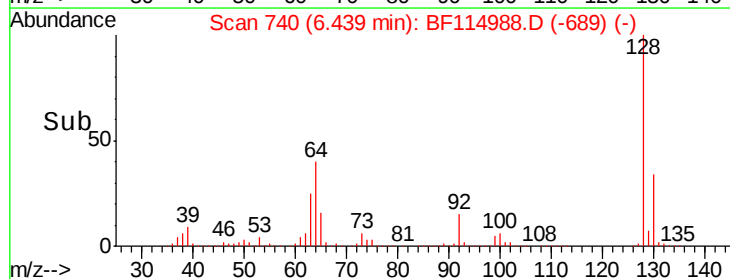
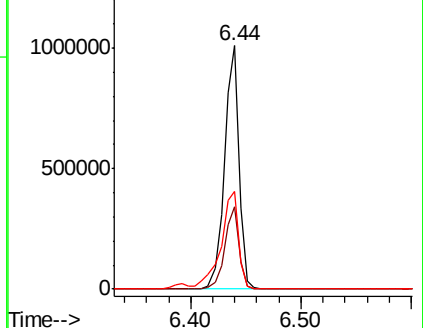
64 40.0 20.1 60.1

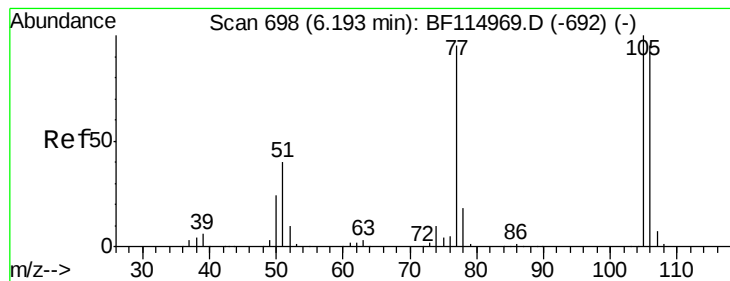


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.065 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

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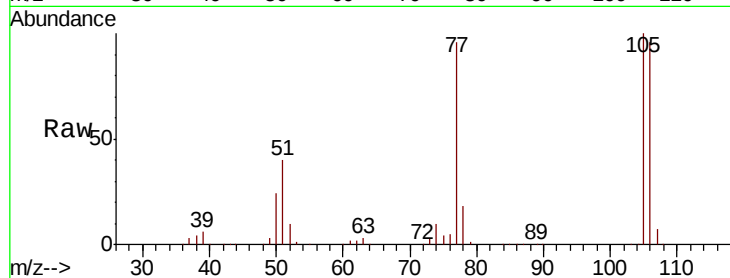
Tot Ion: 77 Resp: 570937

Ion Ratio Lower Upper

77 100

105 103.8 85.1 125.1

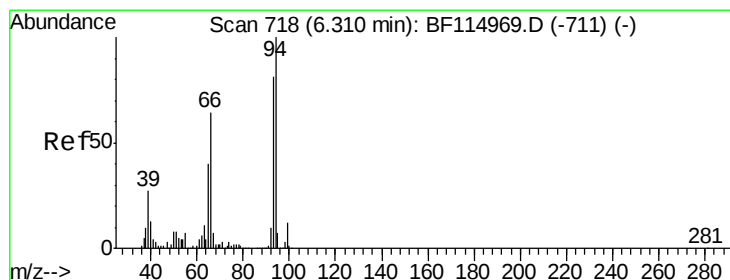
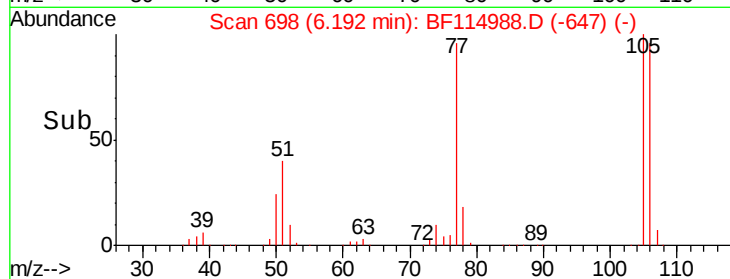
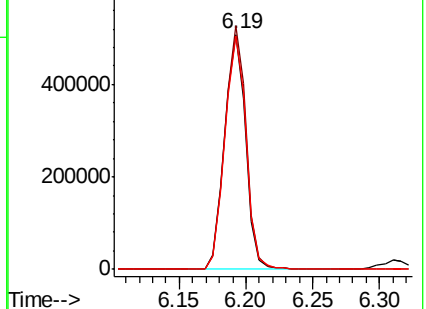
106 99.3 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.763 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

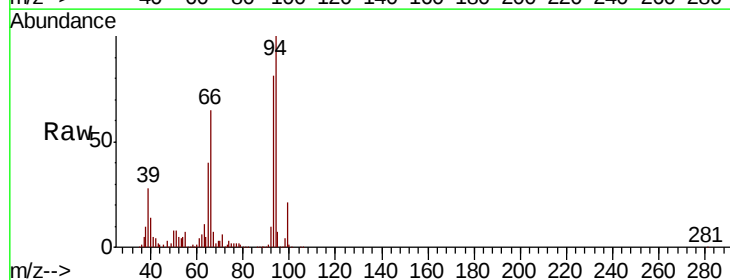
Tgt Ion: 94 Resp: 1077261

Ion Ratio Lower Upper

94 100

65 39.9 20.0 60.0

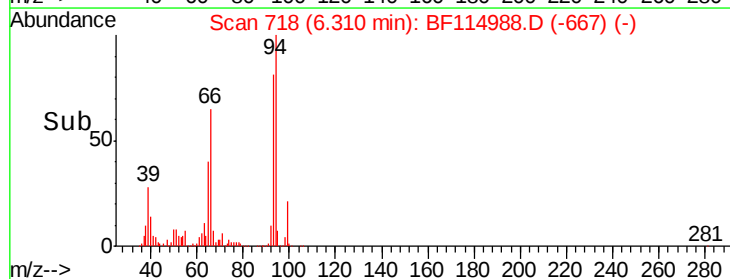
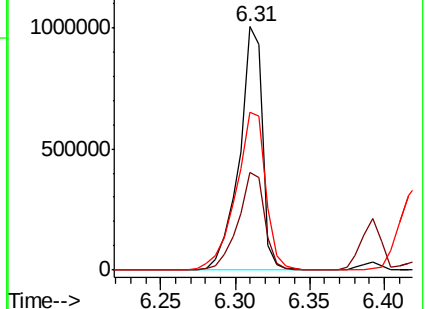
66 64.6 44.1 84.1

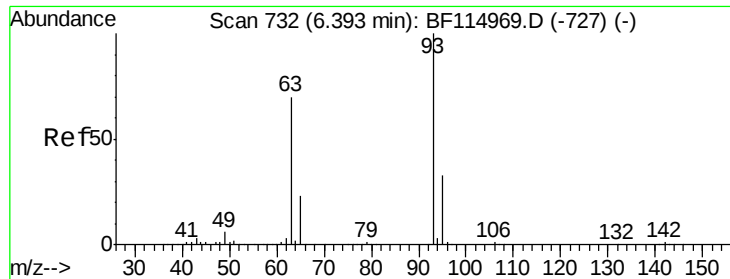


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

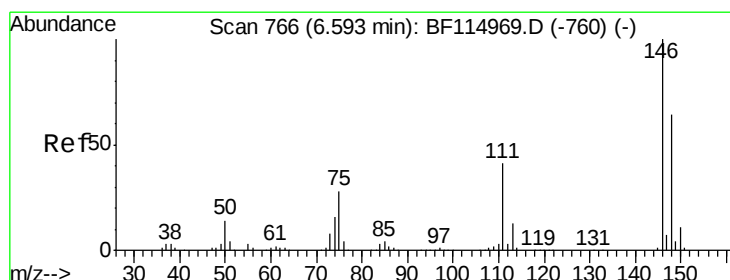
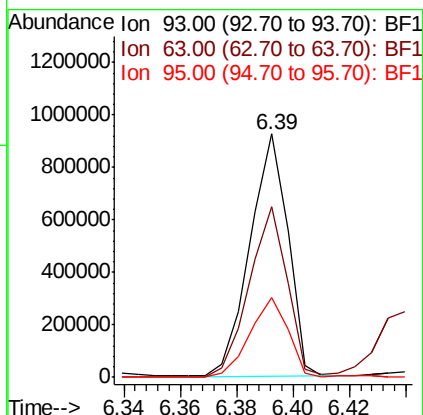
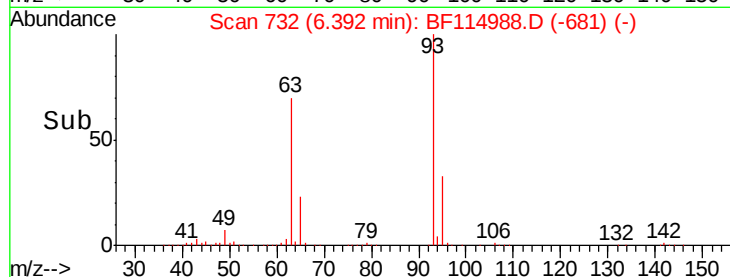
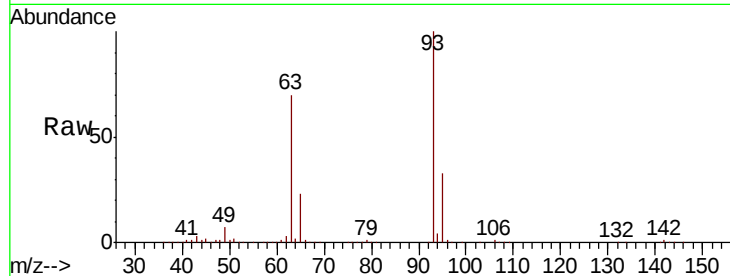




#11
bis(2-Chloroethyl)ether
Concen: 40.980 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

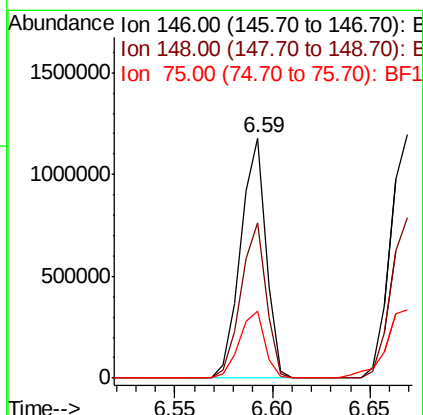
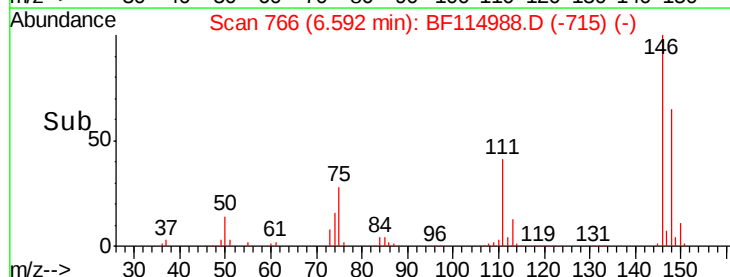
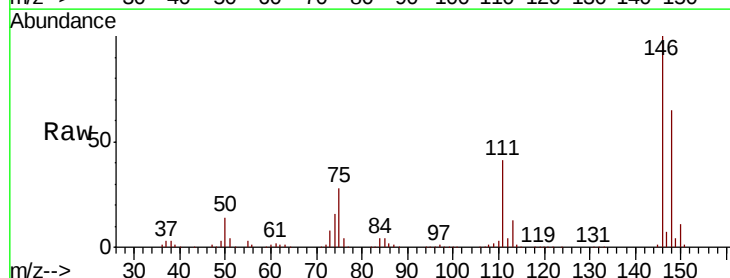
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

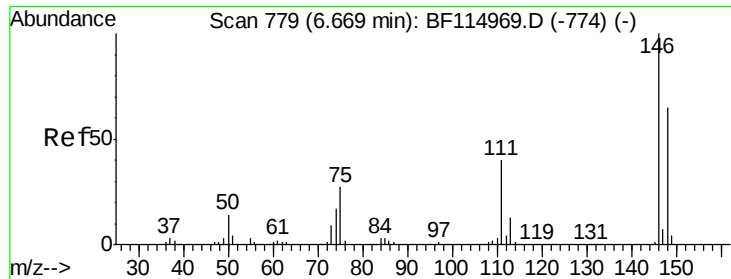
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.2	49.8	89.8
95	33.0	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.119 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	27.8	22.3	33.5

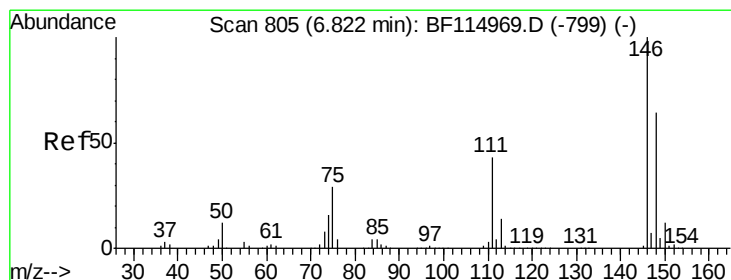
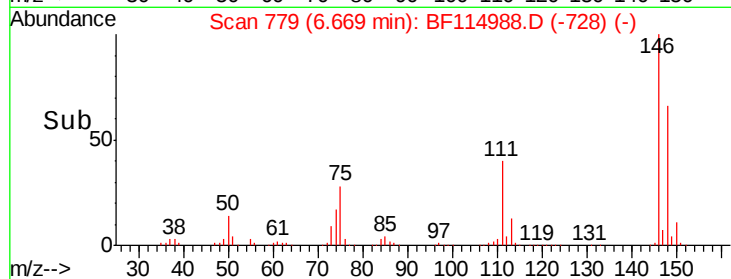
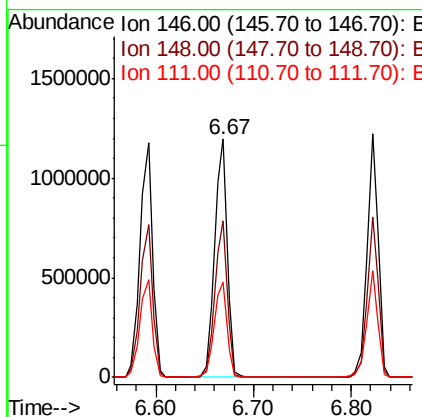
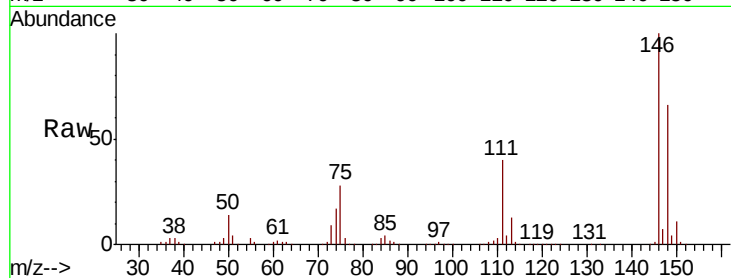




#13
 1,4-Dichlorobenzene
 Concen: 39.971 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

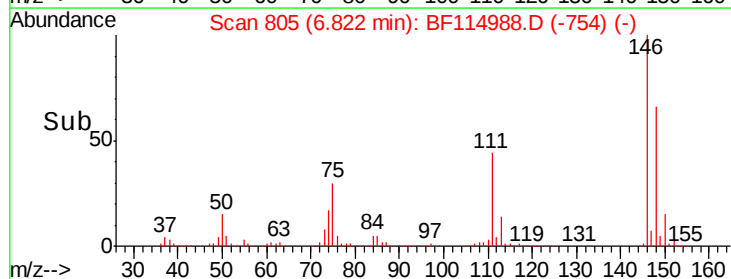
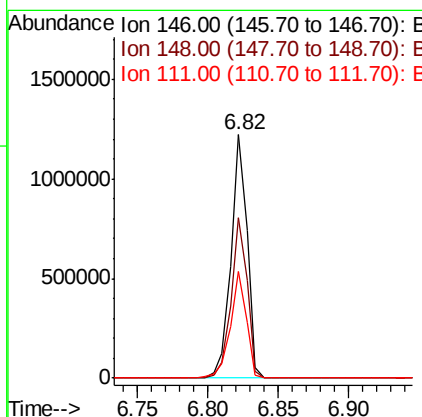
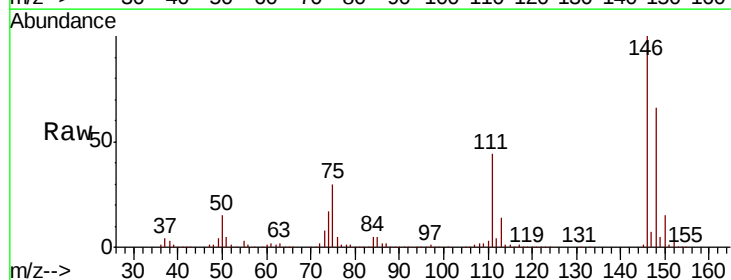
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

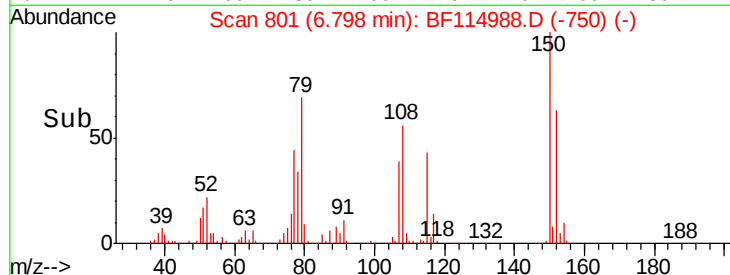
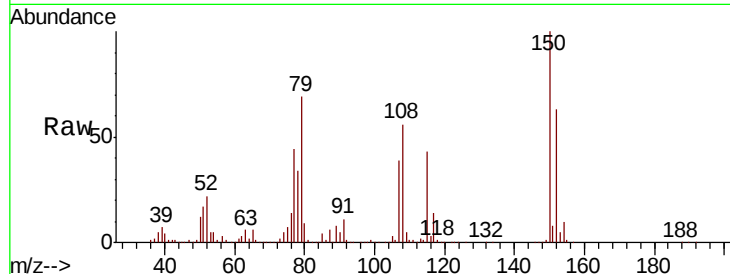
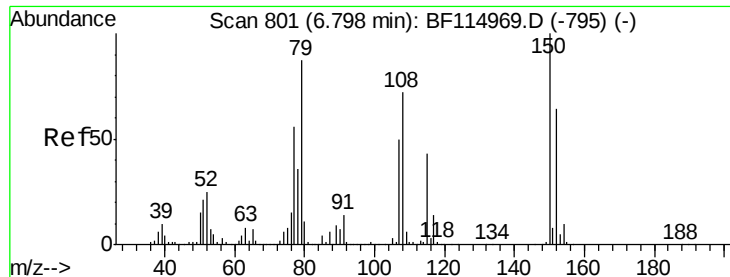
Tot Ion:146 Resp: 1068382
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 111 39.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 38.502 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

Tgt Ion:146 Resp: 968865
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.5 77.3
 111 43.6 34.6 51.8

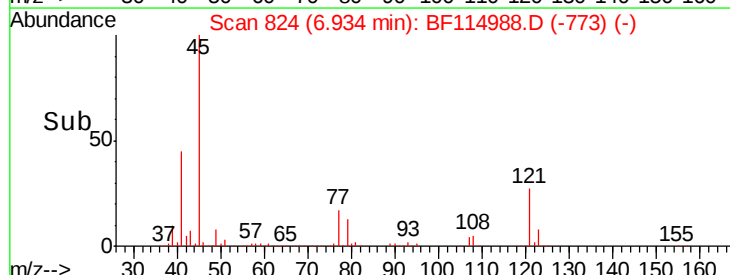
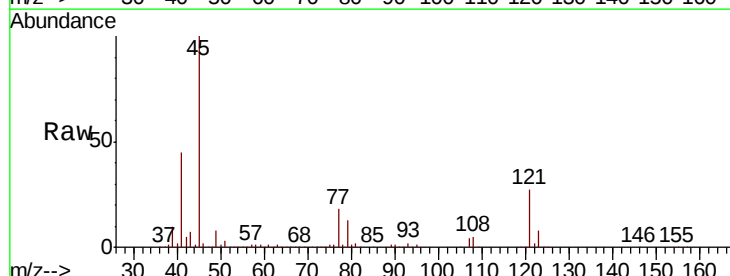
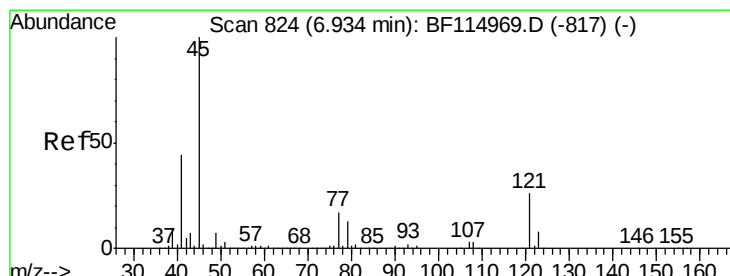
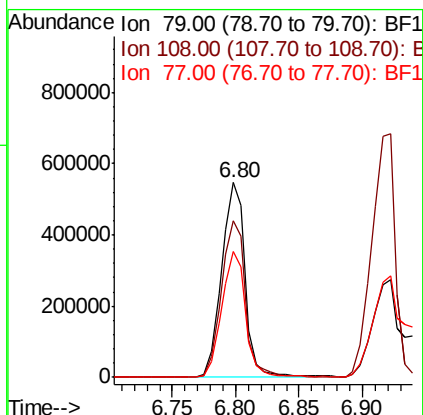




#15
Benzyl Alcohol
Concen: 38.974 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

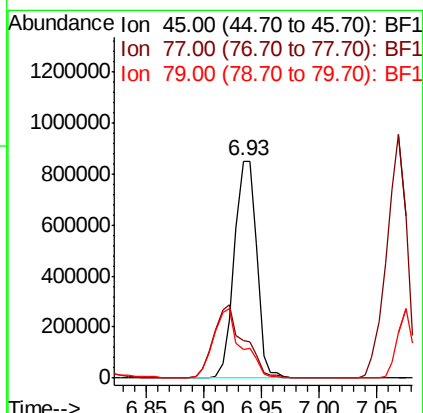
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

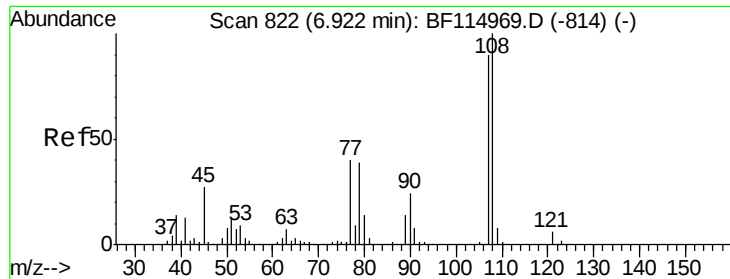
Tot Ion: 79 Resp: 707088
Ion Ratio Lower Upper
79 100
108 80.6 66.0 99.0
77 64.4 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.695 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion: 45 Resp: 1145287
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.0
79 13.2 0.0 33.1

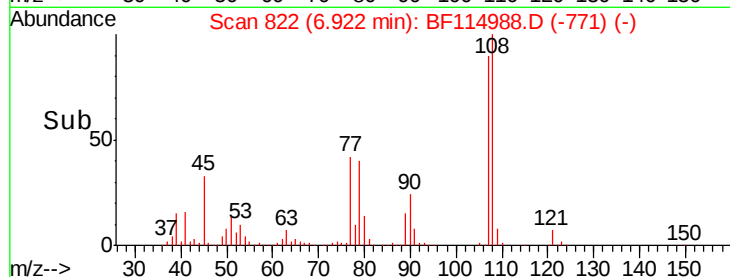
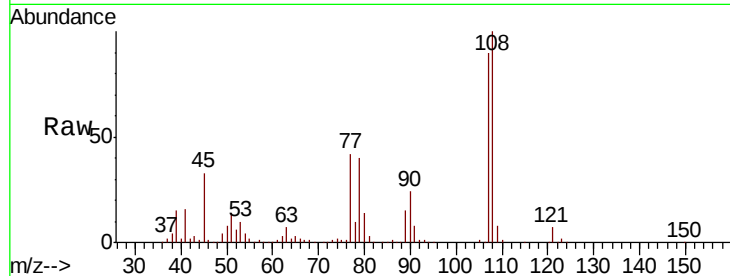




#17
2-Methylphenol
Concen: 41.317 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.3	133.9
77	46.5	35.4	53.2
79	44.6	34.9	52.3



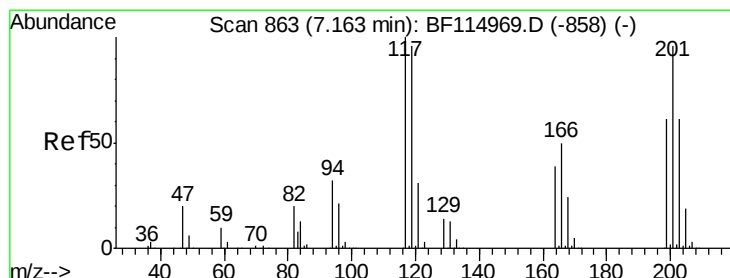
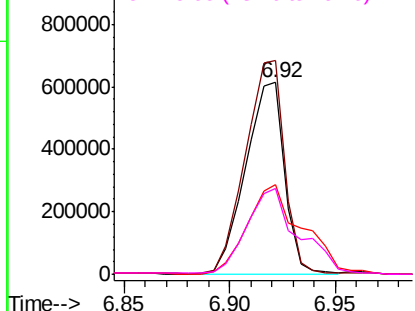
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

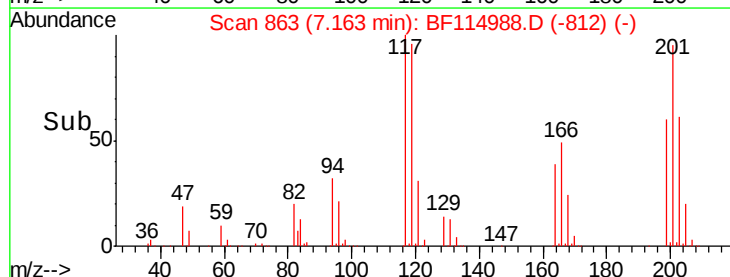
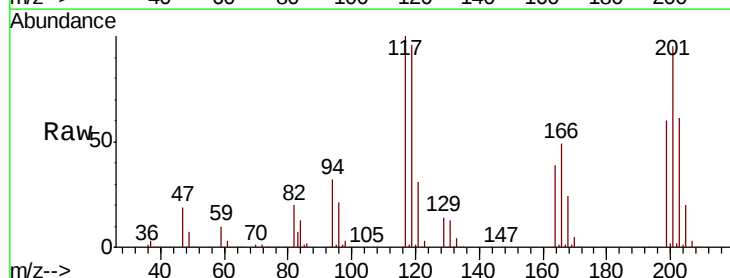
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.051 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
201	95.3	76.6	115.0

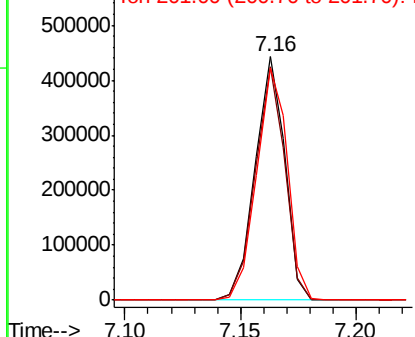


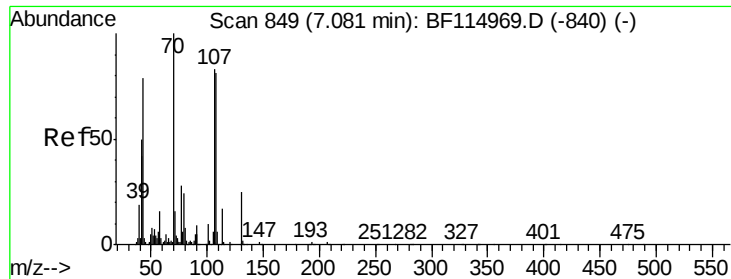
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

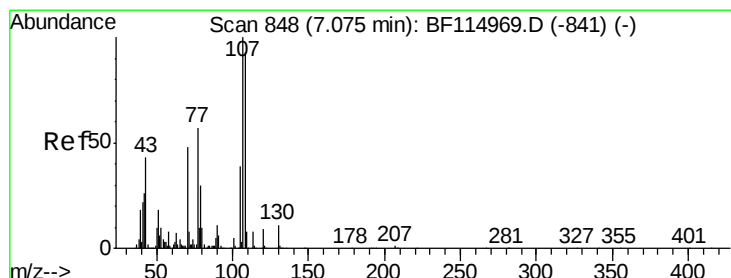
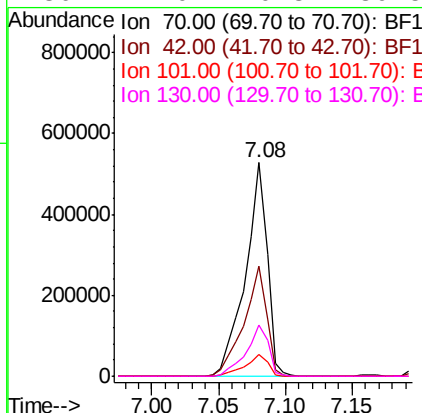
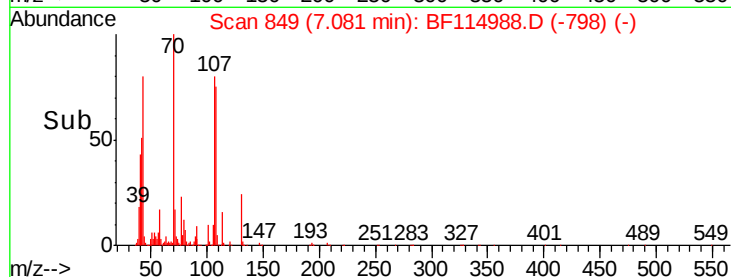
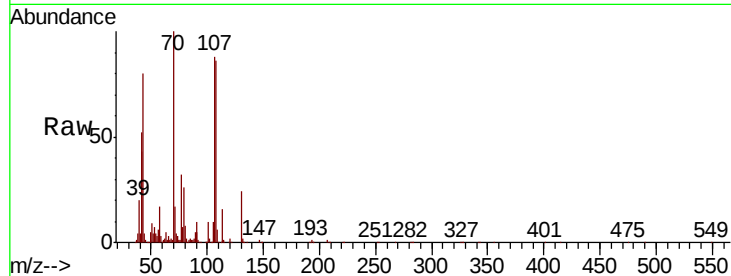




#19
n-Nitroso-di-n-propylamine
Concen: 40.258 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

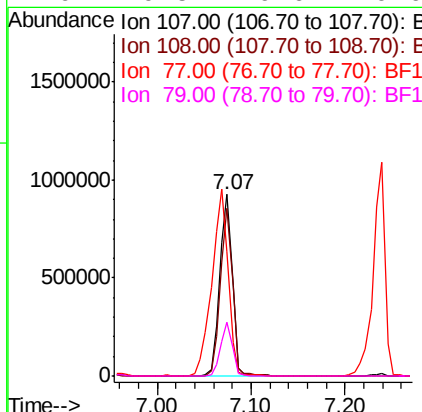
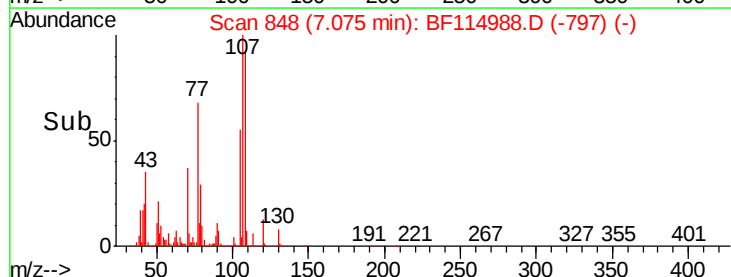
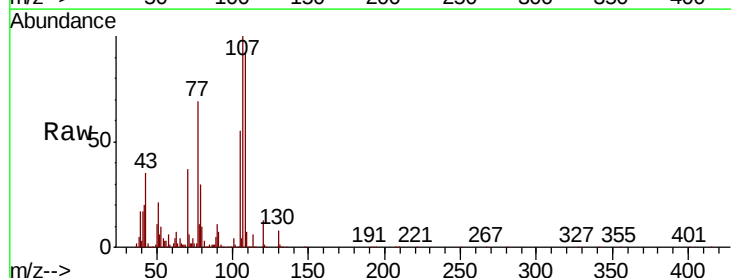
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

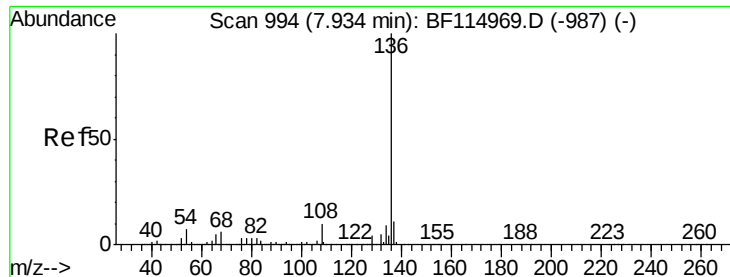
Tot Ion:	70	Resp:	592290
Ion	Ratio	Lower	Upper
70	100		
42	51.5	40.3	60.5
101	10.1	8.2	12.4
130	24.0	20.3	30.5



#20
3+4-Methylphenols
Concen: 38.250 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:	107	Resp:	864278
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.1	113.1
77	68.6	37.3	77.3
79	29.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1357590

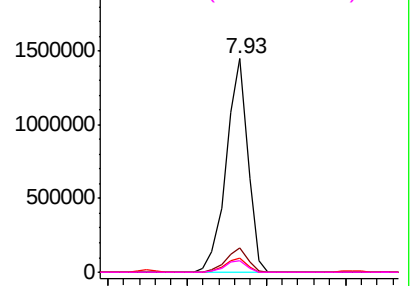
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.5	5.4	8.0
68	5.7	4.6	7.0

Abundance Ion 136.00 (135.70 to 136.70): E

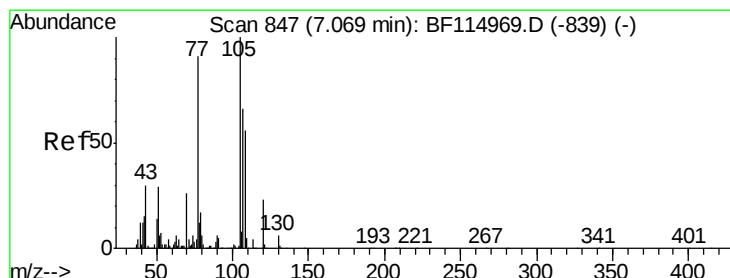
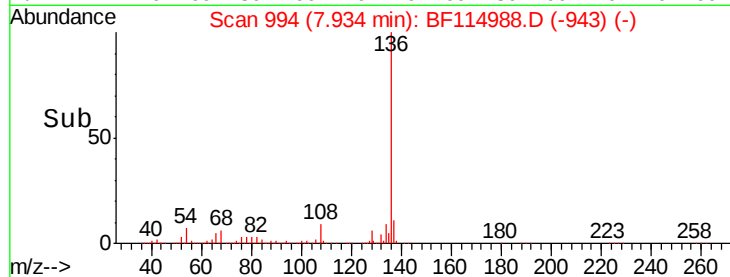
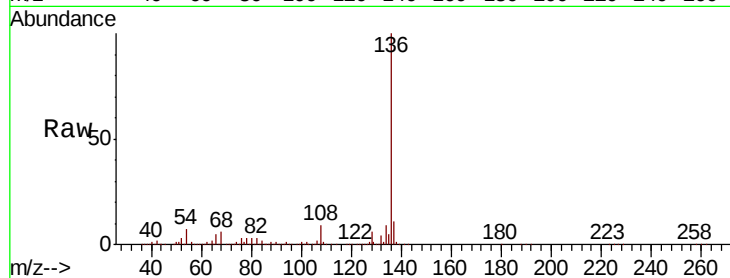
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.376 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Tgt Ion:105 Resp: 1240806

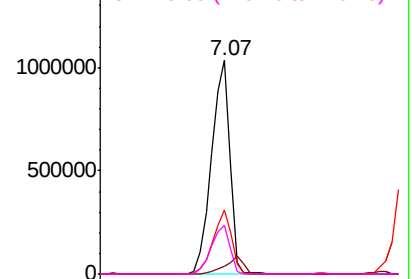
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.4	5.2
51	29.8	23.3	34.9
120	22.6	18.8	28.2

Abundance Ion 105.00 (104.70 to 105.70): E

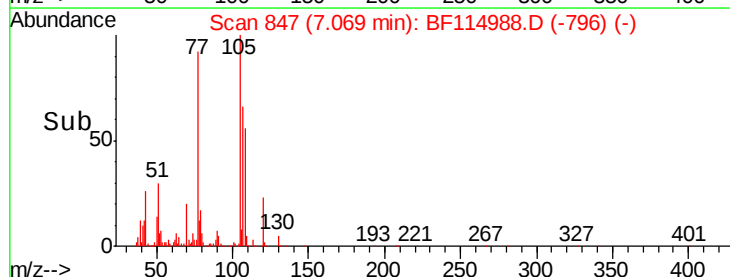
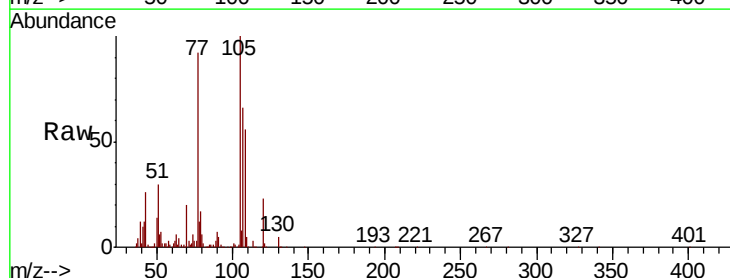
Ion 71.00 (70.70 to 71.70): BF1

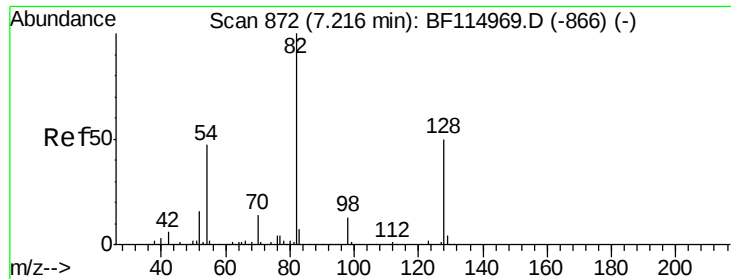
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

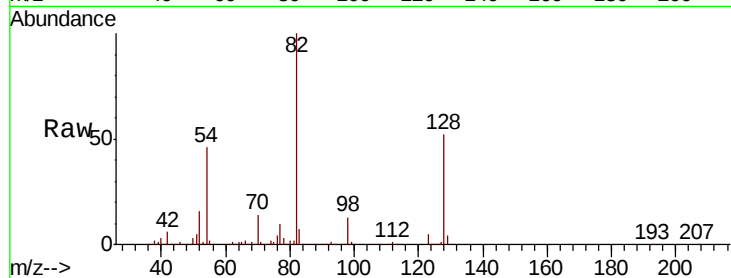




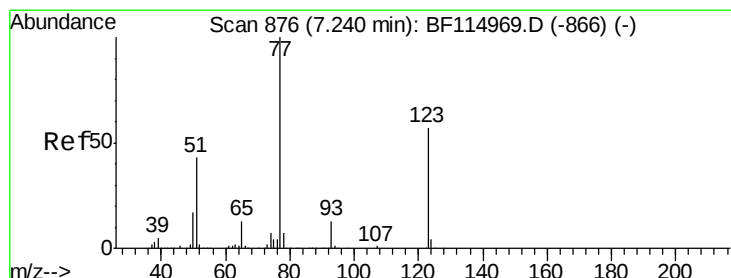
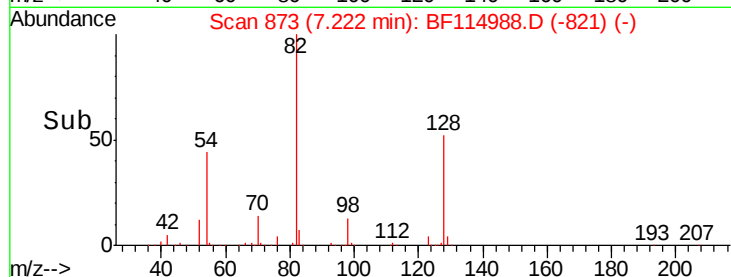
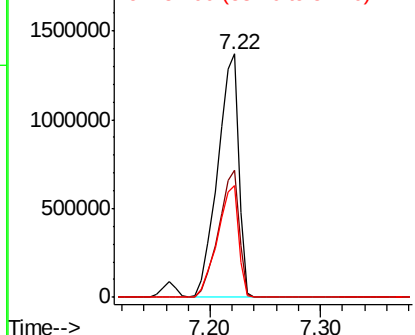
#23
Nitrobenzene-d5
Concen: 80.545 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1816644
Ion Ratio Lower Upper
82 100
128 52.3 39.9 59.9
54 45.8 37.3 55.9

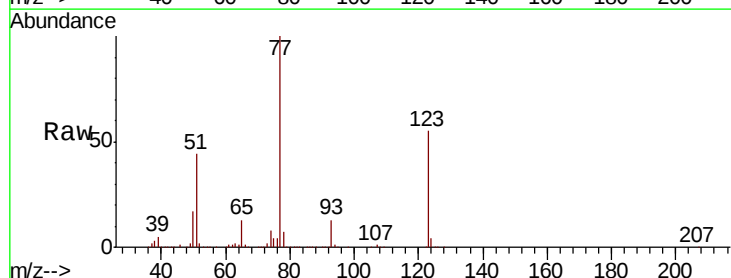


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

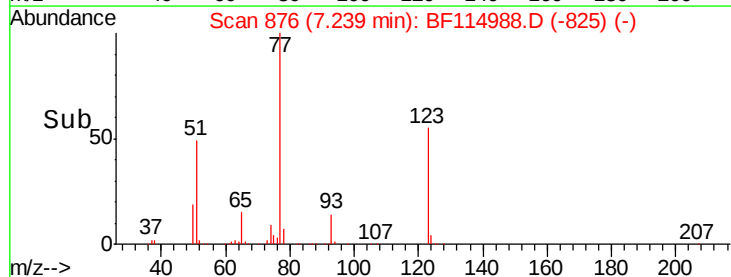
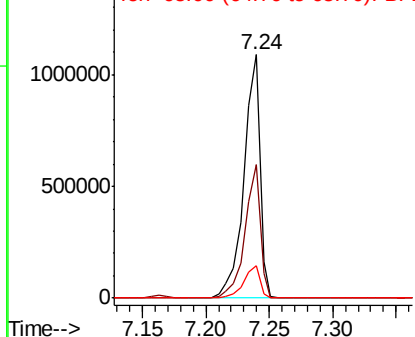


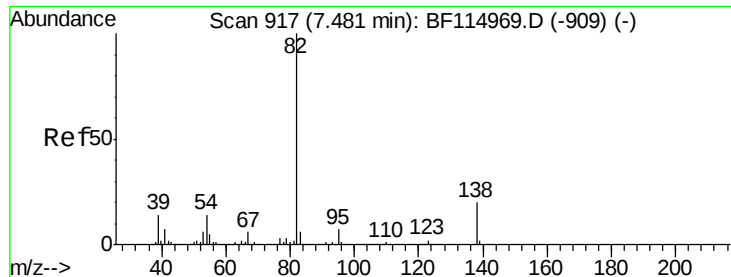
#24
Nitrobenzene
Concen: 41.324 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion: 77 Resp: 948301
Ion Ratio Lower Upper
77 100
123 55.0 45.5 68.3
65 13.2 10.3 15.5



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

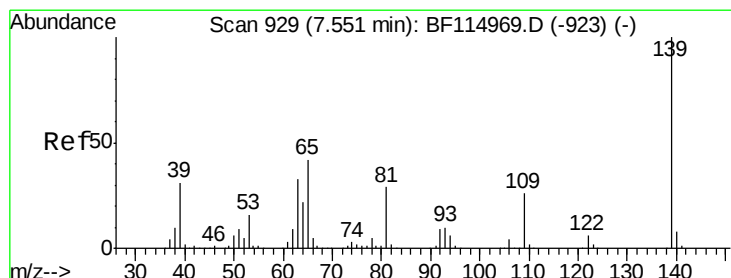
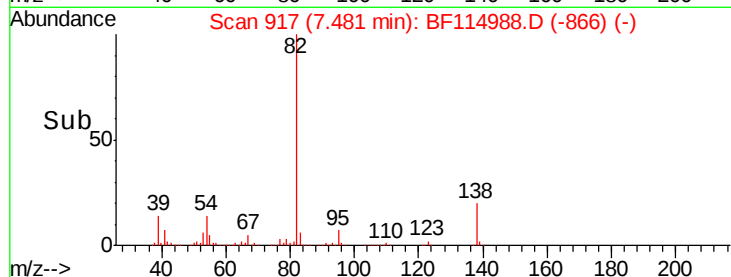
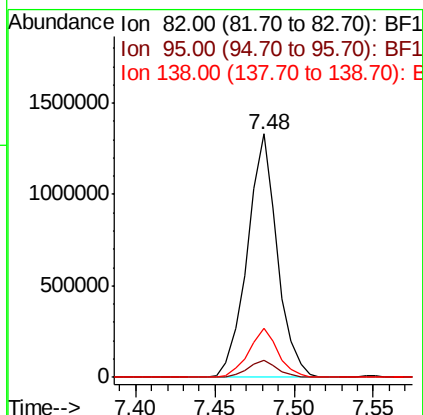
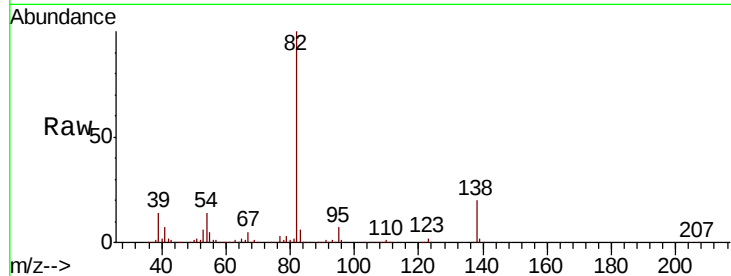




#25
Isophorone
Concen: 41.110 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

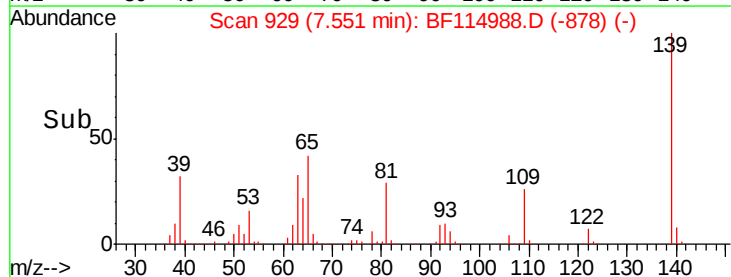
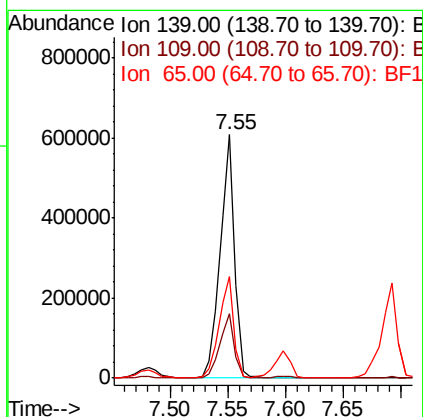
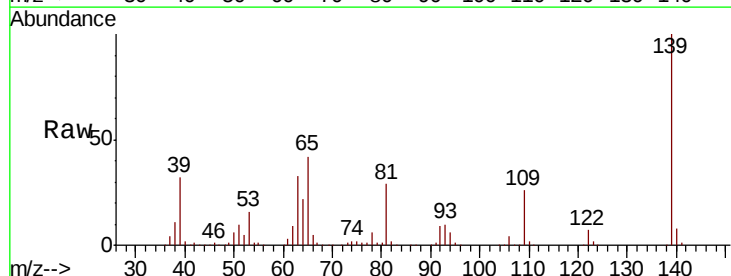
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

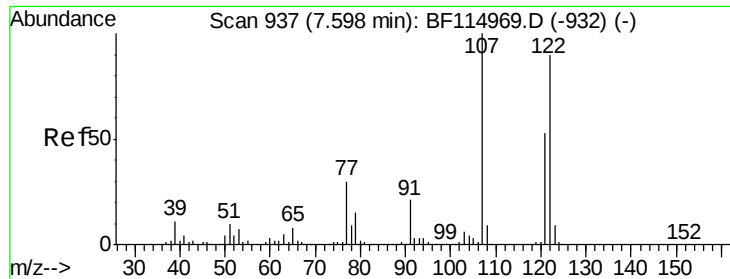
Tot Ion: 82 Resp: 1736575
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.3 16.1 24.1



#26
2-Nitrophenol
Concen: 41.301 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion: 139 Resp: 528276
Ion Ratio Lower Upper
139 100
109 26.3 20.8 31.2
65 41.8 33.4 50.2

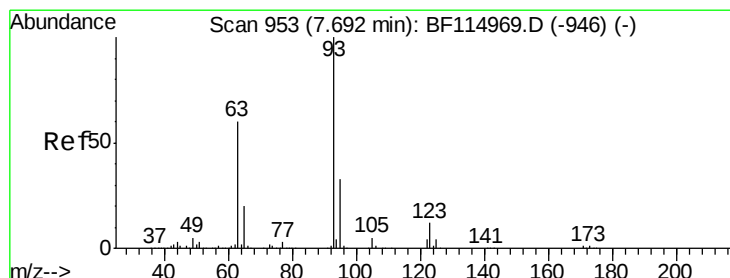
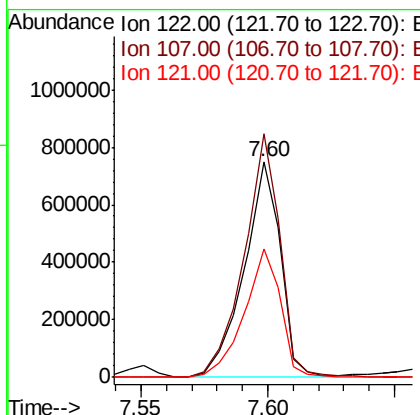
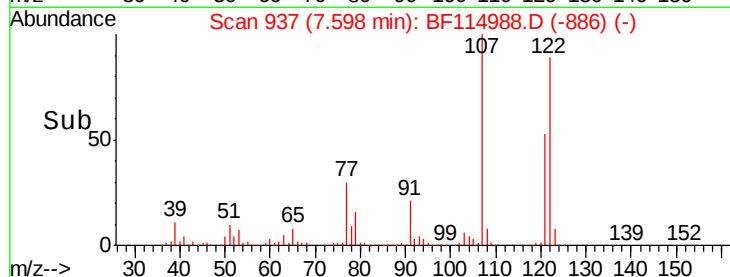
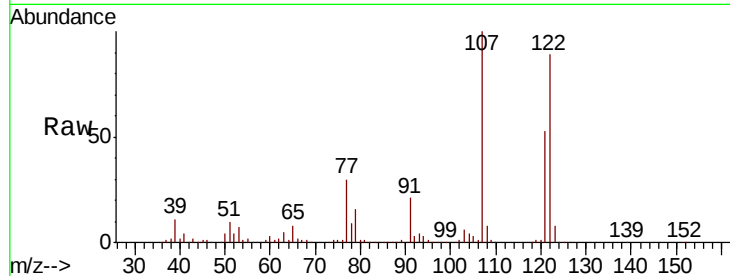




#27
2,4-Dimethylphenol
Concen: 40.611 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

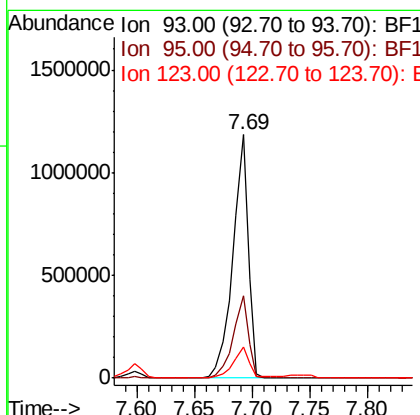
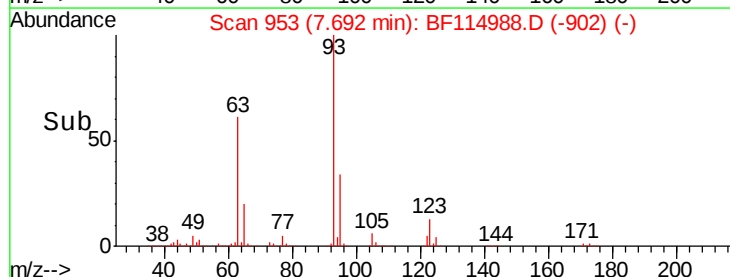
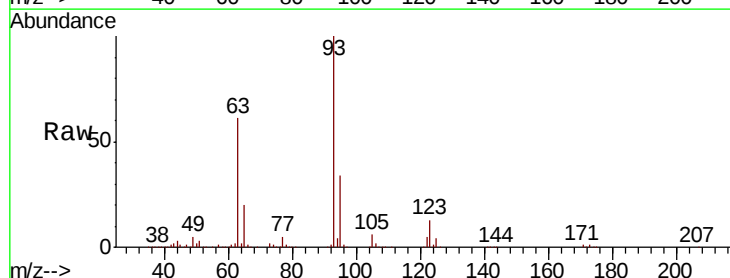
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

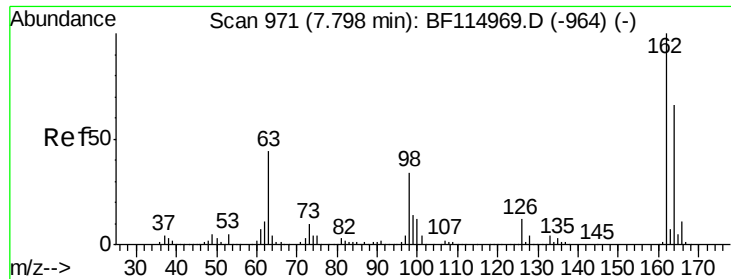
Tot Ion:122 Resp: 749348
Ion Ratio Lower Upper
122 100
107 112.8 88.8 133.2
121 59.7 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.515 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion: 93 Resp: 1098028
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 12.7 9.9 14.9

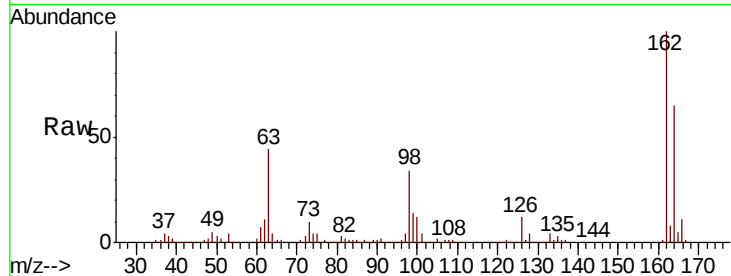




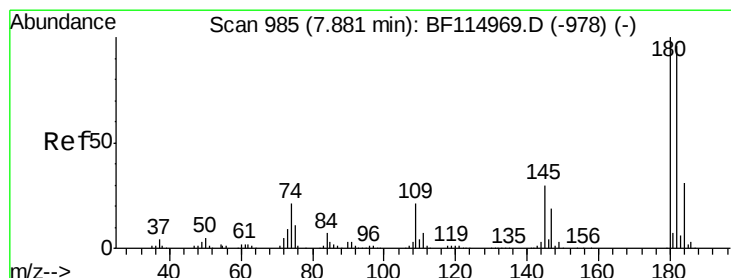
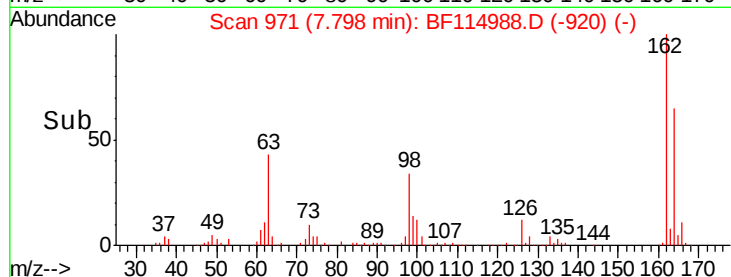
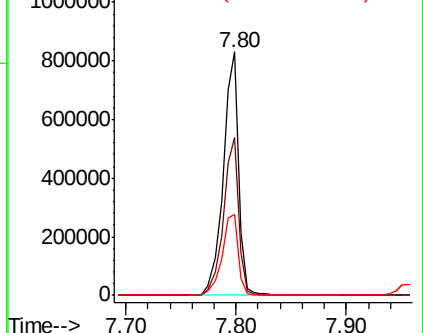
#29
2,4-Dichlorophenol
Concen: 41.471 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 808388
Ion Ratio Lower Upper
162 100
164 64.9 45.7 85.7
98 33.5 14.0 54.0

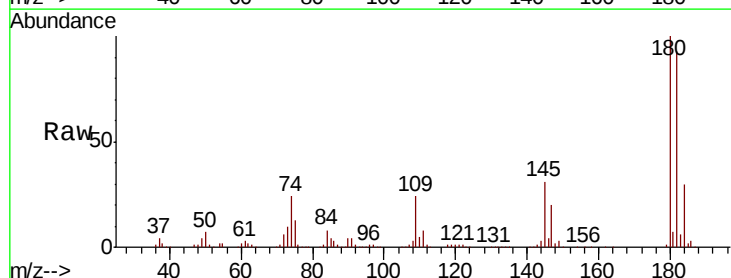


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

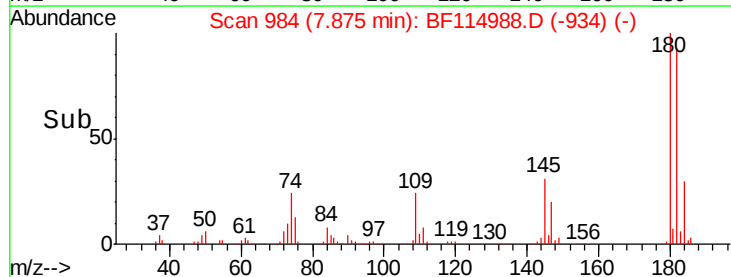
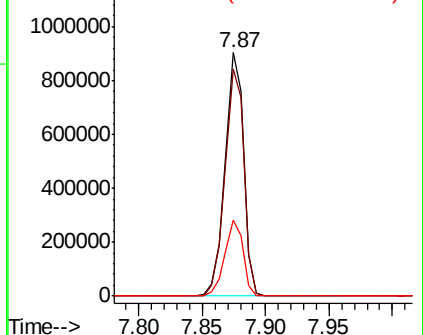


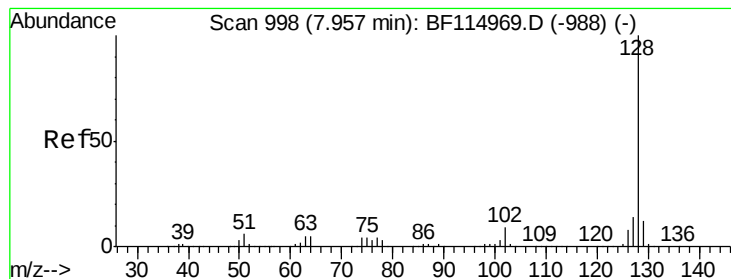
#30
1,2,4-Trichlorobenzene
Concen: 40.713 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:180 Resp: 917003
Ion Ratio Lower Upper
180 100
182 93.5 76.7 115.1
145 31.4 24.1 36.1



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: 39.769 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

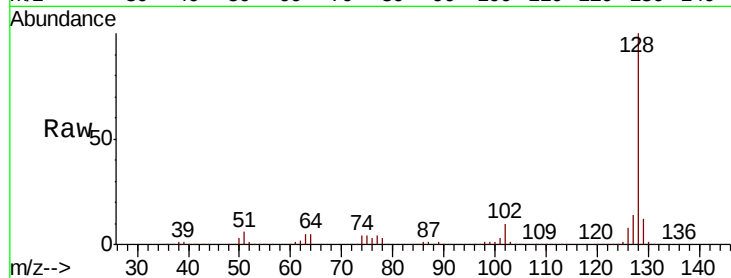
Tot Ion:128 Resp: 2554517

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

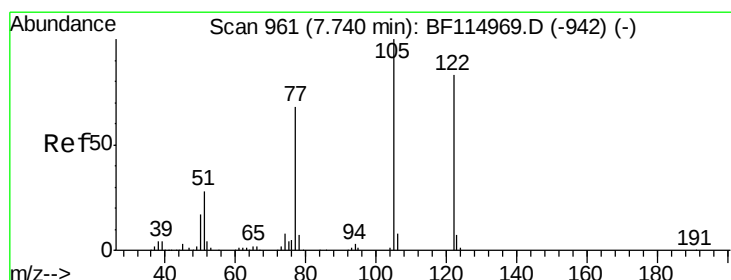
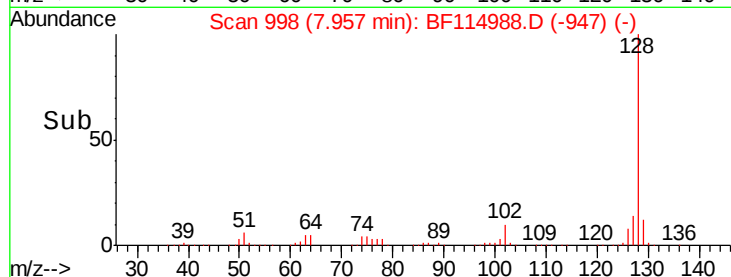
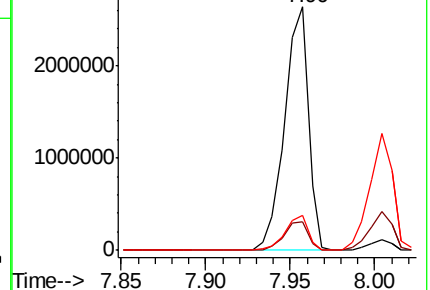
127 14.5 11.5 17.3



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: 41.686 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

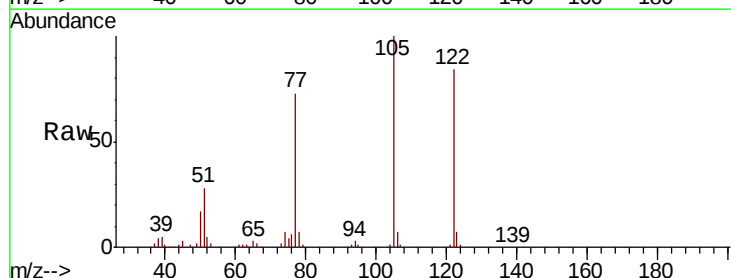
Tgt Ion:122 Resp: 556543

Ion Ratio Lower Upper

122 100

105 118.5 98.6 138.6

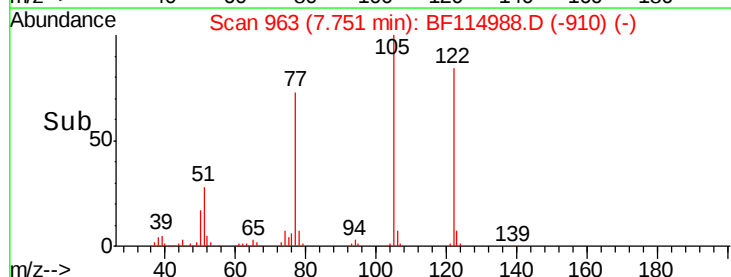
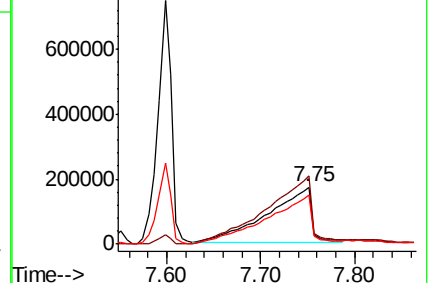
77 86.3 60.9 100.9

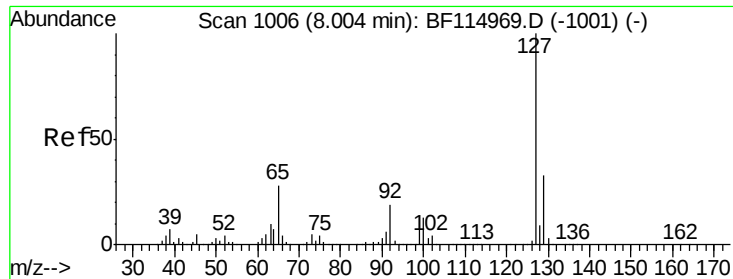


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

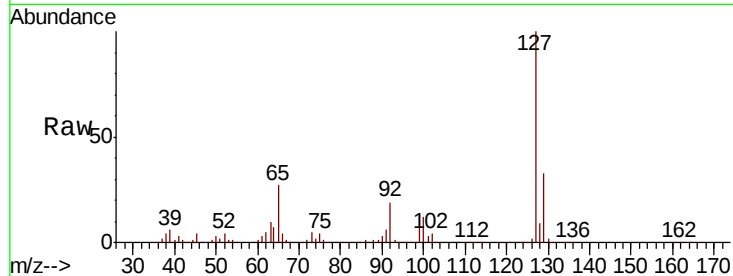




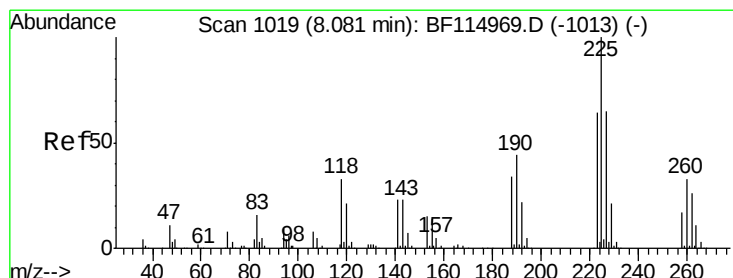
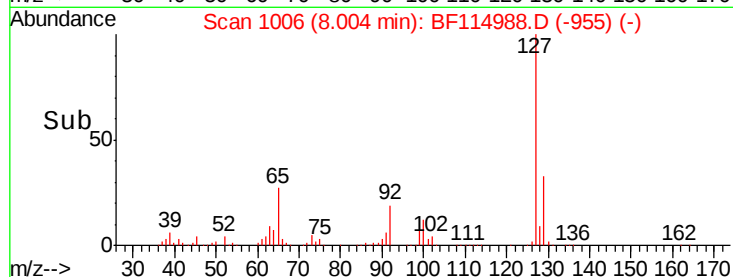
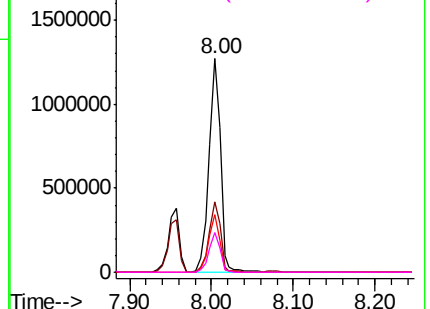
#33
4-Chloroaniline
Concen: 41.537 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1231575
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	27.3	22.3	33.5
92	18.8	15.3	22.9

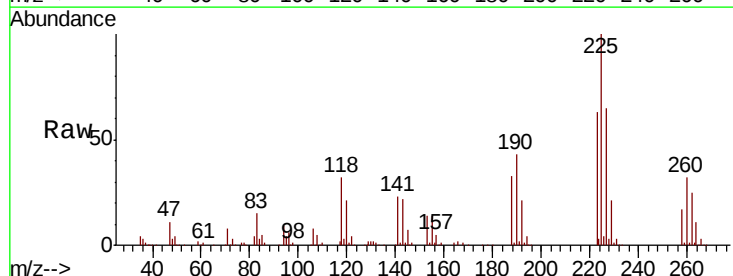


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

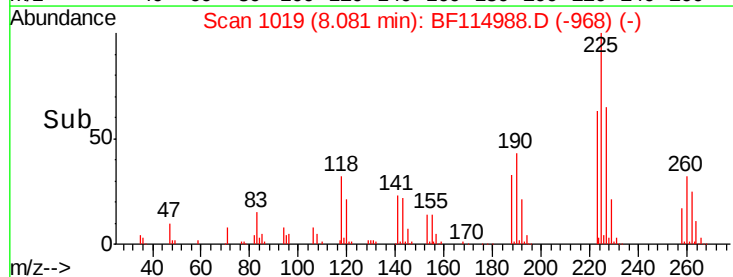
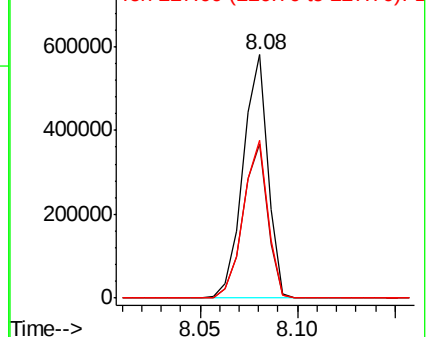


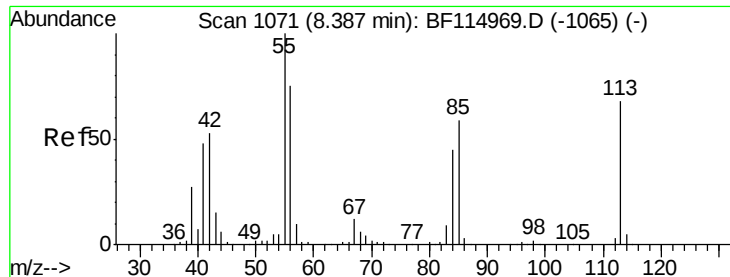
#34
Hexachlorobutadiene
Concen: 40.759 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:	225	Resp:	510277
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	64.7	51.7	77.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

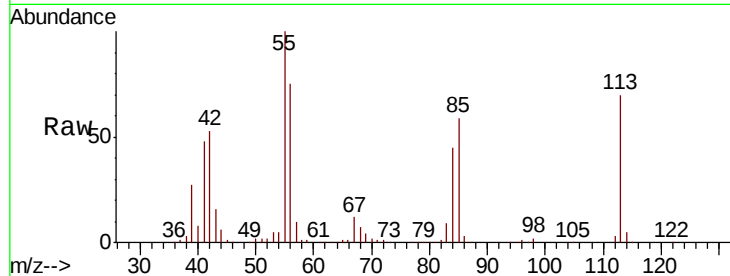




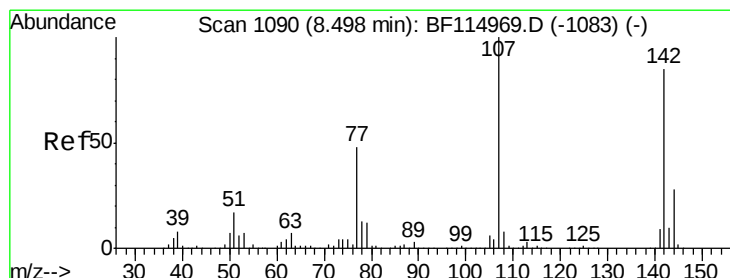
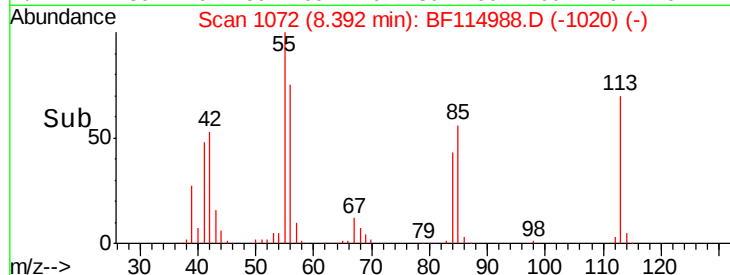
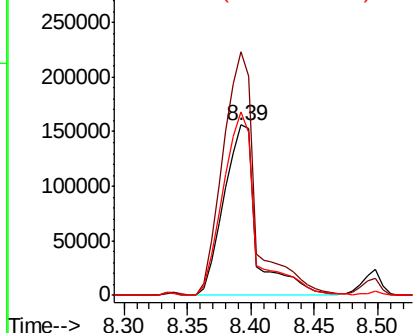
#35
Caprolactam
Concen: 43.072 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 279636
Ion Ratio Lower Upper
113 100
55 143.1 127.3 167.3
56 107.6 90.6 130.6

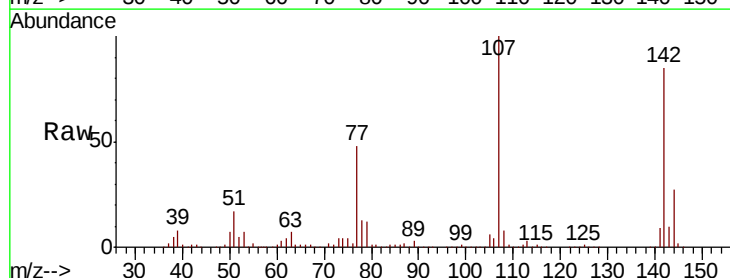


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

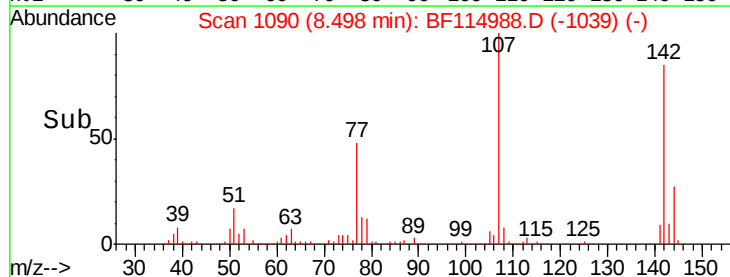
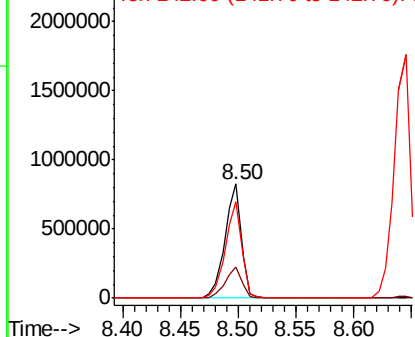


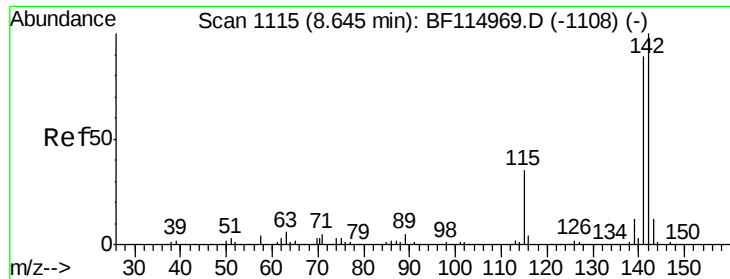
#36
4-Chloro-3-methylphenol
Concen: 41.555 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:107 Resp: 816308
Ion Ratio Lower Upper
107 100
144 27.4 22.0 33.0
142 84.7 68.2 102.4



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

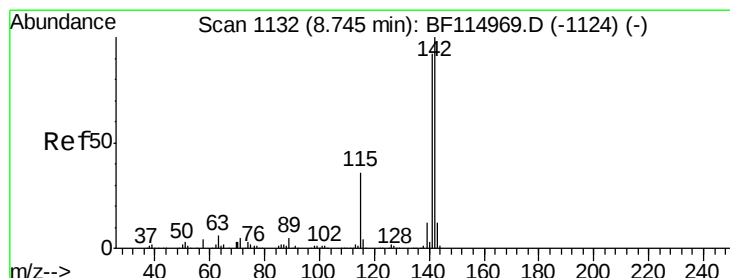
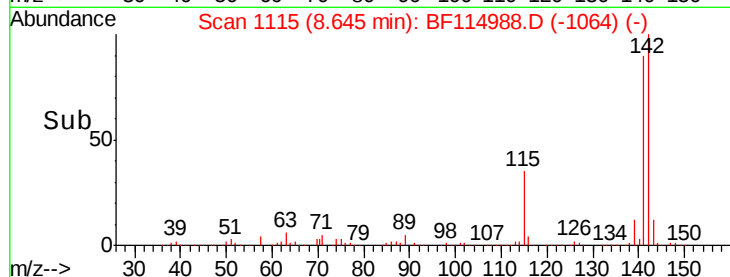
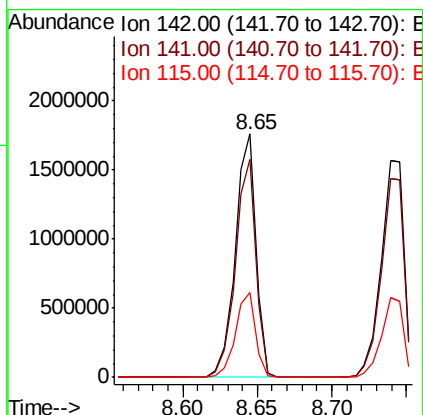
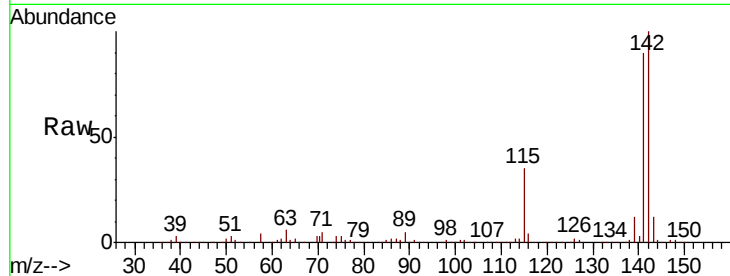




#37
 2-Methylnaphthalene
 Concen: 39.970 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

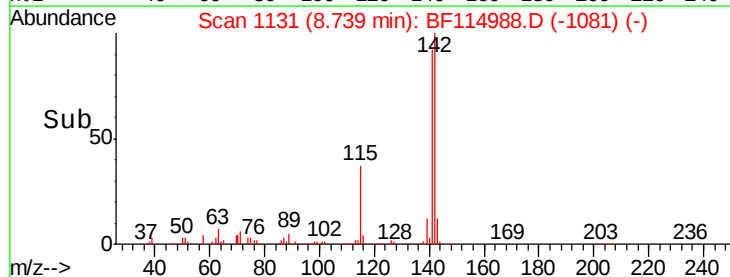
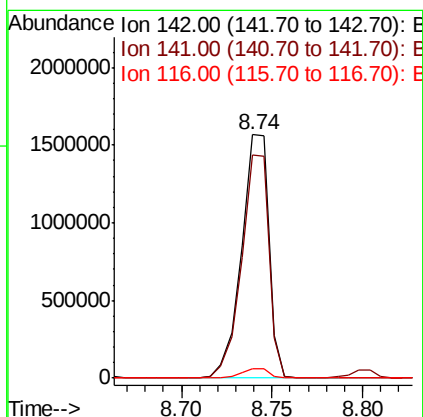
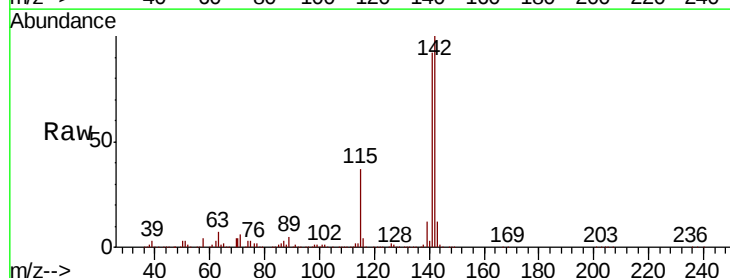
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

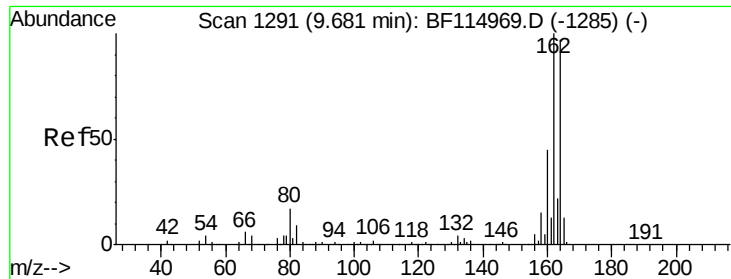
Tot Ion:142 Resp: 1712380
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 35.0 27.9 41.9



#38
 1-Methylnaphthalene
 Concen: 40.571 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

Tgt Ion:142 Resp: 1642795
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.8 110.8
 116 4.0 2.9 4.3

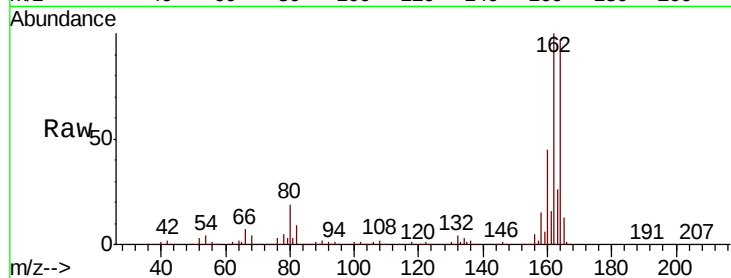




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	124.0
160	46.7	36.9	55.3

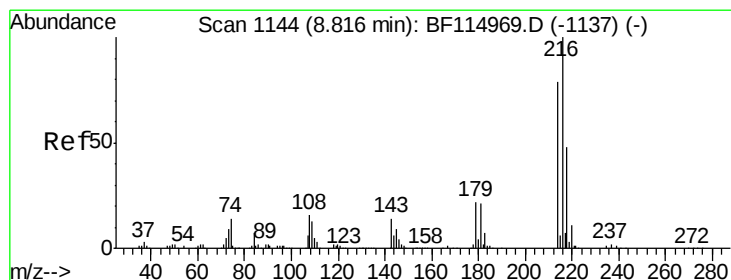
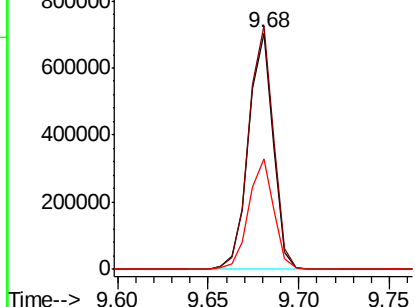
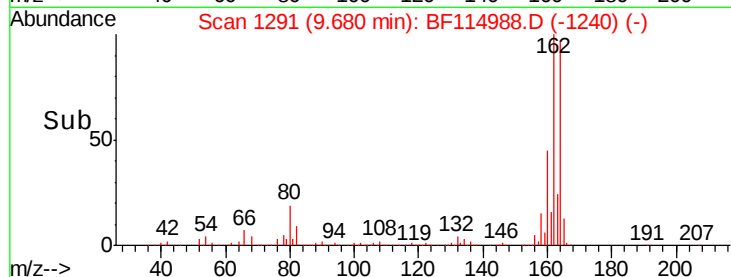


Abundance

Ion 164.00 (163.70 to 164.70): E

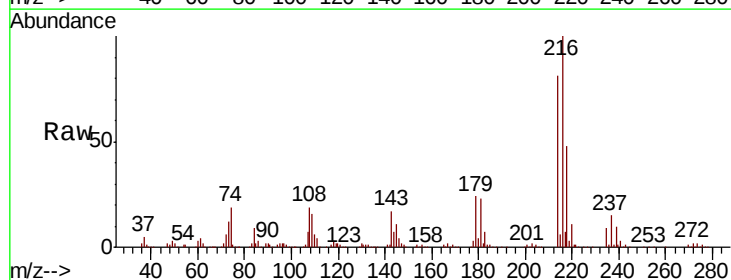
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.357 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	22.8	18.2	27.4
108	18.9	15.0	22.6



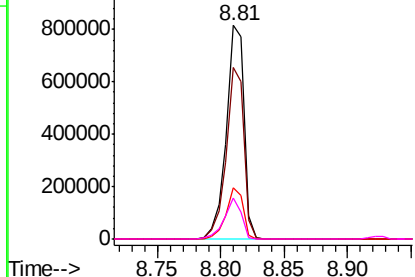
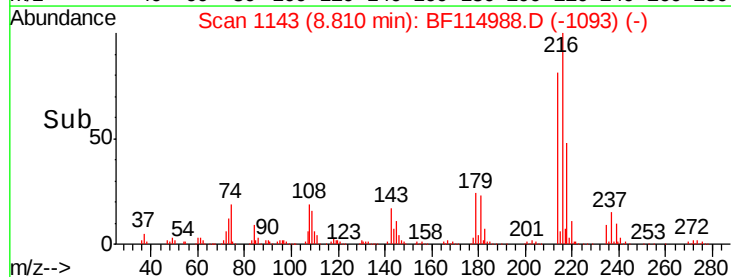
Abundance

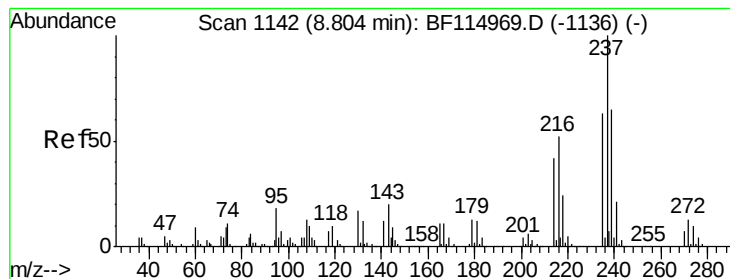
Ion 216.00 (215.70 to 216.70): E

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: 41.204 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

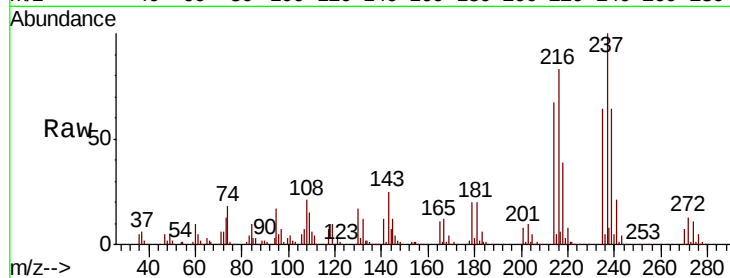
Tot Ion:237 Resp: 396158

Ion Ratio Lower Upper

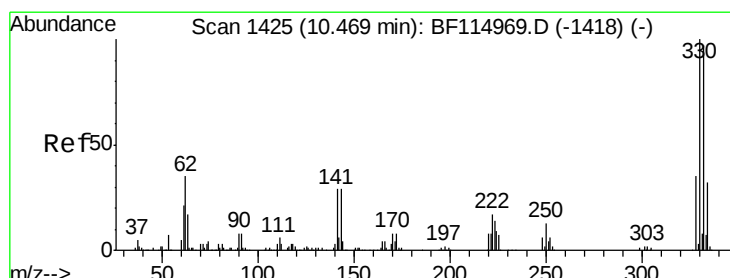
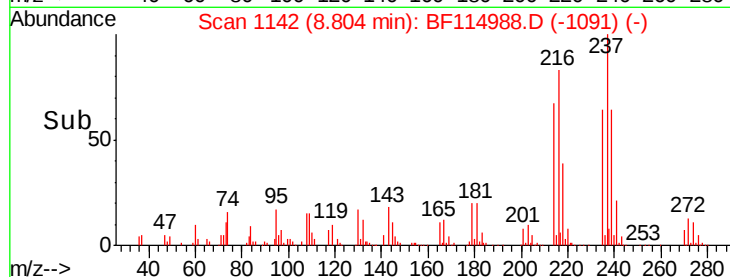
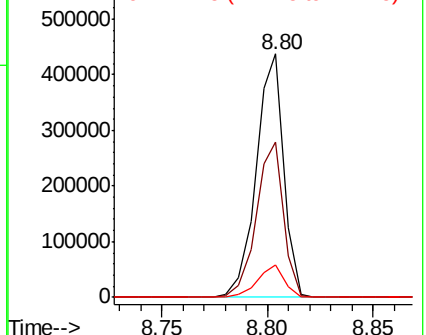
237 100

235 63.9 42.7 82.7

272 13.5 0.0 32.7



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: 82.157 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

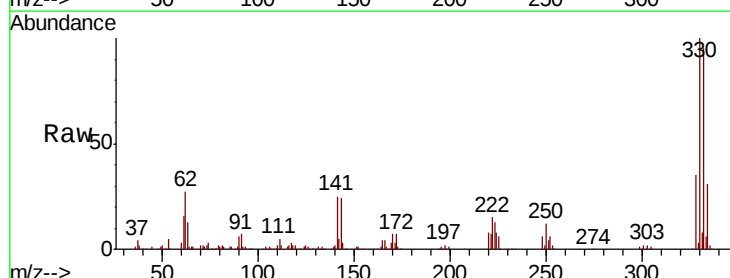
Tgt Ion:330 Resp: 581050

Ion Ratio Lower Upper

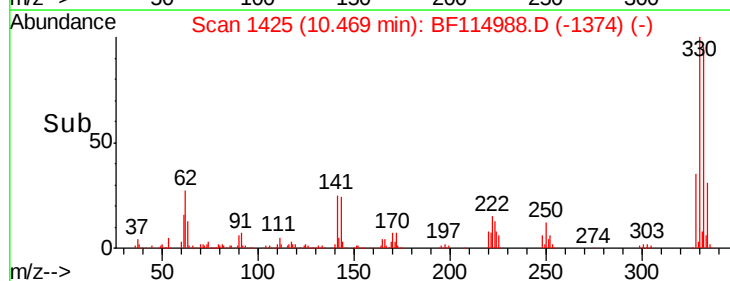
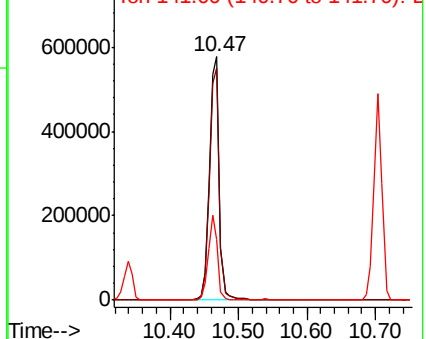
330 100

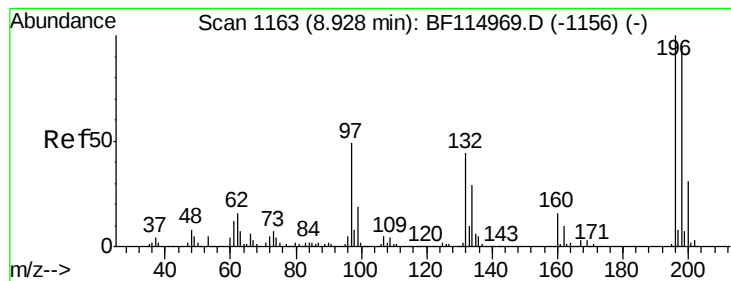
332 95.8 77.6 116.4

141 33.3 27.2 40.8



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: 40.548 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

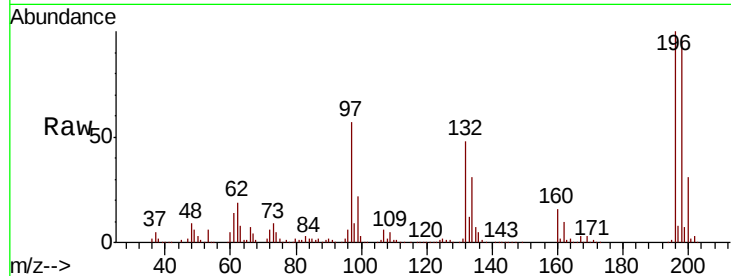
Tot Ion:196 Resp: 590926

Ion Ratio Lower Upper

196 100

198 96.3 75.8 113.8

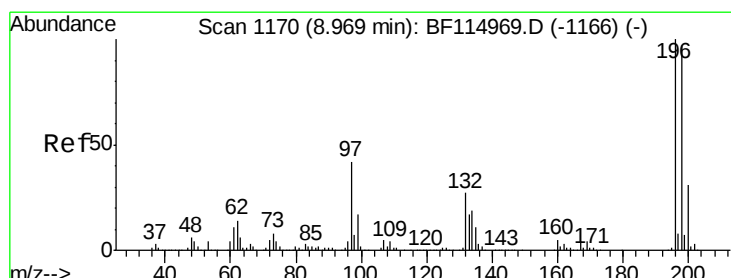
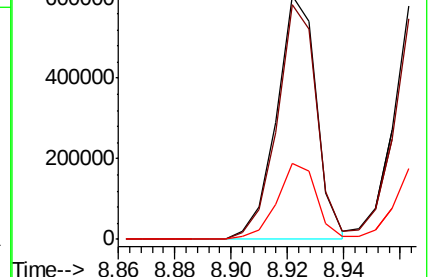
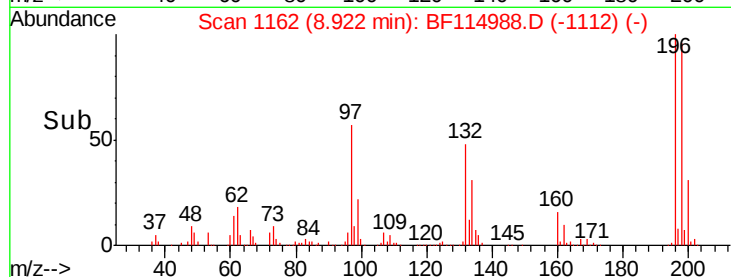
200 31.1 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.903 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Tgt Ion:196 Resp: 617139

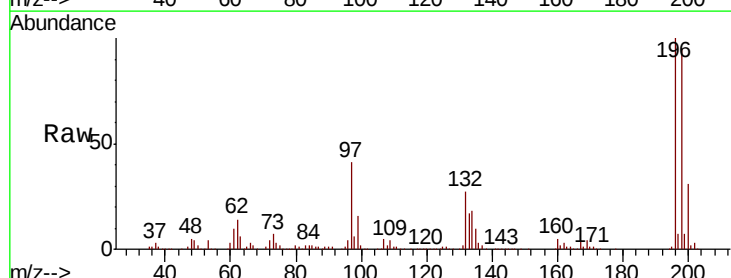
Ion Ratio Lower Upper

196 100

198 95.5 77.3 115.9

97 40.6 34.2 51.4

132 26.8 22.1 33.1

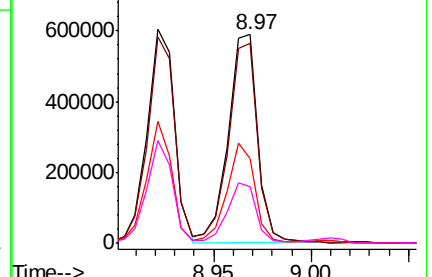
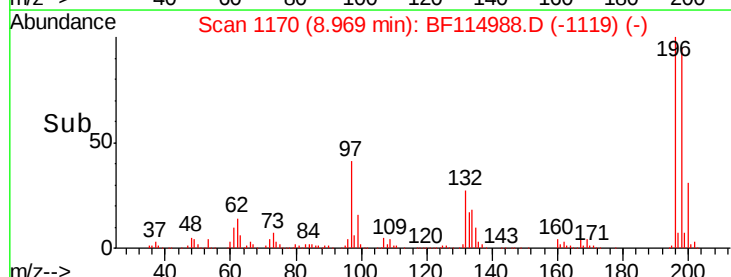


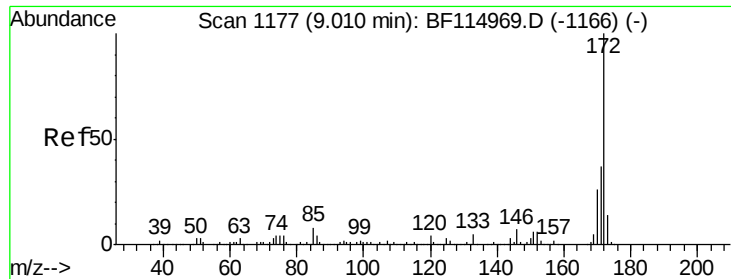
Abundance Ion 196.00 (195.70 to 196.70): E

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



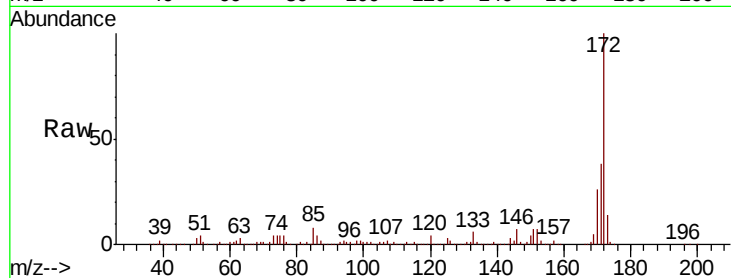


#45
 2-Fluorobiphenyl
 Concen: 79.088 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

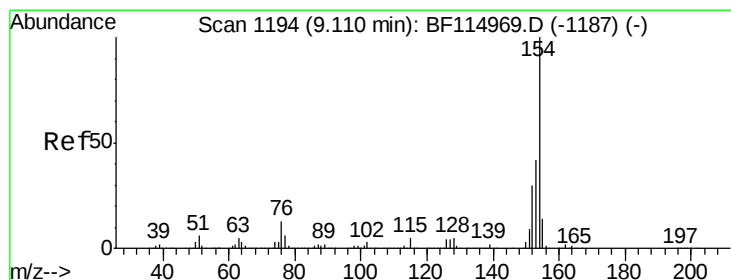
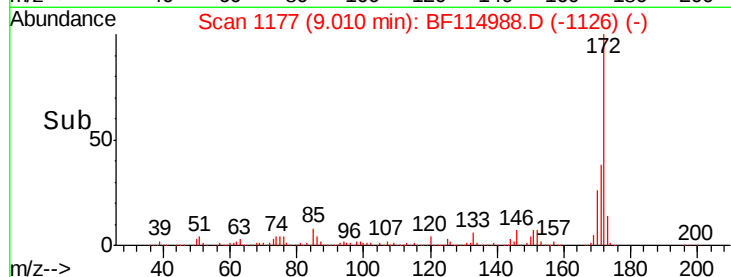
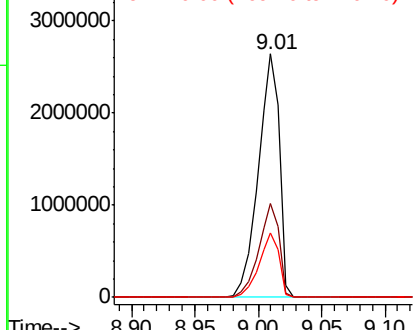
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 3081873

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.8	44.6
170	26.3	20.6	31.0



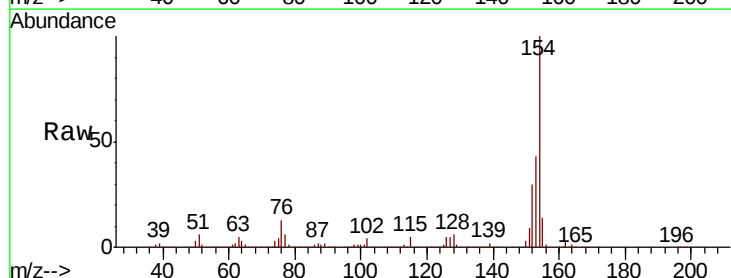
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



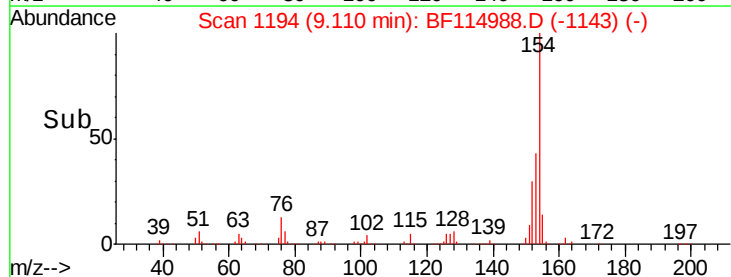
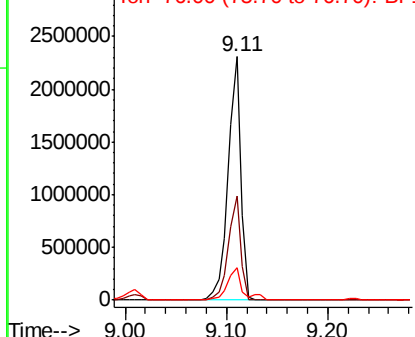
#46
 1,1'-Biphenyl
 Concen: 38.047 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

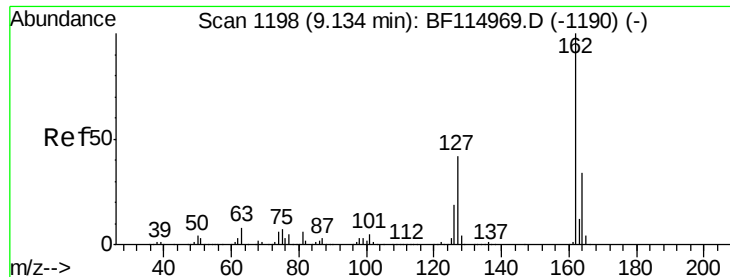
Tgt Ion:154 Resp: 2013604

Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.4	62.4
76	13.2	0.0	33.3



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

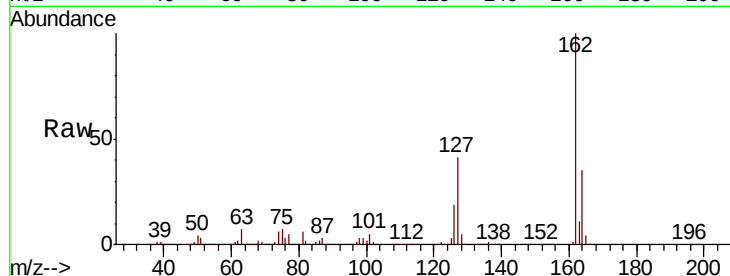




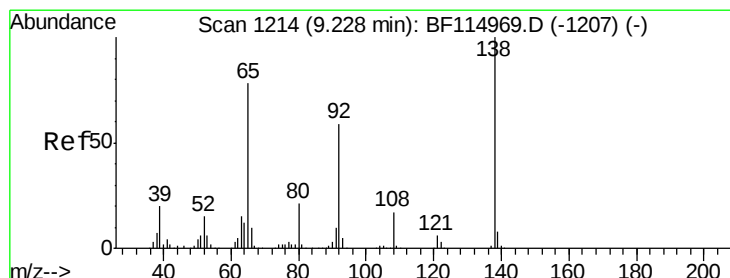
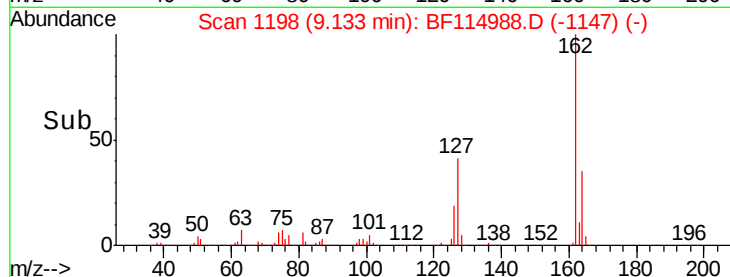
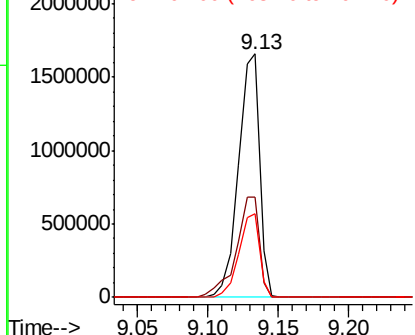
#47
2-Chloronaphthalene
Concen: 40.388 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1728486
Ion Ratio Lower Upper
162 100
127 41.0 33.4 50.2
164 34.6 27.2 40.8

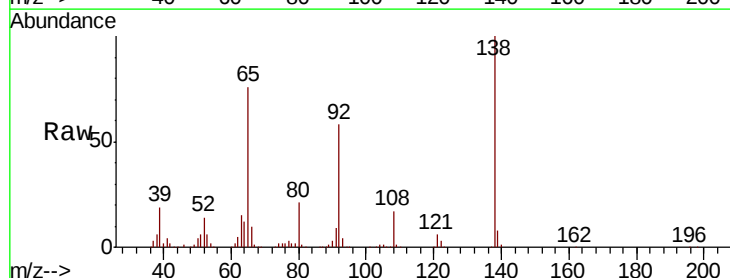


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

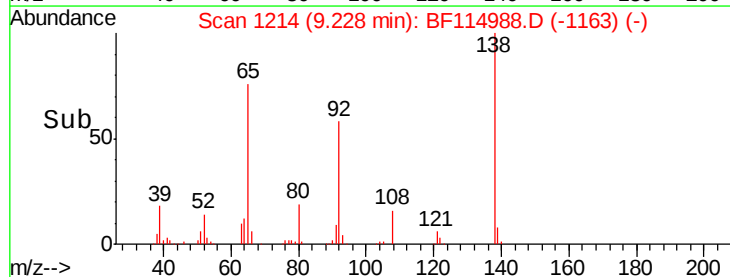
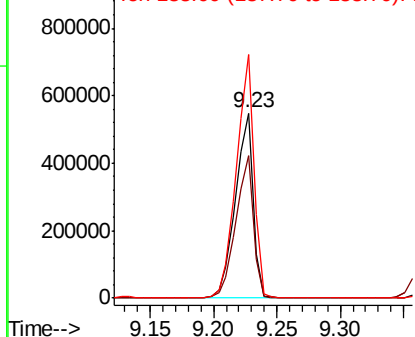


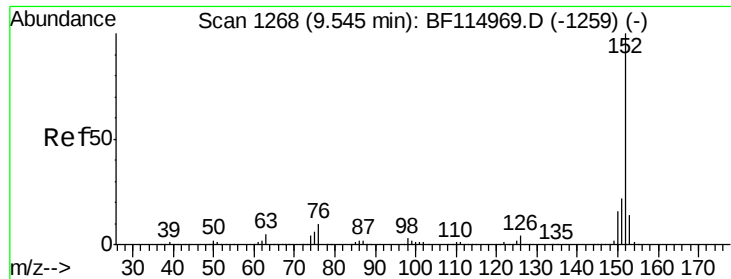
#48
2-Nitroaniline
Concen: 41.743 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion: 65 Resp: 528027
Ion Ratio Lower Upper
65 100
92 76.6 60.5 90.7
138 131.4 102.0 153.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.220 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

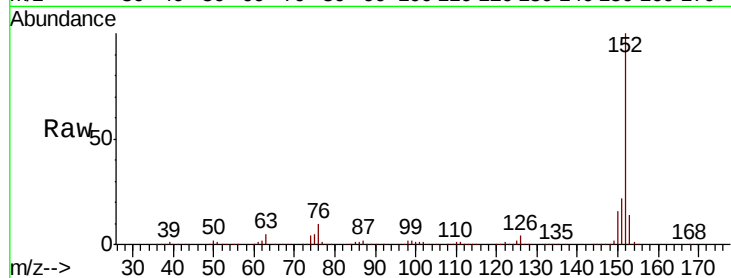
Tot Ion:152 Resp: 2514920

Ion Ratio Lower Upper

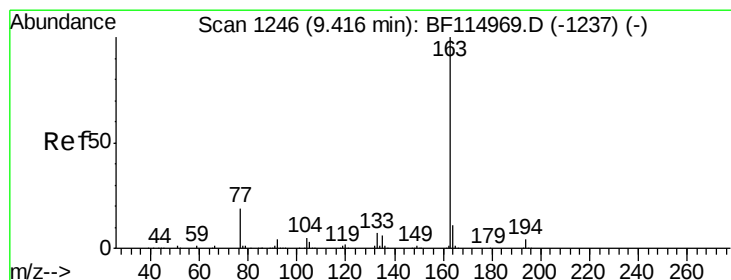
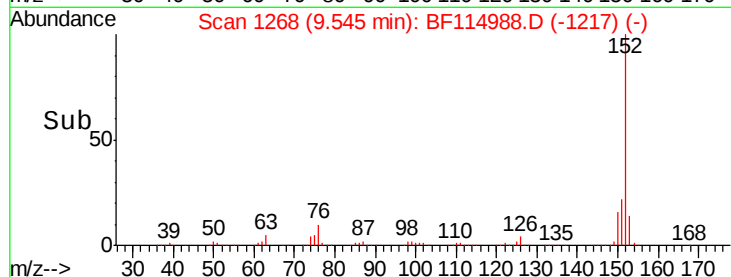
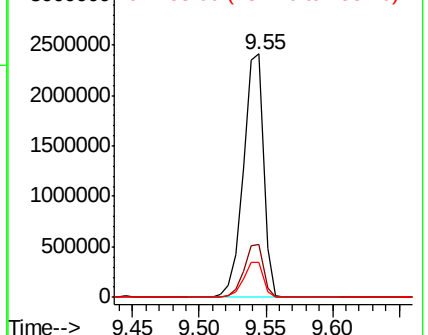
152 100

151 21.9 17.5 26.3

153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.584 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

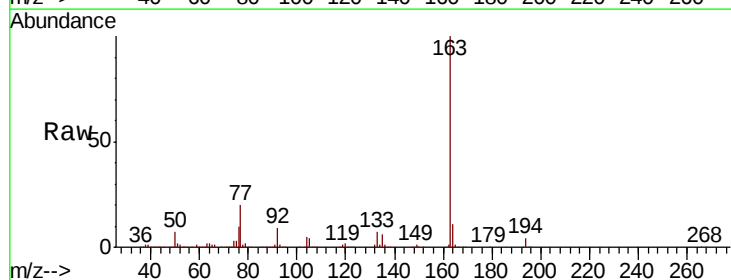
Tgt Ion:163 Resp: 2015729

Ion Ratio Lower Upper

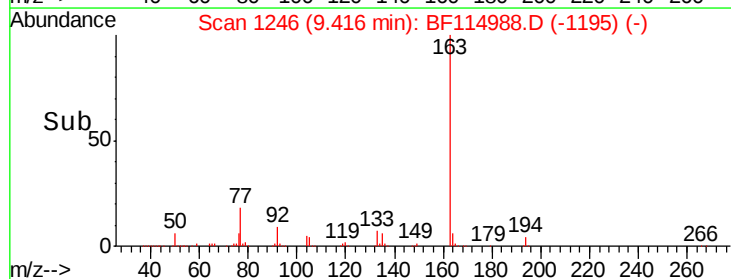
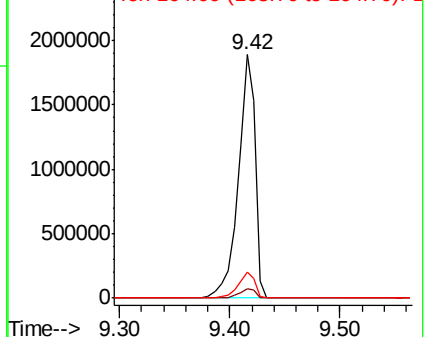
163 100

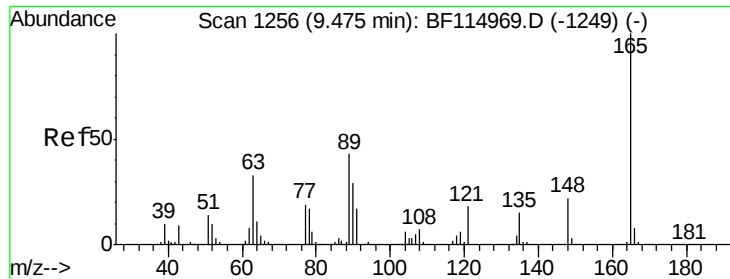
194 4.0 3.3 4.9

164 10.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.613 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

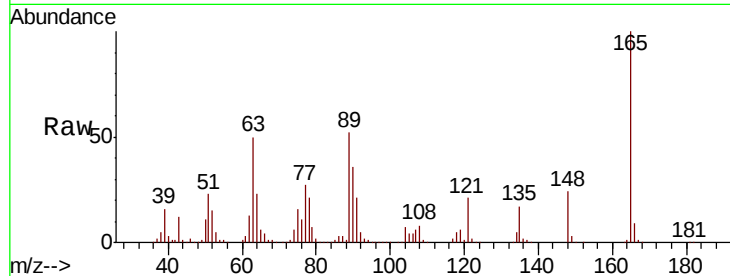
Tot Ion:165 Resp: 468833

Ion Ratio Lower Upper

165 100

63 50.0 30.6 46.0#

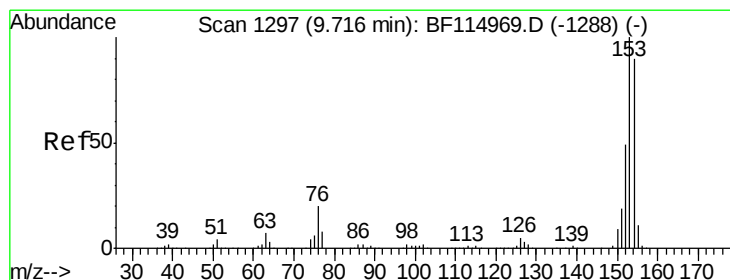
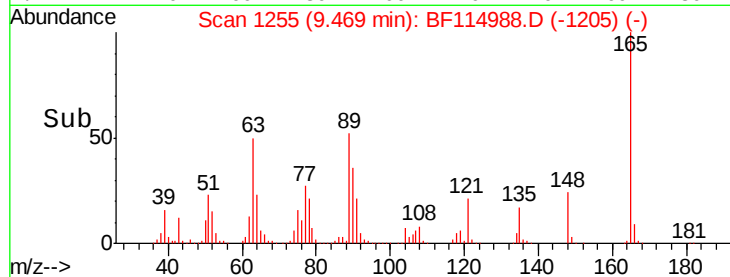
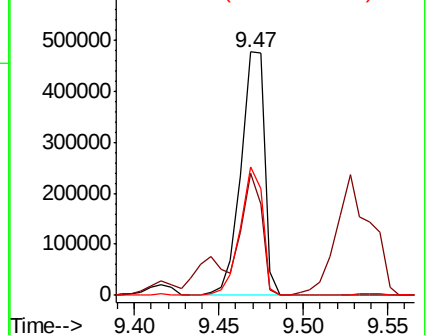
89 52.5 34.4 51.6#



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: 39.639 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

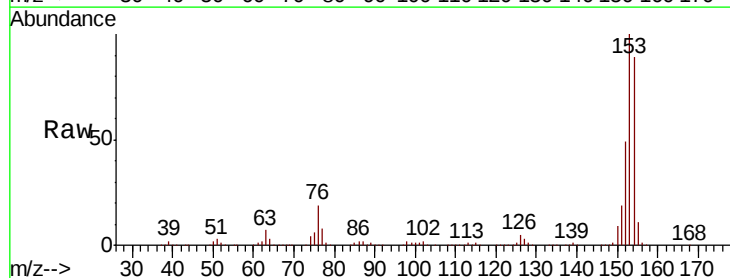
Tgt Ion:154 Resp: 1492261

Ion Ratio Lower Upper

154 100

153 112.3 88.5 132.7

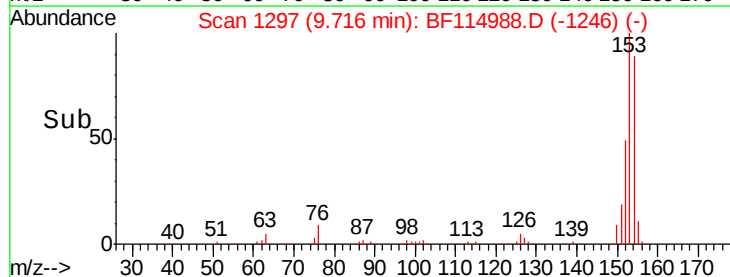
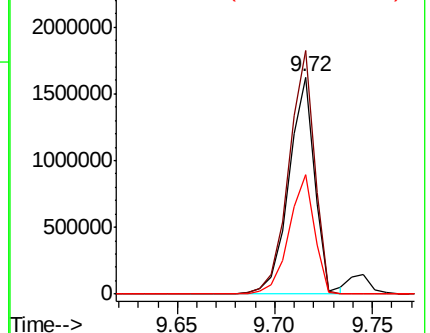
152 55.1 43.6 65.4

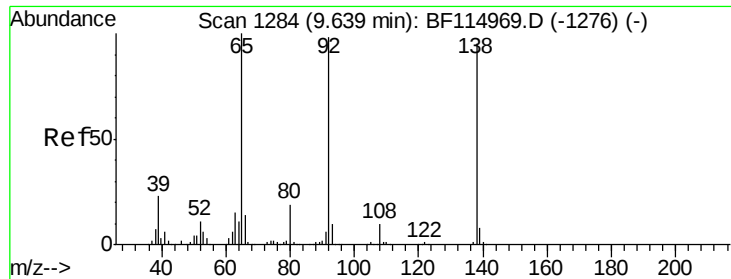


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

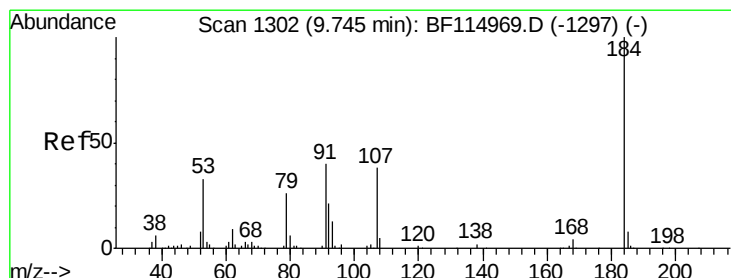
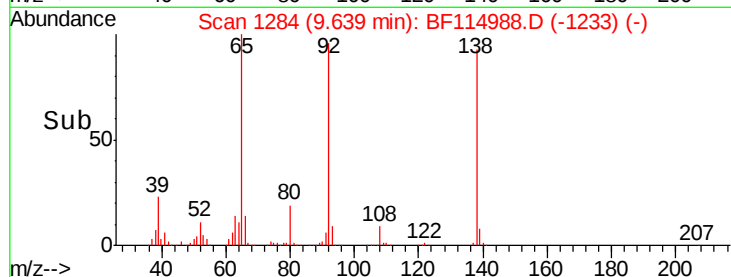
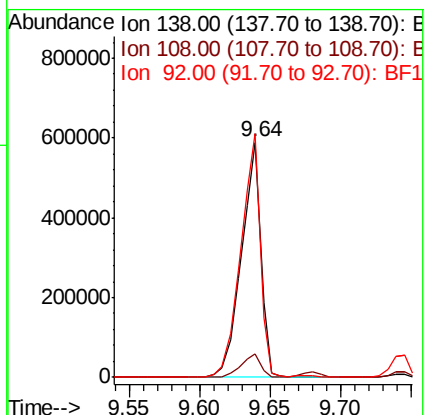
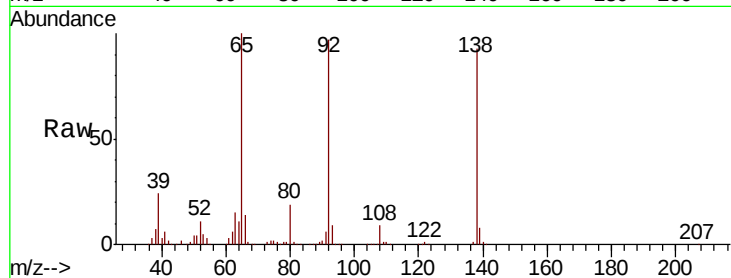




#53
3-Nitroaniline
Concen: 41.054 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

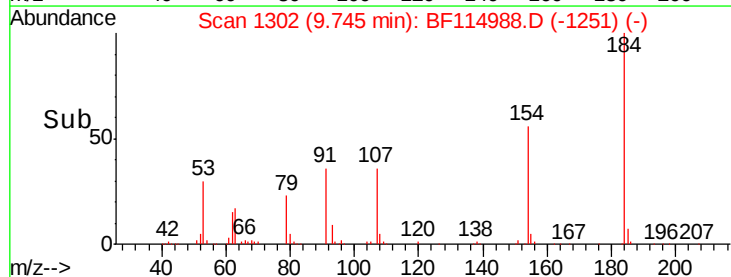
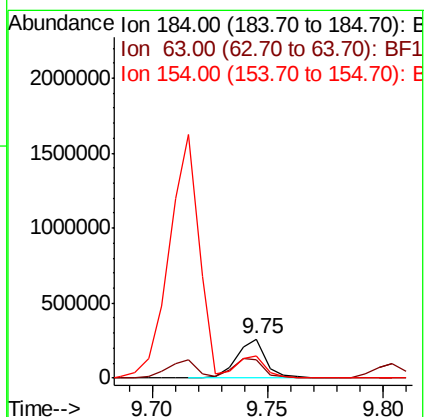
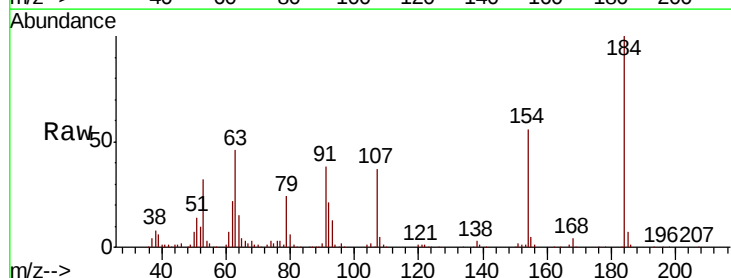
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

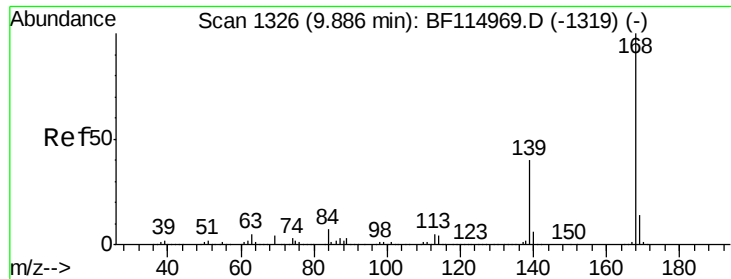
Tot Ion:138 Resp: 566709
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 103.5 82.4 123.6



#54
2,4-Dinitrophenol
Concen: 42.251 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:184 Resp: 230889
Ion Ratio Lower Upper
184 100
63 46.4 40.5 60.7
154 56.5 44.8 67.2

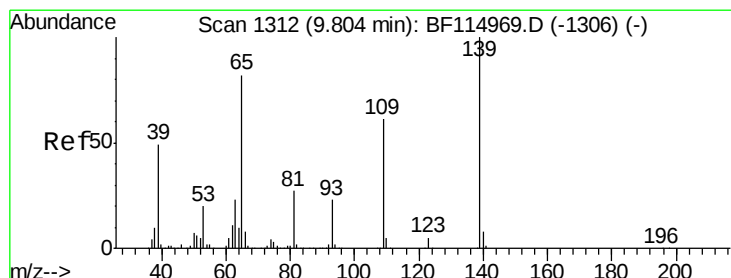
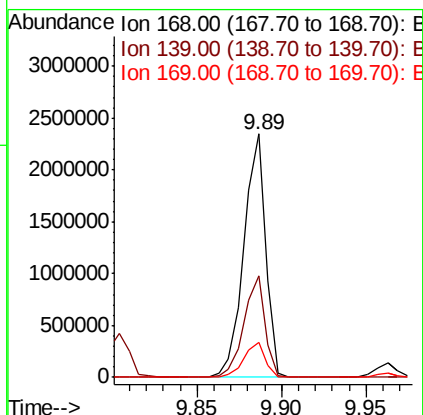
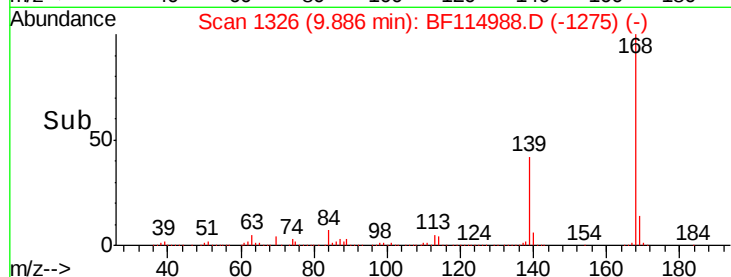
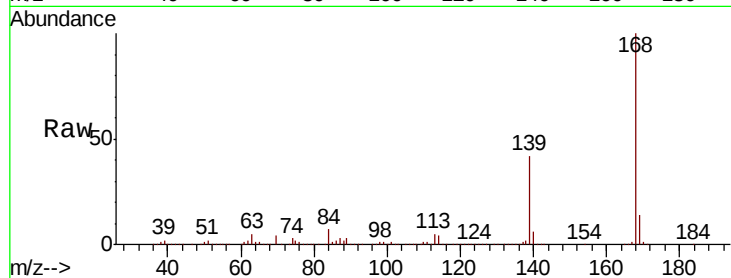




#55
Dibenzofuran
Concen: 37.531 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

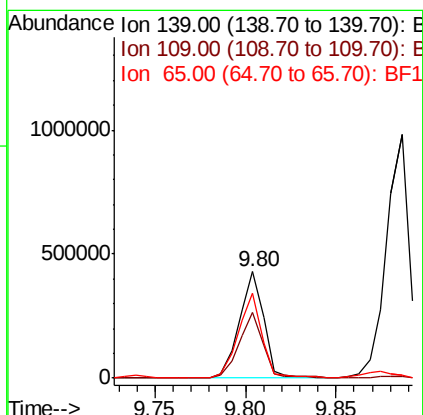
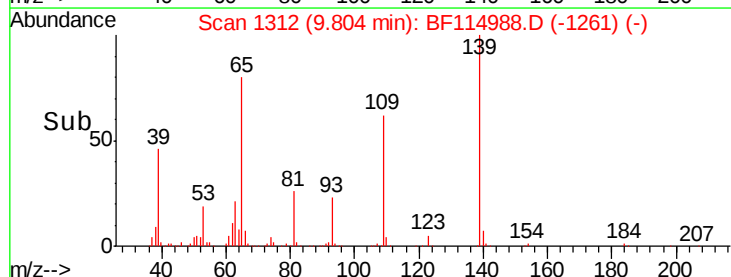
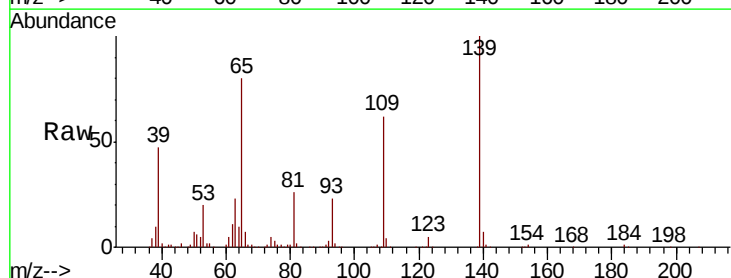
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

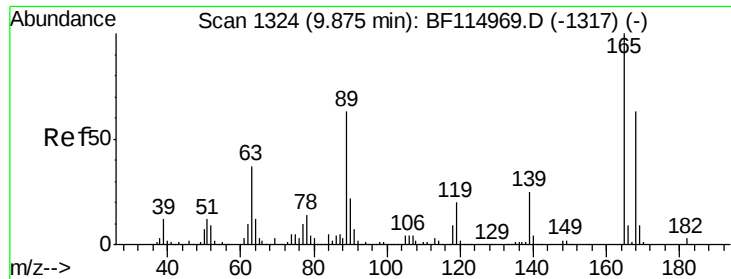
Tot Ion:168 Resp: 2129432
Ion Ratio Lower Upper
168 100
139 41.8 32.5 48.7
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 42.514 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:139 Resp: 404698
Ion Ratio Lower Upper
139 100
109 61.7 41.4 81.4
65 80.1 62.7 102.7

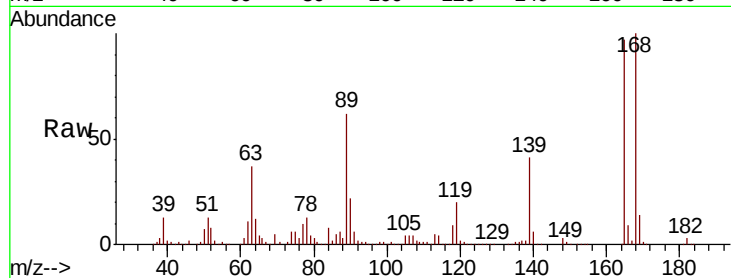




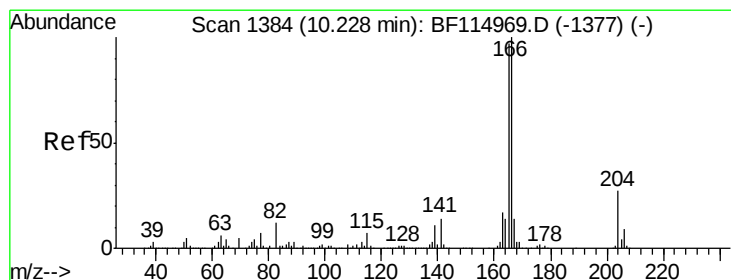
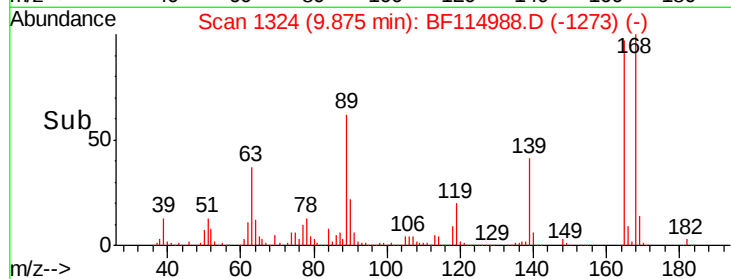
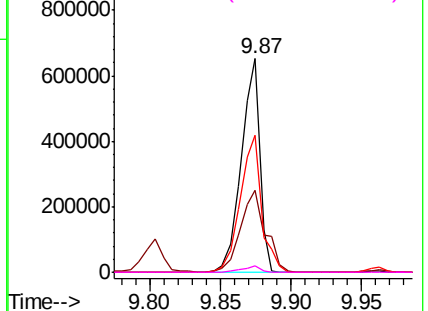
#57
2,4-Dinitrotoluene
Concen: 41.635 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	29.4	44.2
89	64.4	50.6	75.8
182	2.8	2.2	3.2

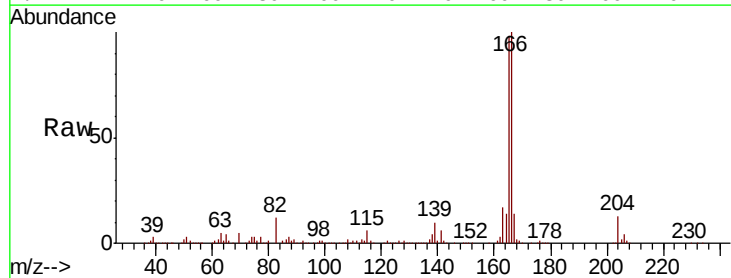


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

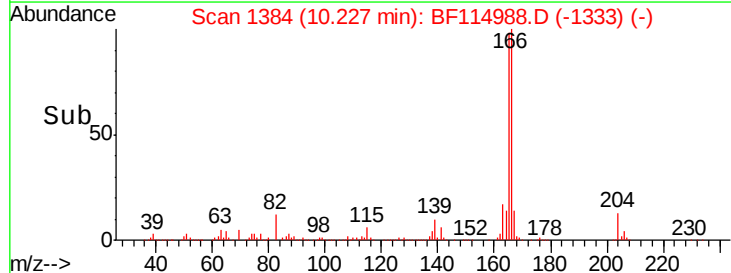
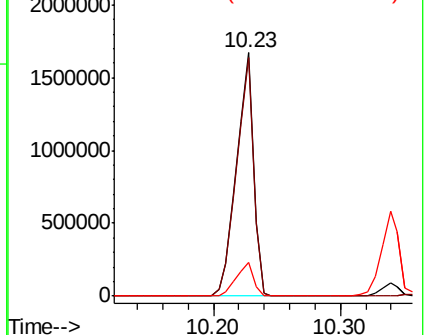


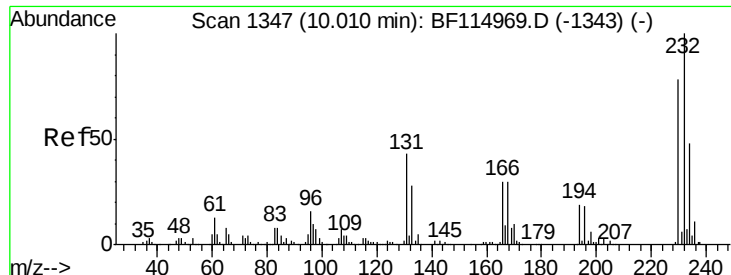
#58
Fluorene
Concen: 39.877 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	13.7	11.0	16.4



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

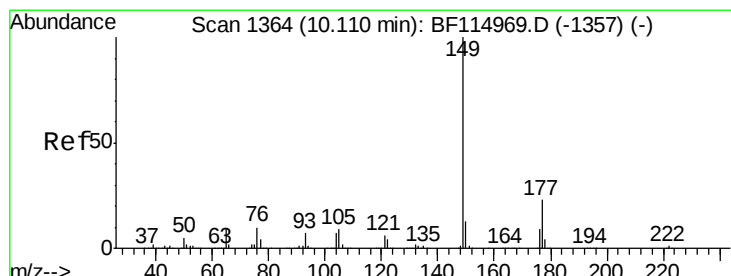
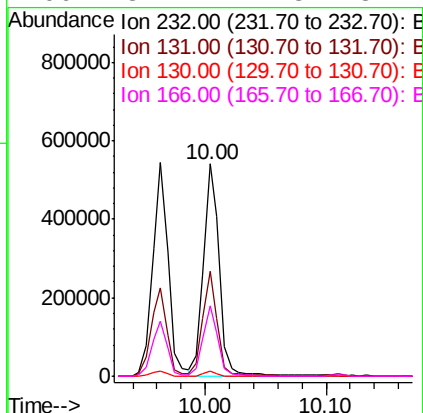
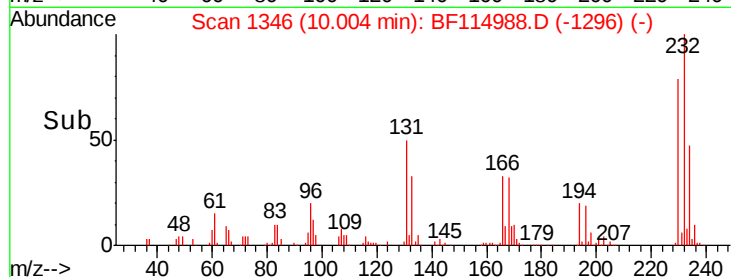
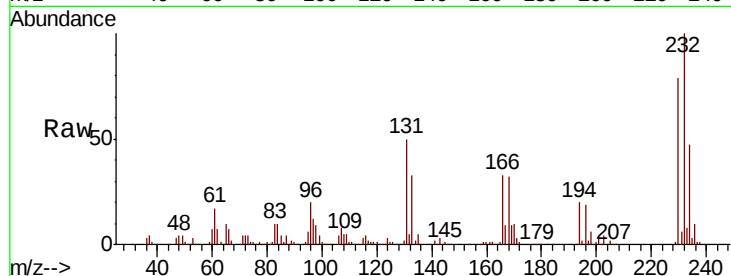




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.274 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

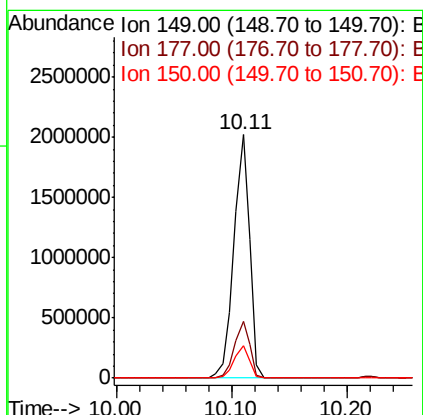
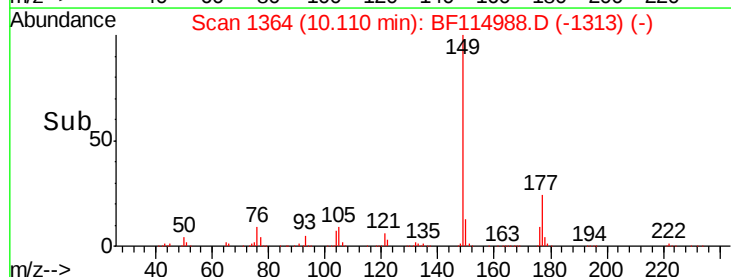
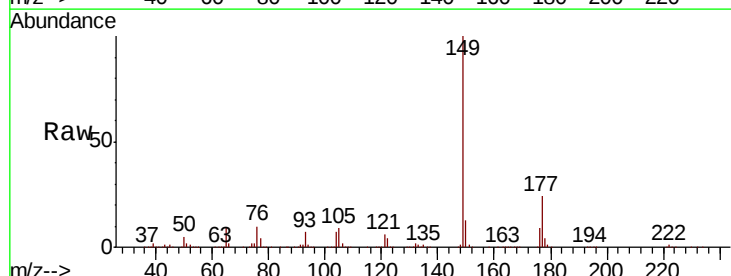
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

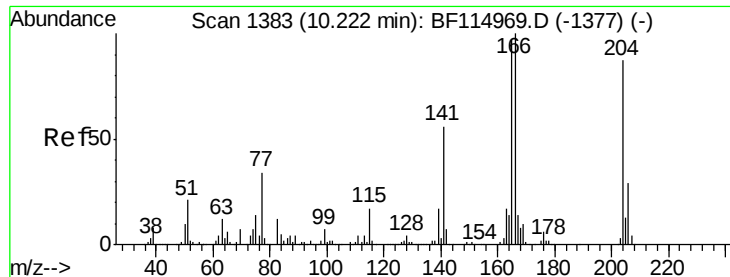
Tot Ion:232 Resp: 491021
 Ion Ratio Lower Upper
 232 100
 131 45.8 36.9 55.3
 130 2.3 1.8 2.6
 166 31.4 24.8 37.2



#60
 Diethylphthalate
 Concen: 40.129 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

Tgt Ion:149 Resp: 1905729
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.6 27.8
 150 13.4 10.5 15.7

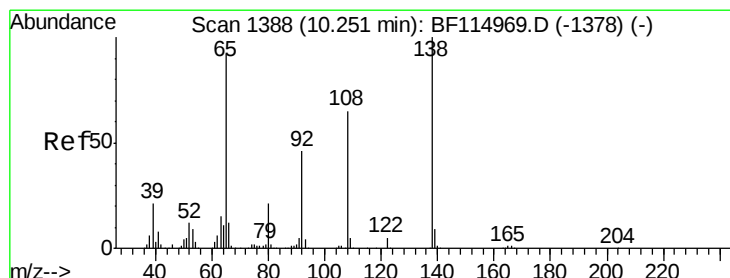
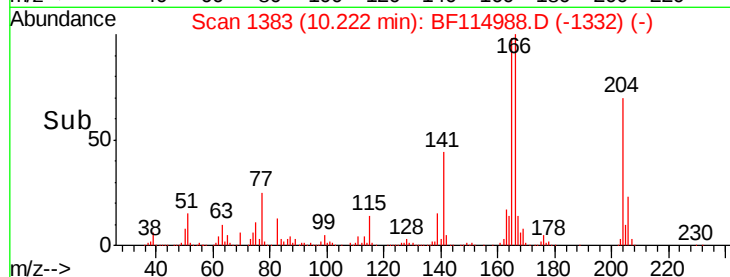
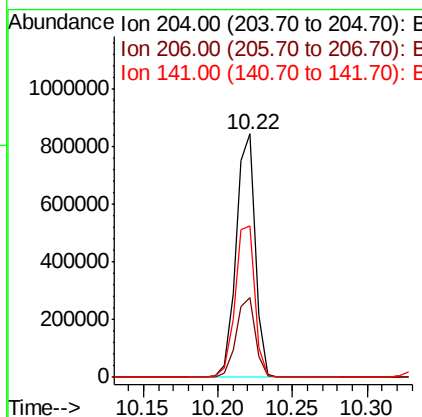
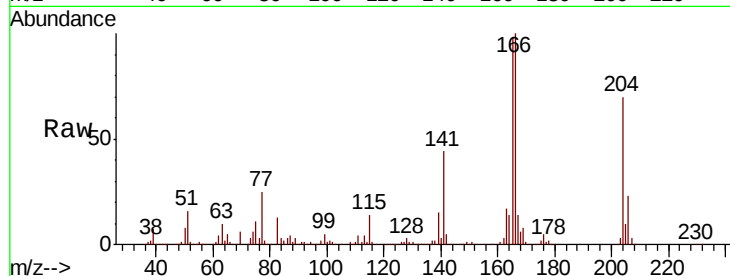




#61
 4-Chlorophenyl-phenylether
 Concen: 39.817 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

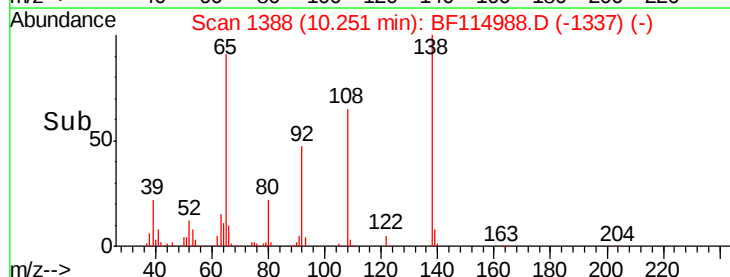
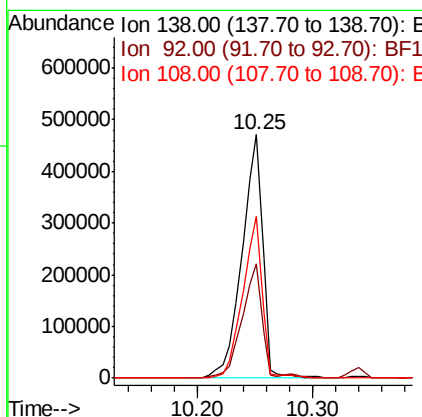
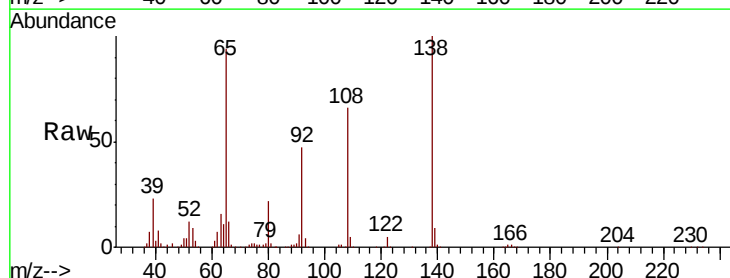
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

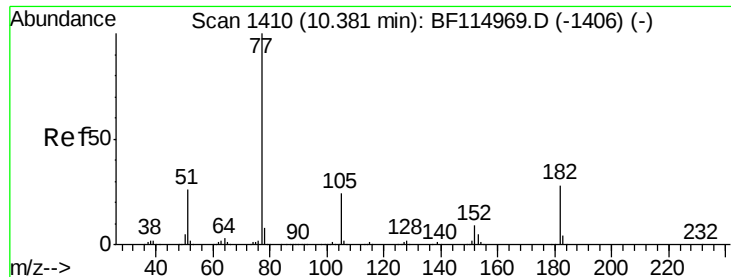
Tot Ion:	204	Resp:	762736
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.1	51.8	77.8



#62
 4-Nitroaniline
 Concen: 42.264 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

Tgt Ion:	138	Resp:	586583
Ion	Ratio	Lower	Upper
138	100		
92	46.8	25.7	65.7
108	66.2	44.6	84.6





#63

Azobenzene

Concen: 40.425 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1679533

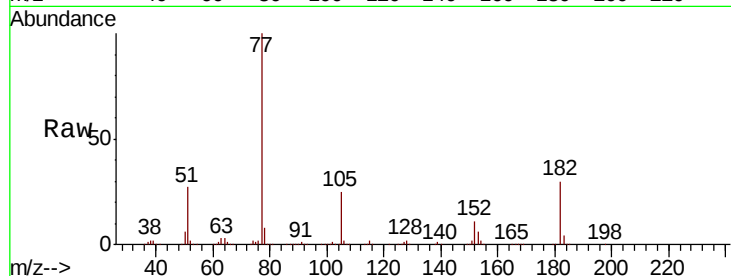
Ion Ratio Lower Upper

77 100

182 29.7 7.4 47.4

105 24.8 4.2 44.2

51 26.8 6.2 46.2

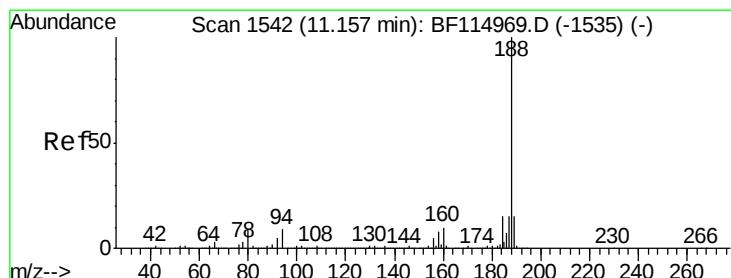
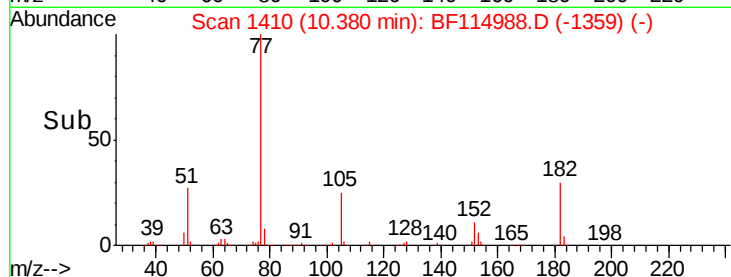
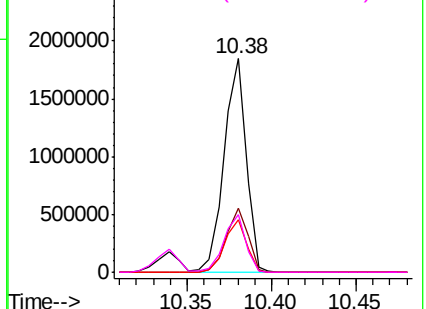


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

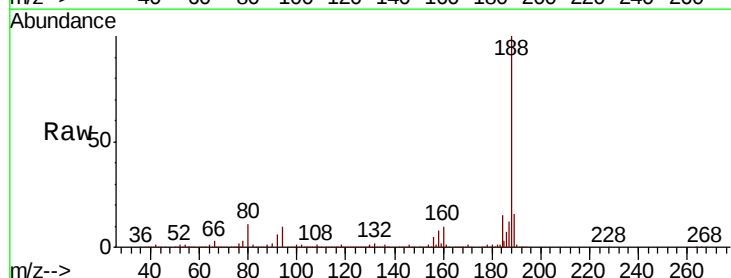
Tgt Ion: 188 Resp: 1273505

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

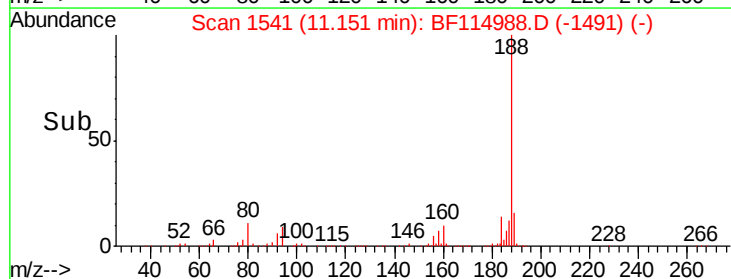
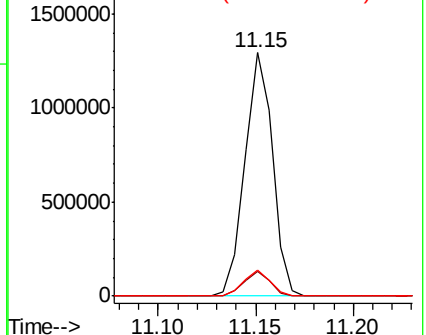
80 10.9 7.4 11.2

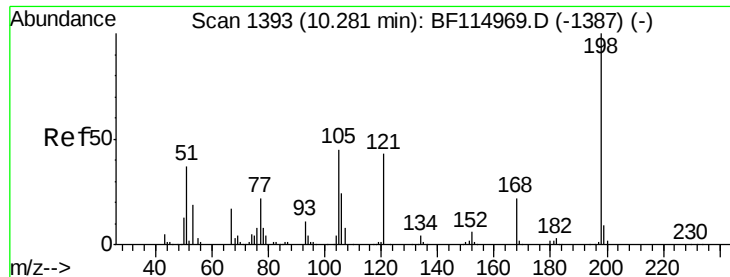


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

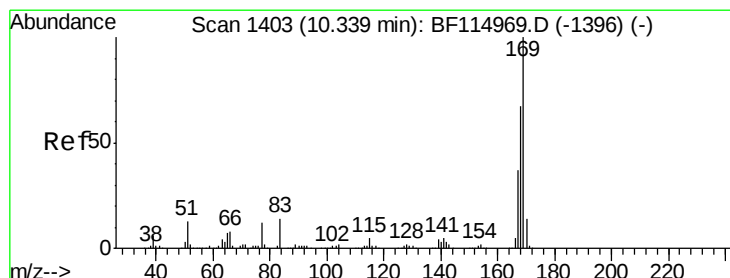
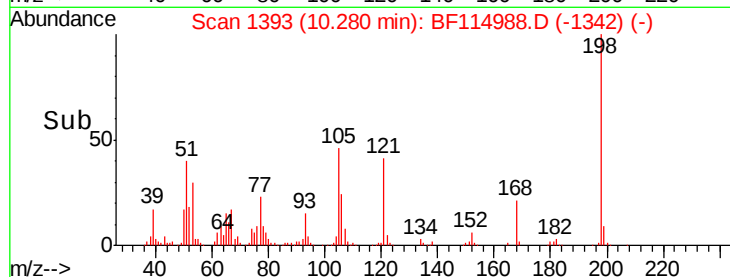
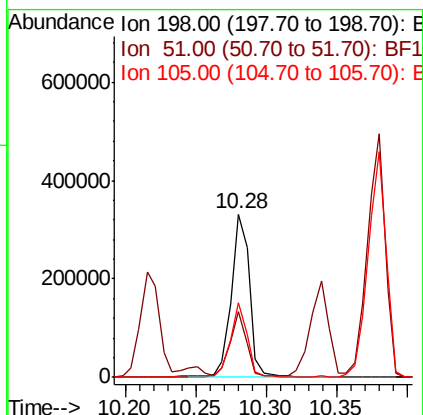
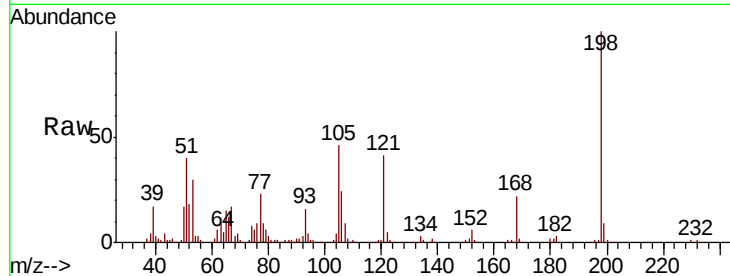




#65
4,6-Dinitro-2-methylphenol
Concen: 42.069 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

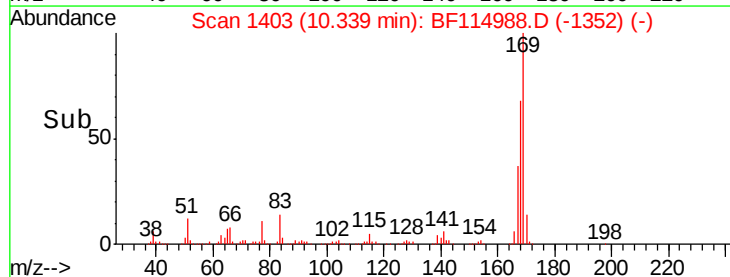
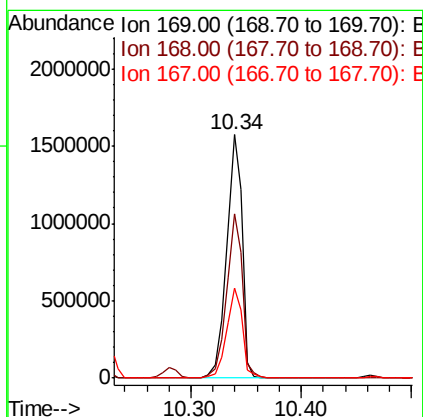
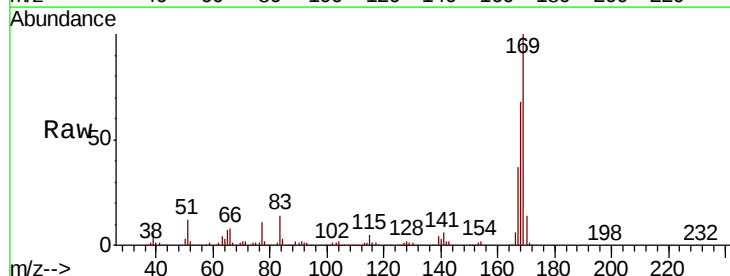
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

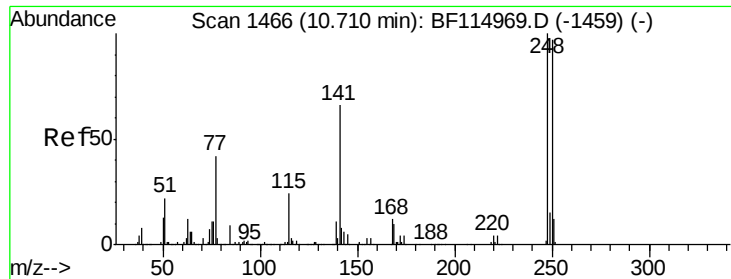
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	23.0	63.0
105	45.5	26.5	66.5



#66
n-Nitrosodiphenylamine
Concen: 40.607 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.6	80.4
167	37.2	29.6	44.4

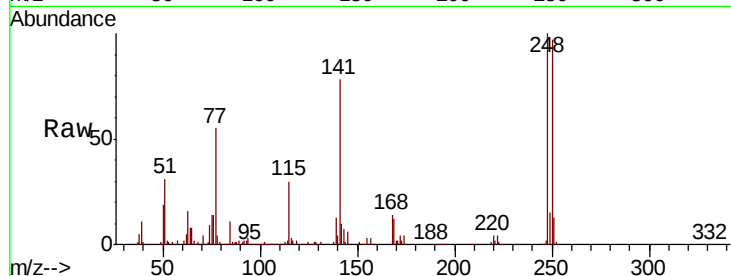




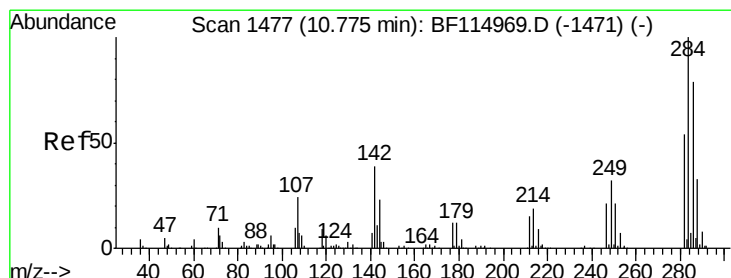
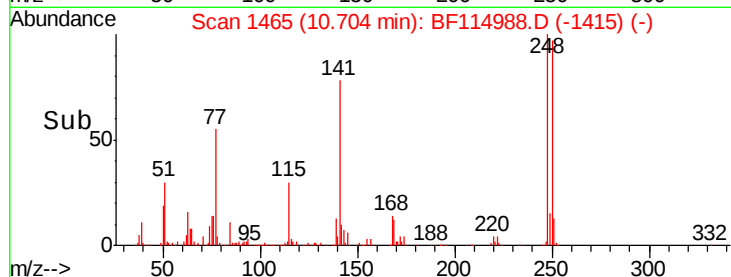
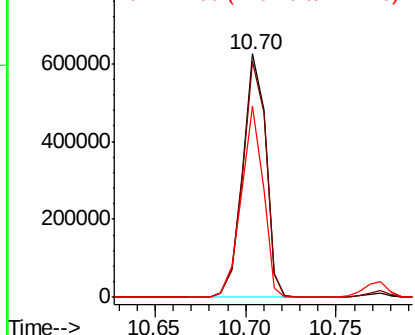
#67
4-Bromophenyl-phenylether
Concen: 40.727 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 556888
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 78.4 53.1 79.7

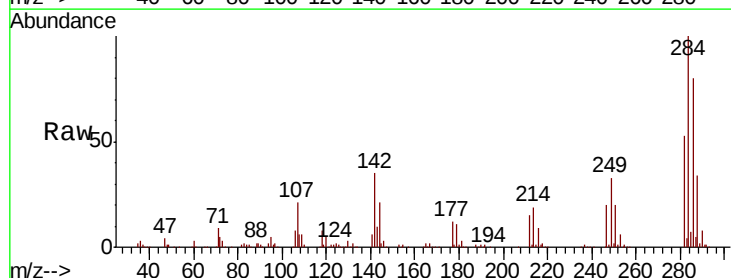


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

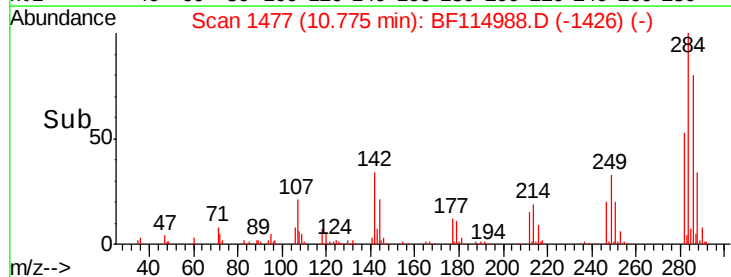
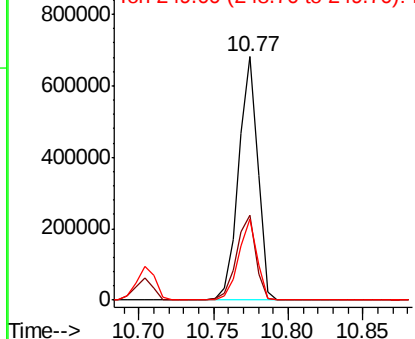


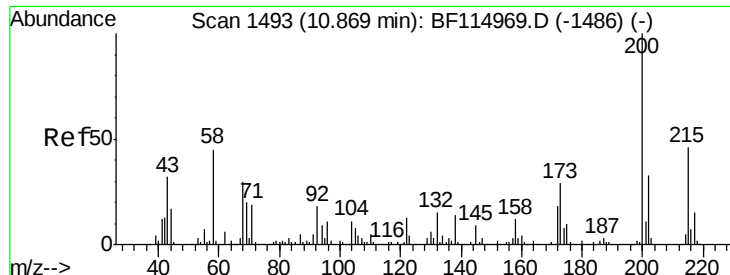
#68
Hexachlorobenzene
Concen: 40.656 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:284 Resp: 612028
Ion Ratio Lower Upper
284 100
142 35.0 31.5 47.3
249 33.1 25.6 38.4



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





#69

Atrazine

Concen: 40.348 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

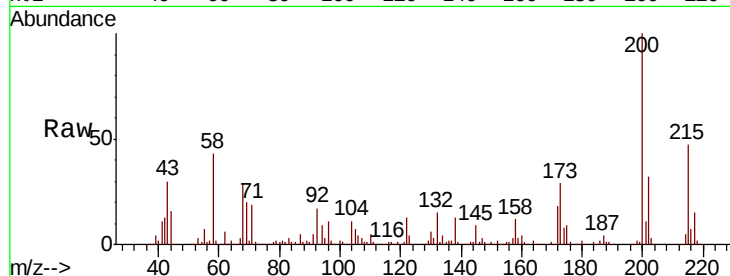
Tot Ion:200 Resp: 495207

Ion Ratio Lower Upper

200 100

173 28.8 9.0 49.0

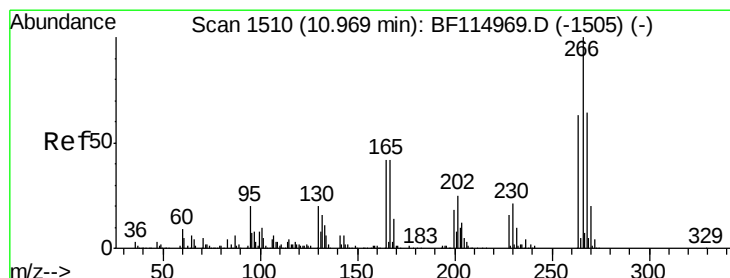
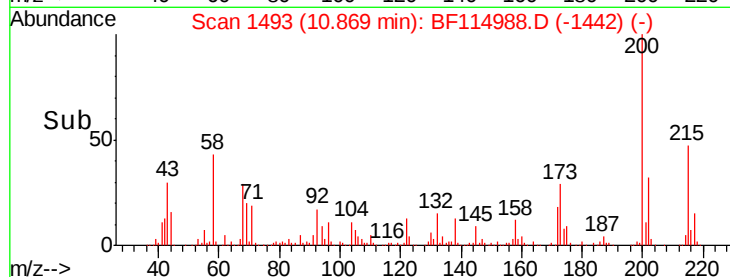
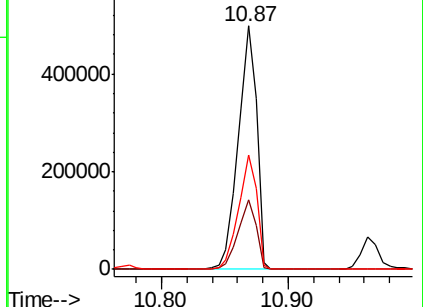
215 47.1 26.5 66.5



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: 43.952 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

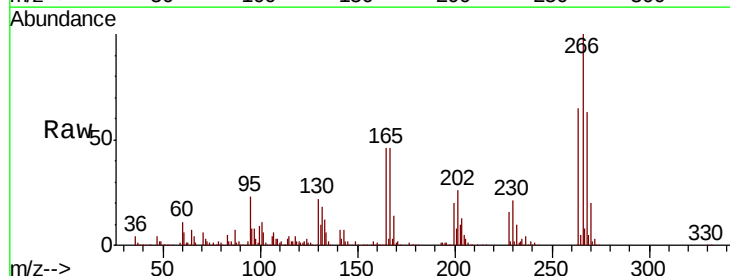
Tgt Ion:266 Resp: 359325

Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.2

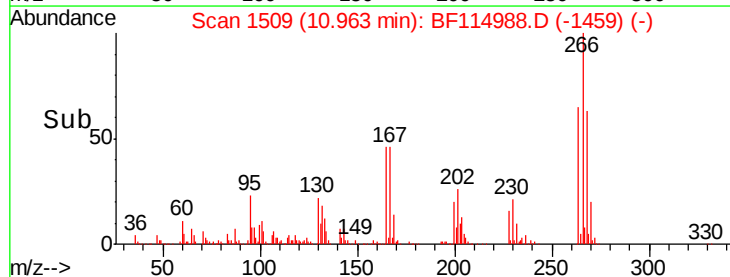
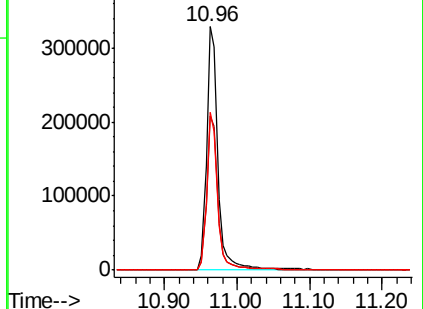
264 64.6 50.3 75.5

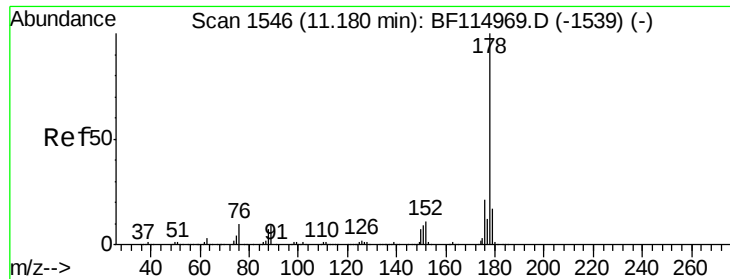


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

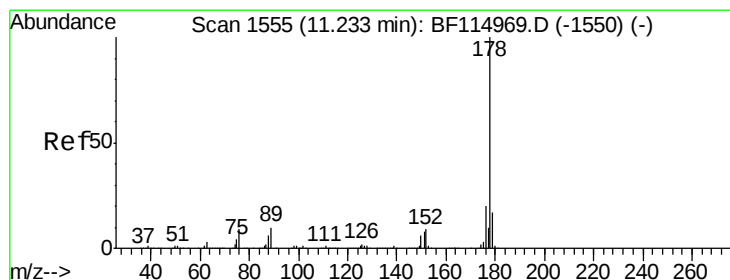
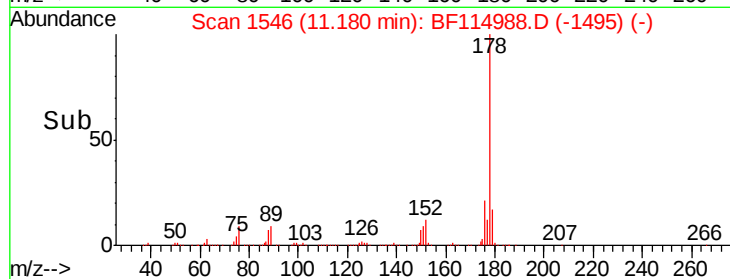
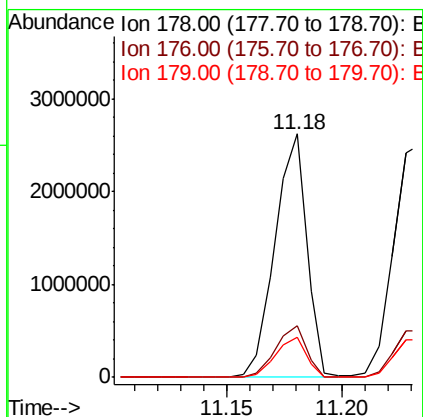
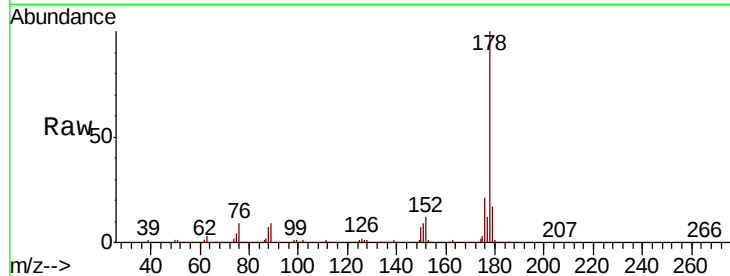




#71
Phenanthrene
Concen: 38.045 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

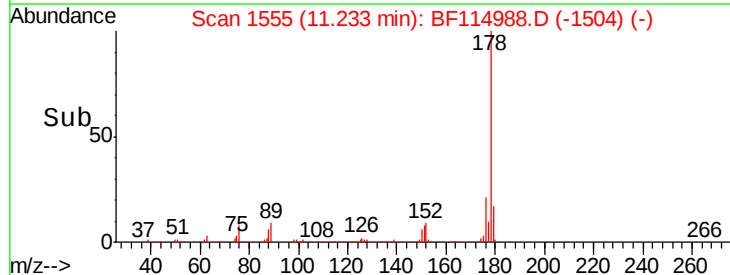
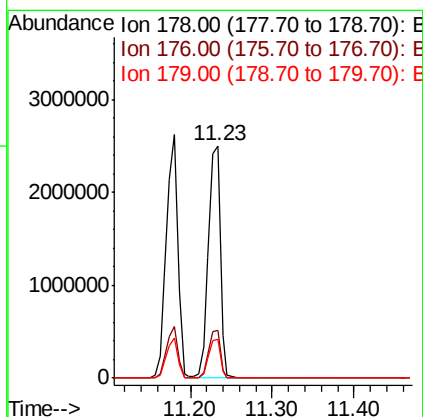
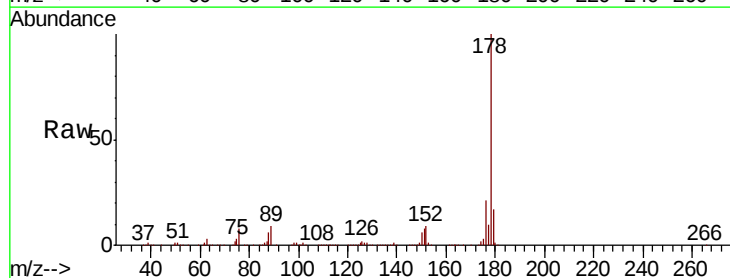
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

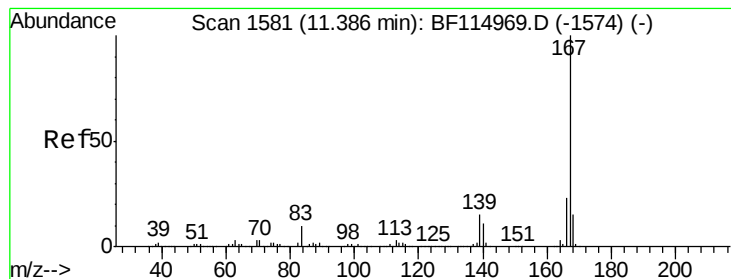
Tot Ion:178 Resp: 2501602
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.6 13.4 20.0



#72
Anthracene
Concen: 38.061 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:178 Resp: 2524716
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.5 13.2 19.8





#73

Carbazole

Concen: 40.292 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

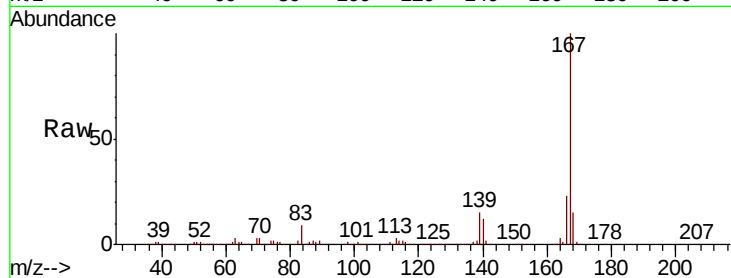
Tot Ion:167 Resp: 2332845

Ion Ratio Lower Upper

167 100

166 23.1 18.5 27.7

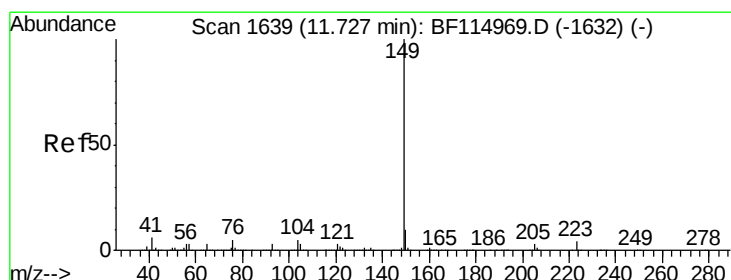
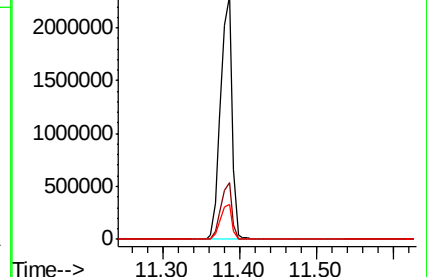
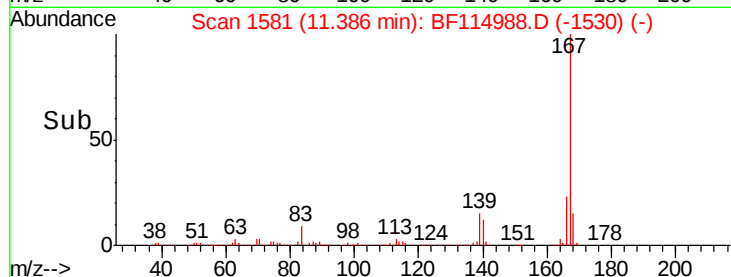
139 14.5 12.0 18.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.748 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

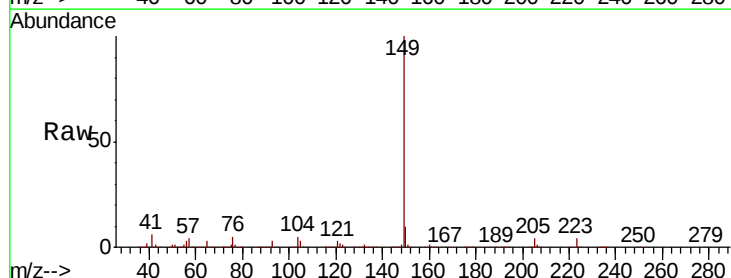
Tgt Ion:149 Resp: 2755281

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

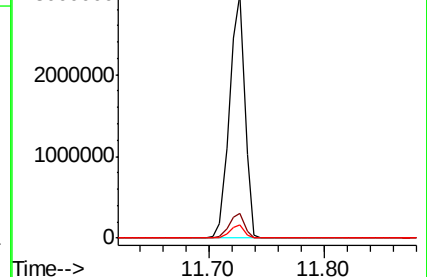
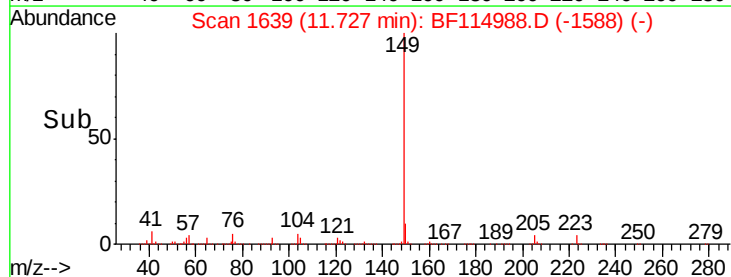
104 5.2 4.0 6.0

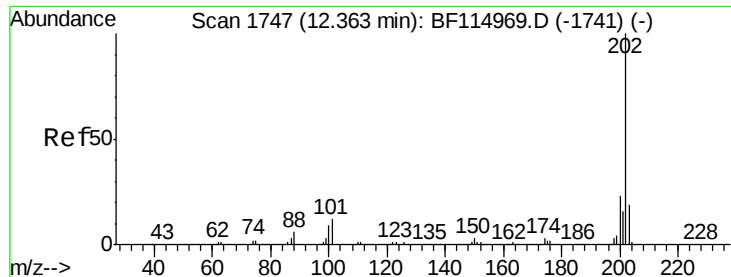


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.185 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

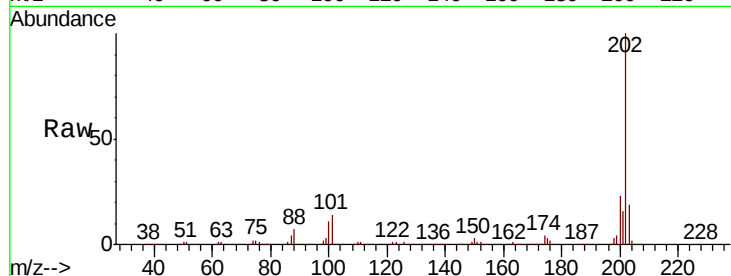
Tot Ion:202 Resp: 2567381

Ion Ratio Lower Upper

202 100

101 14.2 0.0 32.4

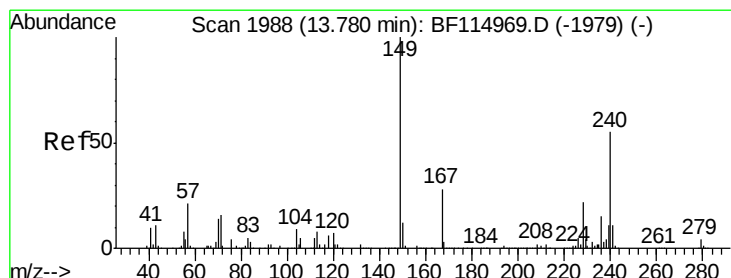
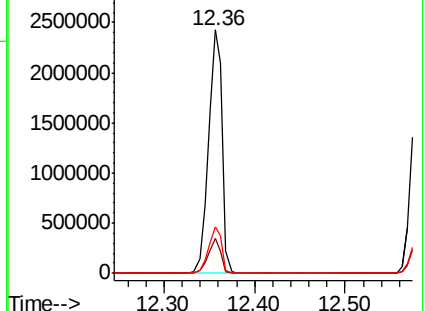
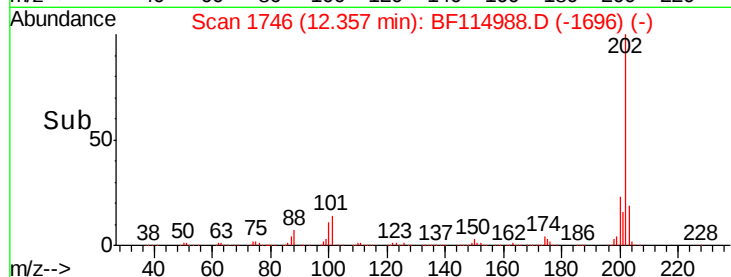
203 19.0 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

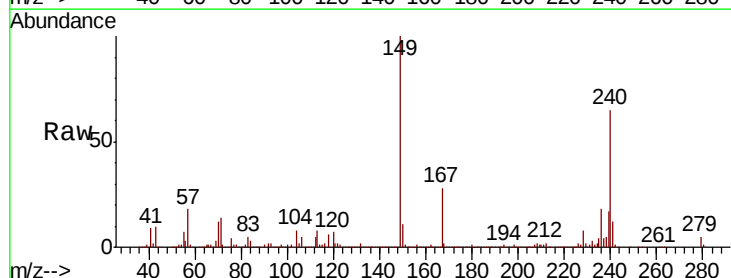
Tgt Ion:240 Resp: 698142

Ion Ratio Lower Upper

240 100

120 10.9 10.0 15.0

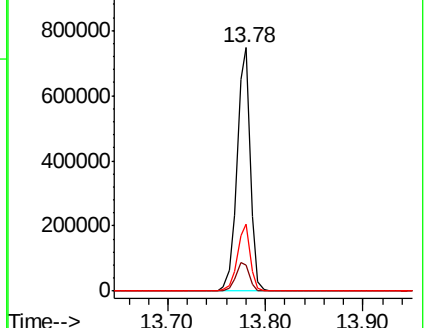
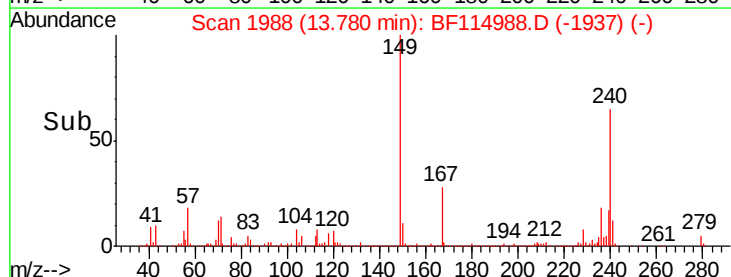
236 27.3 21.6 32.4

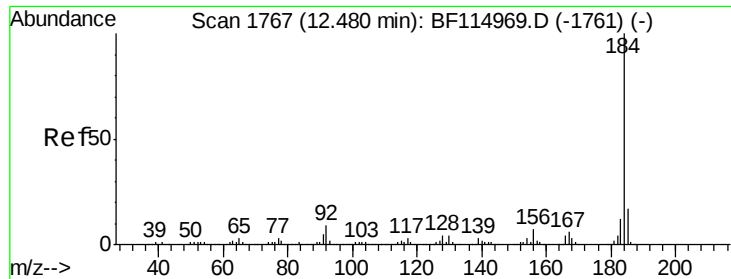


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.417 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

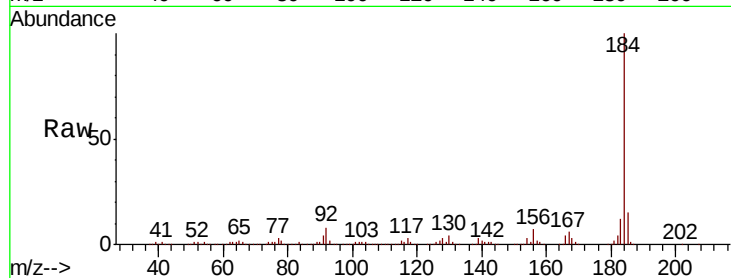
Tot Ion:184 Resp: 1169546

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

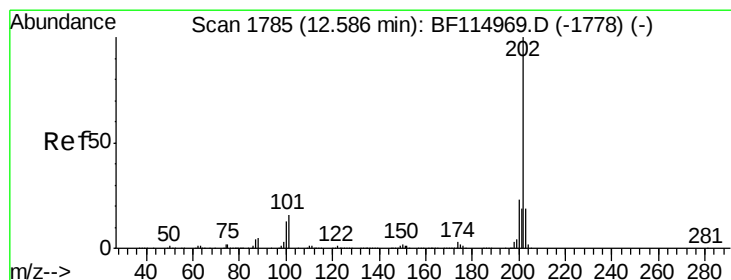
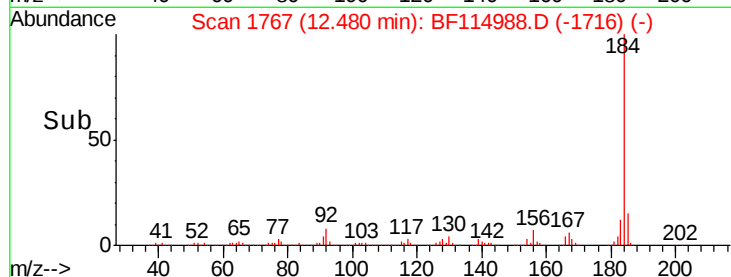
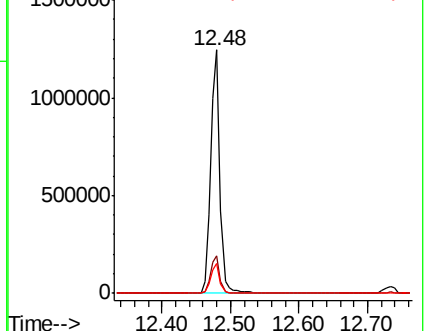
183 12.1 9.8 14.6



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: 40.811 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

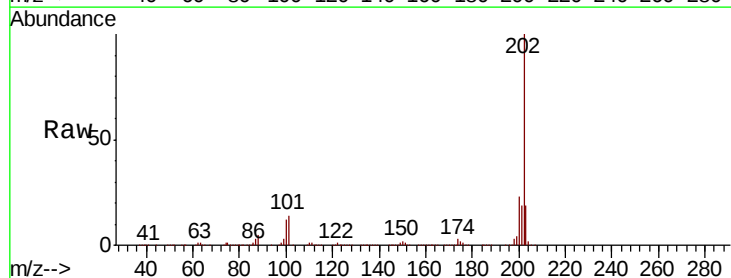
Tgt Ion:202 Resp: 2595525

Ion Ratio Lower Upper

202 100

200 23.0 18.4 27.6

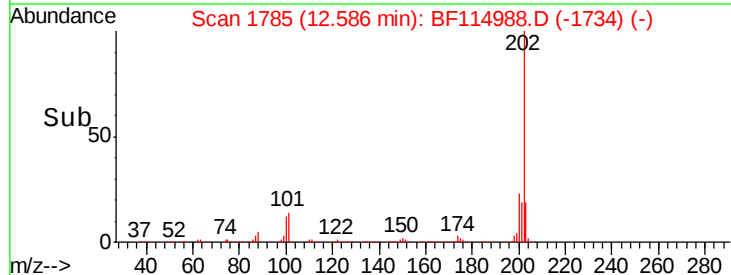
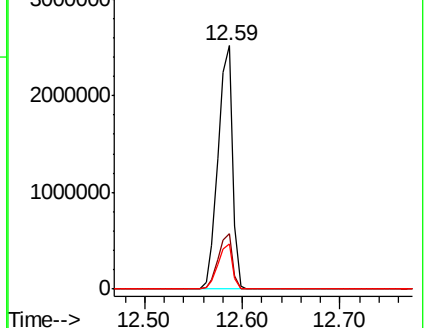
203 18.6 14.9 22.3

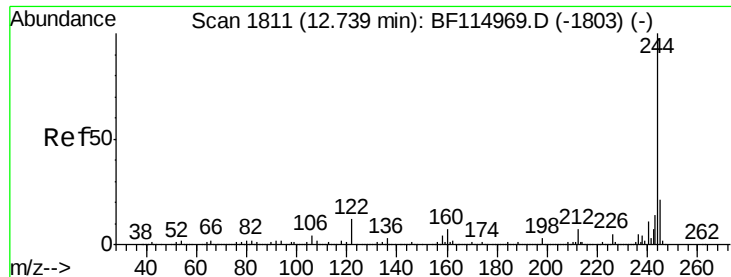


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

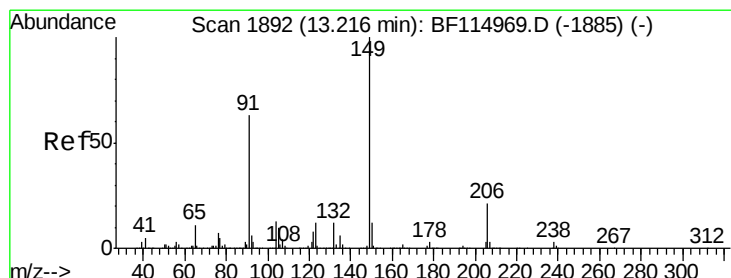
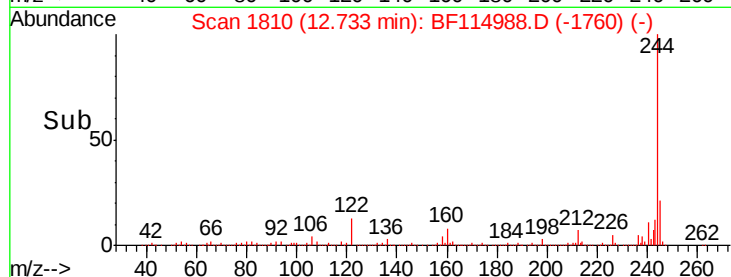
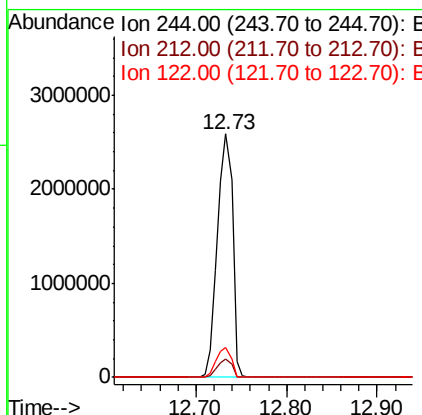
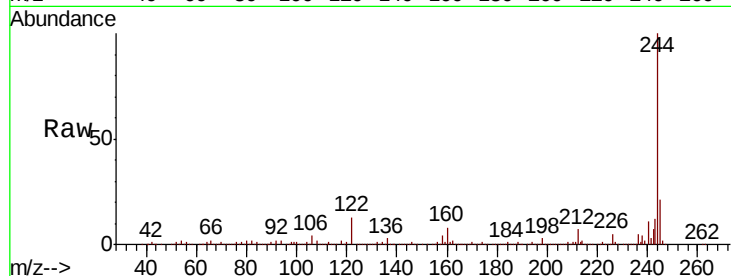




#79
 Terphenyl-d14
 Concen: 80.428 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

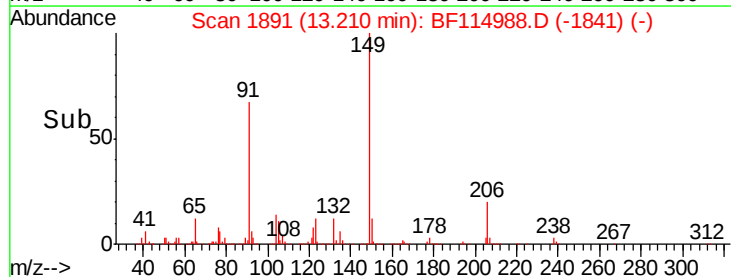
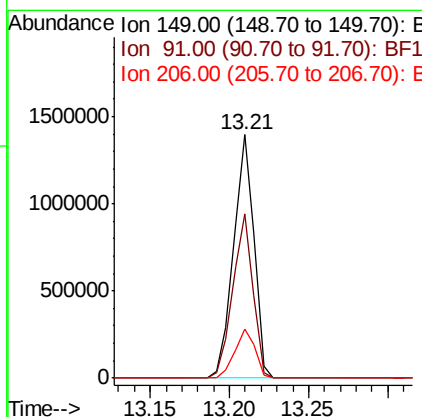
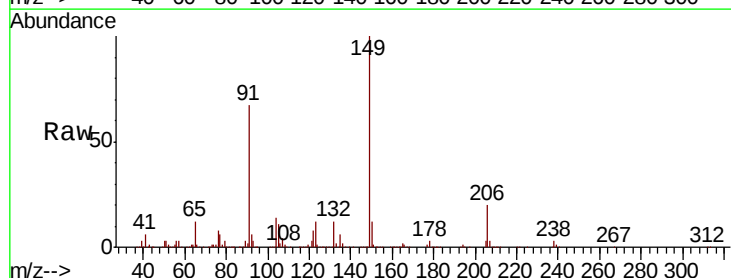
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

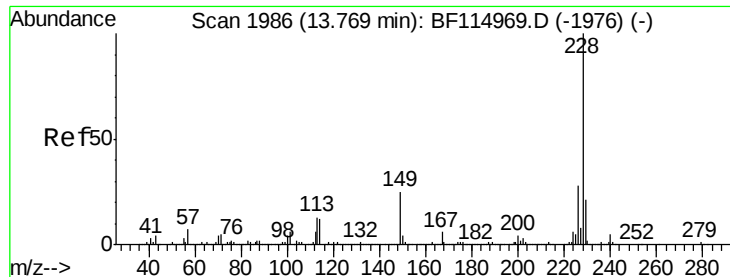
Tot Ion:244 Resp: 2985326
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.5 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 41.929 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF114988.D
 Acq: 13 Jun 2019 8:13

Tgt Ion:149 Resp: 1245545
 Ion Ratio Lower Upper
 149 100
 91 67.4 50.6 76.0
 206 20.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 41.725 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

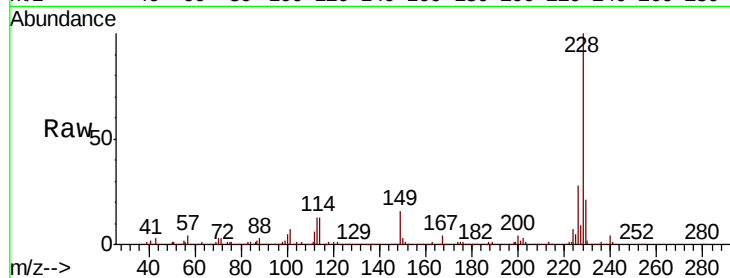
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2179866

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	20.8	16.6	25.0

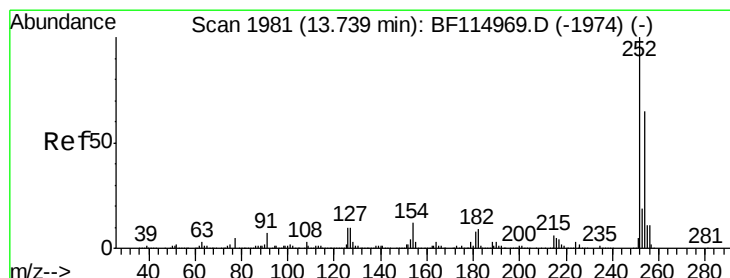
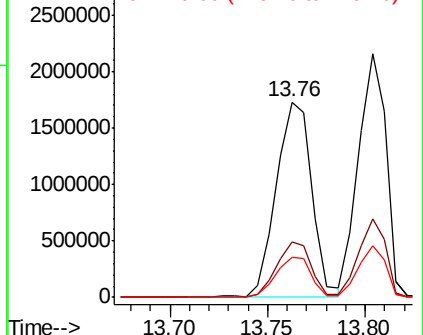
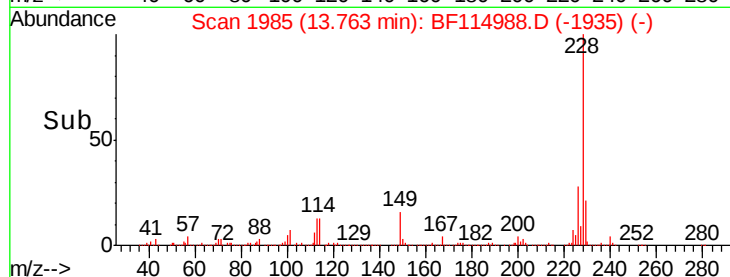


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.590 ng

RT: 13.73 min Scan# 1980

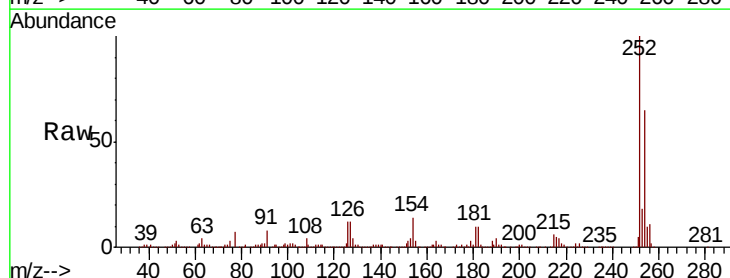
Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Tgt Ion:252 Resp: 853054

Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.2	78.4
126	12.2	8.0	12.0#

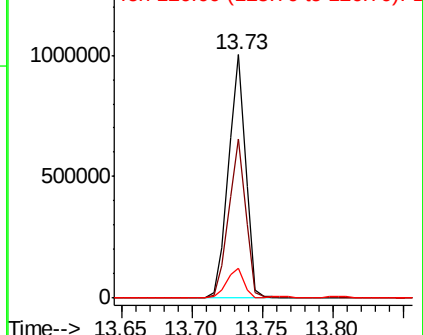
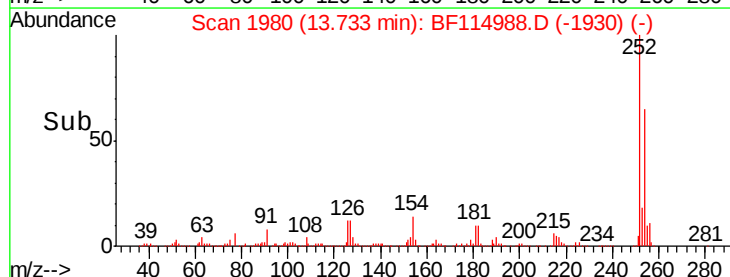


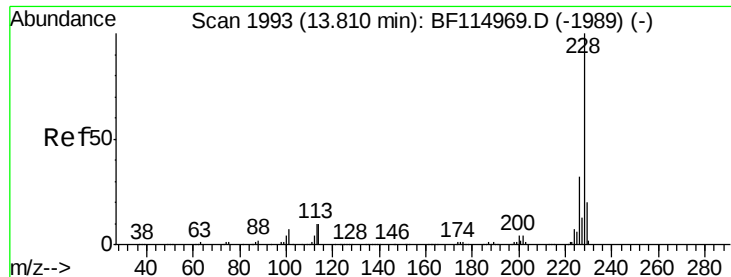
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.967 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

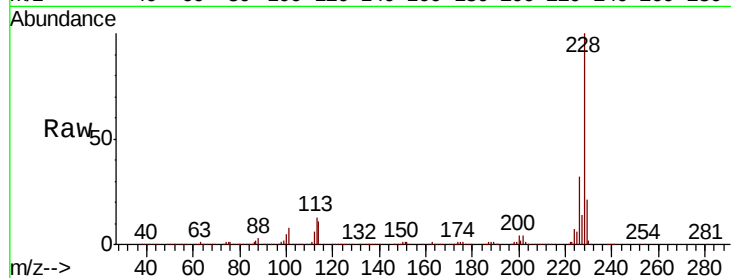
Tot Ion:228 Resp: 2128294

Ion Ratio Lower Upper

228 100

226 32.2 25.4 38.0

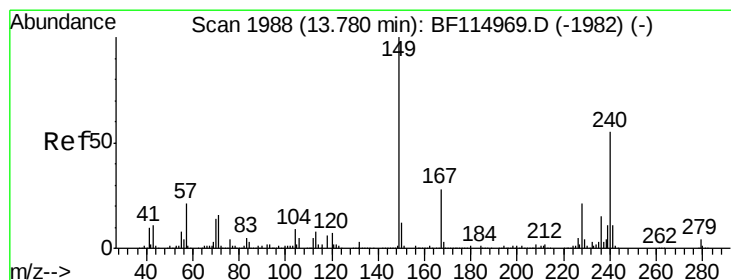
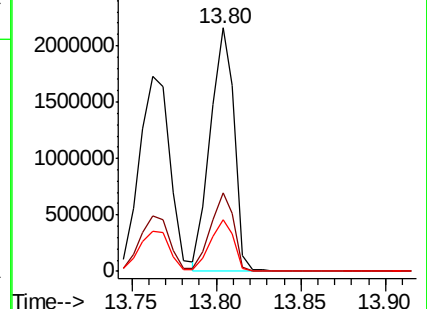
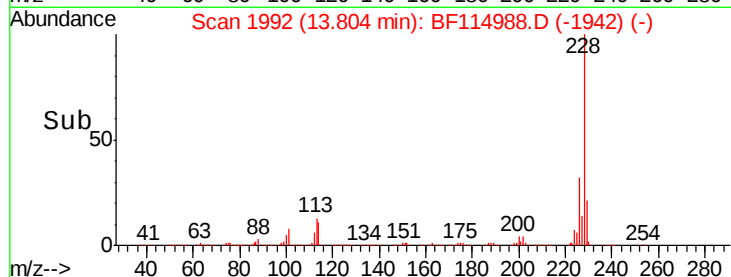
229 21.3 16.4 24.6



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: 40.860 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

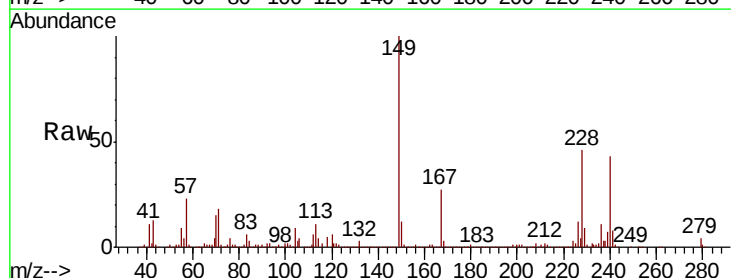
Tgt Ion:149 Resp: 1434548

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

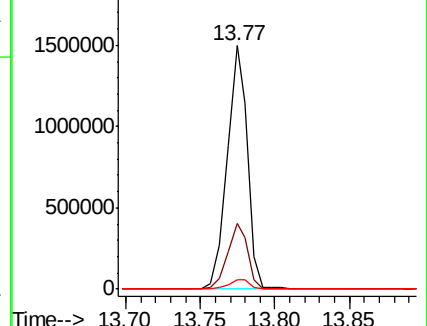
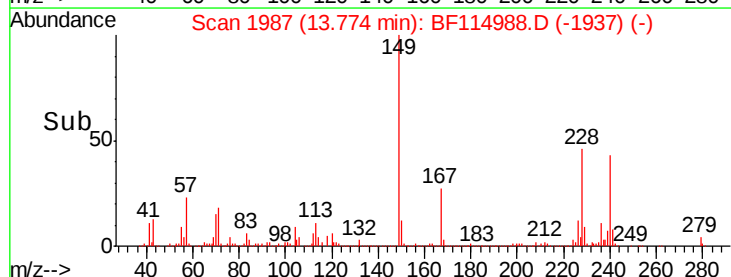
279 3.8 3.4 5.0

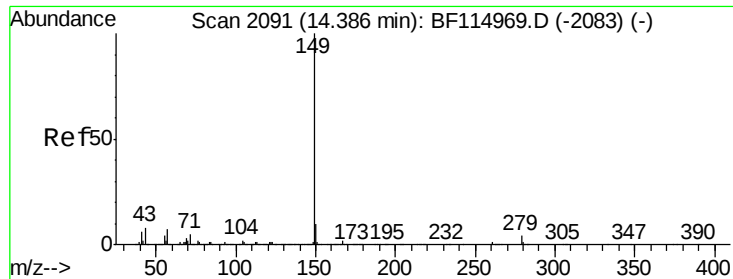


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

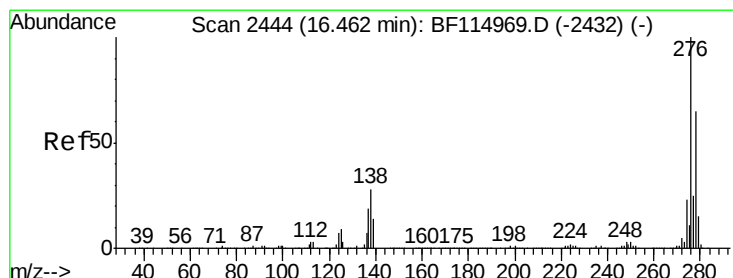
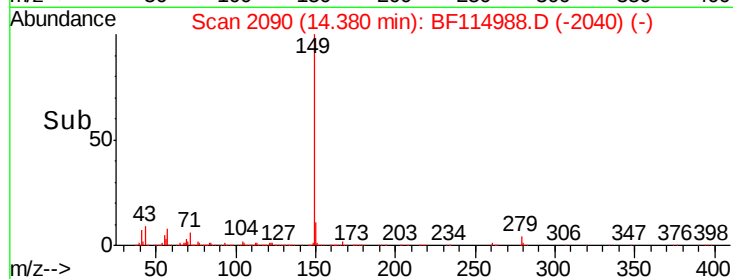
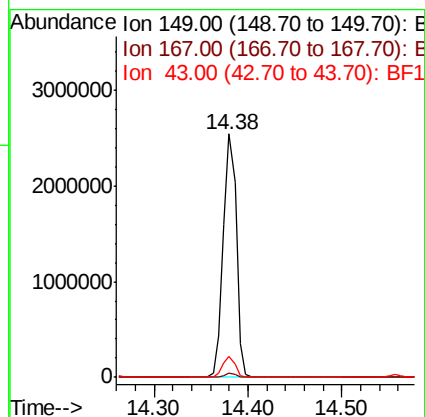
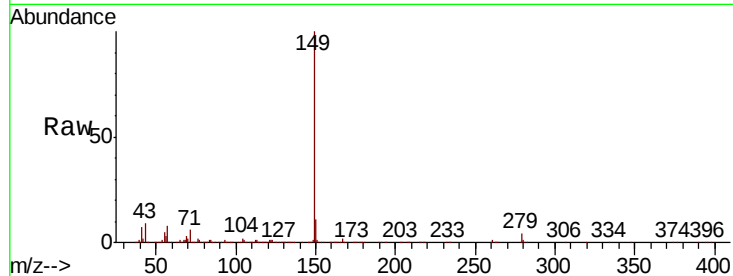




#85
Di-n-octyl phthalate
Concen: 41.423 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

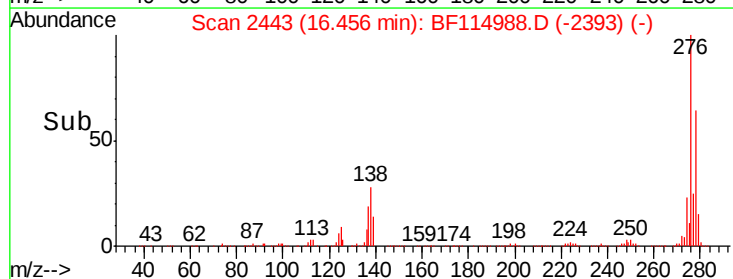
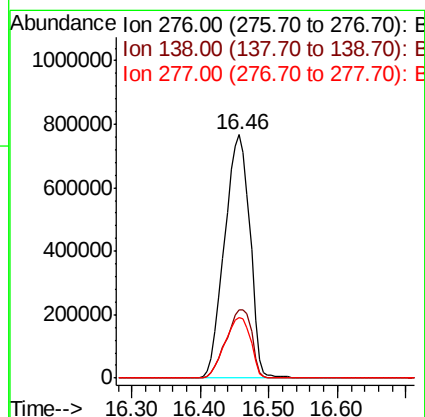
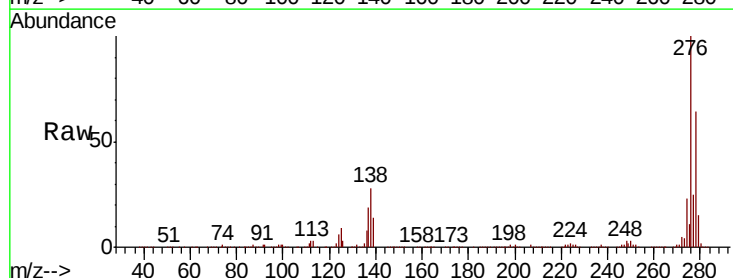
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

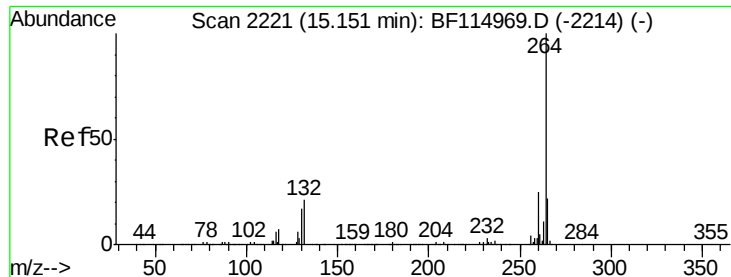
Tot Ion:149 Resp: 2504401
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.047 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:276 Resp: 1964460
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.4
277 25.5 20.6 30.8



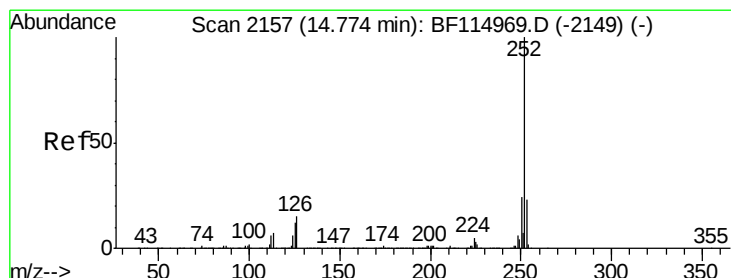
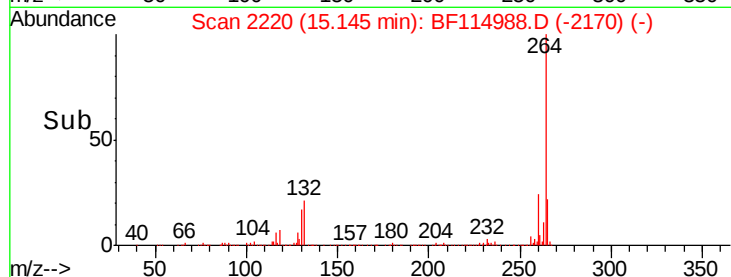
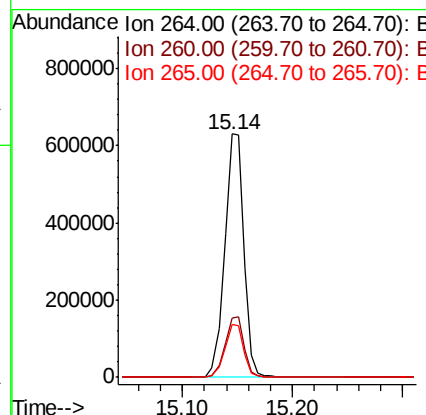
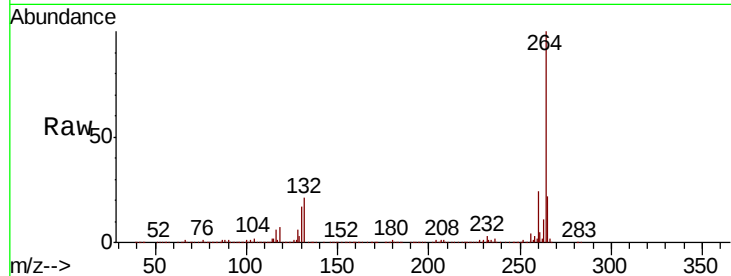


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 761605

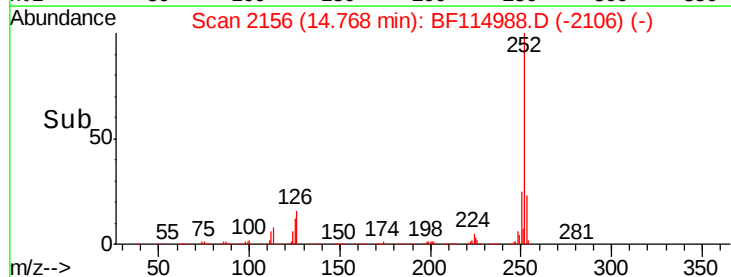
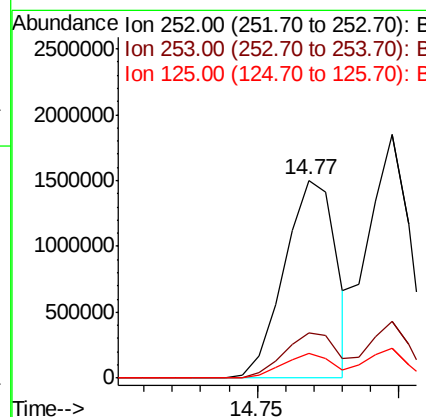
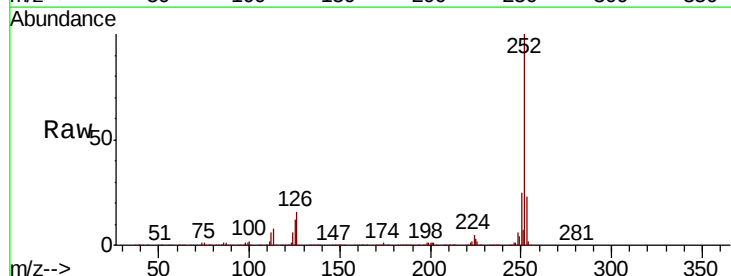
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.9	17.6	26.4

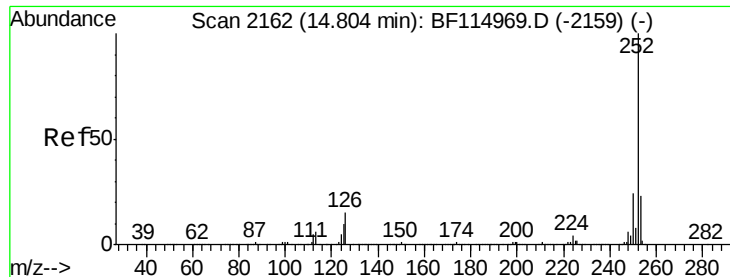


#88
Benzo(b)fluoranthene
Concen: 37.995 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:252 Resp: 1923645

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.3	9.4	14.0

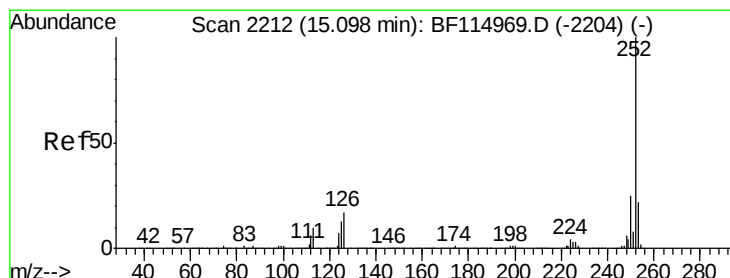
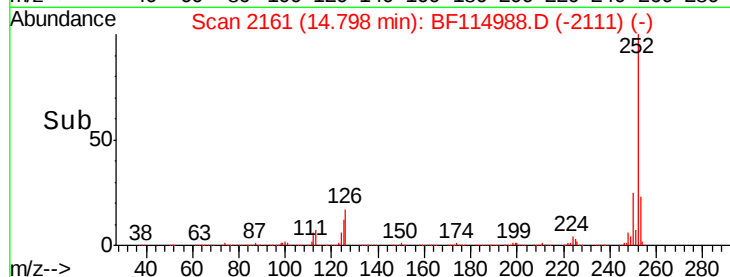
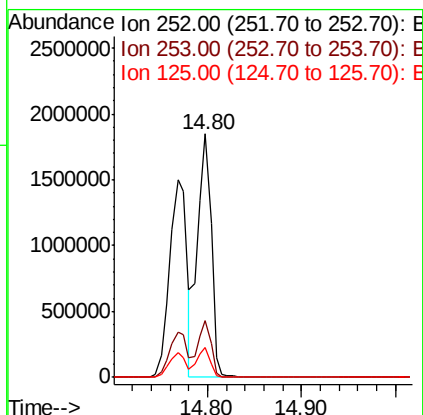
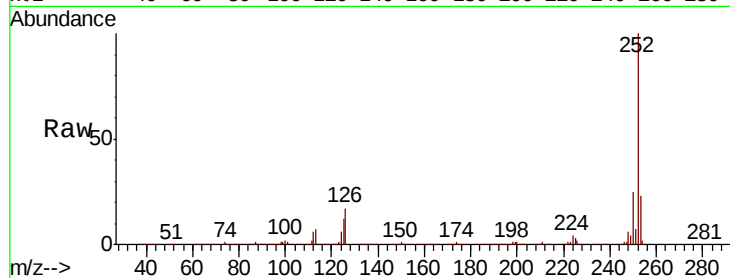




#89
Benzo(k)fluoranthene
Concen: 42.143 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

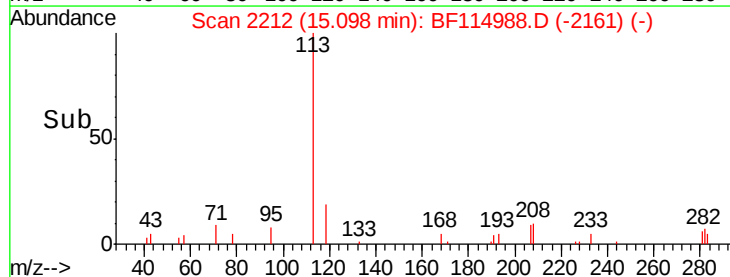
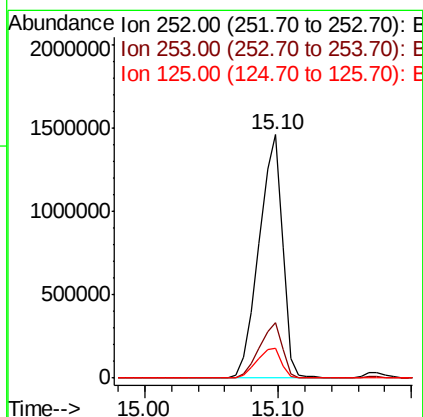
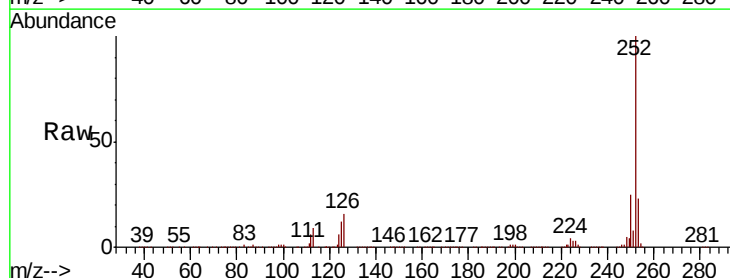
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

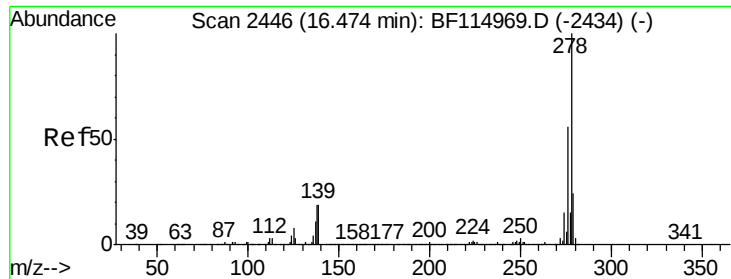
Tot Ion:252 Resp: 1872789
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.657 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114988.D
Acq: 13 Jun 2019 8:13

Tgt Ion:252 Resp: 1776203
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.5 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 41.829 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Instrument :

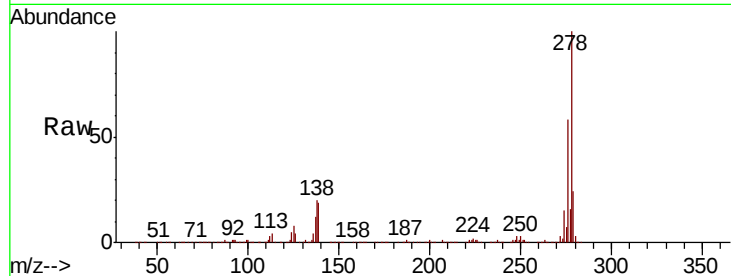
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1573756

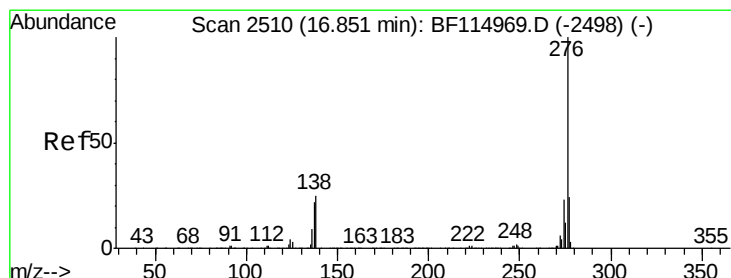
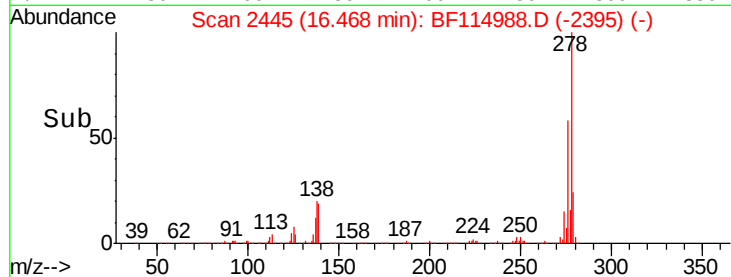
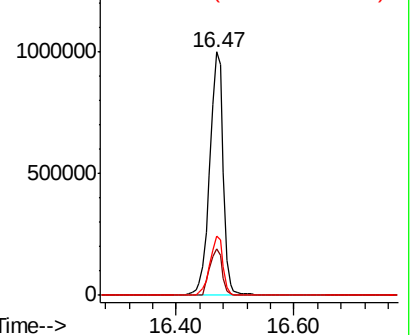
Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.3	22.9
279	24.3	19.2	28.8



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: 41.992 ng

RT: 16.84 min Scan# 2509

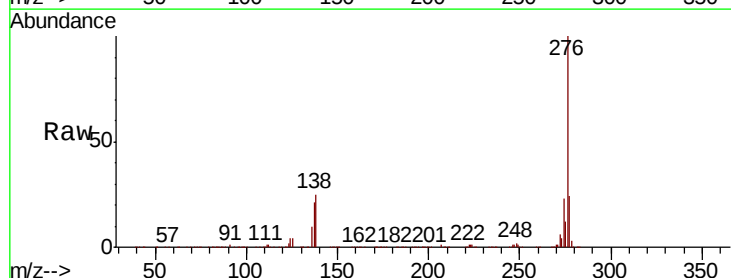
Delta R.T. -0.01 min

Lab File: BF114988.D

Acq: 13 Jun 2019 8:13

Tgt Ion:276 Resp: 1611233

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	25.4	20.2	30.4



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

