

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116944.D
 Acq On : 11 Sep 2019 2:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 11 04:04:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83169	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	340912	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	173678	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	283332	20.00	ng	0.00
76) Chrysene-d12	13.99	240	161434	20.00	ng	0.00
87) Perylene-d12	15.44	264	182235	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	440126	85.73	ng	0.00
7) Phenol-d6	6.47	99	571746	84.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	549840	92.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	119477	102.90	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	926398	89.98	ng	0.00
79) Terphenyl-d14	12.93	244	818002	93.74	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.55	88	89804	37.894 ng	94
3) Pyridine	3.30	79	244304	35.604 ng	93
4) n-Nitrosodimethylamine	3.25	42	85523	36.297 ng	84
6) Aniline	6.50	93	370548	39.687 ng	99
8) 2-Chlorophenol	6.62	128	237616	42.400 ng	96
9) Benzaldehyde	6.39	77	170265	38.338 ng	99
10) Phenol	6.49	94	309605	41.476 ng	92
11) bis(2-Chloroethyl)ether	6.57	93	229371	39.463 ng	99
12) 1,3-Dichlorobenzene	6.78	146	265278	41.882 ng	96
13) 1,4-Dichlorobenzene	6.85	146	271100	42.992 ng	98
14) 1,2-Dichlorobenzene	7.01	146	252861	43.270 ng	97
15) Benzyl Alcohol	6.97	79	227526	41.580 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	230664	33.825 ng	90
17) 2-Methylphenol	7.09	107	198682	40.499 ng	97
18) Hexachloroethane	7.35	117	101412	41.394 ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	174418	39.296 ng	91
20) 3+4-Methylphenols	7.25	107	253827	44.499 ng	# 73
22) Acetophenone	7.25	105	361288	44.019 ng	# 95
24) Nitrobenzene	7.42	77	270329	44.509 ng	100
25) Isophorone	7.66	82	474689	39.228 ng	99
26) 2-Nitrophenol	7.73	139	121729	53.909 ng	96
27) 2,4-Dimethylphenol	7.77	122	185021	40.572 ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	297983	40.296 ng	99
29) 2,4-Dichlorophenol	7.97	162	197505	45.066 ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	205403	43.211 ng	97
31) Naphthalene	8.14	128	685470	42.285 ng	99
32) Benzoic acid	7.87	122	81427	31.623 ng	99
33) 4-Chloroaniline	8.19	127	309882	41.995 ng	98
34) Hexachlorobutadiene	8.26	225	117298	45.257 ng	98
35) Caprolactam	8.56	113	65066	39.671 ng	87
36) 4-Chloro-3-methylphenol	8.67	107	226129	44.893 ng	98
37) 2-Methylnaphthalene	8.83	142	464595	43.075 ng	98
38) 1-Methylnaphthalene	8.93	142	436935	42.913 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	187255	44.977 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	36590	15.219	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	131903	46.217	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	135463	45.719	ng	93
46) 1,1'-Biphenyl	9.29	154	567766	43.082	ng	98
47) 2-Chloronaphthalene	9.32	162	451024	43.209	ng	98
48) 2-Nitroaniline	9.41	65	151024	50.046	ng	93
49) Acenaphthylene	9.73	152	678093	42.975	ng	99
50) Dimethylphthalate	9.59	163	518573	43.248	ng	98
51) 2,6-Dinitrotoluene	9.65	165	108004	47.210	ng	99
52) Acenaphthene	9.90	154	412336	42.531	ng	99
53) 3-Nitroaniline	9.82	138	137830	48.075	ng	90
54) 2,4-Dinitrophenol	9.93	184	16912	27.520	ng	93
55) Dibenzofuran	10.07	168	597990	43.754	ng	97
56) 4-Nitrophenol	9.99	139	81513	41.465	ng	86
57) 2,4-Dinitrotoluene	10.06	165	146111	52.232	ng	97
58) Fluorene	10.42	166	481379	46.225	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	100785	47.131	ng	96
60) Diethylphthalate	10.29	149	519681	43.267	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	211973	46.483	ng	99
62) 4-Nitroaniline	10.43	138	140606	50.536	ng	96
63) Azobenzene	10.57	77	528184	42.173	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	30620	32.240	ng	94
66) n-Nitrosodiphenylamine	10.53	169	417789	42.625	ng	97
67) 4-Bromophenyl-phenylether	10.90	248	123344	42.853	ng	93
68) Hexachlorobenzene	10.97	284	129406	42.972	ng	98
69) Atrazine	11.05	200	113898	41.491	ng	98
70) Pentachlorophenol	11.16	266	53811	36.939	ng	100
71) Phenanthrene	11.38	178	672060	42.611	ng	99
72) Anthracene	11.43	178	681877	42.948	ng	100
73) Carbazole	11.58	167	628072	41.529	ng	99
74) Di-n-butylphthalate	11.91	149	819534	42.270	ng	100
75) Fluoranthene	12.56	202	621085	40.070	ng	99
77) Benzidine	12.68	184	246219	38.886	ng	100
78) Pyrene	12.79	202	615182	42.869	ng	99
80) Butylbenzylphthalate	13.40	149	311058	44.573	ng	93
81) Benzo(a)anthracene	13.97	228	447079	43.758	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	146547	42.443	ng	99
83) Chrysene	14.02	228	429100	40.765	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	417102	48.419	ng	99
85) Di-n-octyl phthalate	14.57	149	631653	44.806	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	431591	51.047	ng	97
88) Benzo(b)fluoranthene	15.02	252	456738	41.455	ng	98
89) Benzo(k)fluoranthene	15.04	252	387287	38.553	ng	99
90) Benzo(a)pyrene	15.38	252	405608	42.315	ng	97
91) Dibenzo(a,h)anthracene	16.90	278	359918	42.897	ng	98
92) Benzo(g,h,i)perylene	17.32	276	318978	37.277	ng	97

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

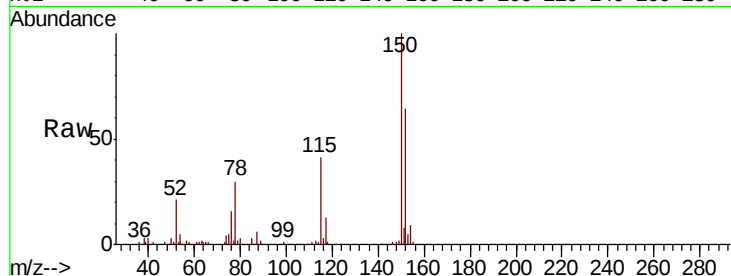


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.4	186.6
115	64.3	49.9	74.9

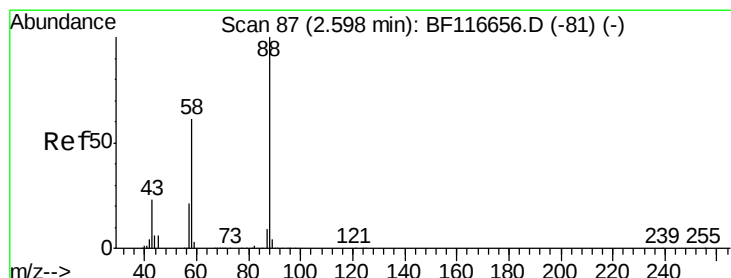
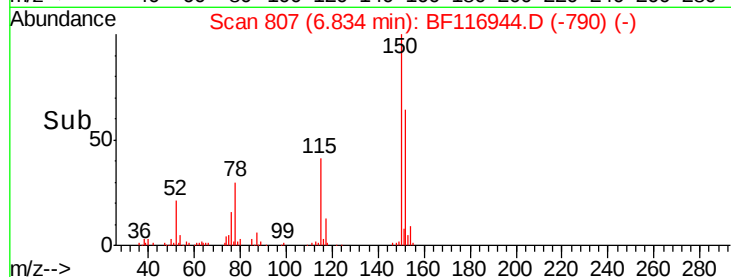
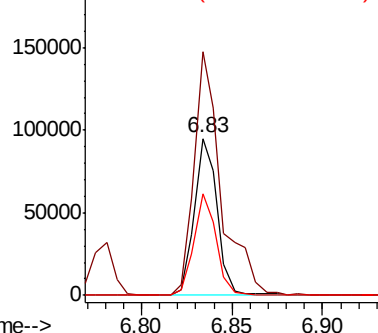


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

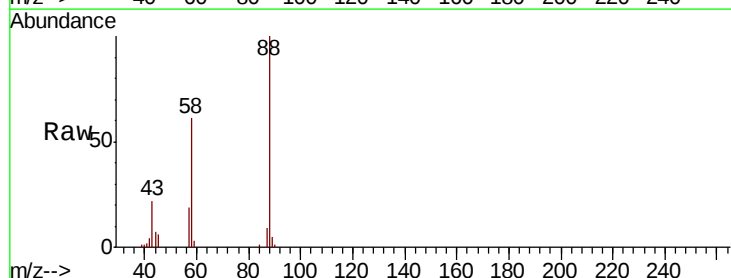
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.894 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.03 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	51.7	77.5
43	22.7	19.8	29.8

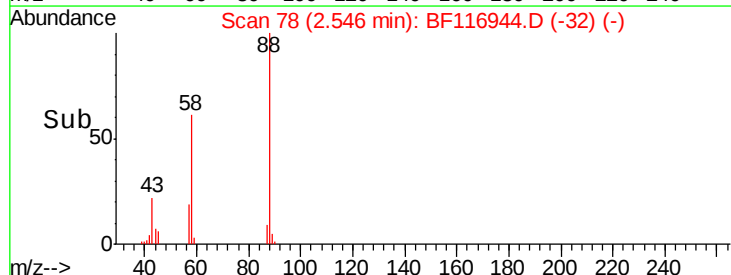
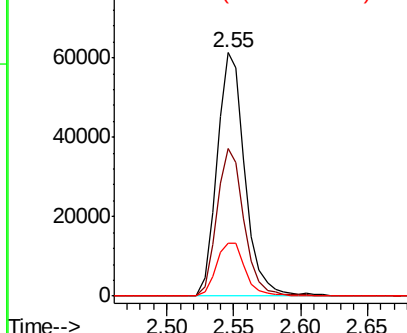


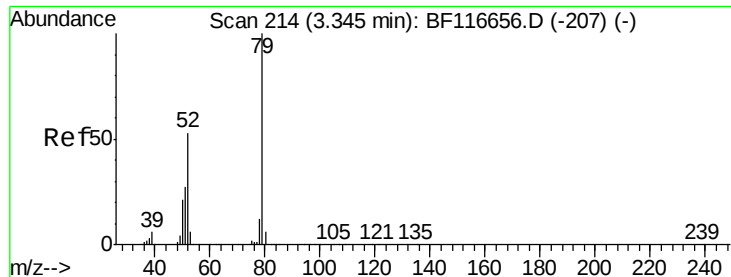
Abundance

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: 35.604 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

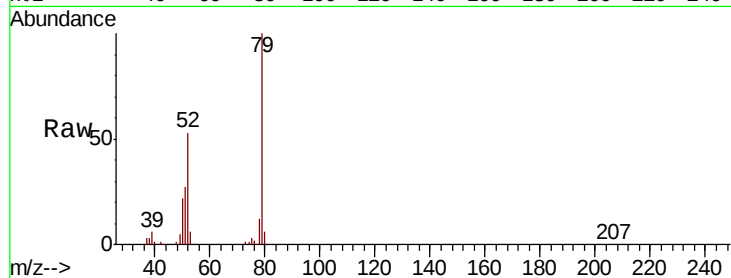
Tot Ion: 79 Resp: 244304

Ion Ratio Lower Upper

79 100

52 53.4 47.4 71.0

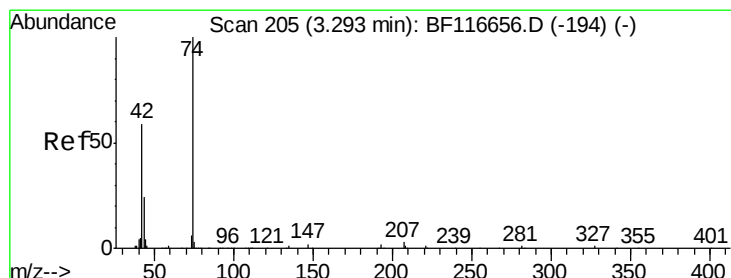
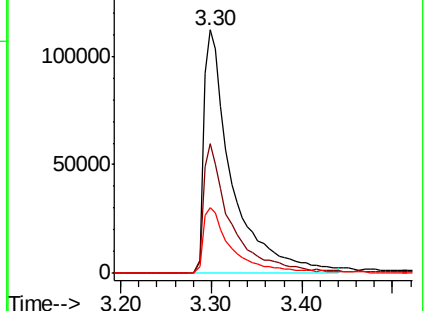
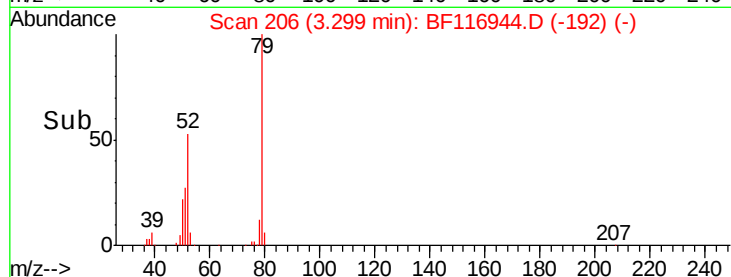
51 27.1 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.297 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.02 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

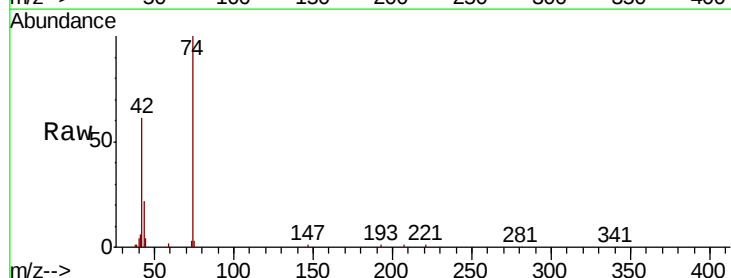
Tgt Ion: 42 Resp: 85523

Ion Ratio Lower Upper

42 100

74 164.8 115.6 173.4

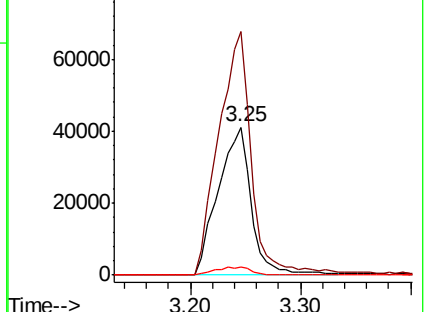
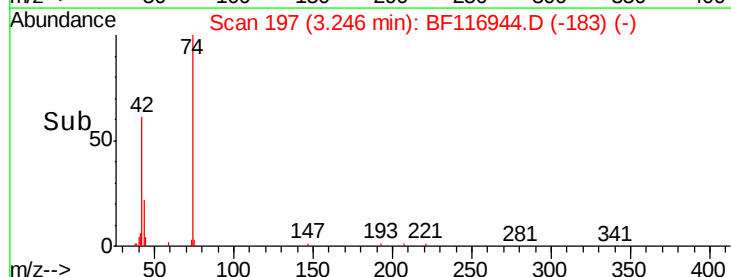
44 5.9 4.6 7.0

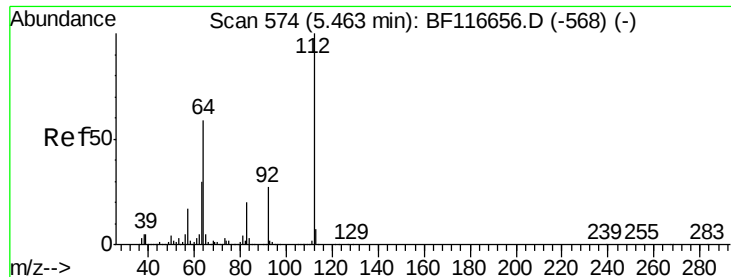


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.733 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

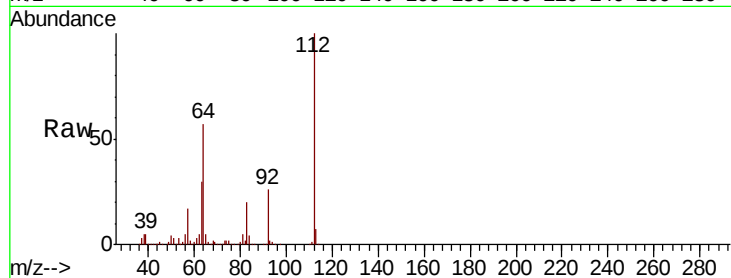
Tot Ion:112 Resp: 440126

Ion Ratio Lower Upper

112 100

64 57.4 47.1 70.7

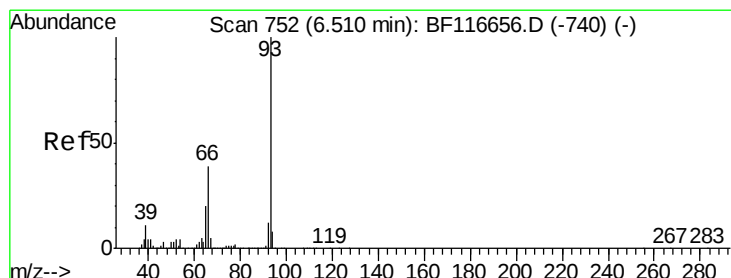
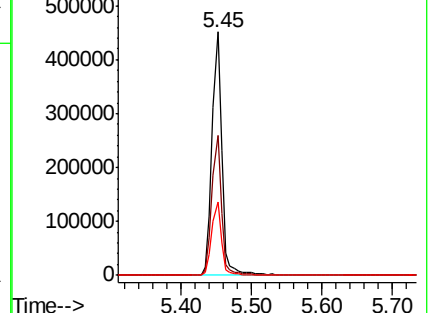
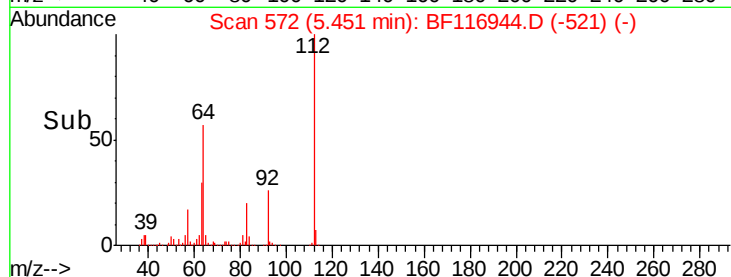
63 30.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.687 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

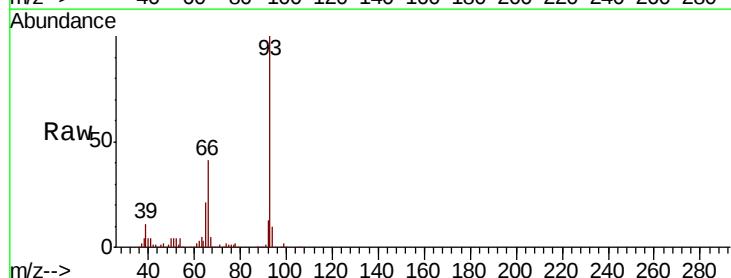
Tgt Ion: 93 Resp: 370548

Ion Ratio Lower Upper

93 100

66 41.1 32.7 49.1

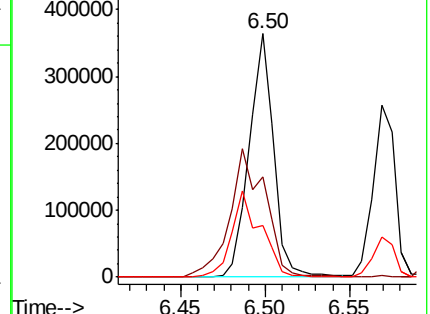
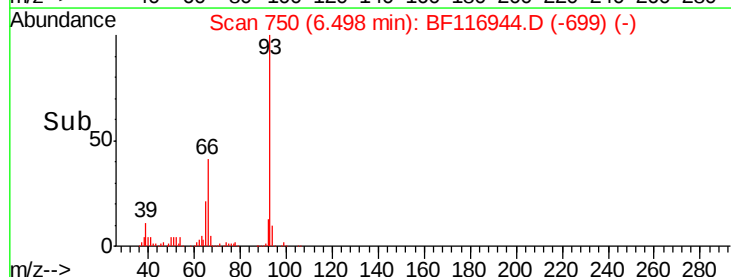
65 21.0 16.3 24.5

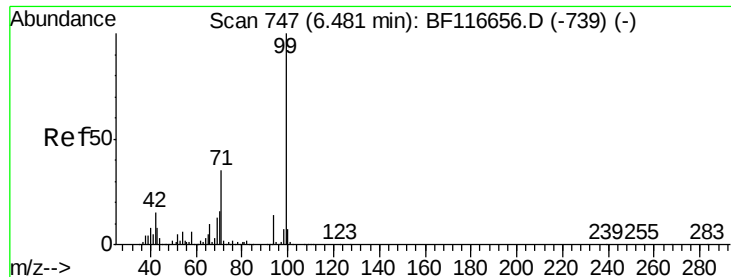


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.815 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

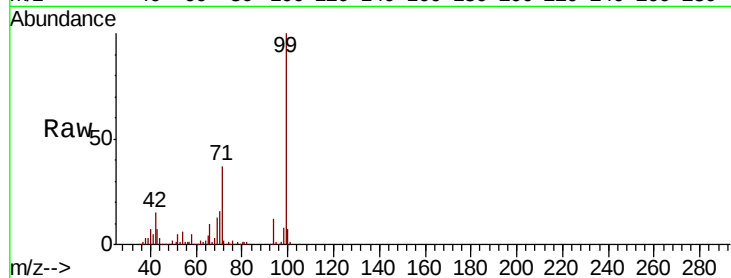
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 571746

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.7	20.5
71	37.2	30.8	46.2

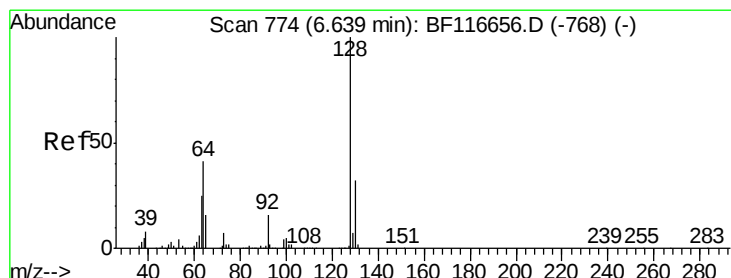
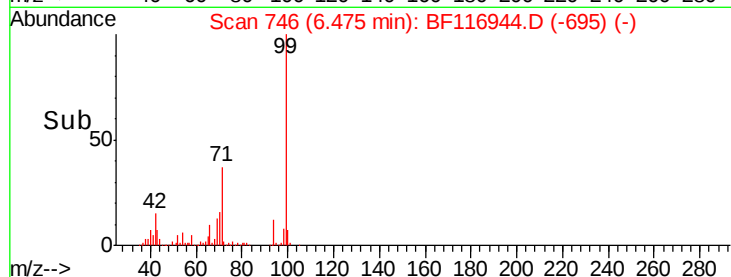
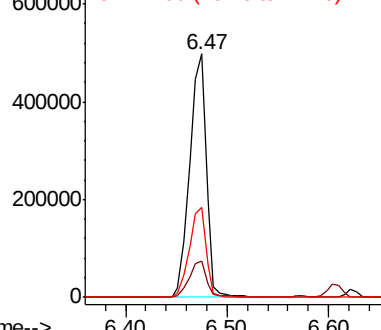


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.400 ng

RT: 6.62 min Scan# 771

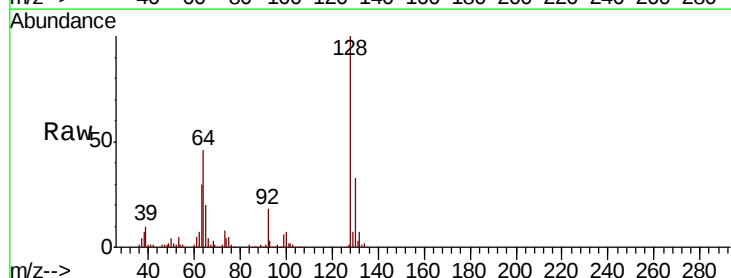
Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Tgt Ion: 128 Resp: 237616

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	46.3	22.5	62.5

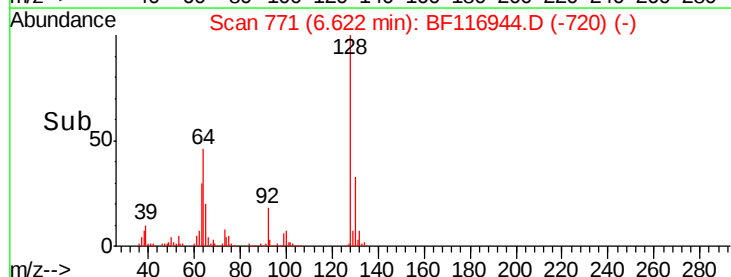
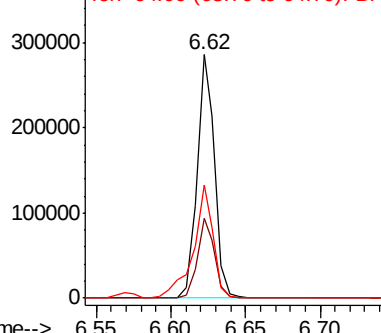


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.338 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

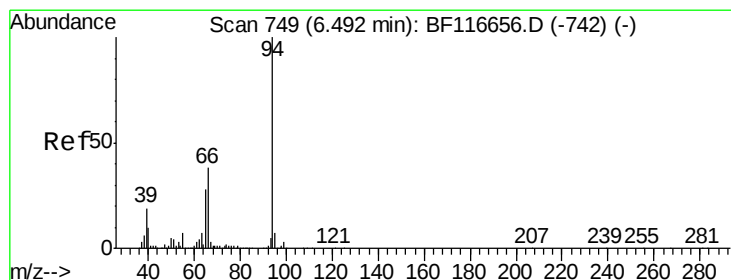
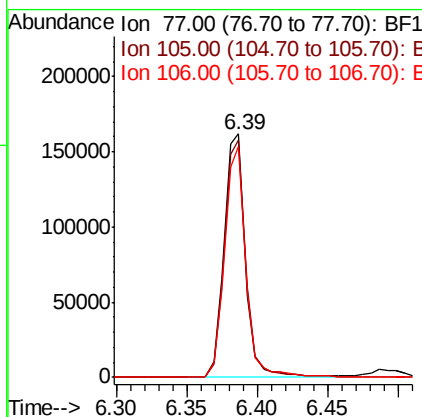
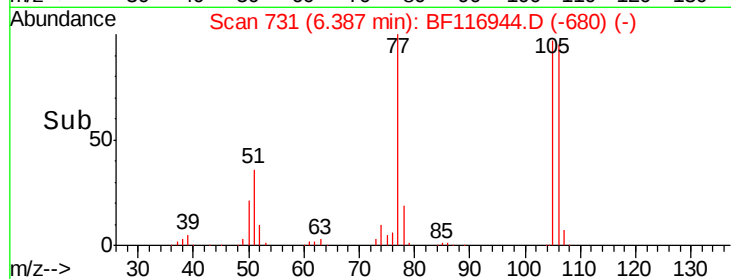
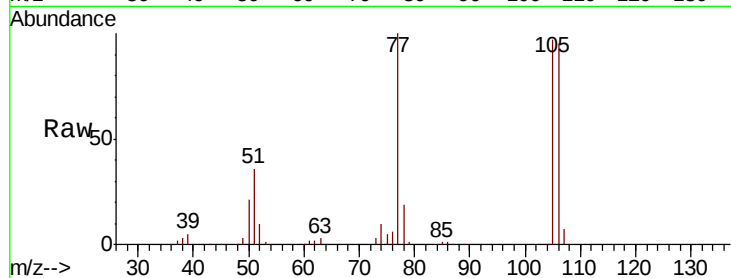
Tot Ion: 77 Resp: 170265

Ion Ratio Lower Upper

77 100

105 97.2 76.7 116.7

106 94.5 73.1 113.1



#10

Phenol

Concen: 41.476 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

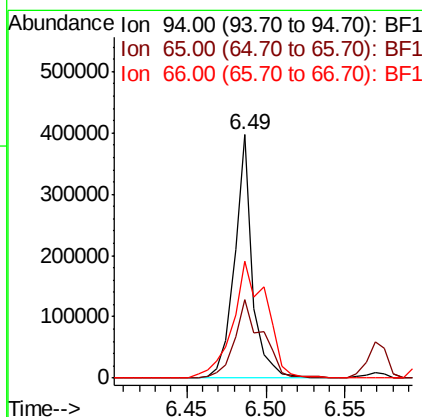
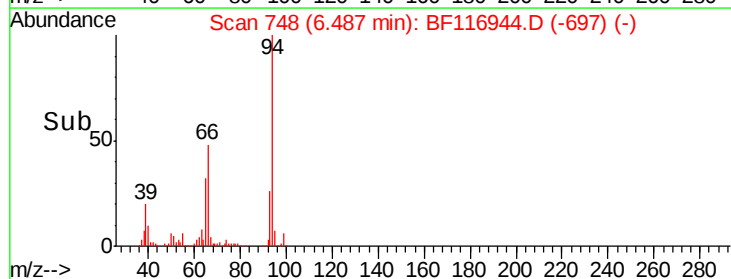
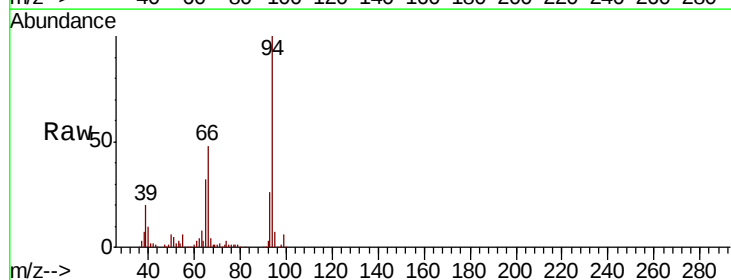
Tgt Ion: 94 Resp: 309605

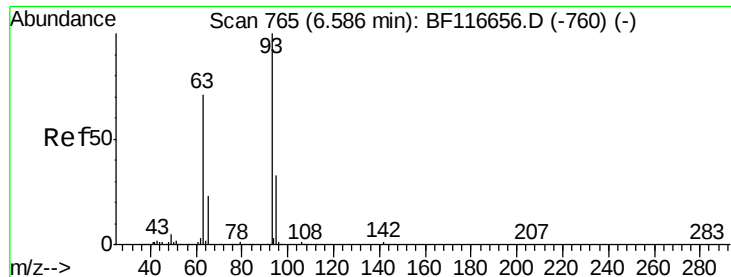
Ion Ratio Lower Upper

94 100

65 32.4 10.8 50.8

66 48.2 21.1 61.1

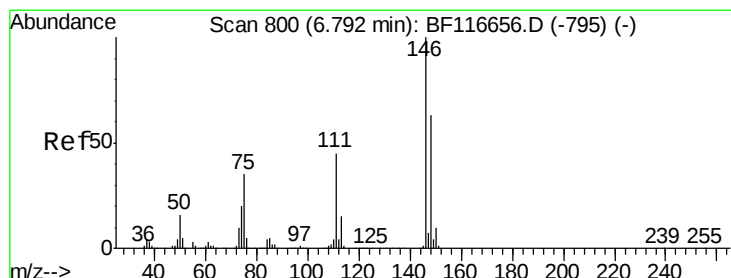
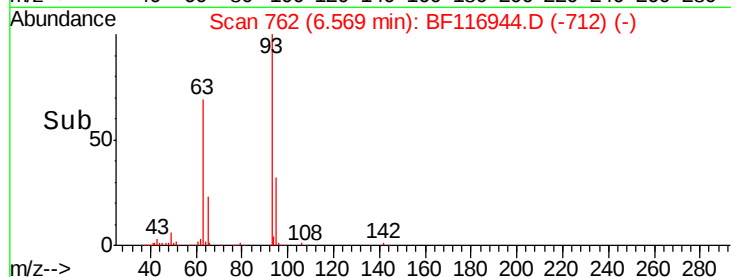
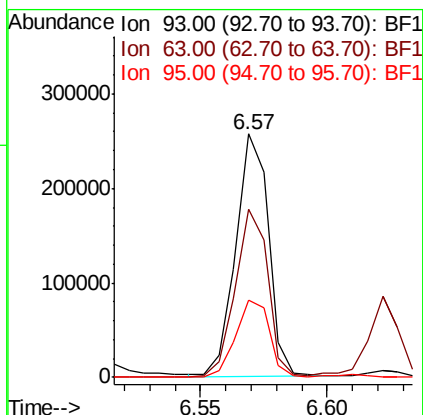
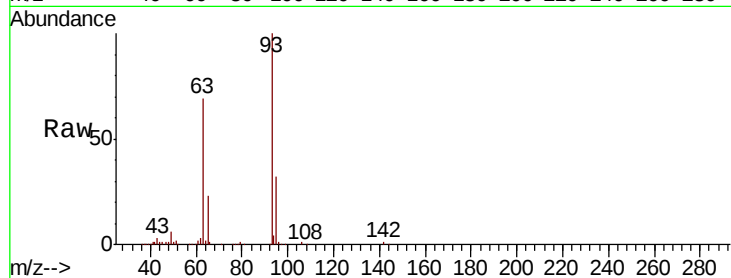




#11
bis(2-Chloroethyl)ether
Concen: 39.463 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

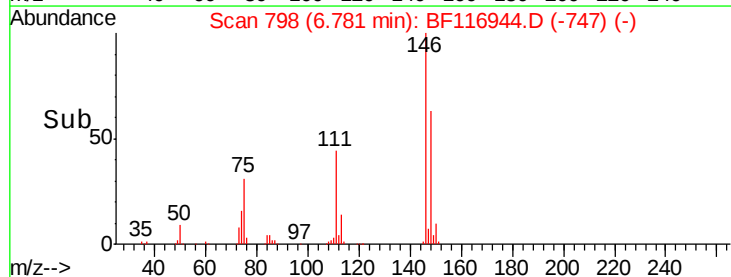
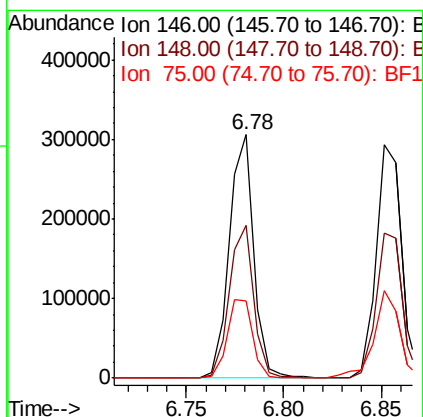
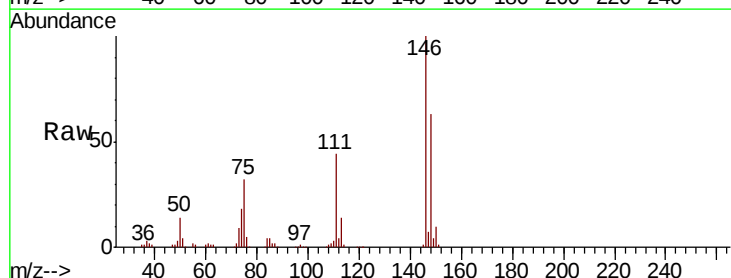
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	229371
Ion	Ratio	Lower	Upper
93	100		
63	69.2	49.9	89.9
95	31.7	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.882 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:	146	Resp:	265278
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	31.8	29.6	44.4

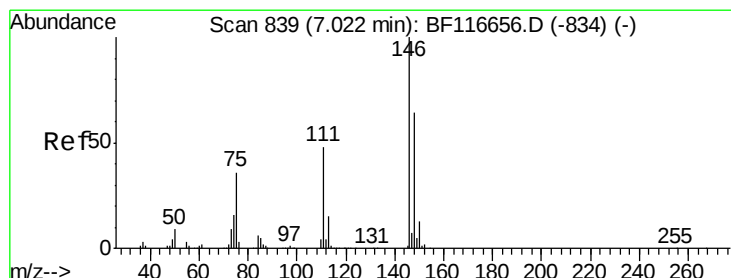
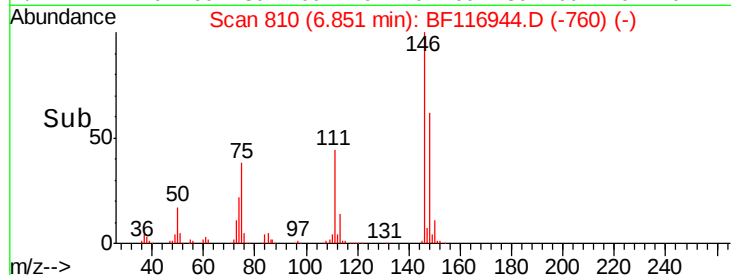
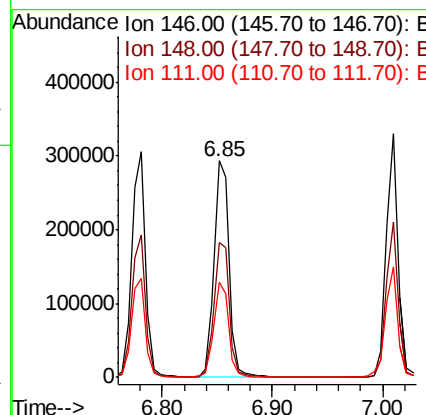
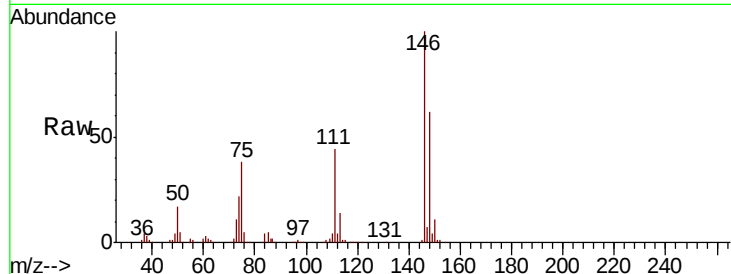




#13
 1,4-Dichlorobenzene
 Concen: 42.992 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

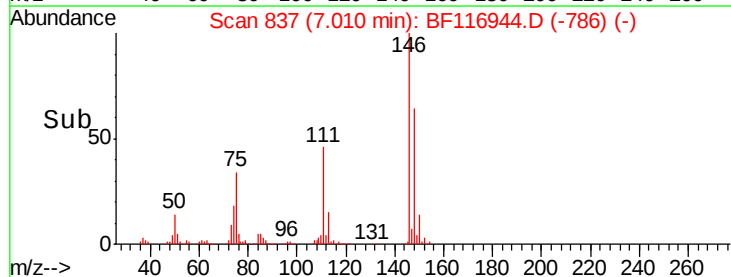
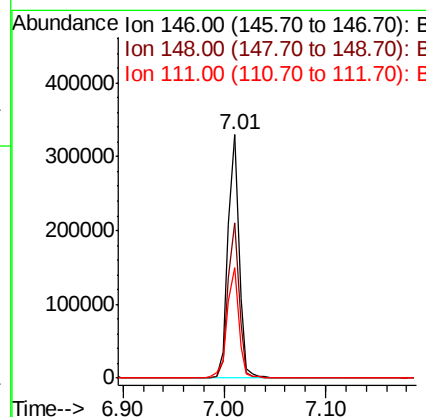
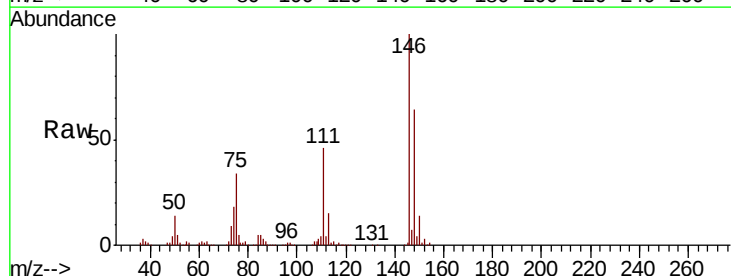
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

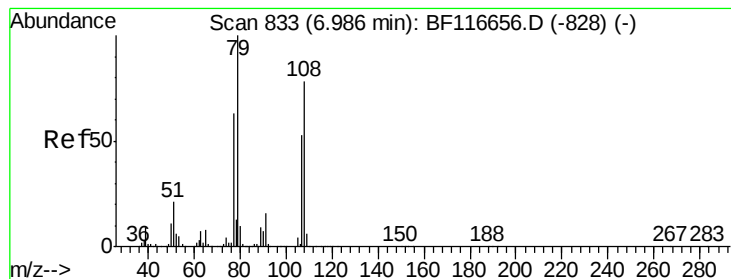
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.4	77.2
111	44.0	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 43.270 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
111	45.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 41.580 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

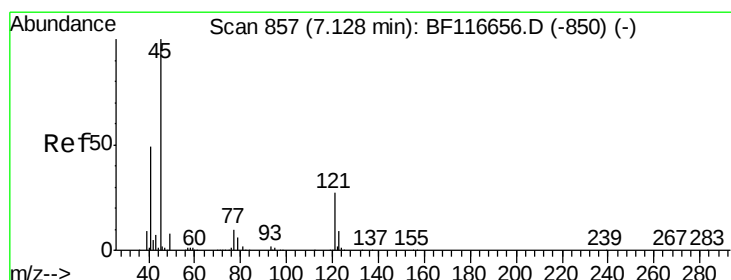
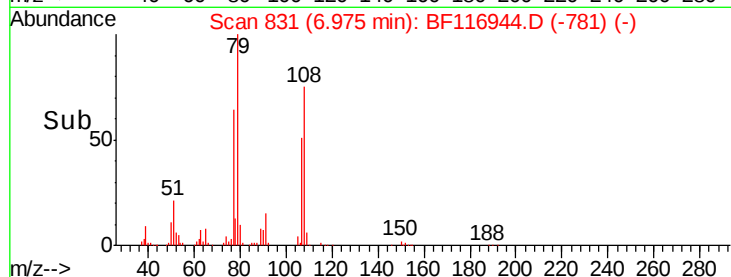
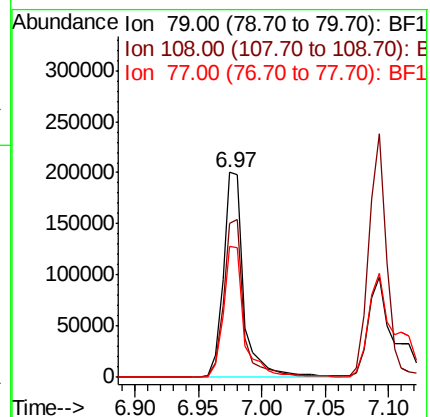
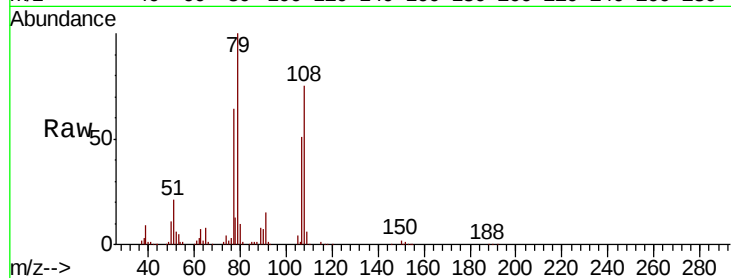
Tot Ion: 79 Resp: 227526

Ion Ratio Lower Upper

79 100

108 75.2 59.2 88.8

77 63.9 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.825 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

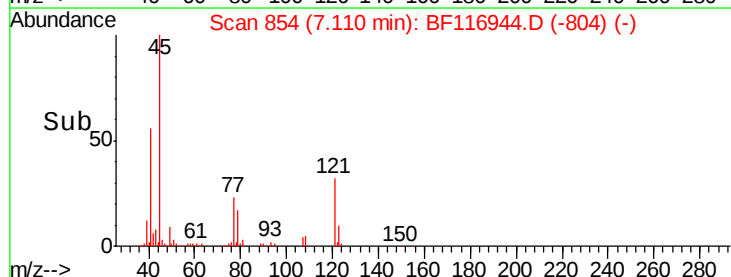
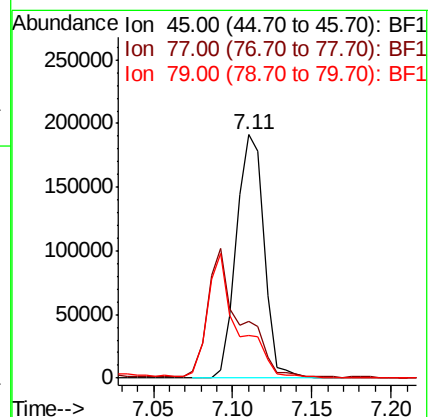
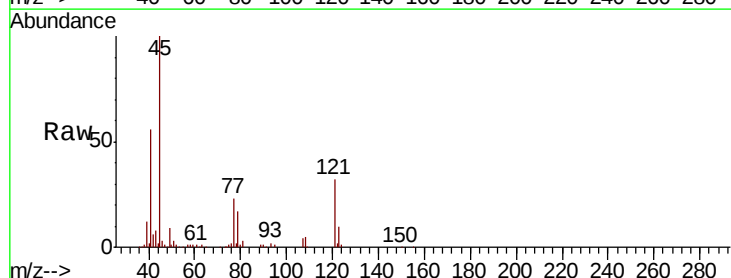
Tgt Ion: 45 Resp: 230664

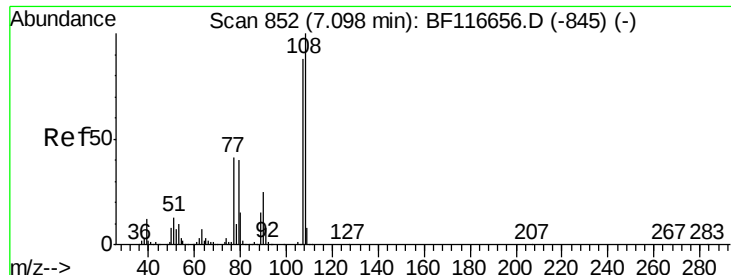
Ion Ratio Lower Upper

45 100

77 23.1 0.0 38.2

79 17.4 0.0 33.9

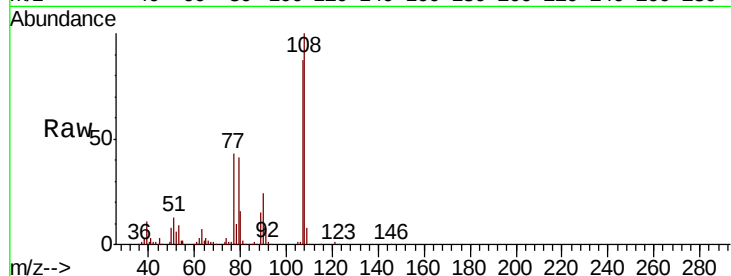




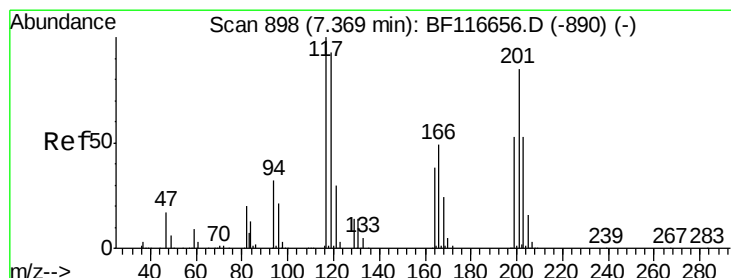
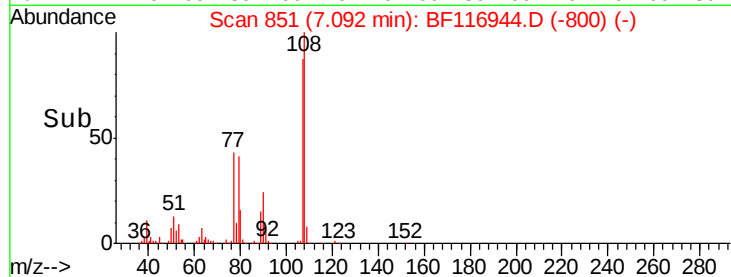
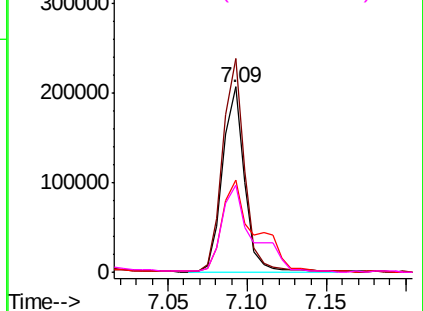
#17
2-Methylphenol
Concen: 40.499 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	198682
Ion	Ratio	Lower	Upper
107	100		
108	115.4	88.3	132.5
77	49.6	39.9	59.9
79	47.3	39.8	59.8

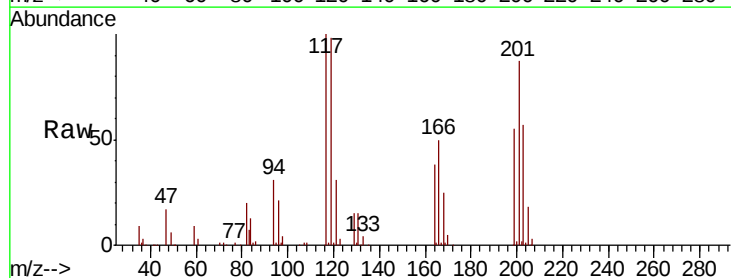


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

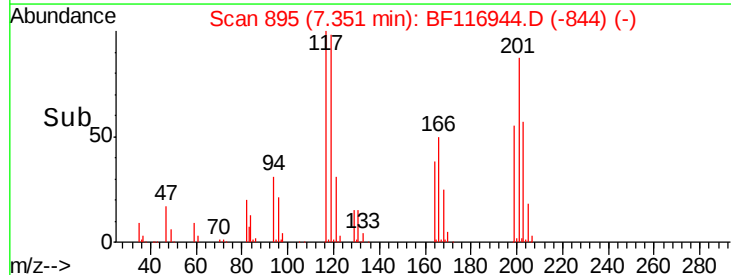
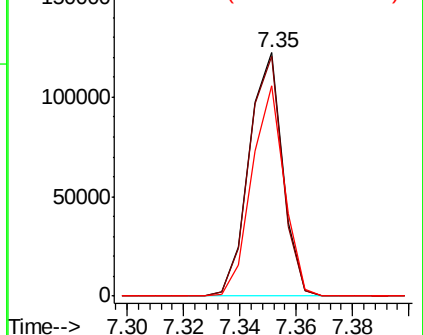


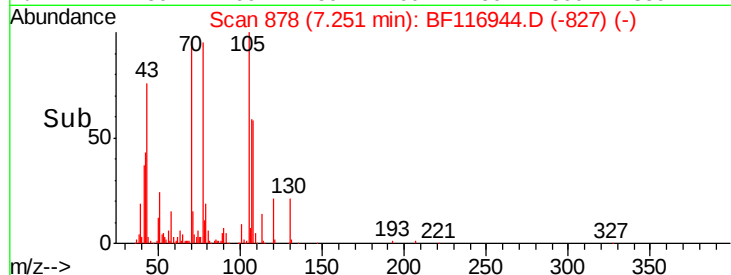
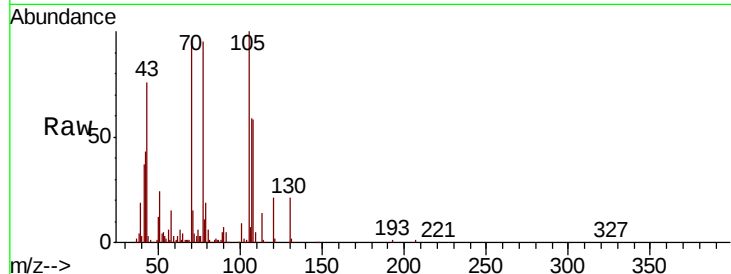
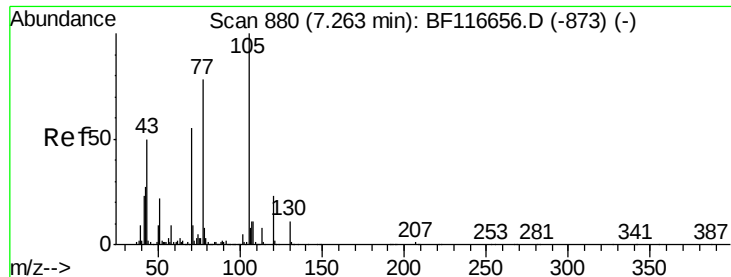
#18
Hexachloroethane
Concen: 41.394 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:	117	Resp:	101412
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.9	115.3
201	86.6	79.4	119.0



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

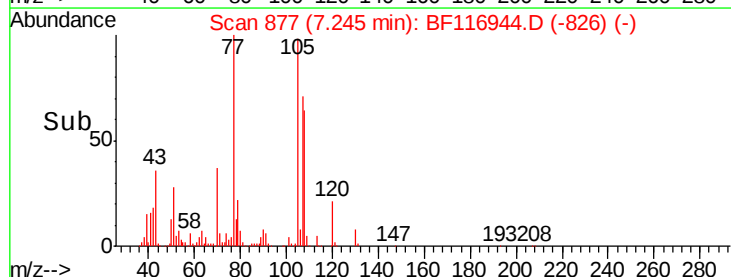
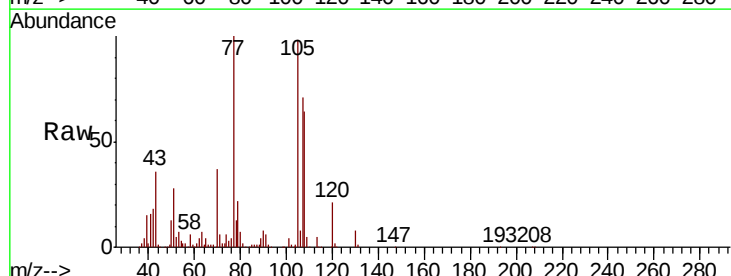
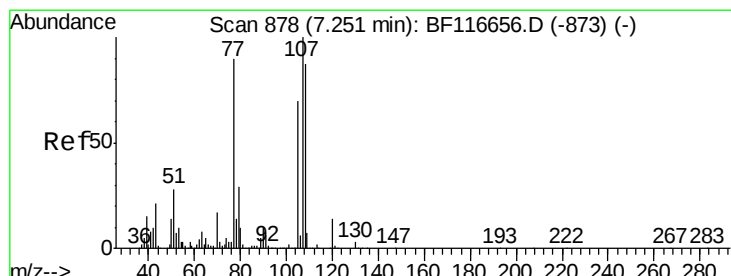
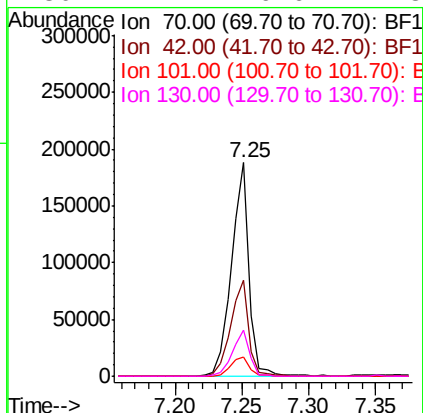




#19
n-Nitroso-di-n-propylamine
Concen: 39.296 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

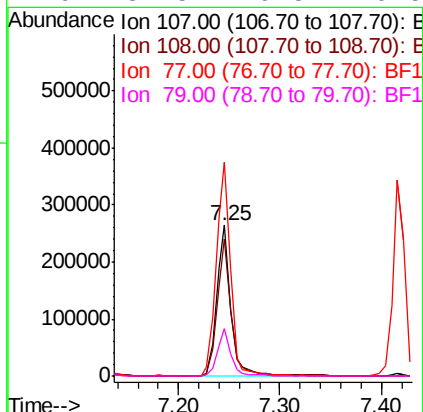
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	174418
Ion	Ratio	Lower	Upper
70	100		
42	44.7	43.5	65.3
101	9.0	7.8	11.6
130	21.7	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.499 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:	107	Resp:	253827
Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.5	105.5
77	141.7	69.4	109.4#
79	31.5	9.5	49.5

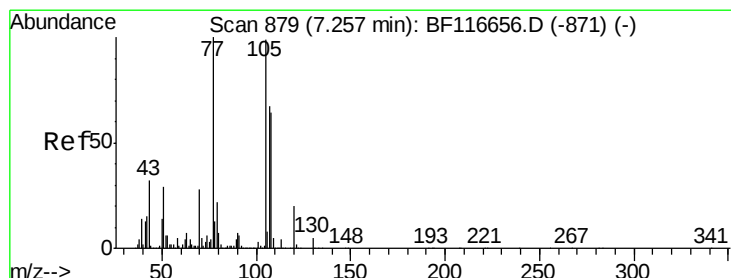
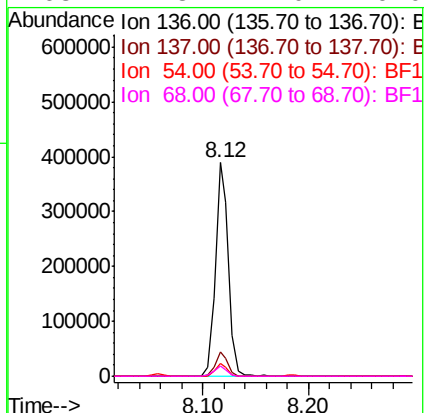
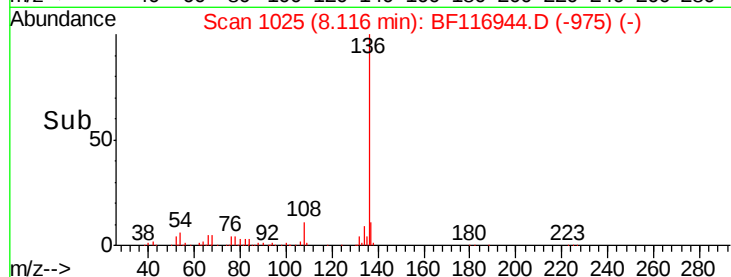
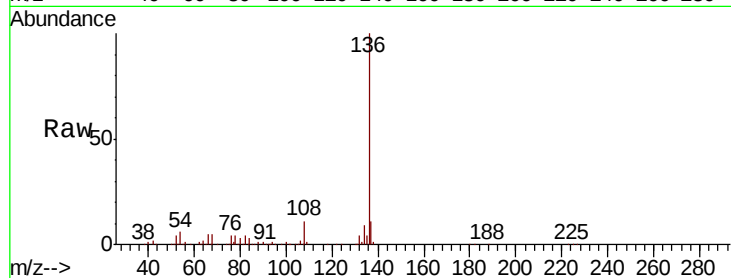




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

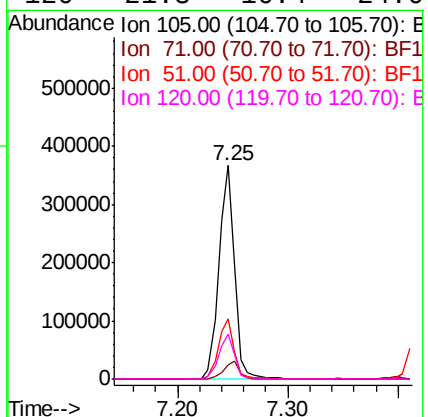
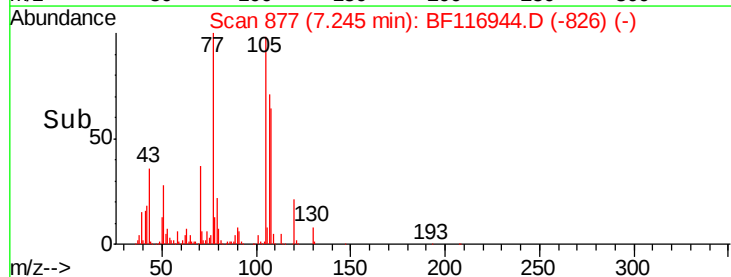
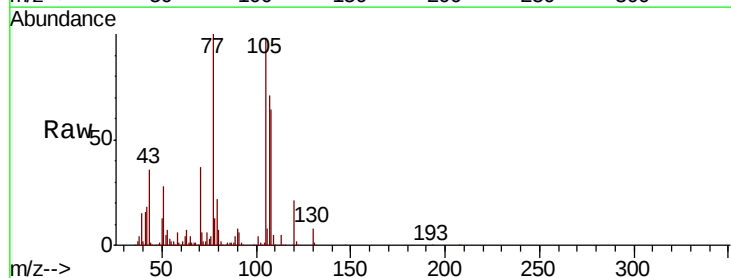
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	340912
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 5.8	4.8	7.2
68 4.8	4.0	6.0



#22
Acetophenone
Concen: 44.019 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt	Ion:105	Resp:	361288
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.2	6.4#
51	28.2	25.8	38.8
120	21.3	16.4	24.6

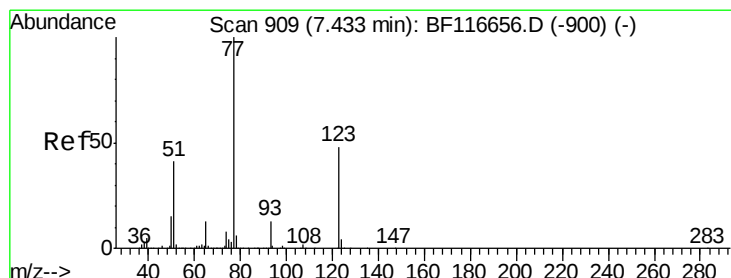
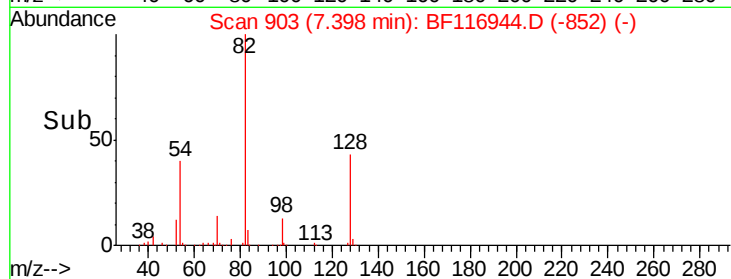
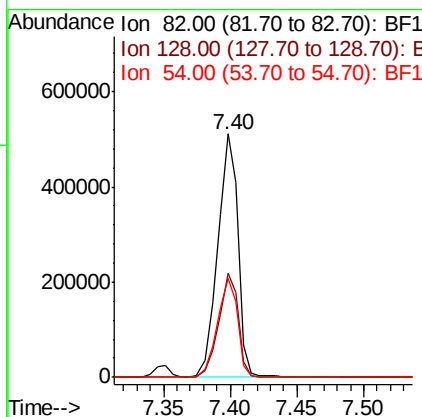
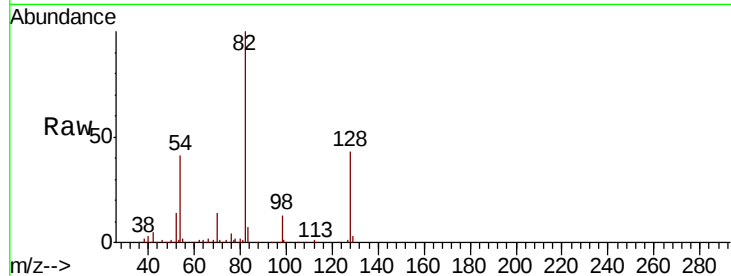




#23
 Nitrobenzene-d5
 Concen: 92.073 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

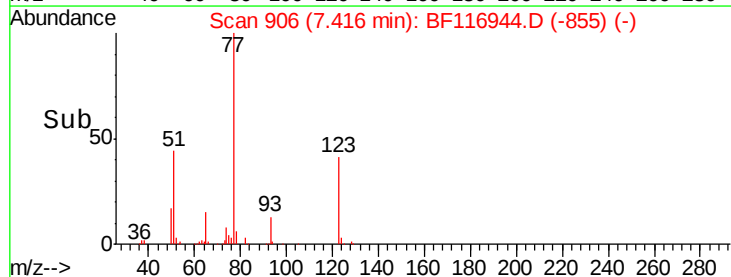
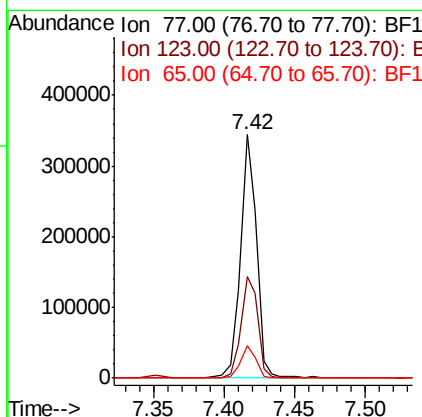
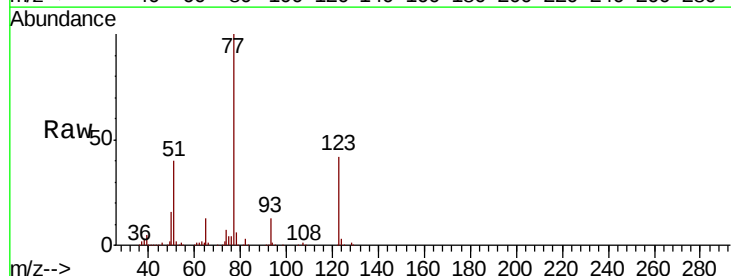
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	549840
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.8	49.2
54	40.9	36.9	55.3



#24
 Nitrobenzene
 Concen: 44.509 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion	77	Resp	270329
Ion Ratio	Lower	Upper	
77	100		
123	41.7	33.1	49.7
65	13.4	10.6	15.8





#25

Isophorone

Concen: 39.228 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

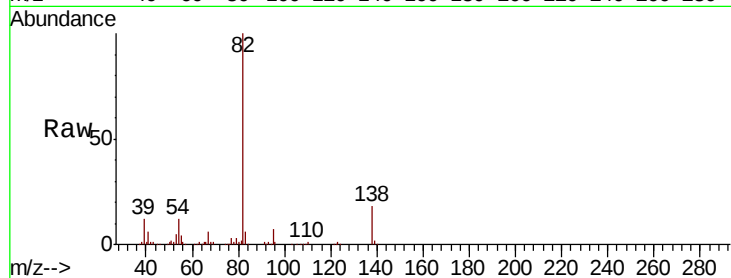
Tot Ion: 82 Resp: 474689

Ion Ratio Lower Upper

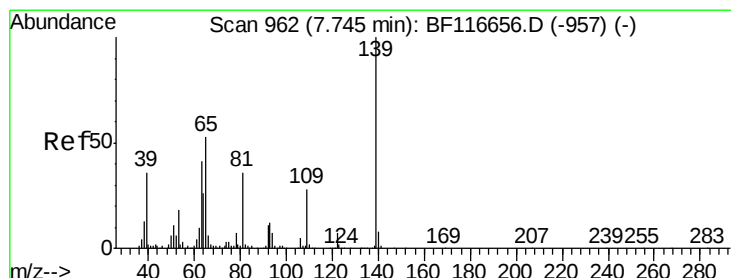
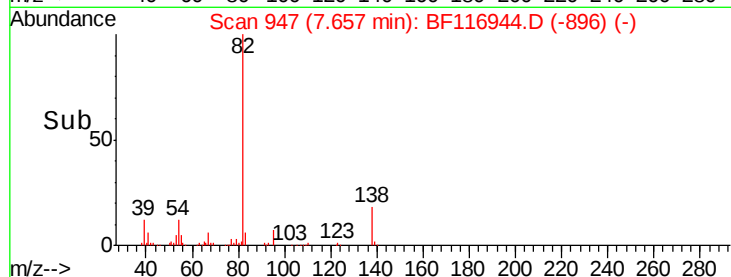
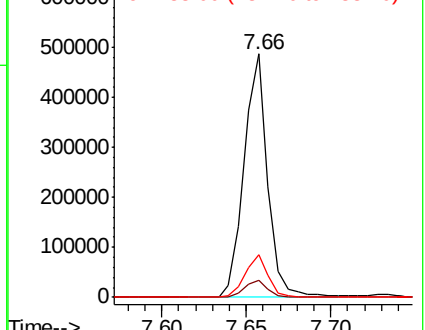
82 100

95 7.2 5.8 8.6

138 17.7 13.5 20.3



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



#26

2-Nitrophenol

Concen: 53.909 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

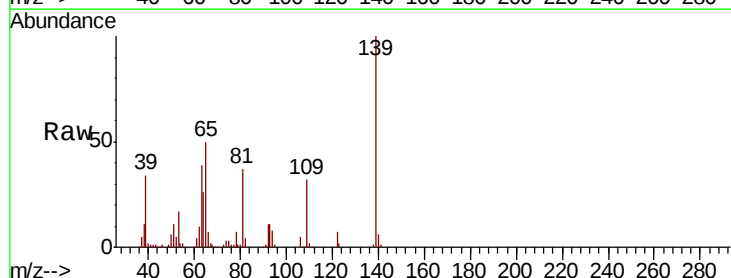
Tgt Ion: 139 Resp: 121729

Ion Ratio Lower Upper

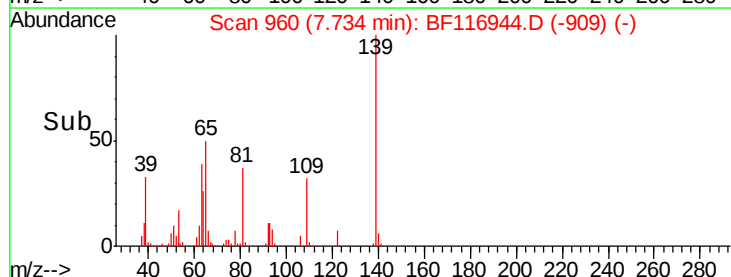
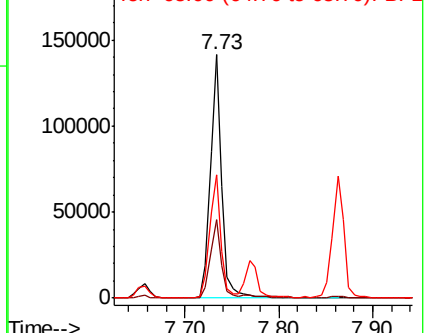
139 100

109 32.2 27.1 40.7

65 50.4 43.0 64.6



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

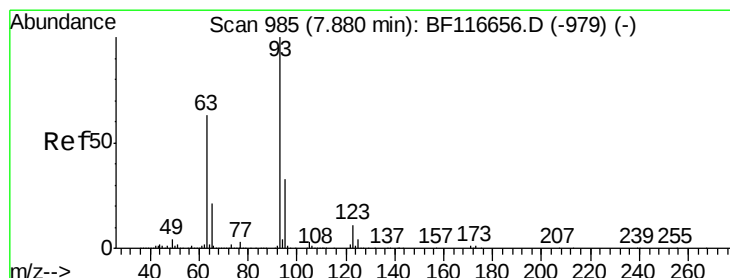
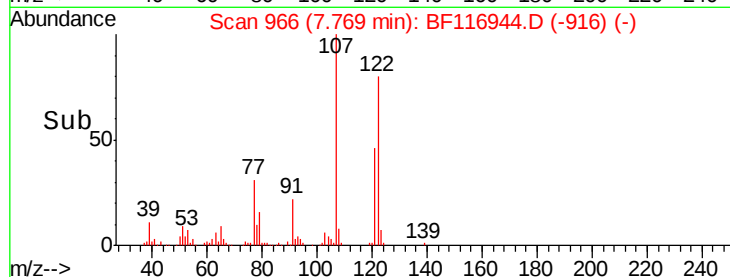
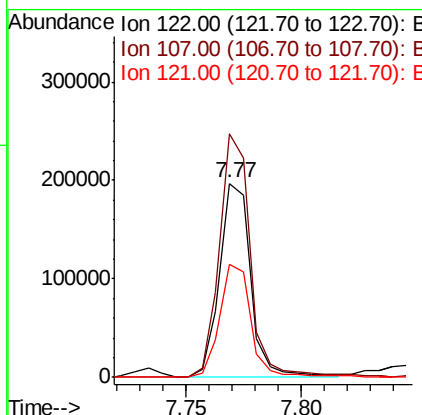
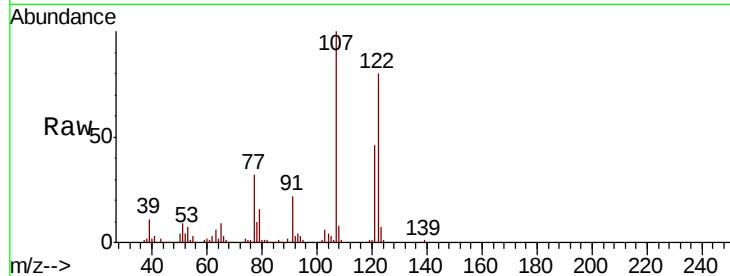




#27
 2,4-Dimethylphenol
 Concen: 40.572 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

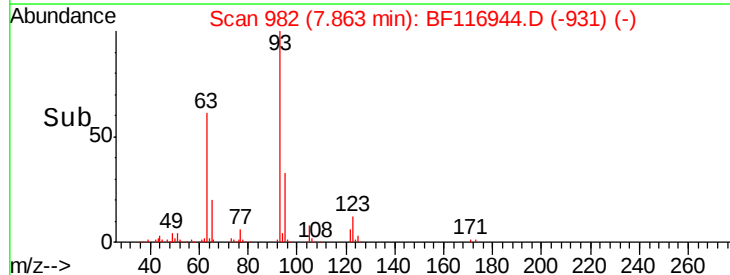
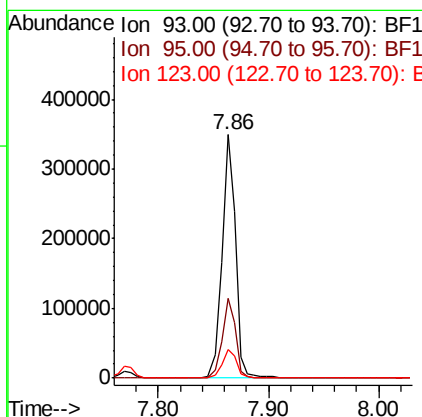
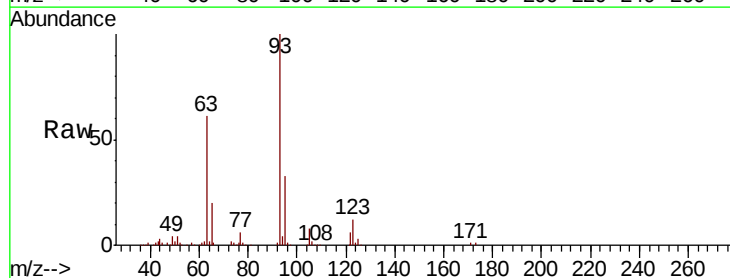
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

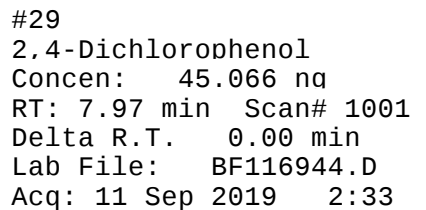
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	98.1	147.1
121	58.2	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.296 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

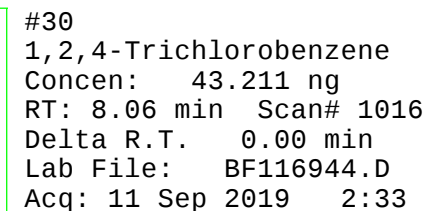
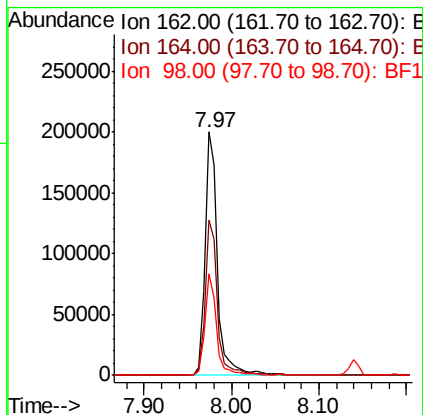
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.6	9.8	14.8



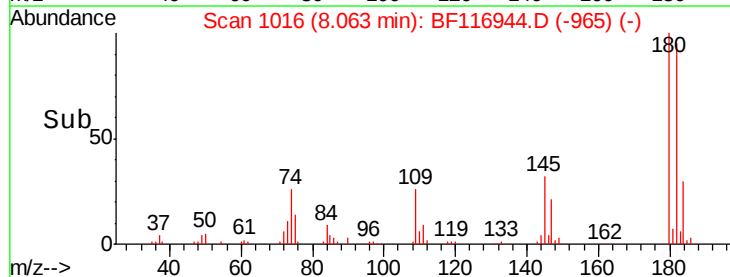
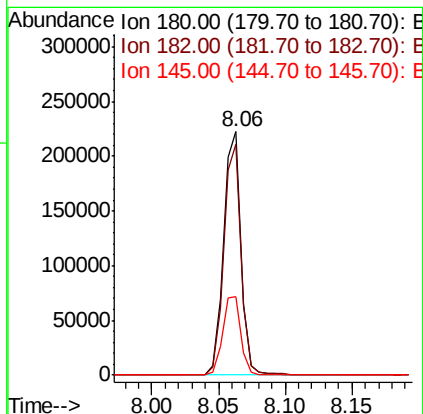


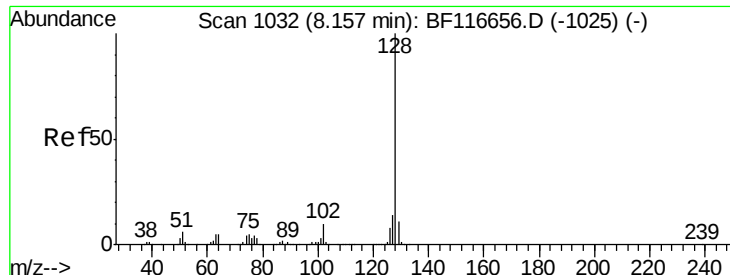
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot	Ion:162	Resp:	197505
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.4	83.4
98	41.8	18.1	58.1



Tgt	Ion:180	Resp:	205403
Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.6	118.0
145	32.3	25.7	38.5

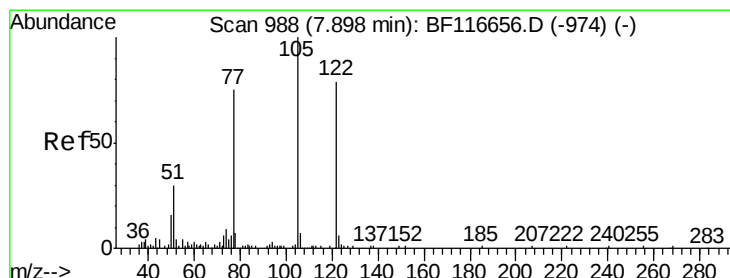
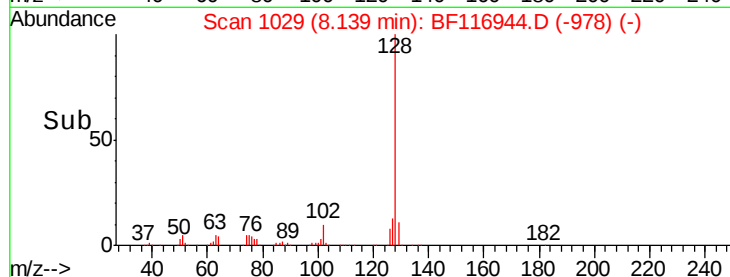
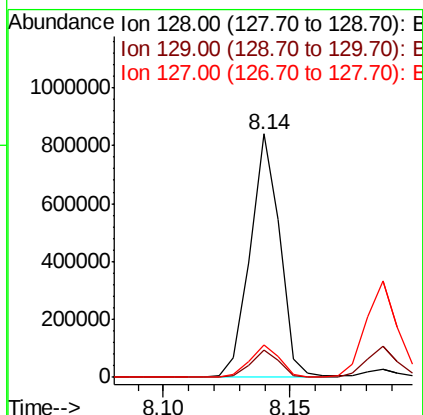
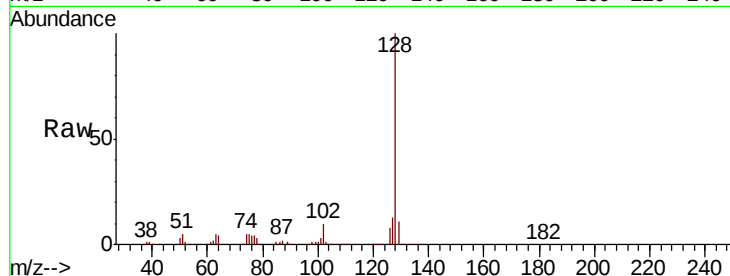




#31
Naphthalene
Concen: 42.285 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

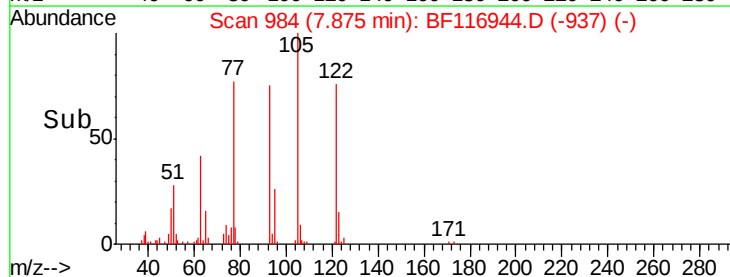
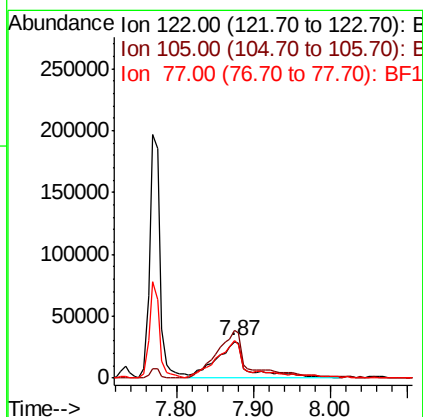
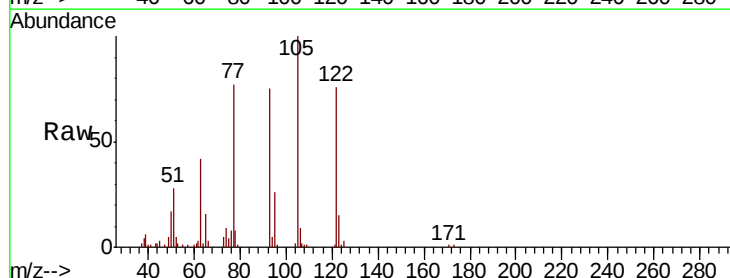
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

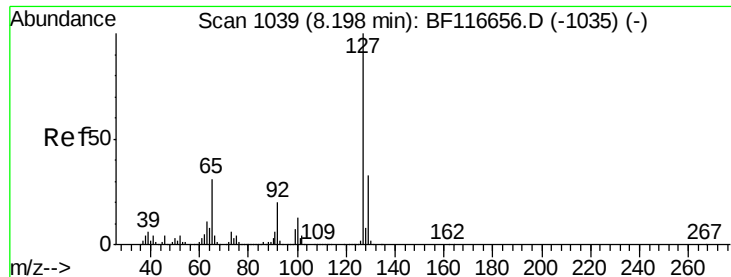
Tot Ion:128 Resp: 685470
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 31.623 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:122 Resp: 81427
Ion Ratio Lower Upper
122 100
105 131.3 110.0 150.0
77 100.8 81.7 121.7

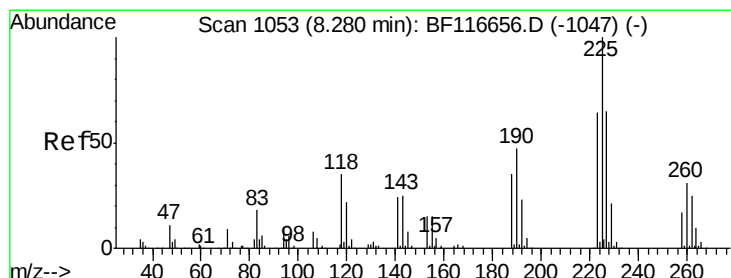
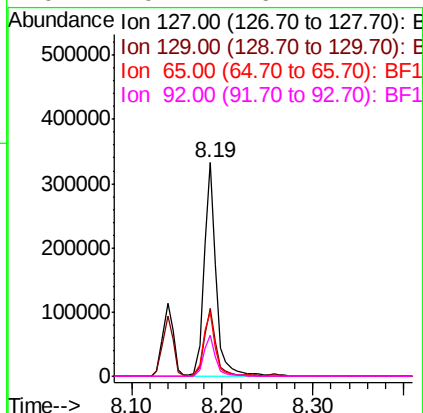
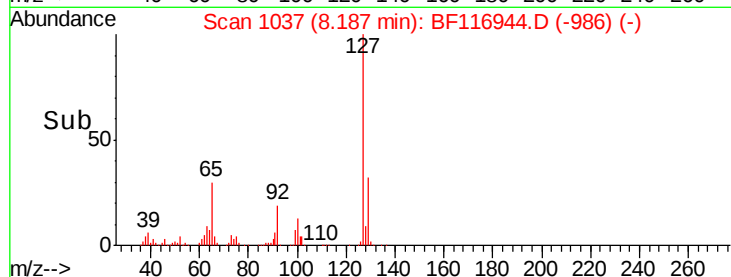
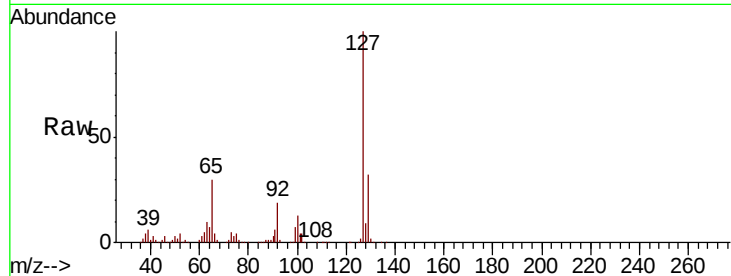




#33
4-Chloroaniline
Concen: 41.995 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

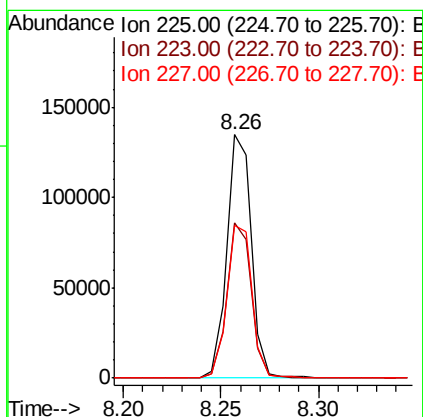
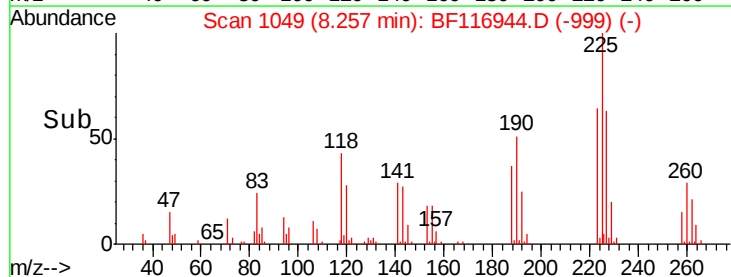
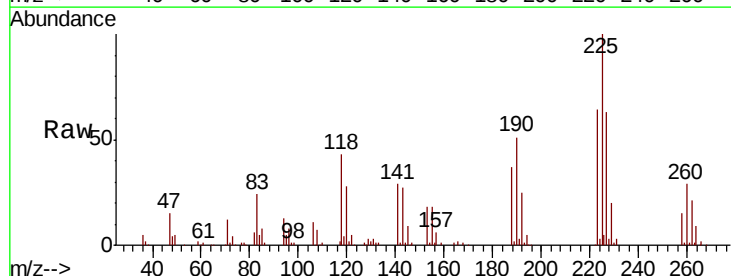
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

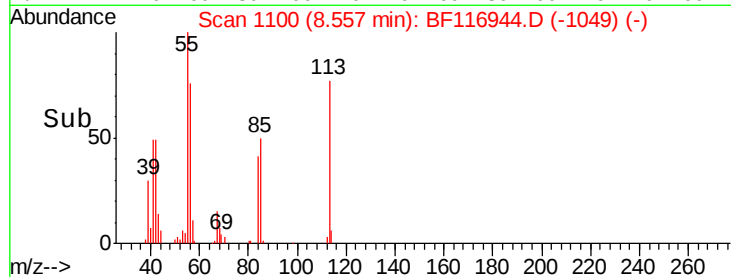
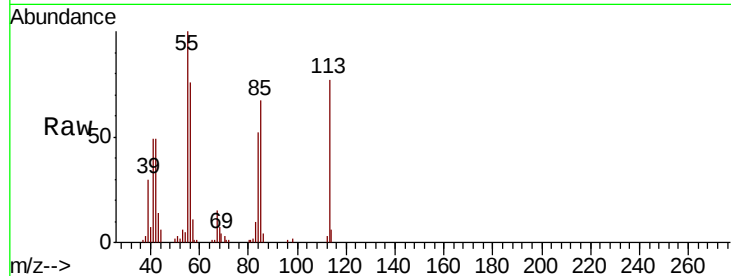
Tot Ion:127	Resp:	309882
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.2 39.2
65	30.1	26.0 39.0
92	19.4	16.1 24.1



#34
Hexachlorobutadiene
Concen: 45.257 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:225	Resp:	117298
Ion Ratio	Lower	Upper
225	100	
223	63.6	49.4 74.2
227	62.5	51.0 76.4





#35

Caprolactam

Concen: 39.671 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

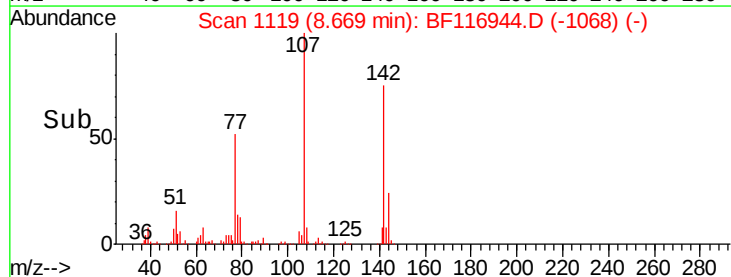
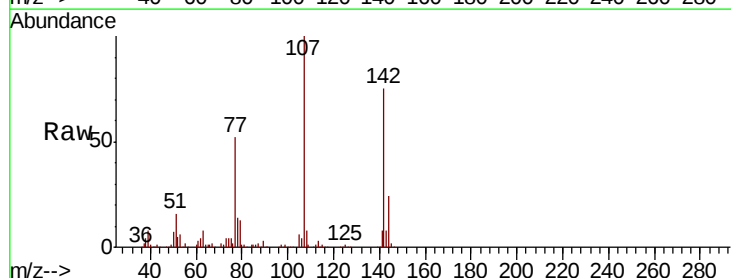
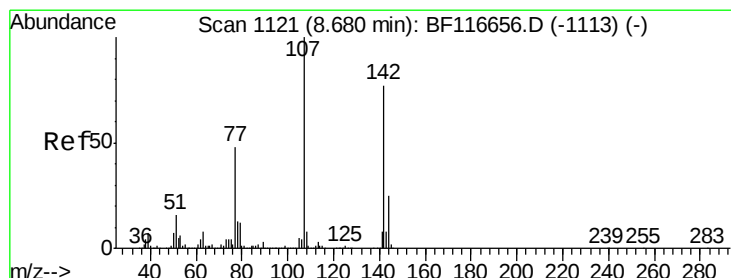
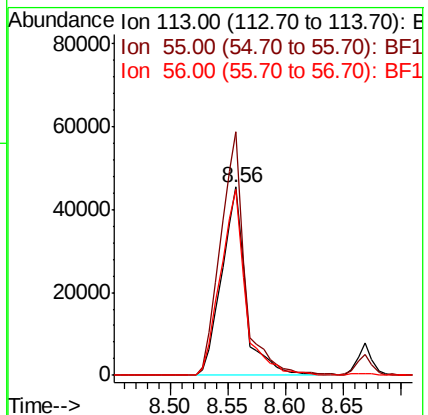
Tot Ion:113 Resp: 65066

Ion Ratio Lower Upper

113 100

55 129.5 124.3 164.3

56 98.9 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 44.893 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

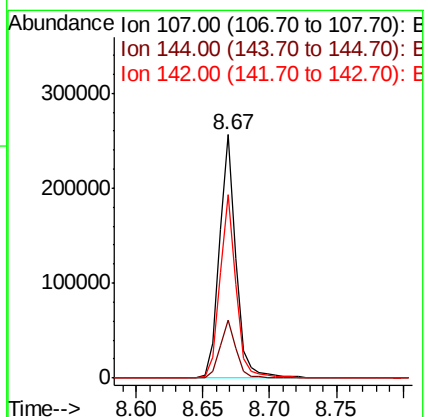
Tgt Ion:107 Resp: 226129

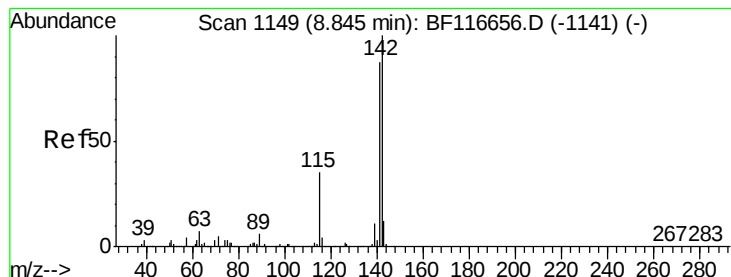
Ion Ratio Lower Upper

107 100

144 23.9 18.6 27.8

142 75.1 58.5 87.7





#37

2-Methylnaphthalene

Concen: 43.075 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

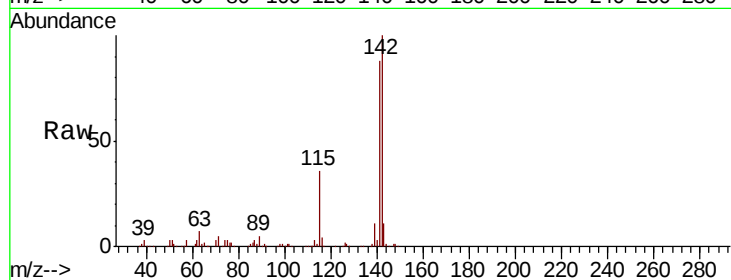
Tot Ion:142 Resp: 464595

Ion Ratio Lower Upper

142 100

141 88.5 72.6 109.0

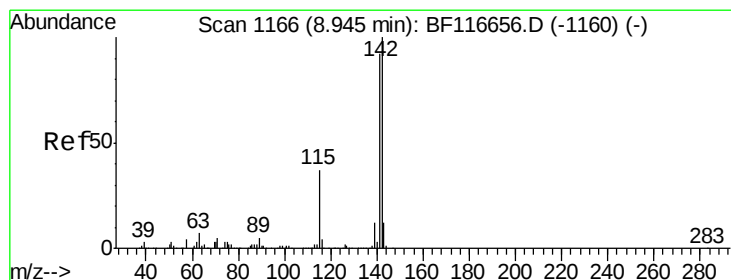
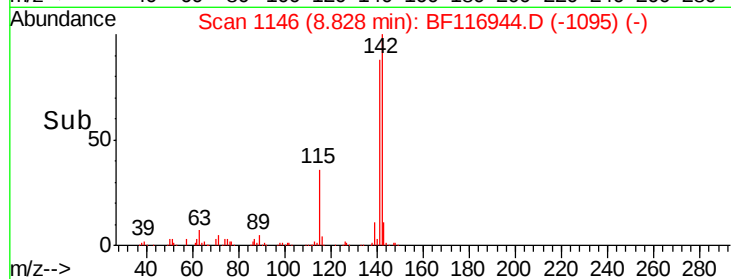
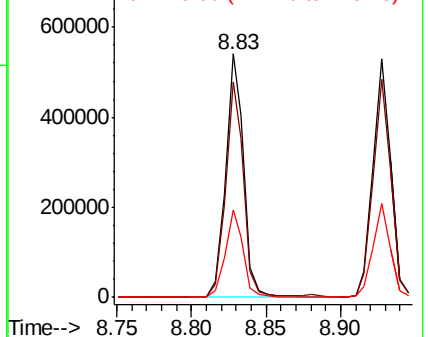
115 36.1 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.913 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

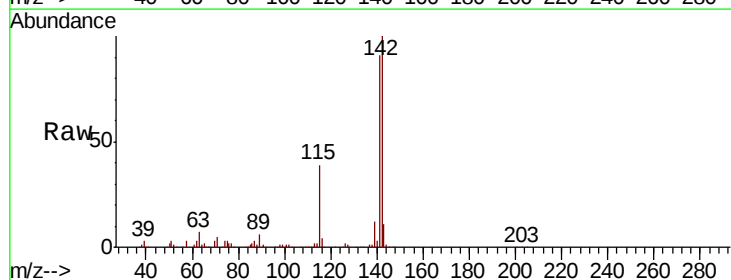
Tgt Ion:142 Resp: 436935

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

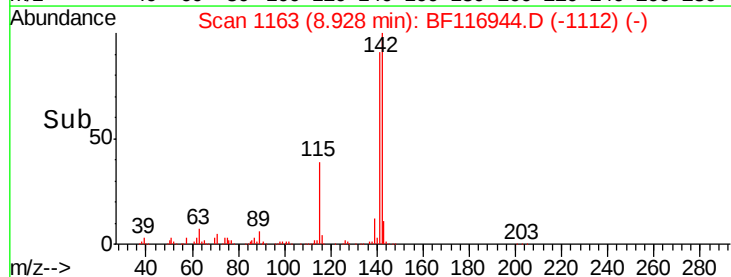
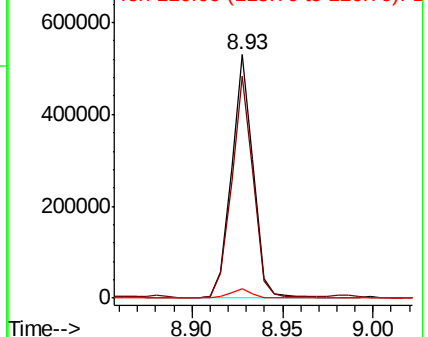
116 4.1 3.0 4.6

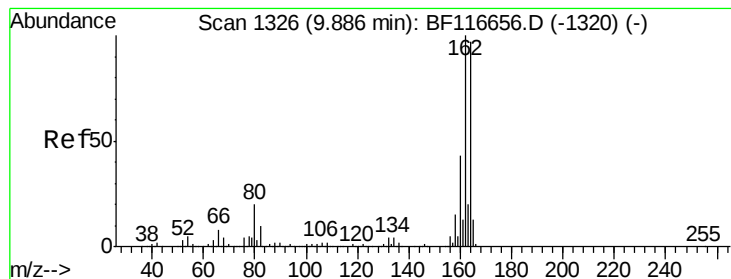


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

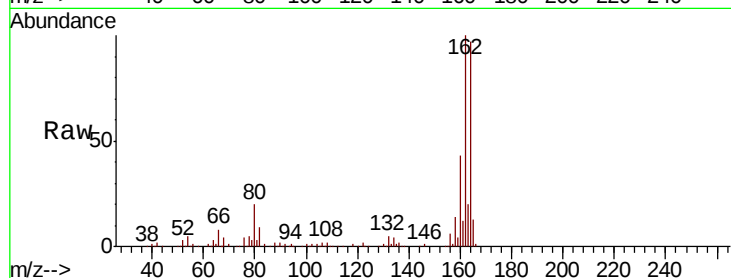
Tot Ion:164 Resp: 173678

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 44.3 35.4 53.2

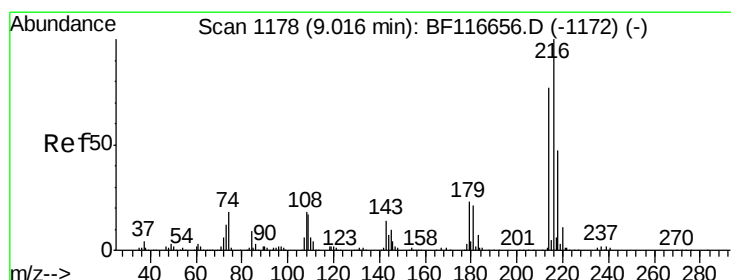
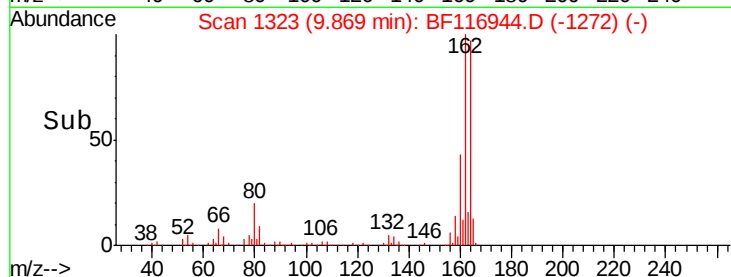
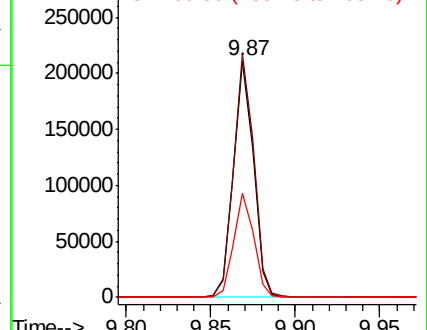


Abundance

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: 44.977 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Tgt Ion:216 Resp: 187255

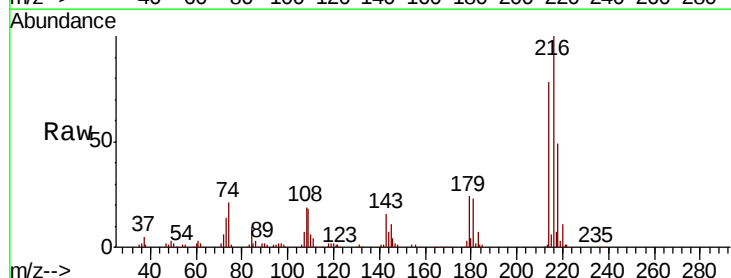
Ion Ratio Lower Upper

216 100

214 78.1 62.7 94.1

179 24.1 19.3 28.9

108 21.4 16.6 25.0



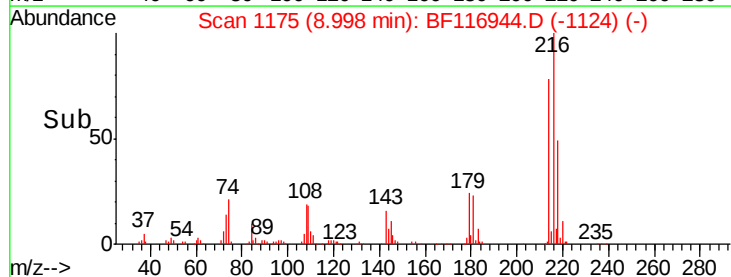
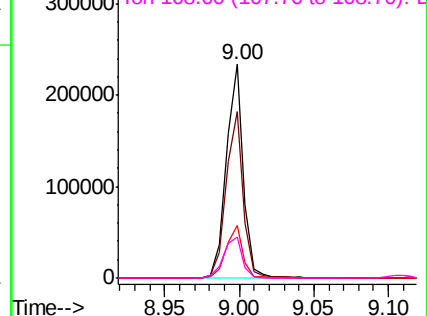
Abundance

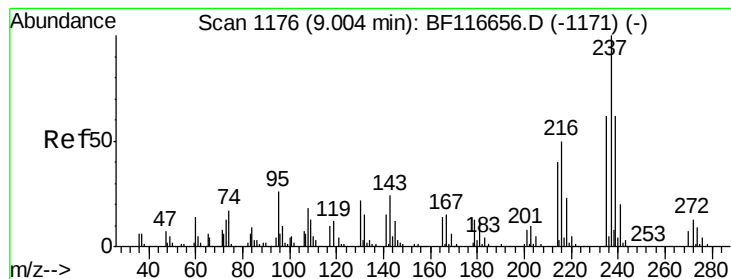
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.219 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

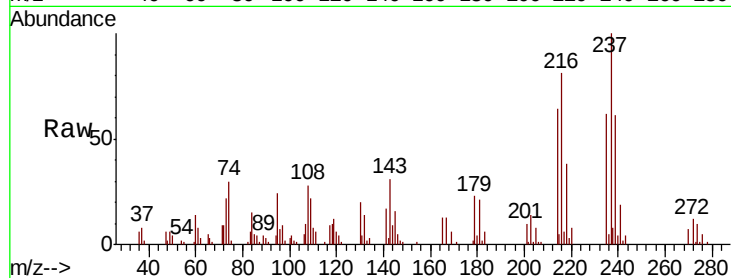
Tot Ion:237 Resp: 36590

Ion Ratio Lower Upper

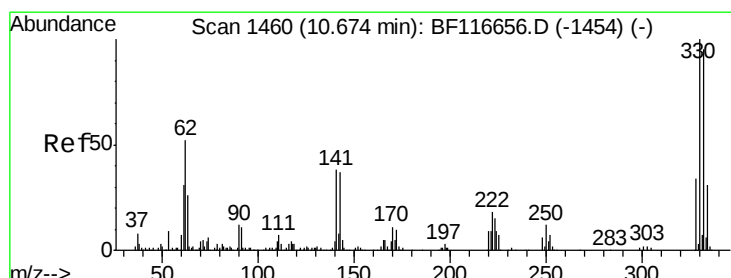
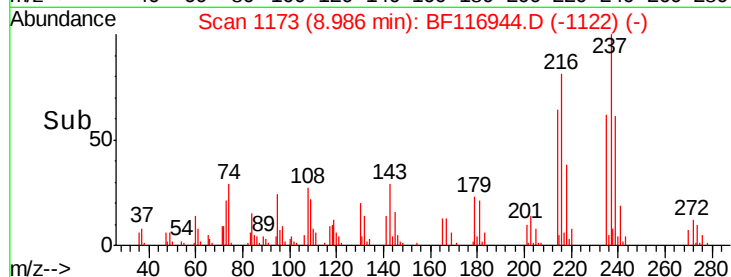
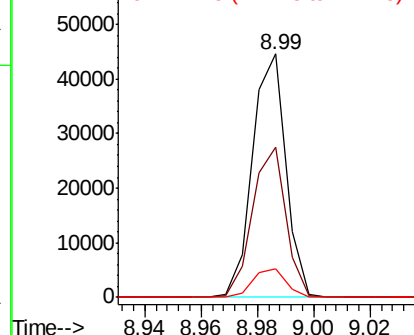
237 100

235 61.9 41.4 81.4

272 11.6 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 102.902 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

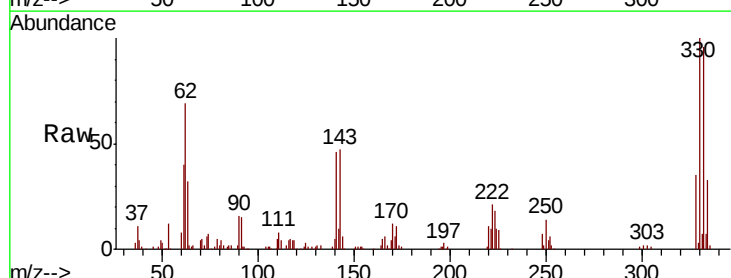
Tgt Ion:330 Resp: 119477

Ion Ratio Lower Upper

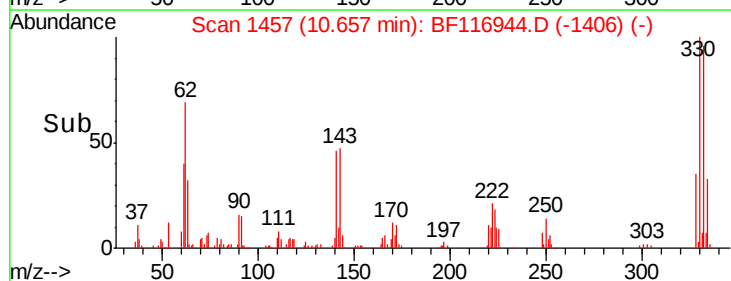
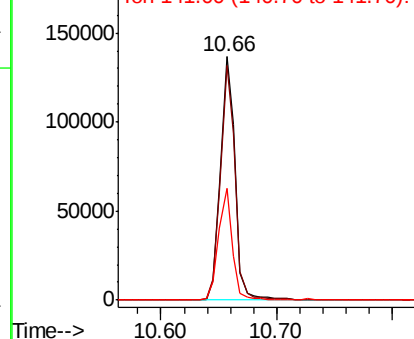
330 100

332 96.8 76.9 115.3

141 43.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

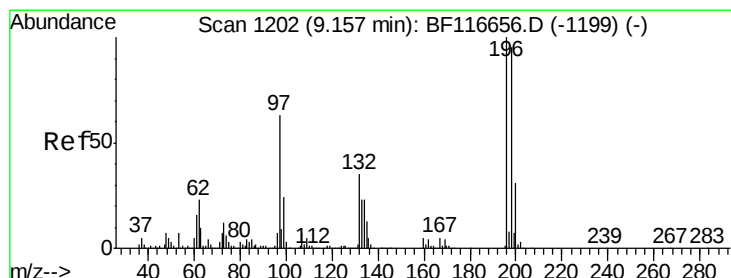
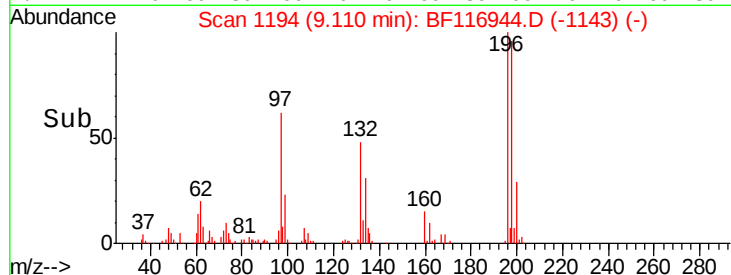
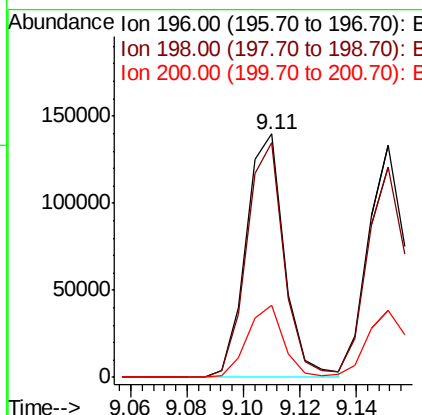
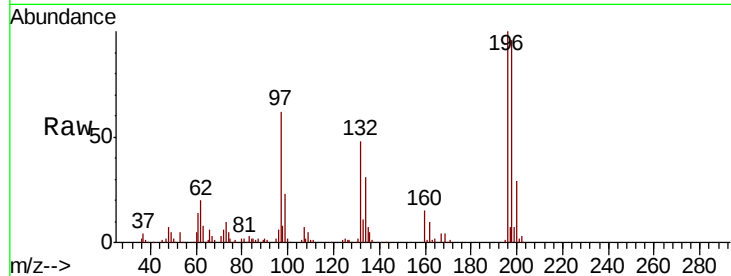




#43
 2,4,6-Trichlorophenol
 Concen: 46.217 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

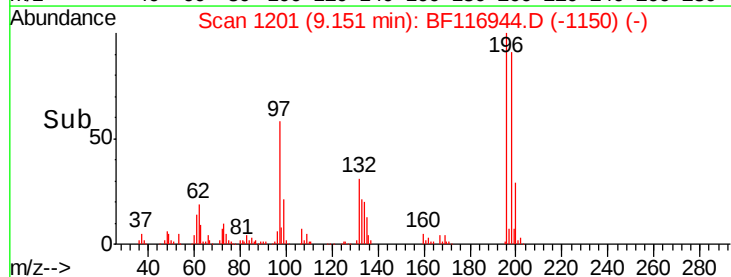
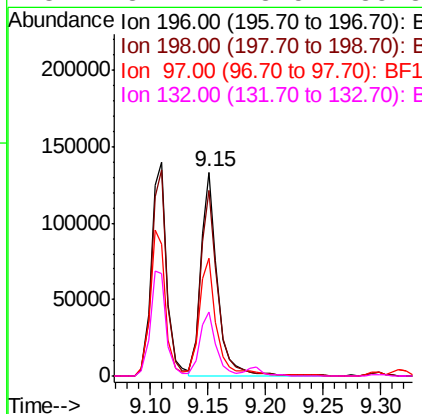
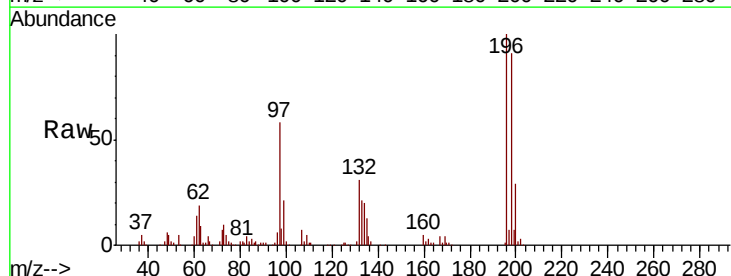
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

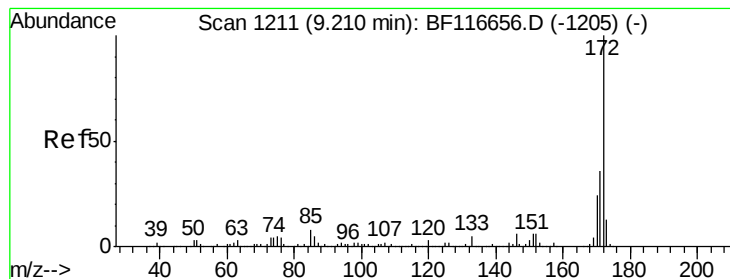
Tot Ion:196 Resp: 131903
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.1 118.7
 200 29.4 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.719 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion:196 Resp: 135463
 Ion Ratio Lower Upper
 196 100
 198 90.8 78.1 117.1
 97 57.6 41.6 62.4
 132 31.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 89.979 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

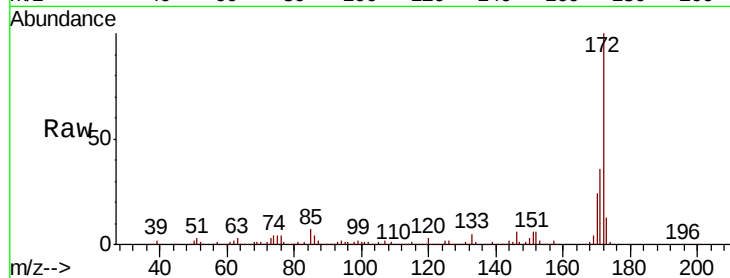
Tot Ion:172 Resp: 926398

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.6

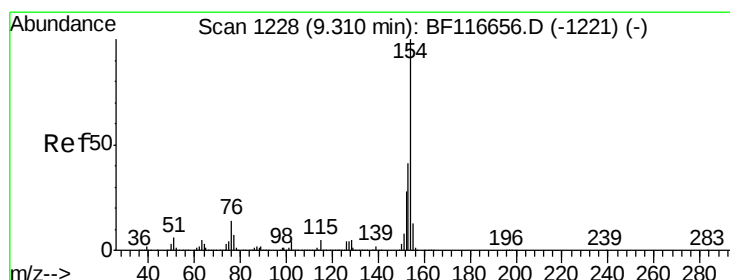
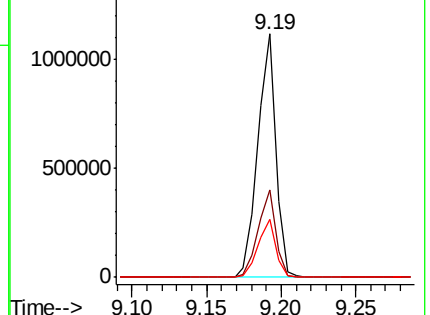
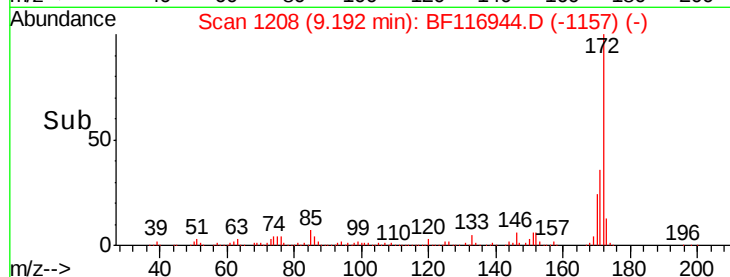
170 23.9 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.082 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

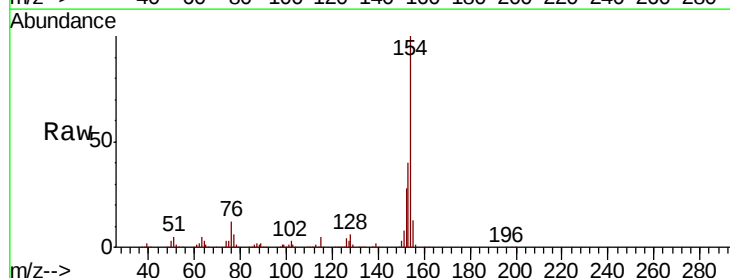
Tgt Ion:154 Resp: 567766

Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

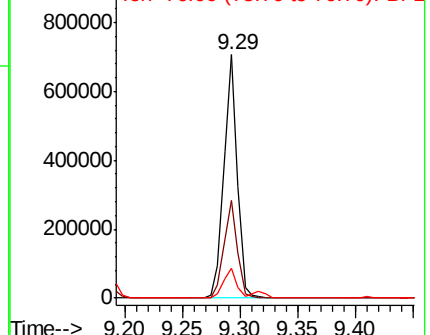
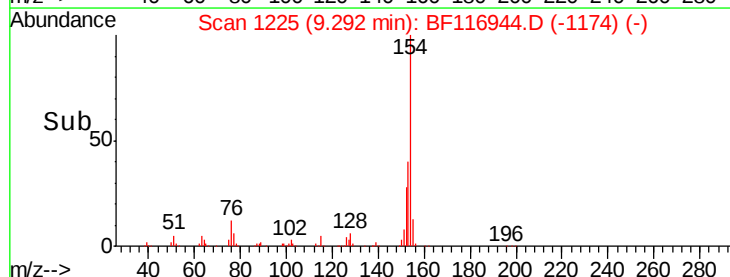
76 12.0 0.0 30.9

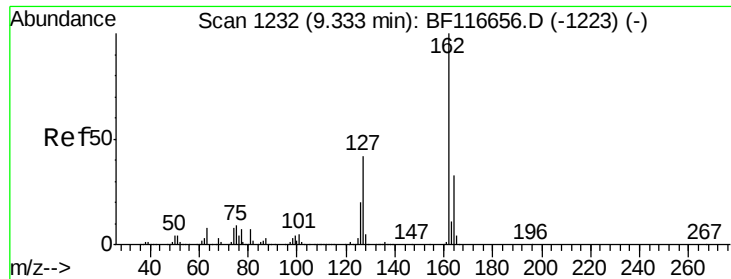


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

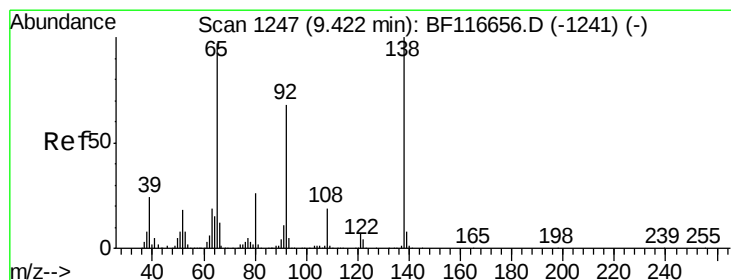
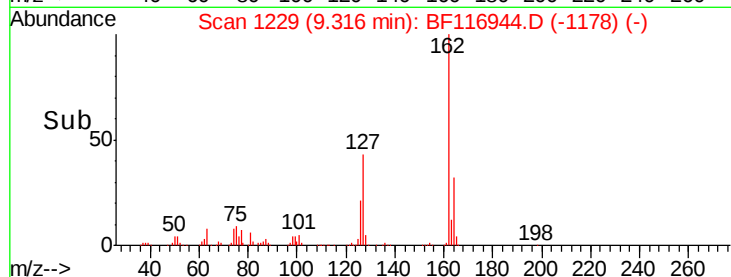
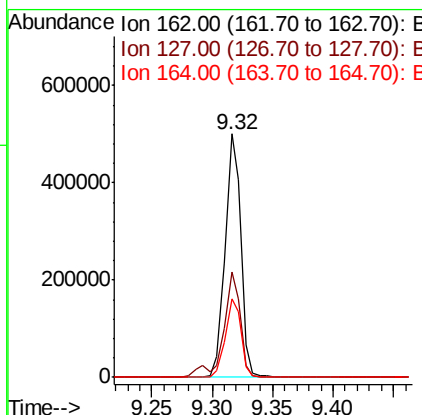
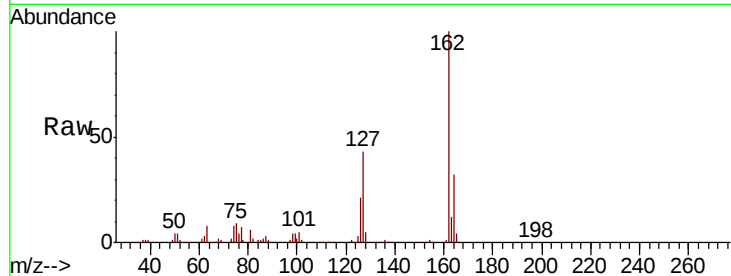




#47
2-Chloronaphthalene
Concen: 43.209 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

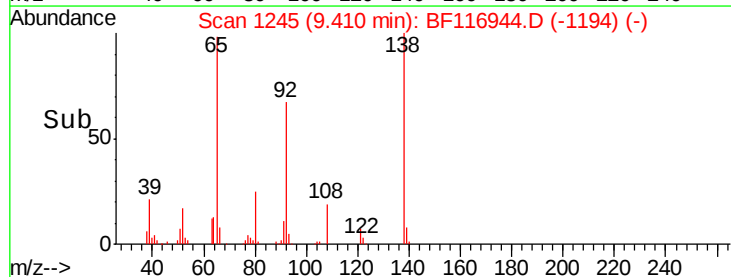
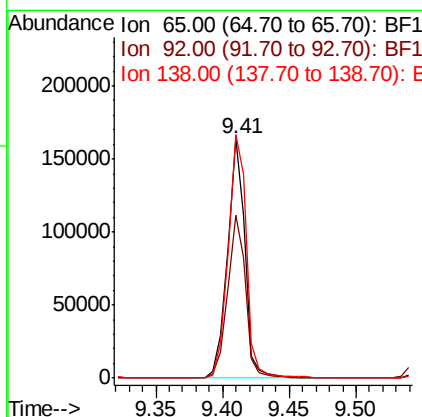
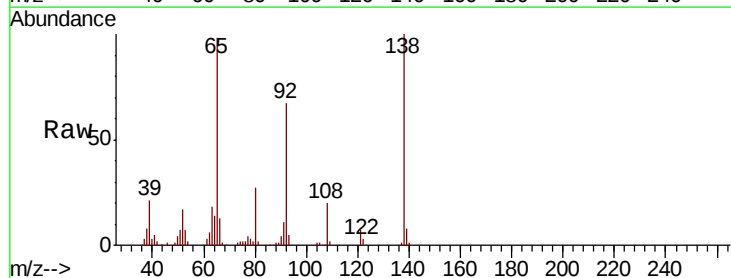
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	33.4	50.2
164	32.1	26.6	39.8



#48
2-Nitroaniline
Concen: 50.046 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.1	85.7
138	101.6	88.2	132.2





#49

Acenaphthylene

Concen: 42.975 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

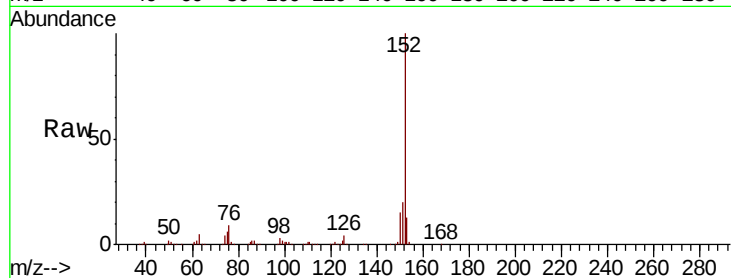
Tot Ion:152 Resp: 678093

Ion Ratio Lower Upper

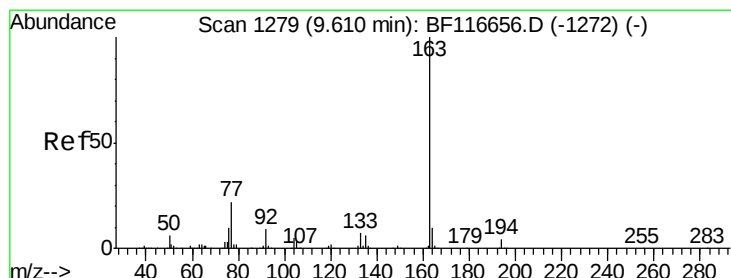
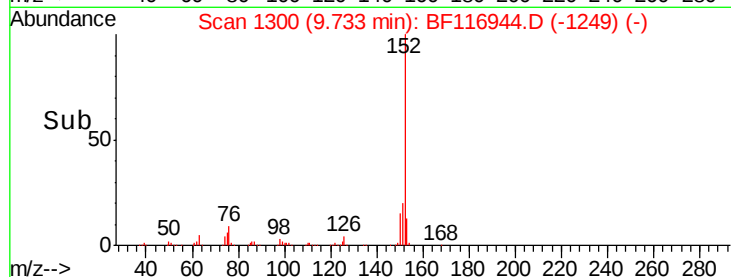
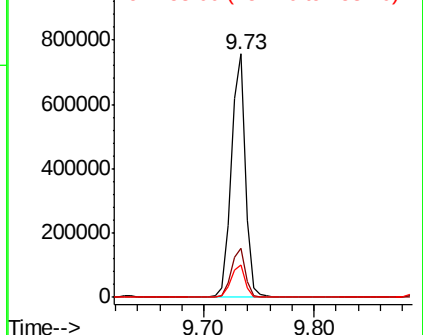
152 100

151 20.4 15.9 23.9

153 13.1 10.9 16.3



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



#50

Dimethylphthalate

Concen: 43.248 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

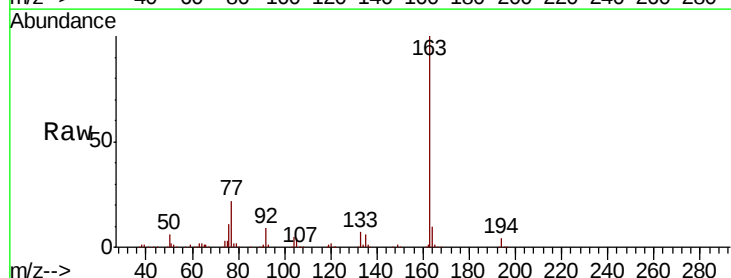
Tgt Ion:163 Resp: 518573

Ion Ratio Lower Upper

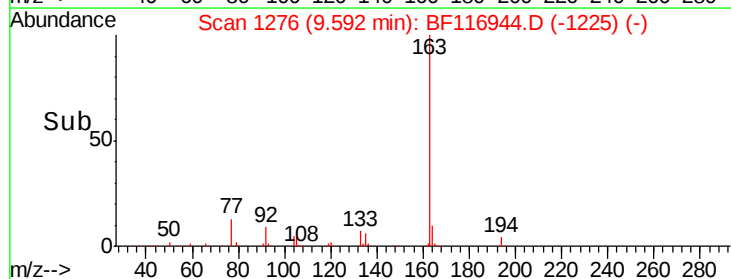
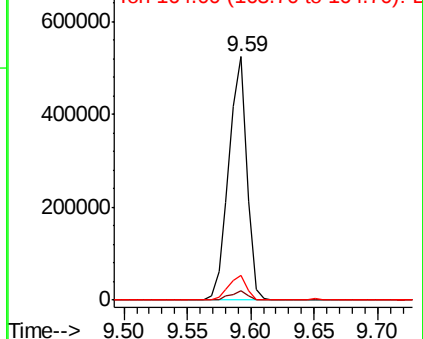
163 100

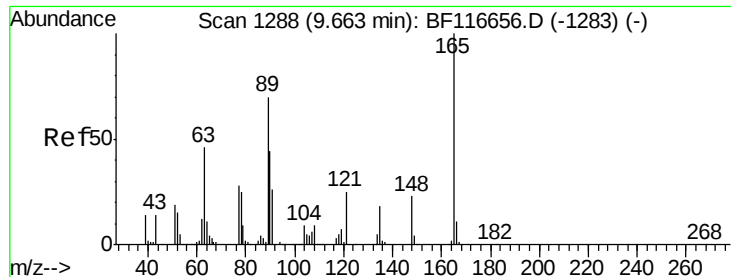
194 3.7 2.8 4.2

164 10.0 8.6 12.8



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

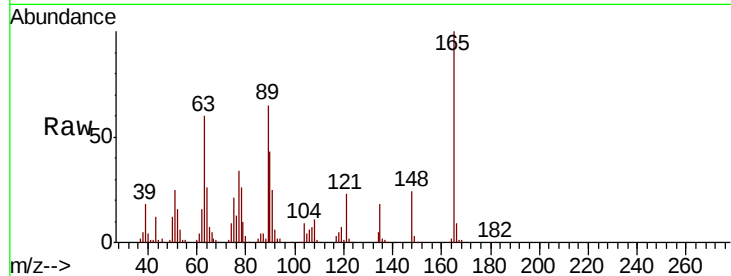




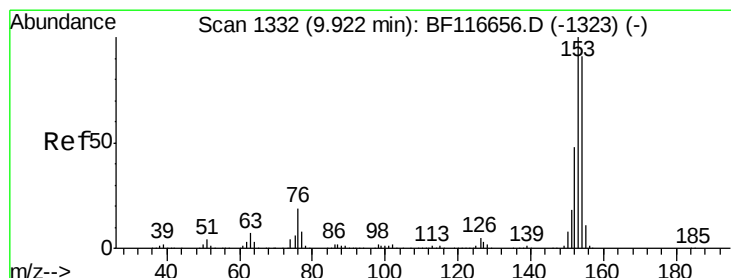
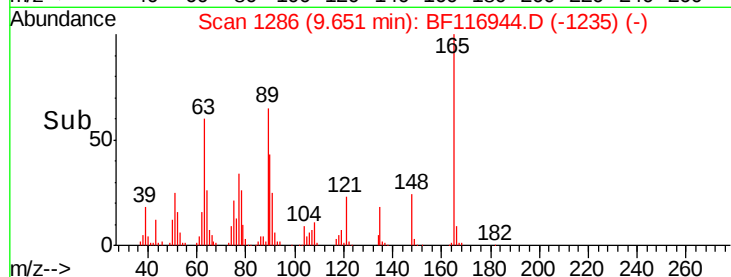
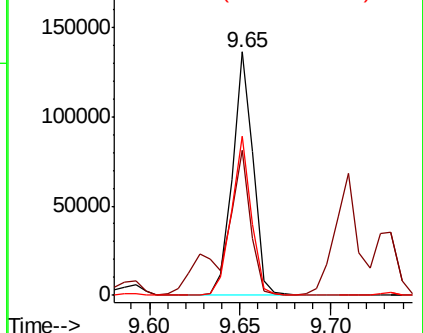
#51
2,6-Dinitrotoluene
Concen: 47.210 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 108004
Ion Ratio Lower Upper
165 100
63 59.7 47.3 70.9
89 65.3 52.5 78.7

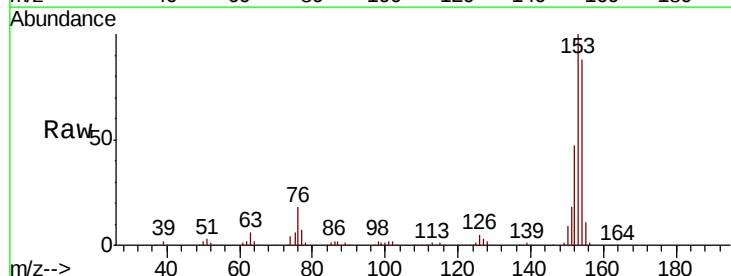


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

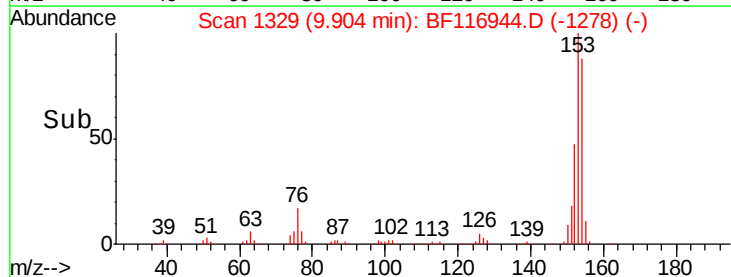
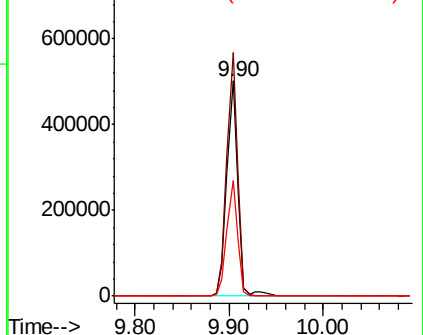


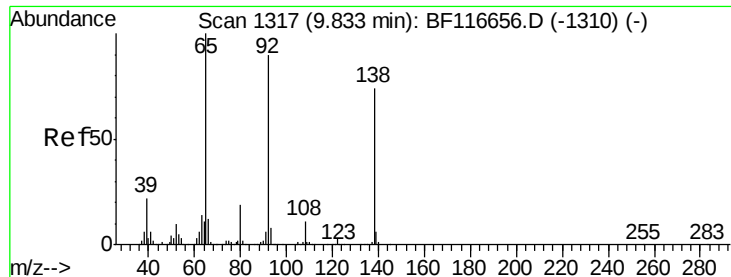
#52
Acenaphthene
Concen: 42.531 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:154 Resp: 412336
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.6 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

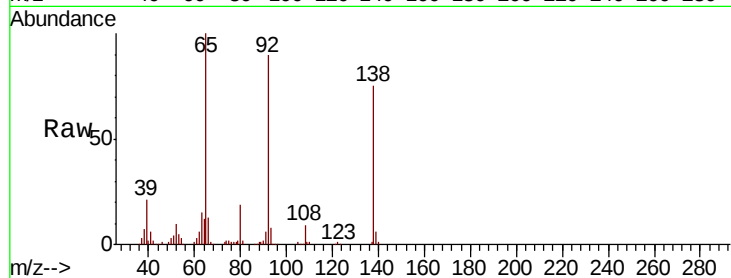




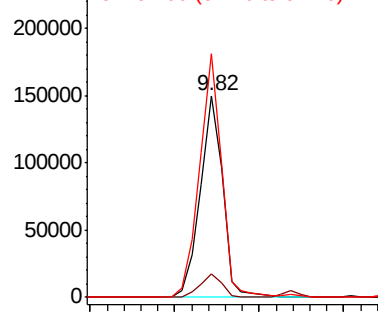
#53
3-Nitroaniline
Concen: 48.075 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

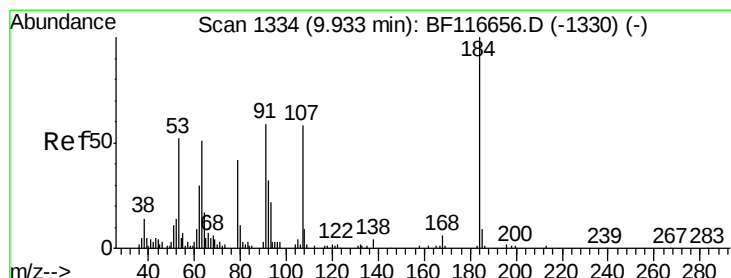
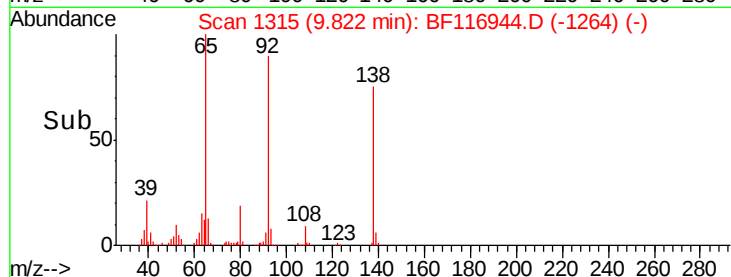
Tot Ion:138 Resp: 137830
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 120.6 87.2 130.8



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

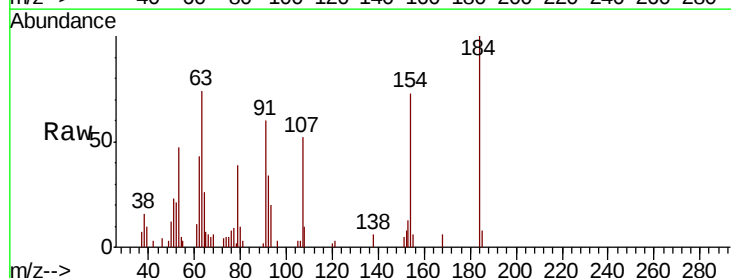


Time--> 9.75 9.80 9.85 9.90

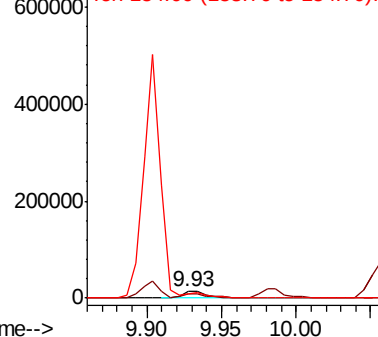


#54
2,4-Dinitrophenol
Concen: 27.520 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

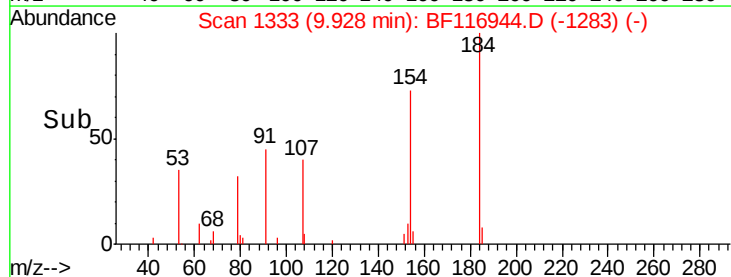
Tgt Ion:184 Resp: 16912
Ion Ratio Lower Upper
184 100
63 73.5 52.2 78.2
154 73.3 60.8 91.2



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



Time--> 9.90 9.95 10.00

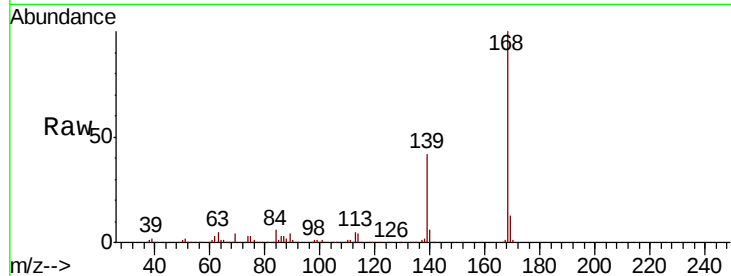




#55
Dibenzofuran
Concen: 43.754 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.5	47.3
169	13.4	10.3	15.5

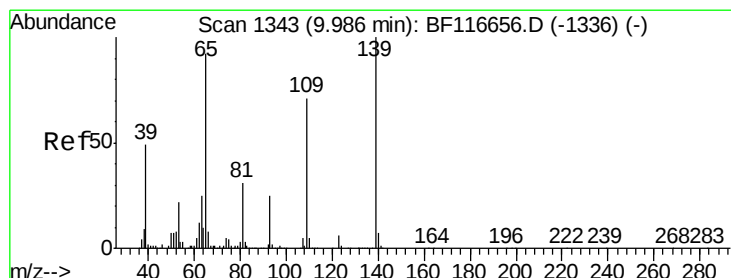
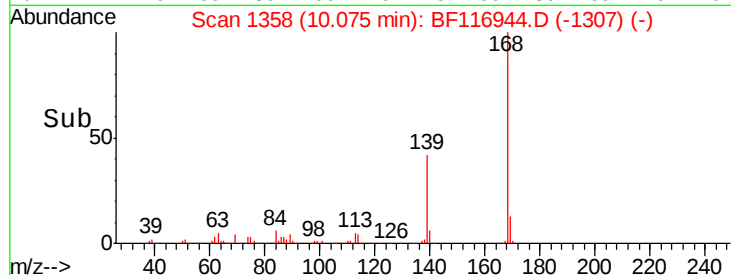
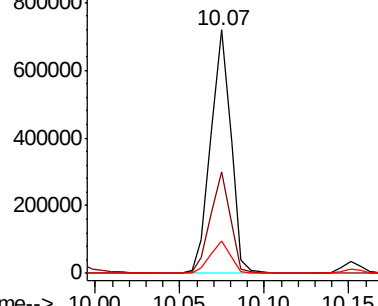


Abundance

Ion 168.00 (167.70 to 168.70): E

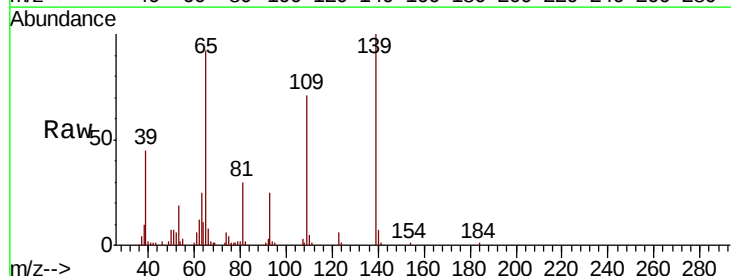
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.465 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	61.7	101.7
65	92.2	89.1	129.1

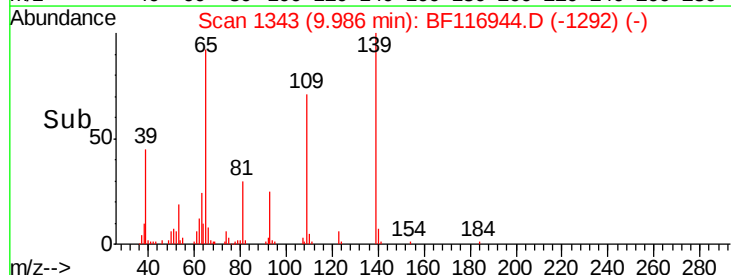
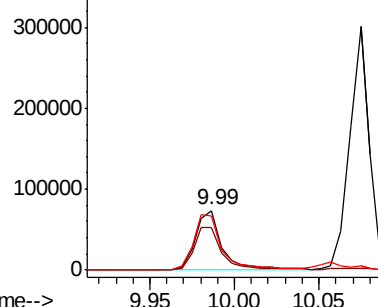


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

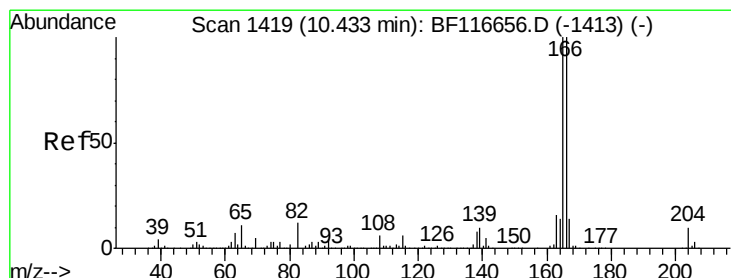
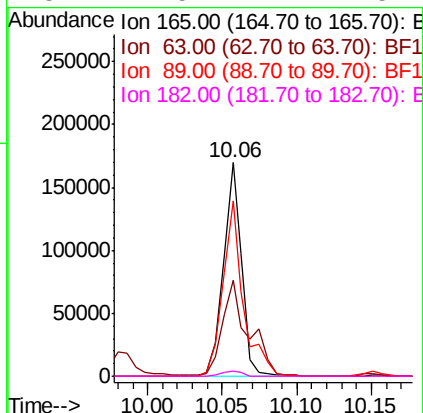
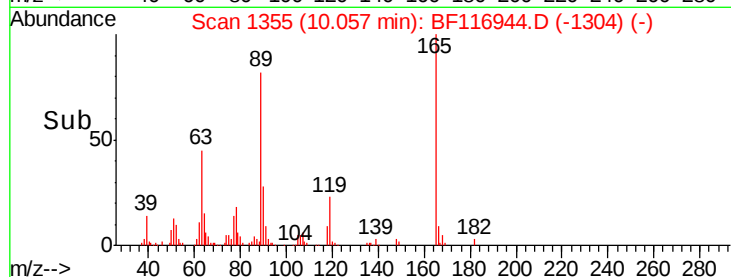
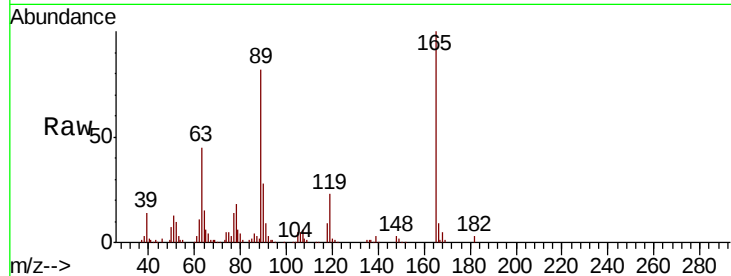




#57
2,4-Dinitrotoluene
Concen: 52.232 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

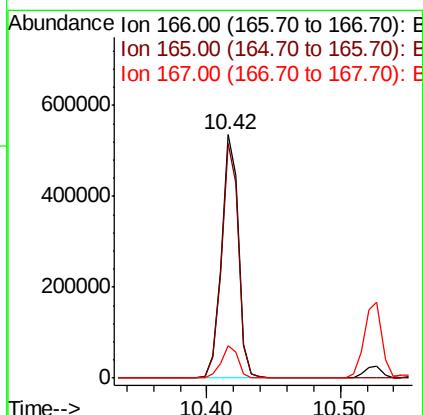
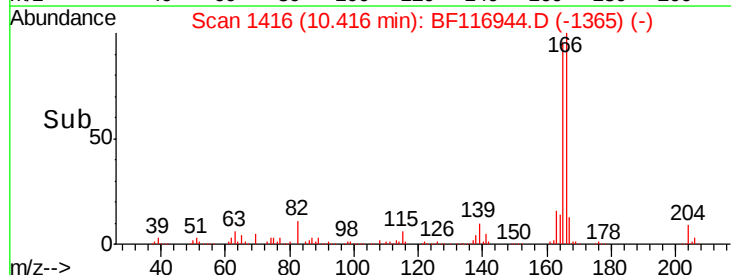
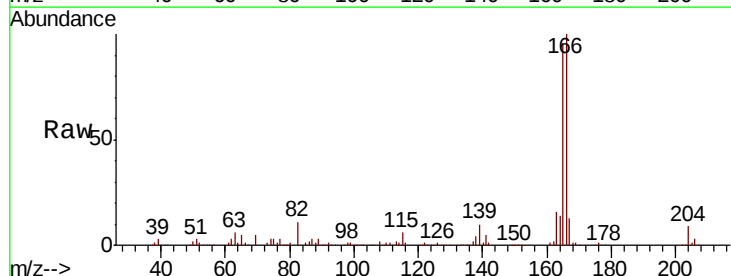
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

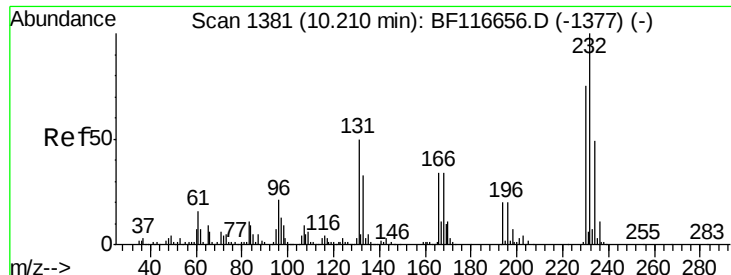
Tot Ion:165 Resp: 146111
Ion Ratio Lower Upper
165 100
63 45.1 36.4 54.6
89 82.0 62.6 94.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.225 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:166 Resp: 481379
Ion Ratio Lower Upper
166 100
165 96.4 78.8 118.2
167 13.3 10.0 15.0

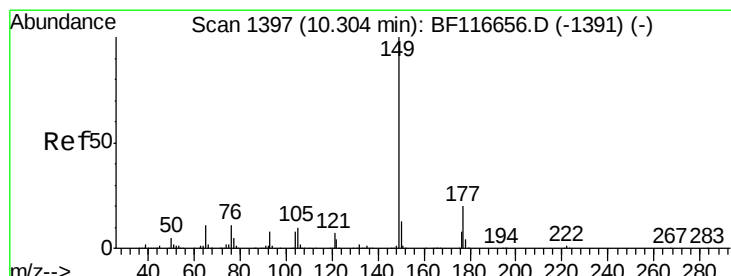
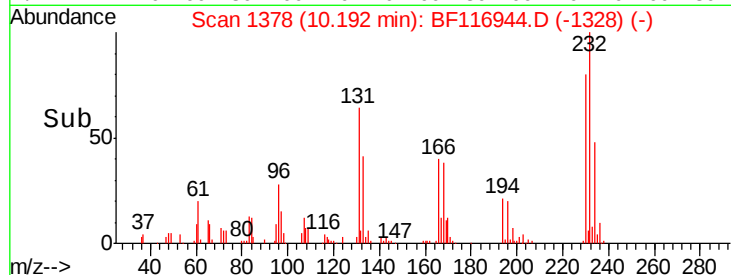
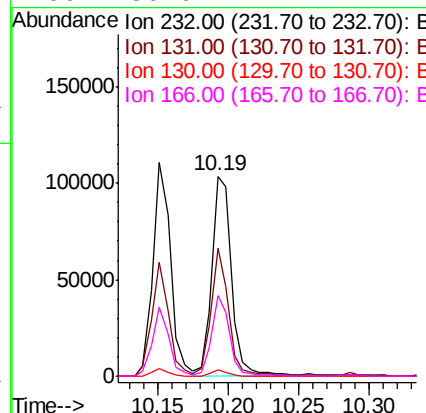
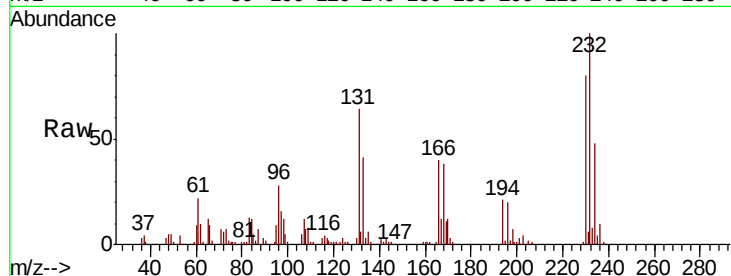




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.131 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

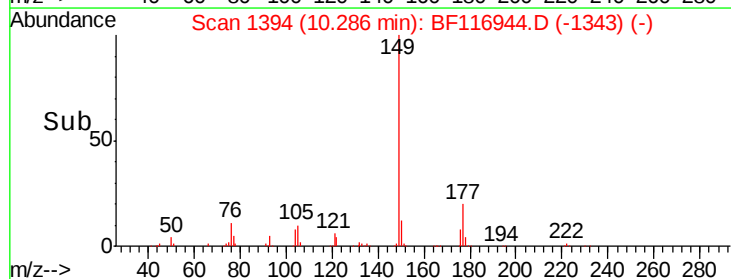
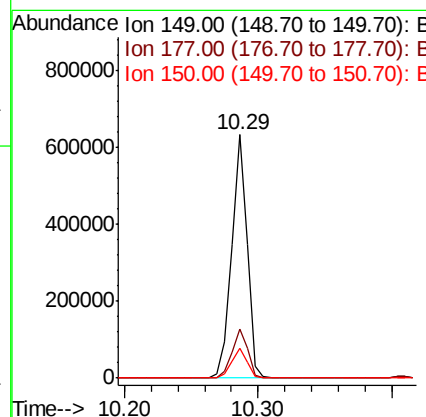
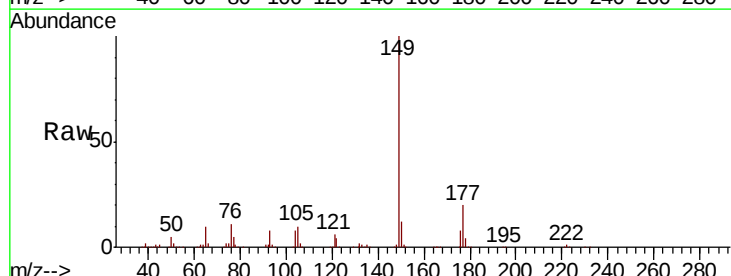
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 100785
 Ion Ratio Lower Upper
 232 100
 131 55.8 42.7 64.1
 130 2.7 1.9 2.9
 166 36.9 27.4 41.2



#60
 Diethylphthalate
 Concen: 43.267 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion:149 Resp: 519681
 Ion Ratio Lower Upper
 149 100
 177 20.0 17.2 25.8
 150 12.2 9.7 14.5

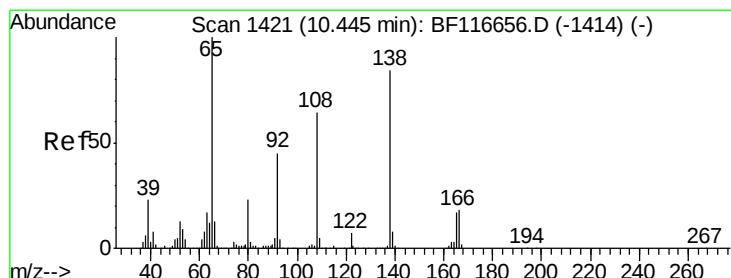
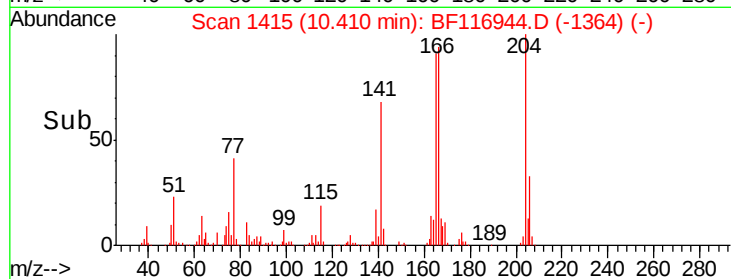
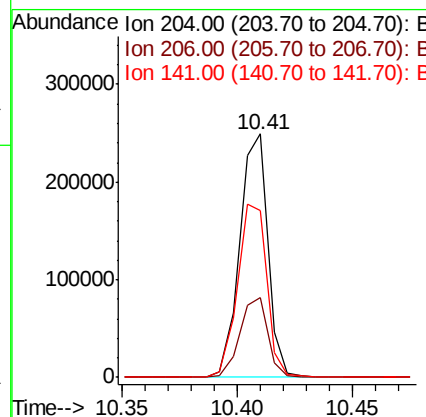
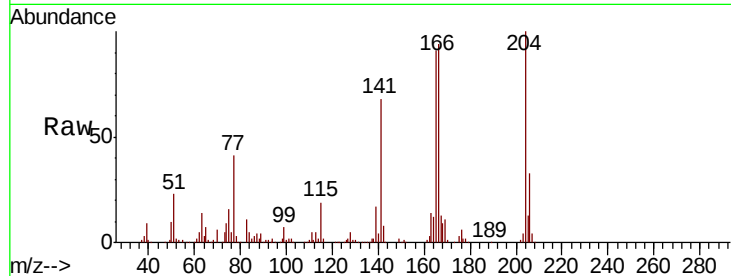




#61
4-Chlorophenyl-phenylether
Concen: 46.483 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

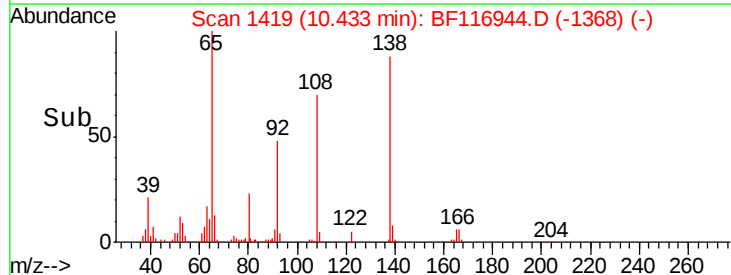
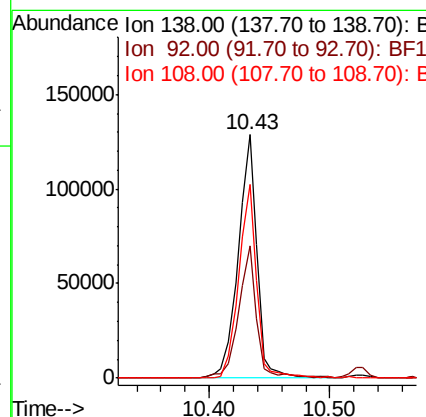
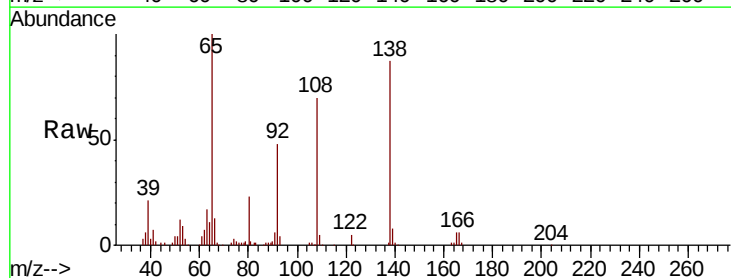
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 211973
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.2
141 68.4 53.8 80.8



#62
4-Nitroaniline
Concen: 50.536 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:138 Resp: 140606
Ion Ratio Lower Upper
138 100
92 54.5 28.7 68.7
108 79.6 60.4 100.4





#63

Azobenzene

Concen: 42.173 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 528184

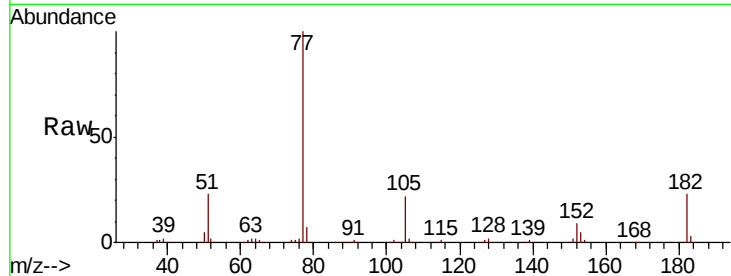
Ion Ratio Lower Upper

77 100

182 22.9 1.2 41.2

105 22.1 0.6 40.6

51 22.6 8.2 48.2

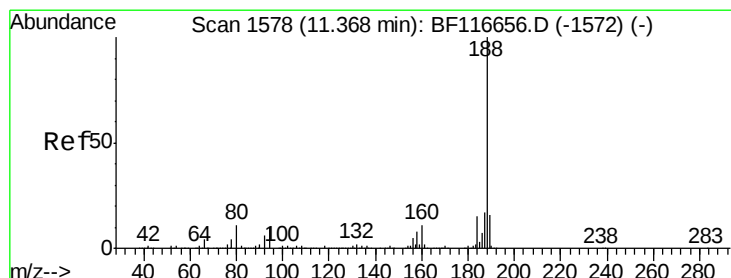
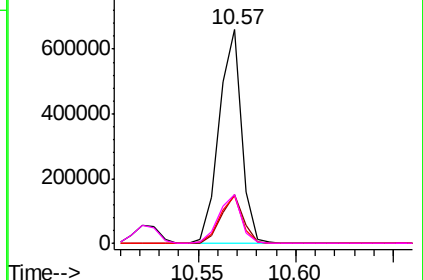
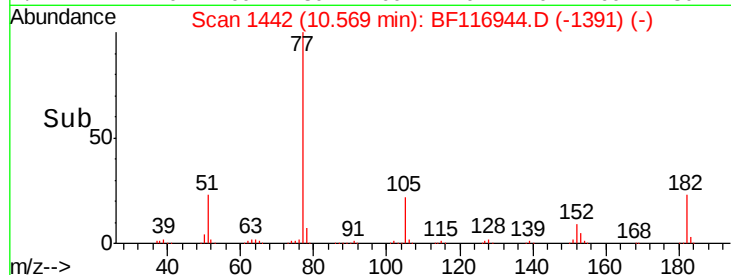


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

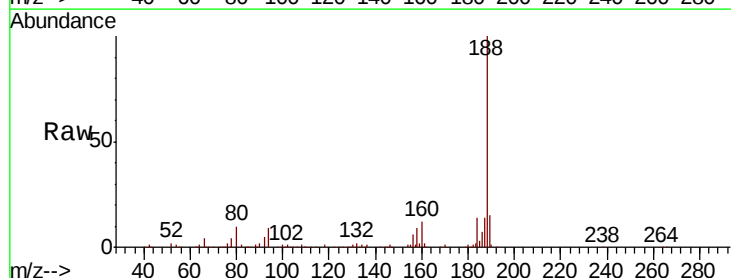
Tgt Ion: 188 Resp: 283332

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

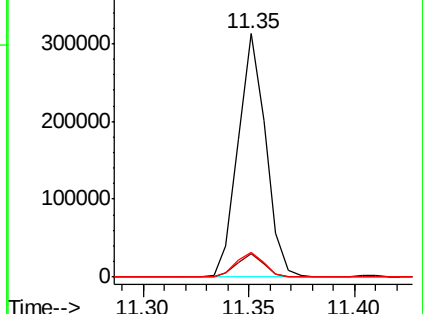
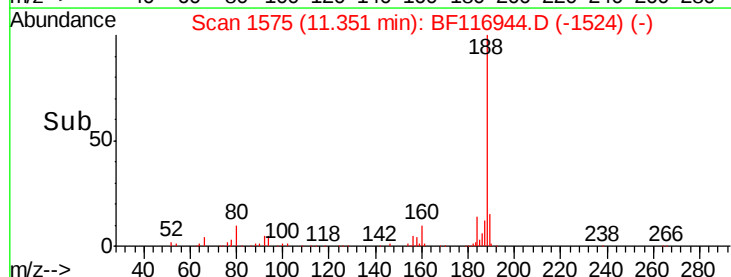
80 10.2 8.4 12.6

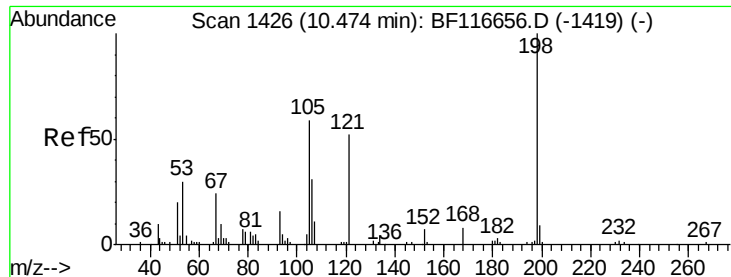


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

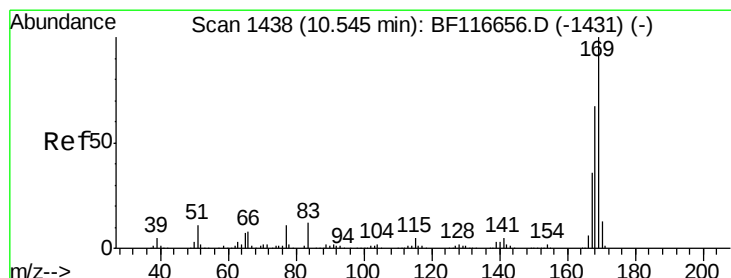
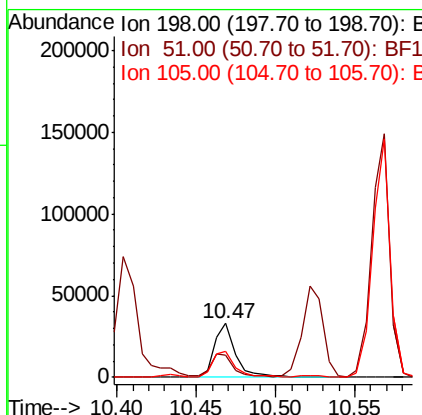
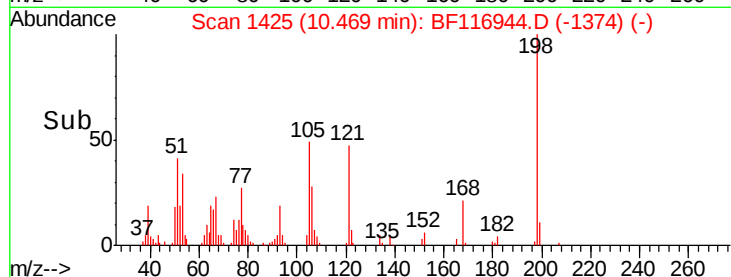
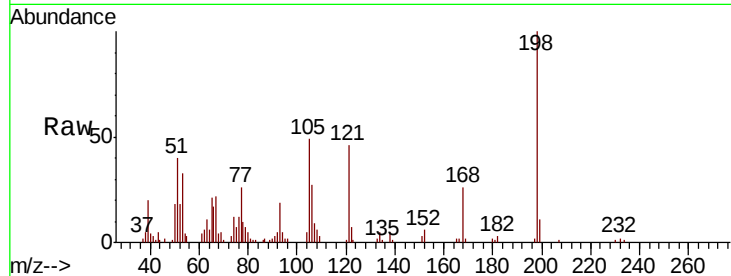




#65
4,6-Dinitro-2-methylphenol
Concen: 32.240 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

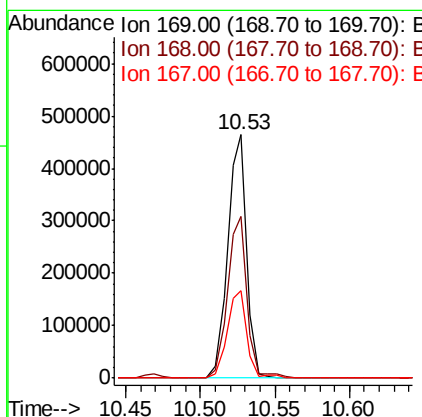
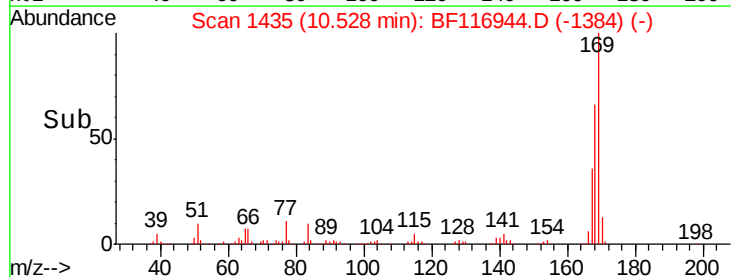
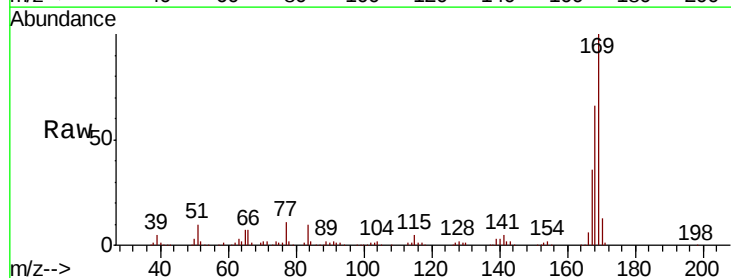
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

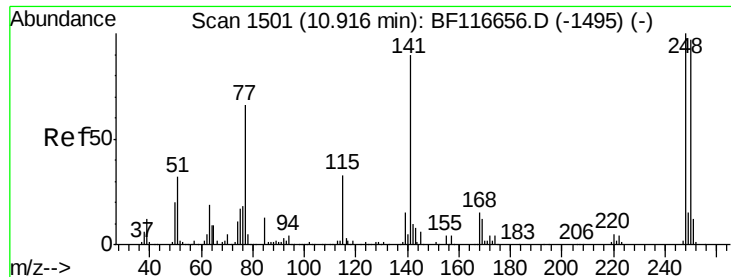
Tot Ion:198 Resp: 30620
Ion Ratio Lower Upper
198 100
51 40.1 18.4 58.4
105 48.8 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 42.625 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:169 Resp: 417789
Ion Ratio Lower Upper
169 100
168 66.3 55.8 83.6
167 35.7 29.4 44.2

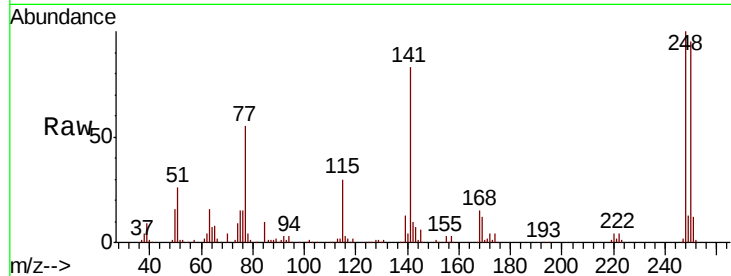




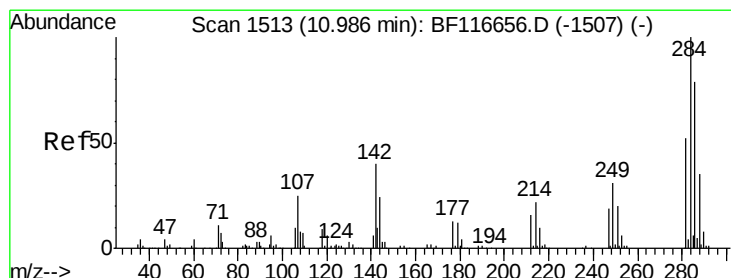
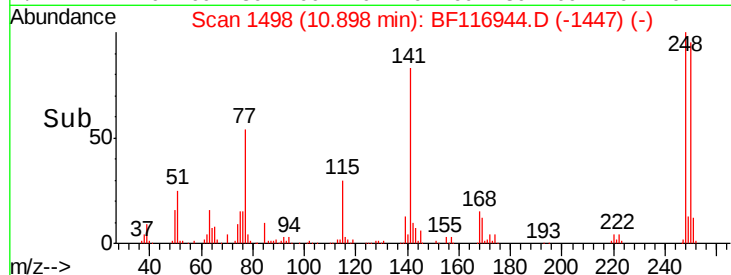
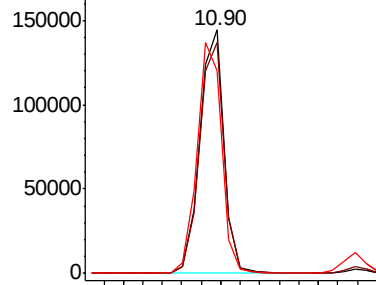
#67
4-Bromophenyl-phenylether
Concen: 42.853 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.8	116.8
141	83.2	75.9	113.9

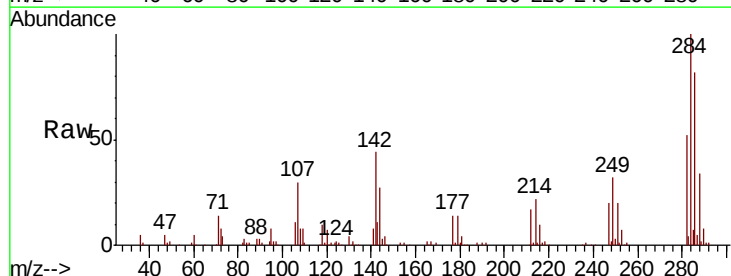


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

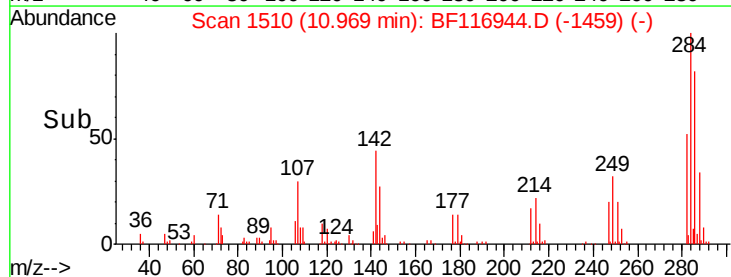
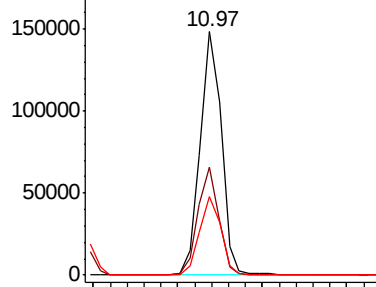


#68
Hexachlorobenzene
Concen: 42.972 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.4	34.0	51.0
249	32.0	26.4	39.6



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





#69

Atrazine

Concen: 41.491 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

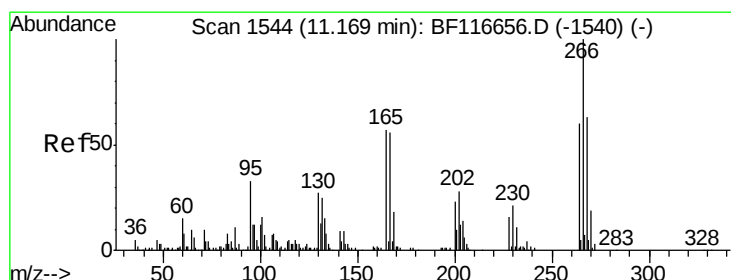
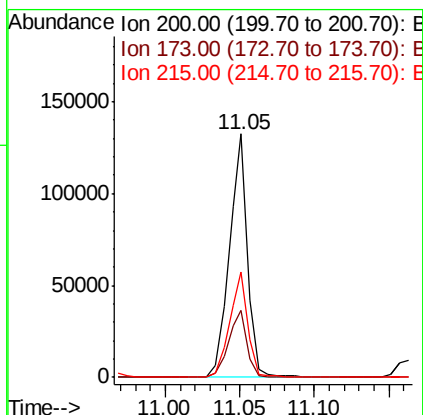
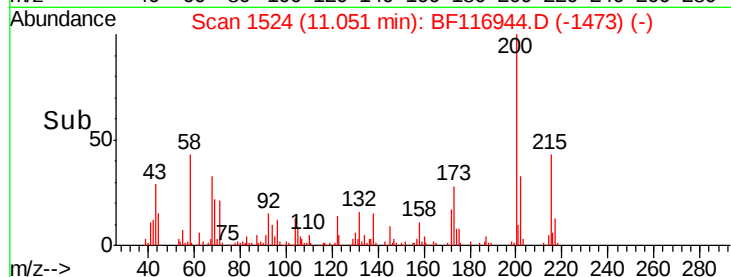
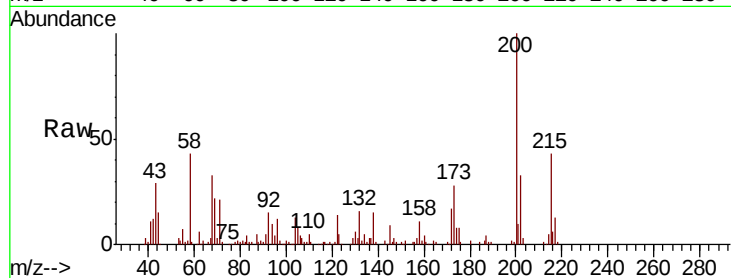
Tot Ion:200 Resp: 113898

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

215 43.1 24.3 64.3



#70

Pentachlorophenol

Concen: 36.939 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

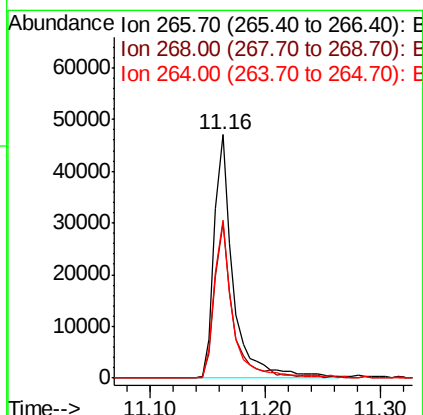
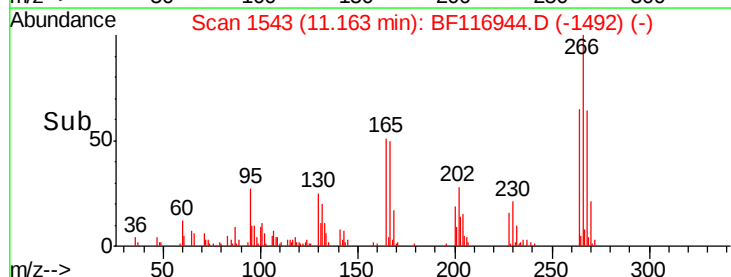
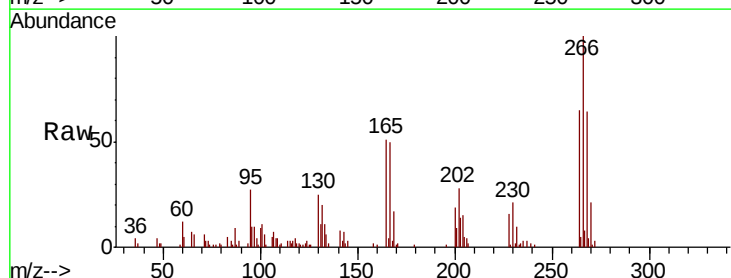
Tgt Ion:266 Resp: 53811

Ion Ratio Lower Upper

266 100

268 63.6 51.2 76.8

264 64.9 51.9 77.9

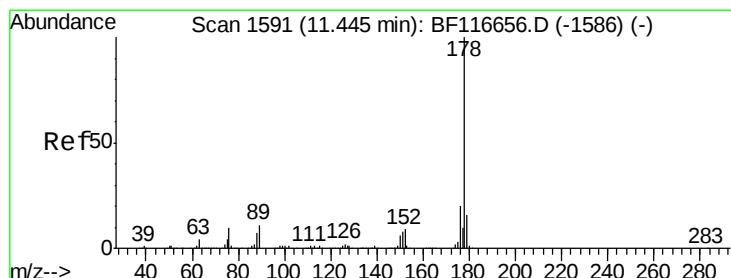
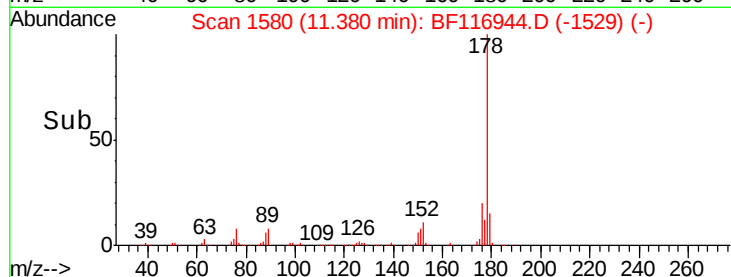
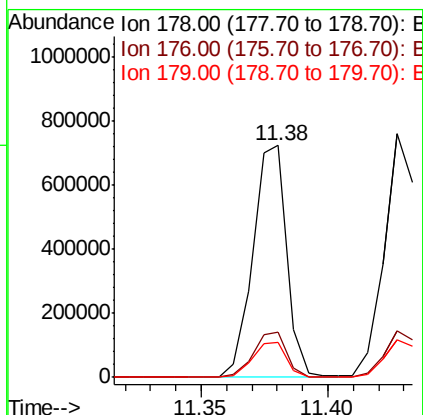
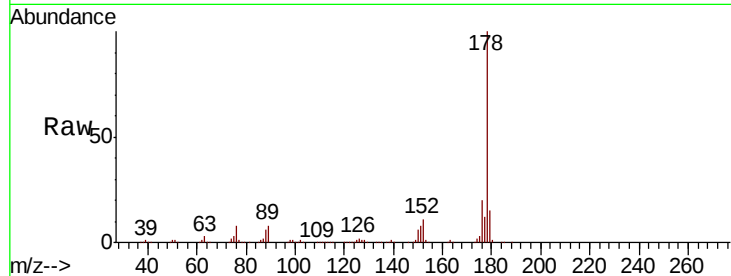




#71
Phenanthrene
Concen: 42.611 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

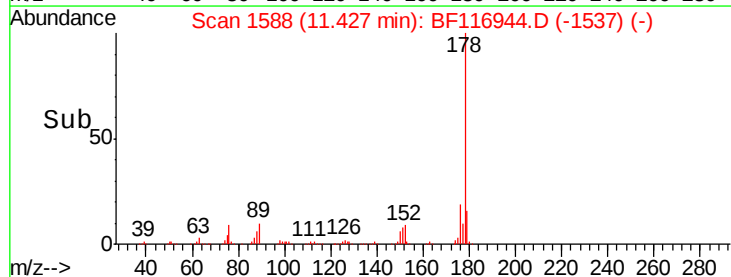
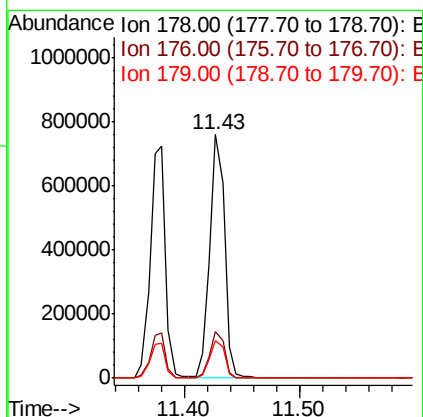
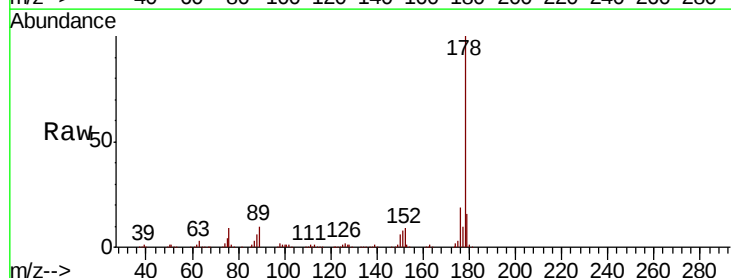
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

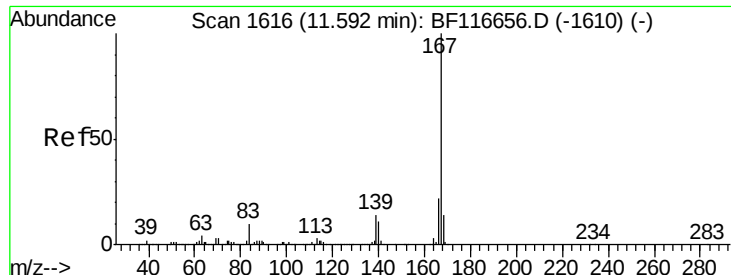
Tot Ion:178 Resp: 672060
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 42.948 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:178 Resp: 681877
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.5 18.7

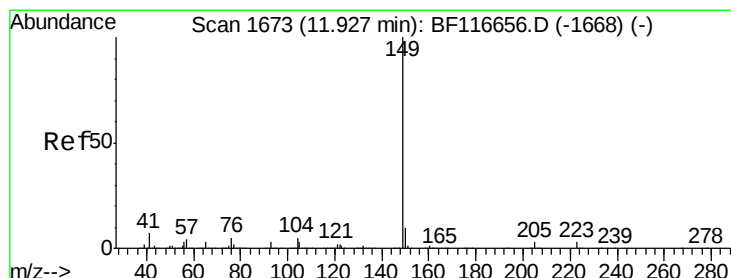
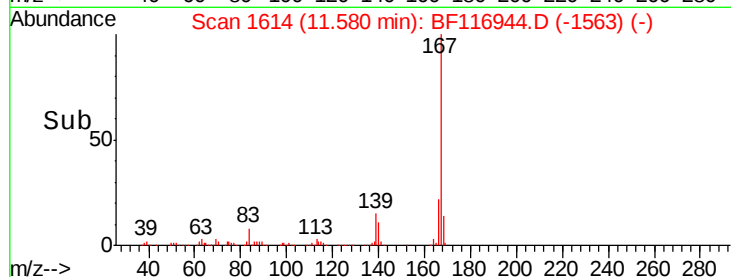
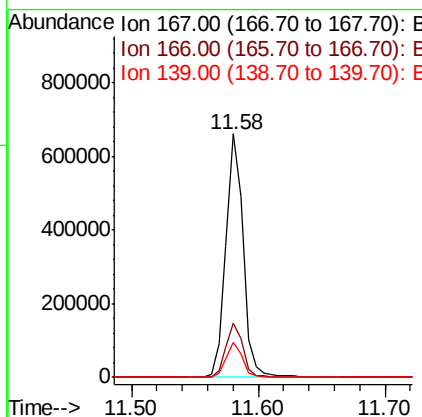
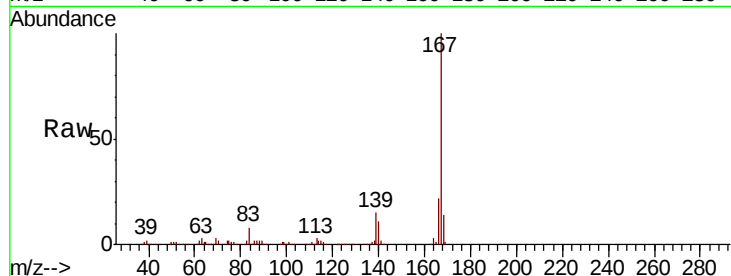




#73
 Carbazole
 Concen: 41.529 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

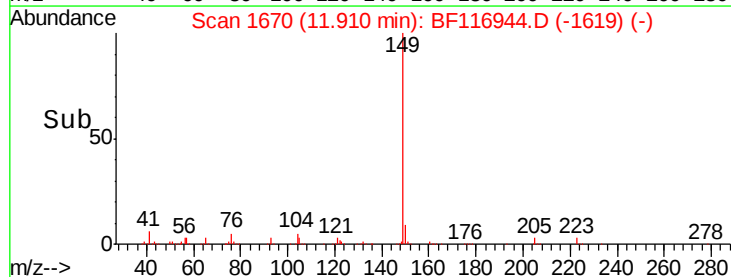
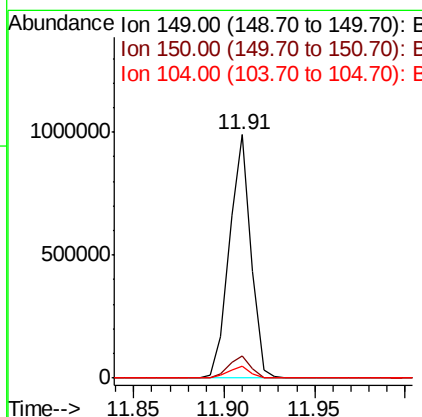
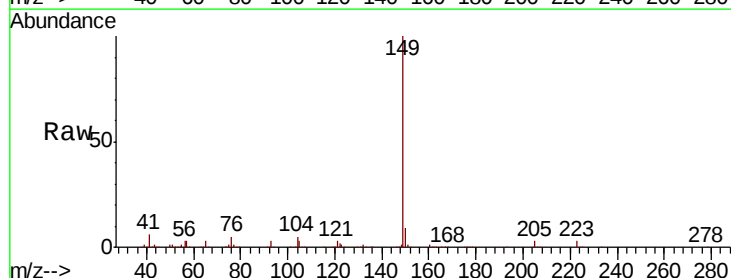
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

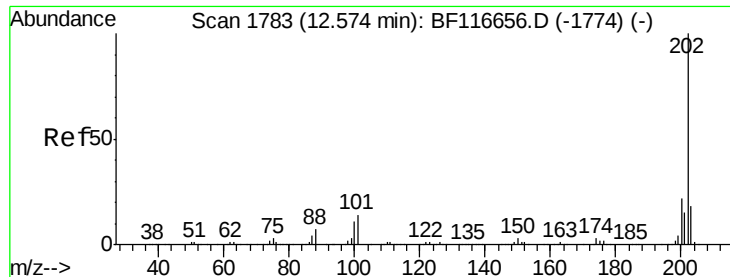
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.6	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 42.270 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 40.070 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

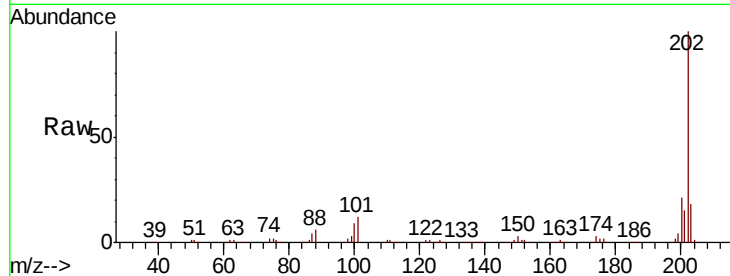
Tot Ion:202 Resp: 621085

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

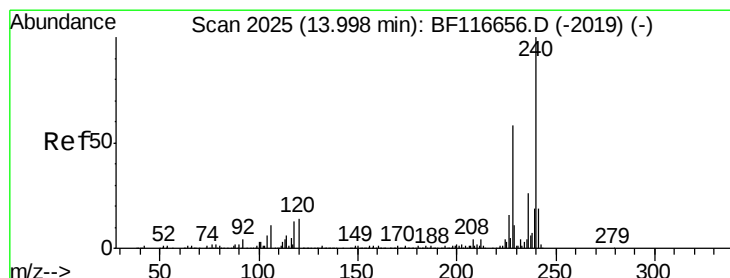
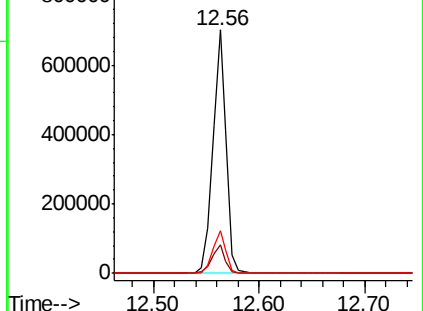
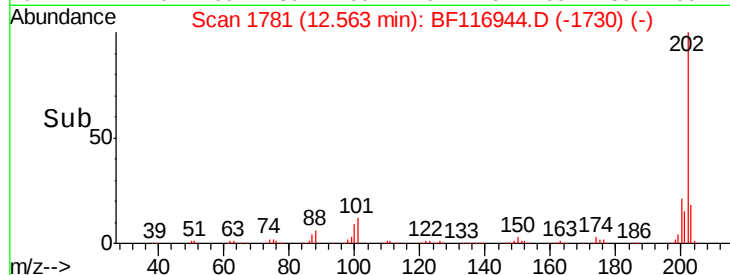
203 17.6 0.0 37.6



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: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

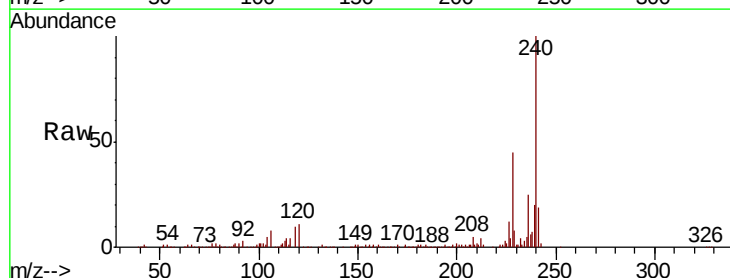
Tgt Ion:240 Resp: 161434

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

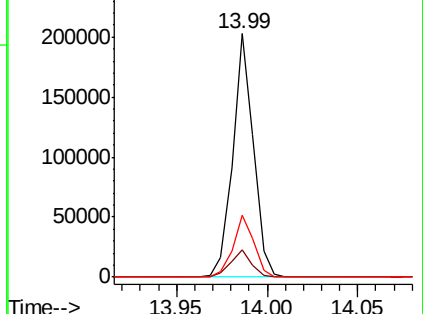
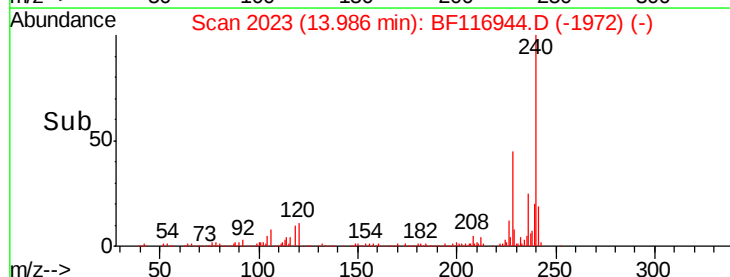
236 25.2 21.1 31.7

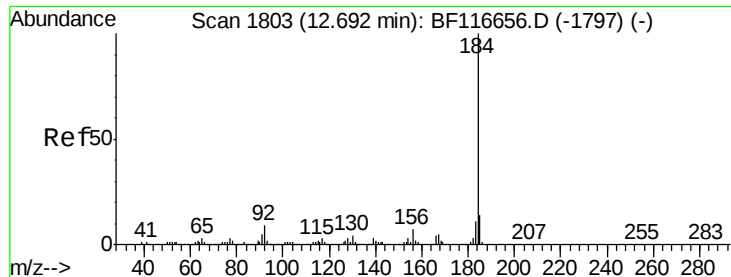


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.886 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

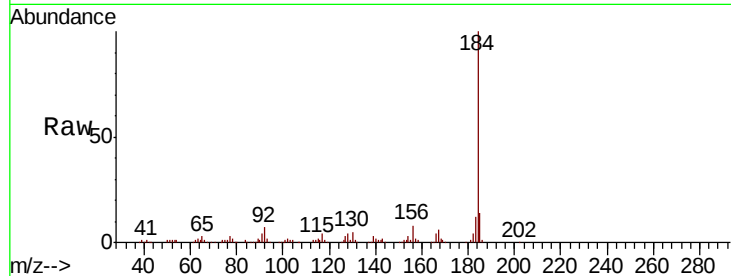
Tot Ion:184 Resp: 246219

Ion Ratio Lower Upper

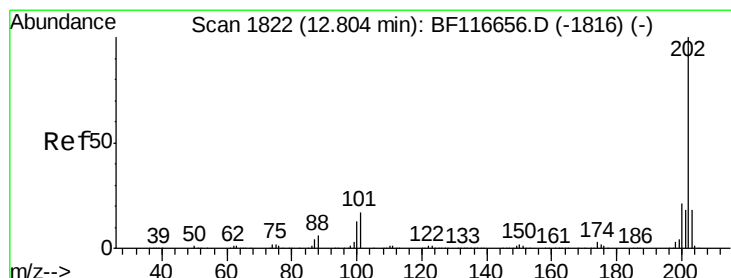
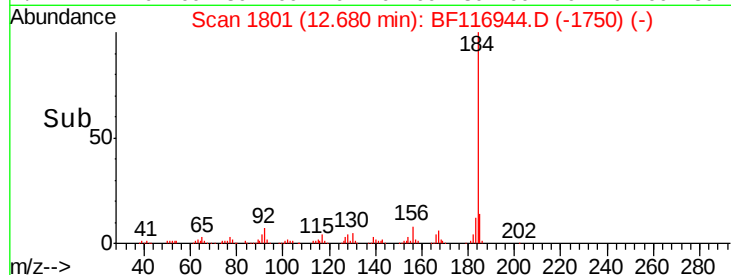
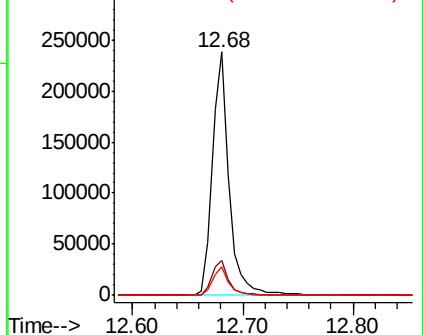
184 100

185 14.3 11.3 16.9

183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.869 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

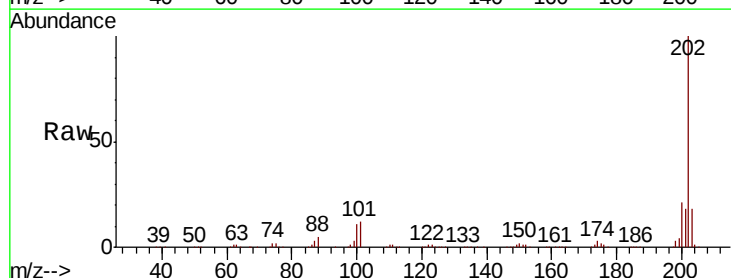
Tgt Ion:202 Resp: 615182

Ion Ratio Lower Upper

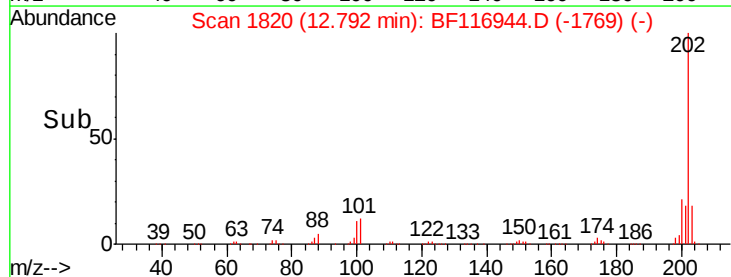
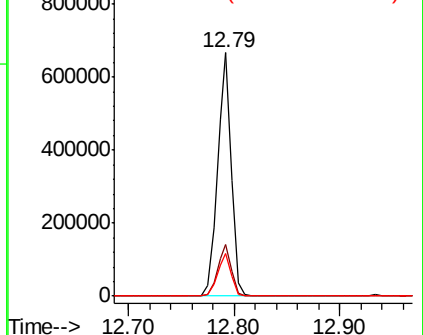
202 100

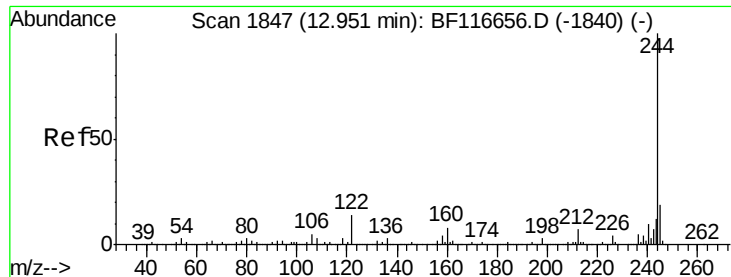
200 21.3 16.5 24.7

203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

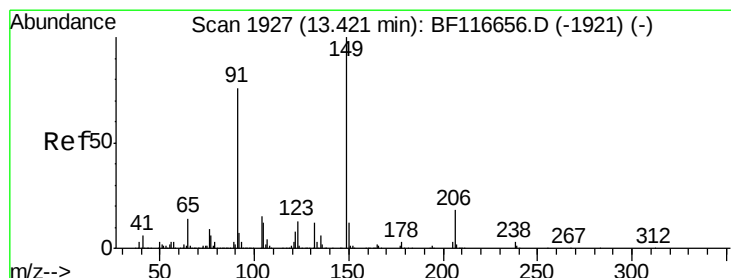
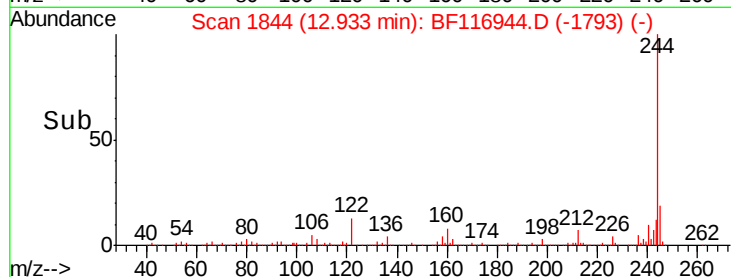
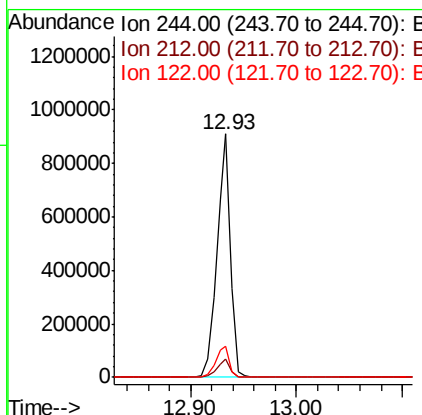
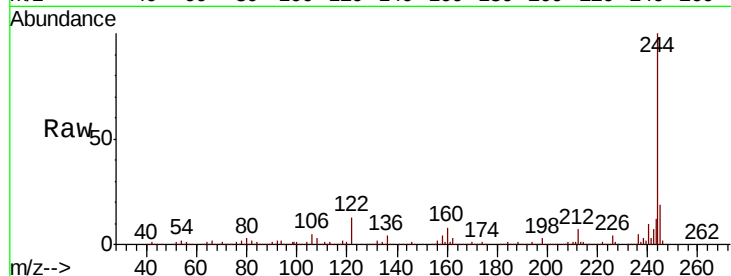




#79
 Terphenyl-d14
 Concen: 93.738 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

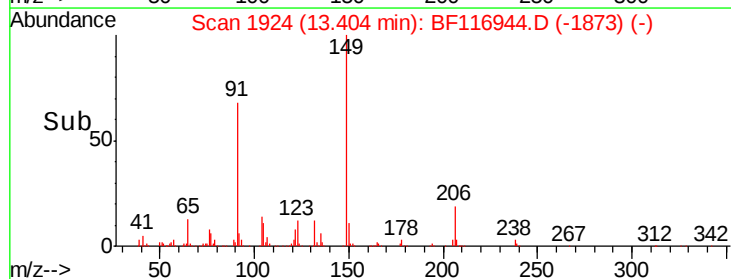
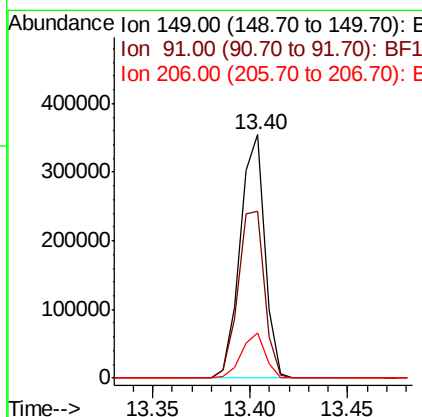
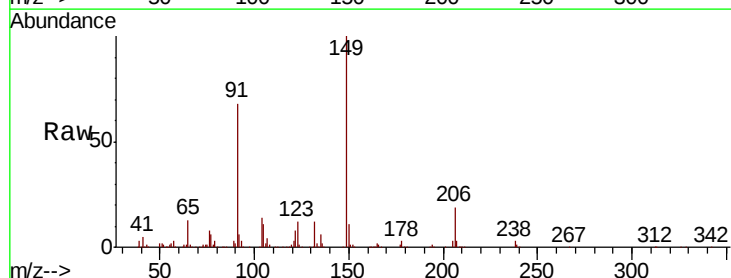
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

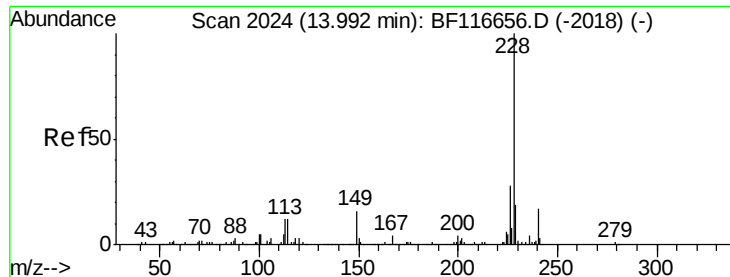
Tot Ion:244 Resp: 818002
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.9 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 44.573 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion:149 Resp: 311058
 Ion Ratio Lower Upper
 149 100
 91 68.4 61.0 91.4
 206 18.6 14.8 22.2

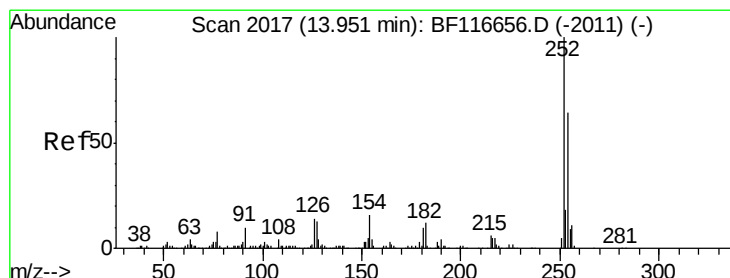
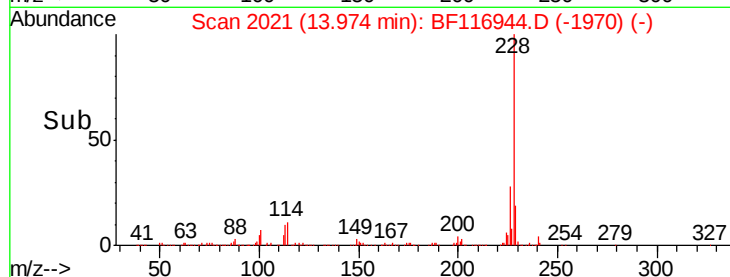
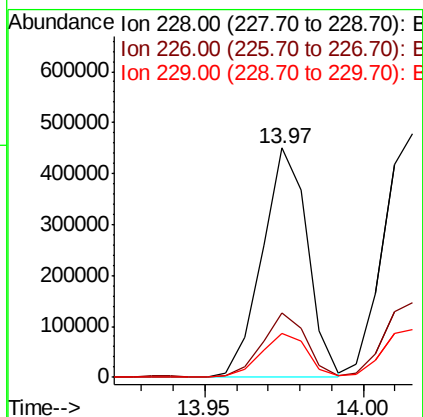
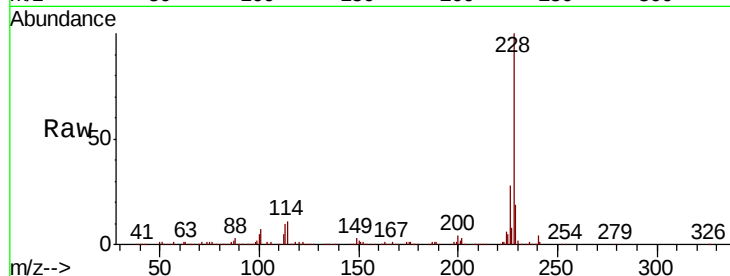




#81
Benzo(a)anthracene
Concen: 43.758 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

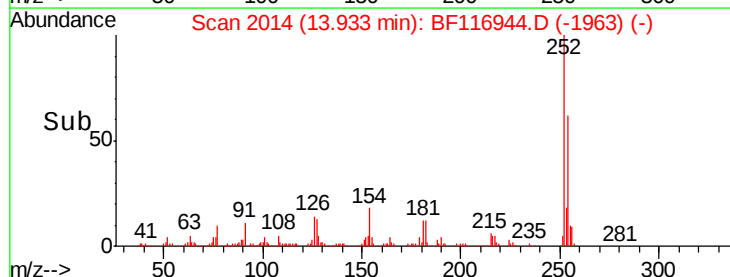
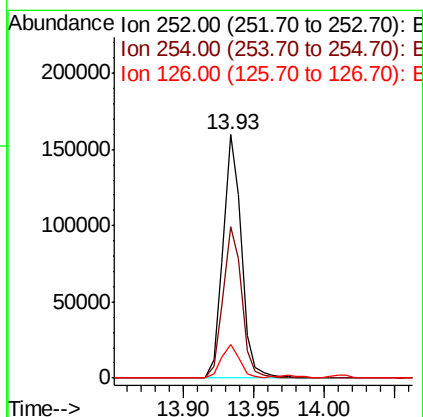
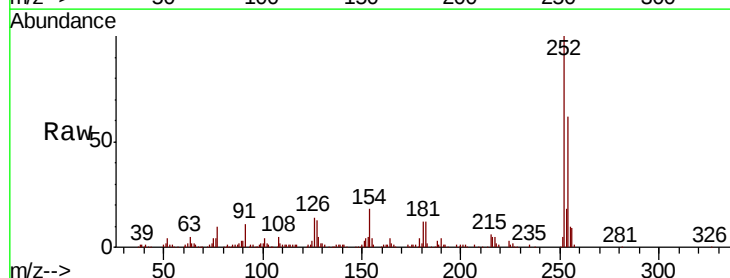
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

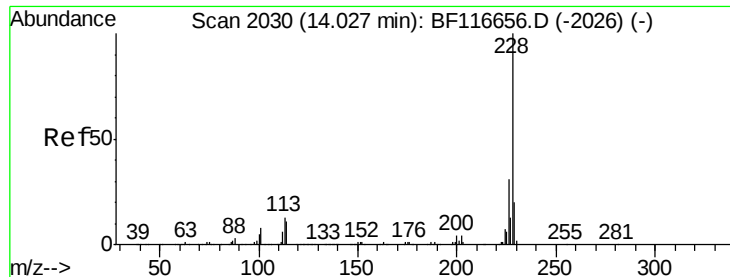
Tot Ion:228 Resp: 447079
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 19.2 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 42.443 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:252 Resp: 146547
Ion Ratio Lower Upper
252 100
254 62.0 50.1 75.1
126 13.9 10.6 16.0

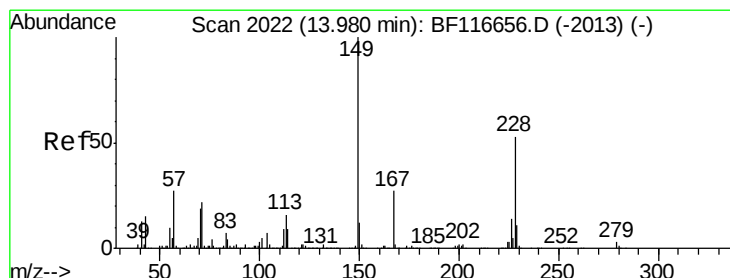
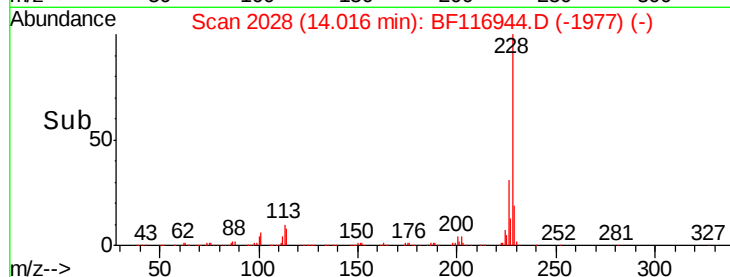
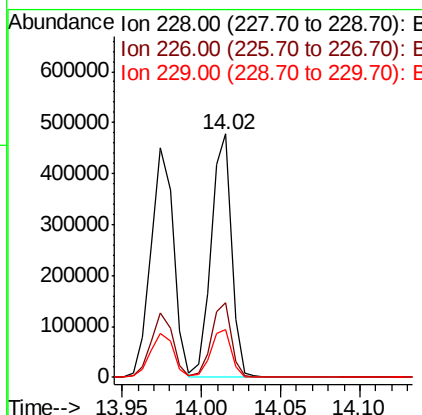
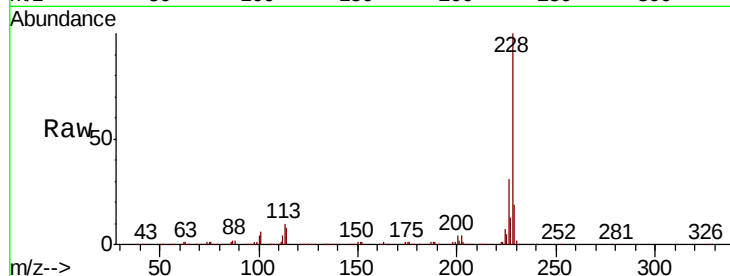




#83
 Chrysene
 Concen: 40.765 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

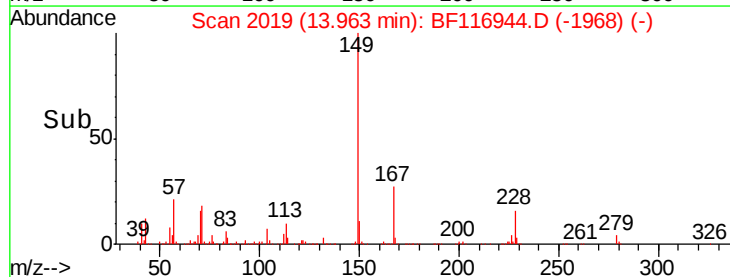
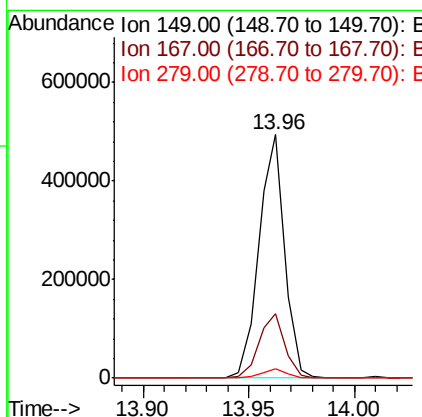
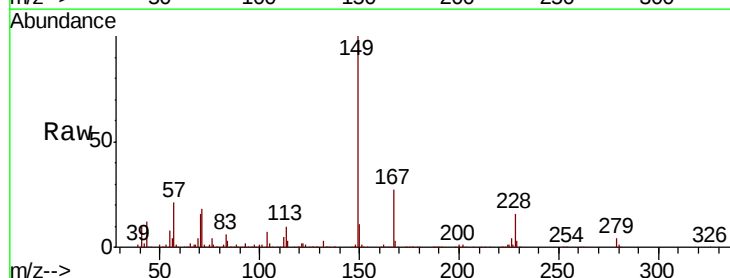
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

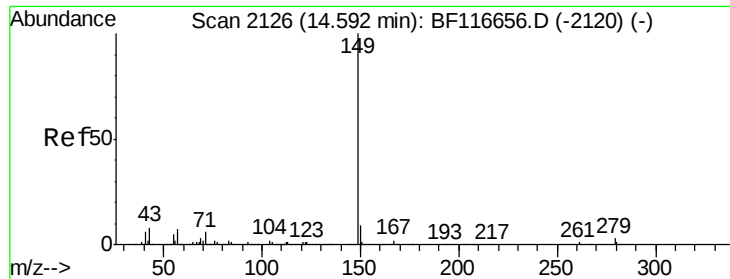
Tot Ion:228 Resp: 429100
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.0 36.0
 229 19.4 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.419 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116944.D
 Acq: 11 Sep 2019 2:33

Tgt Ion:149 Resp: 417102
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.6 2.8 4.2

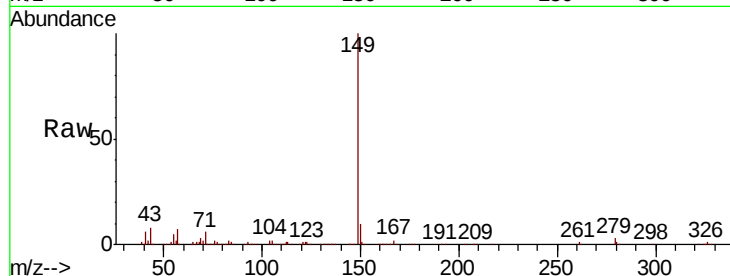




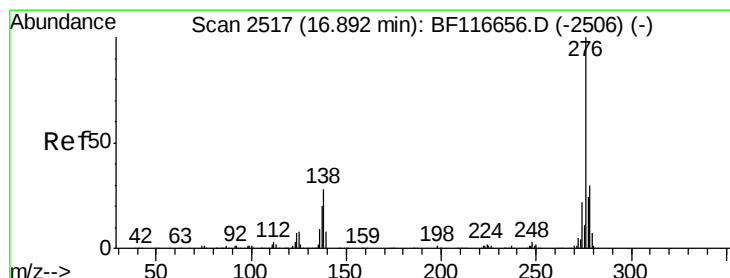
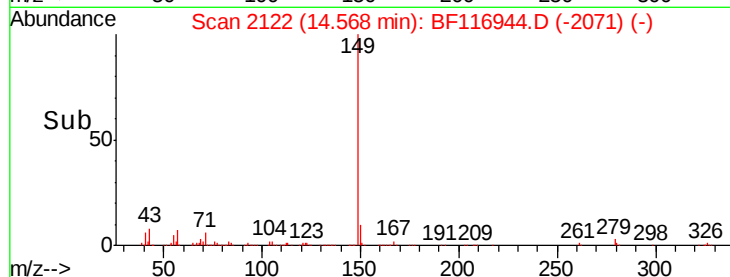
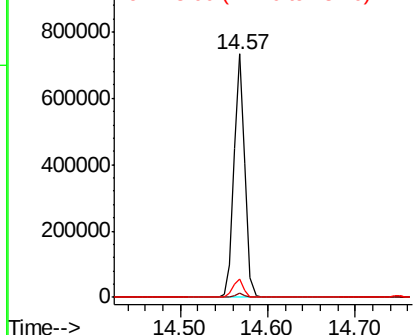
#85
Di-n-octyl phthalate
Concen: 44.806 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.7	7.8	11.8#

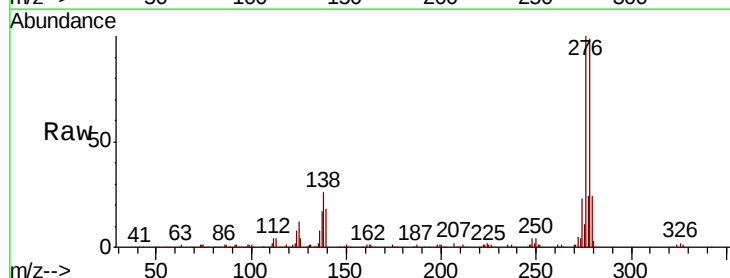


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

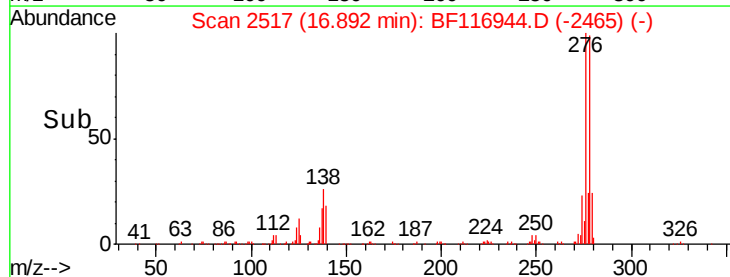
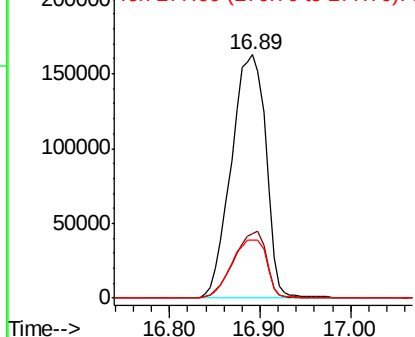


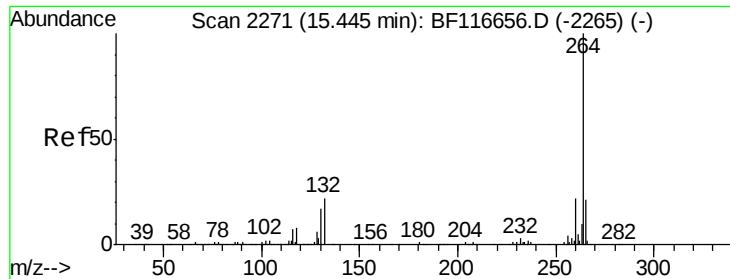
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.047 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.4	29.2
277	24.5	20.5	30.7



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

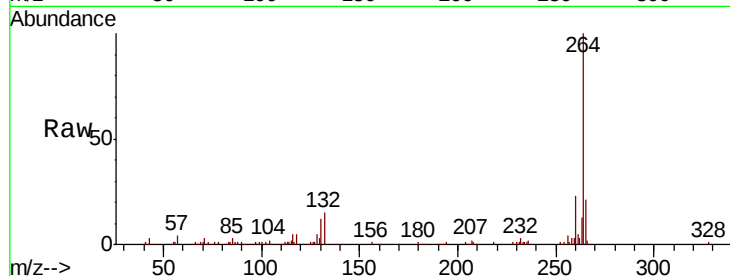




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.4	16.5	24.7

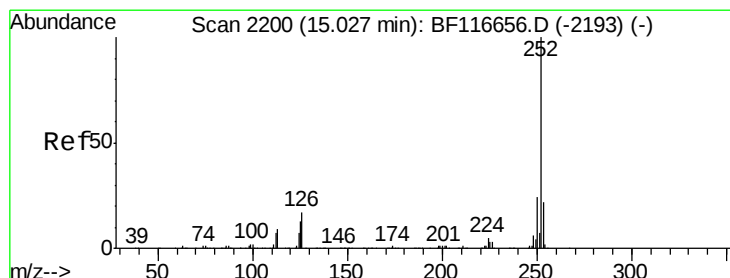
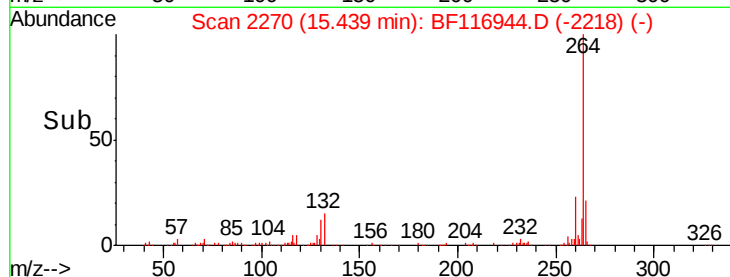
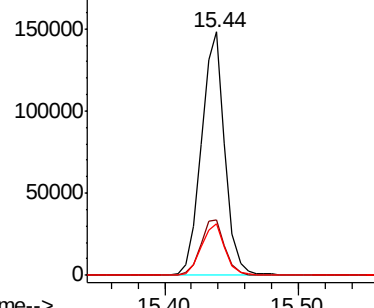


Abundance

Ion 264.00 (263.70 to 264.70): E

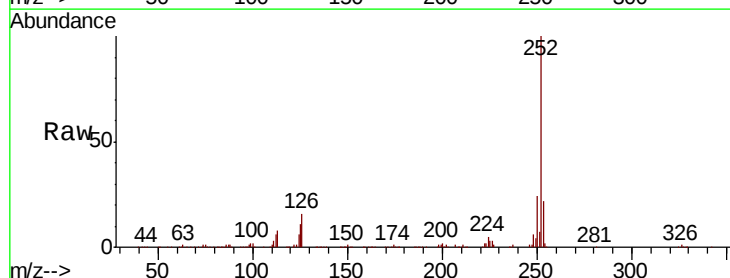
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.455 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.5	8.2	12.2

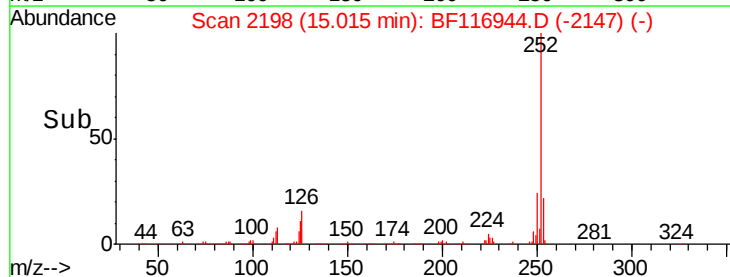
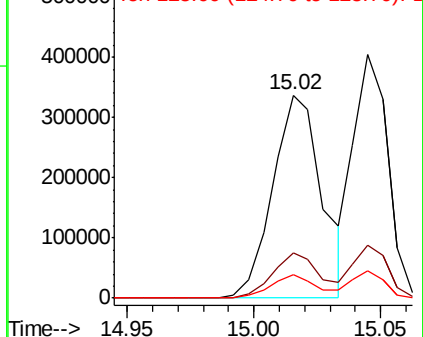


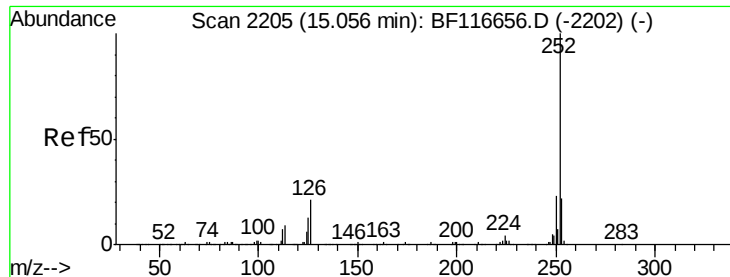
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.553 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

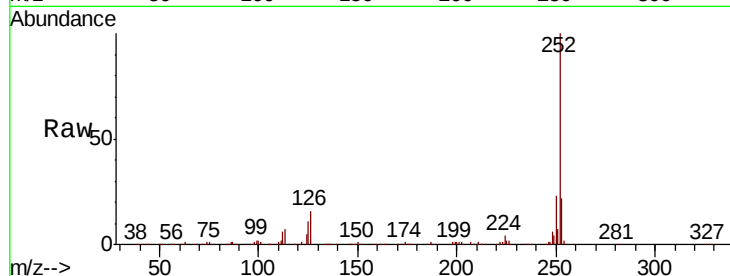
Tot Ion:252 Resp: 387287

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

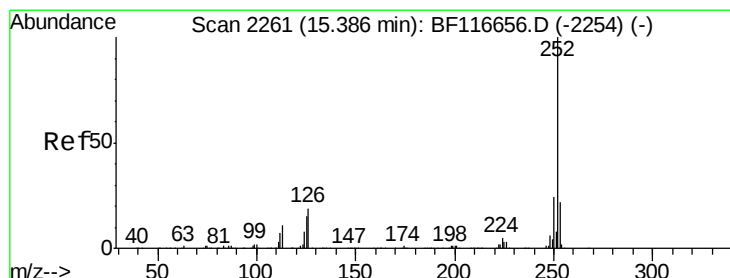
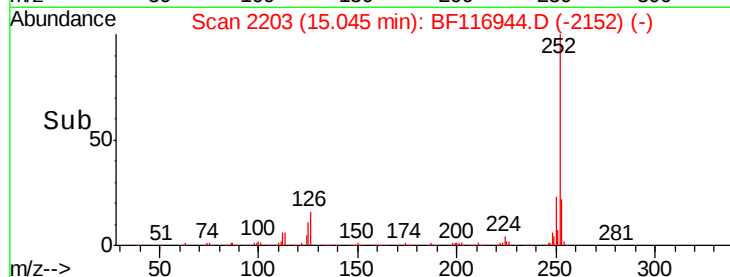
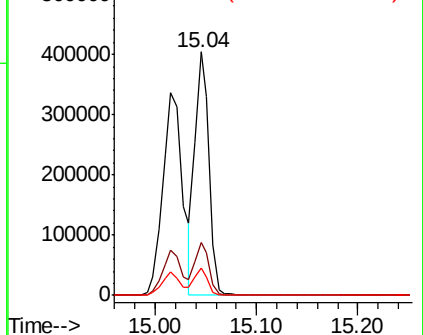
125 11.2 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.315 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF116944.D

Acq: 11 Sep 2019 2:33

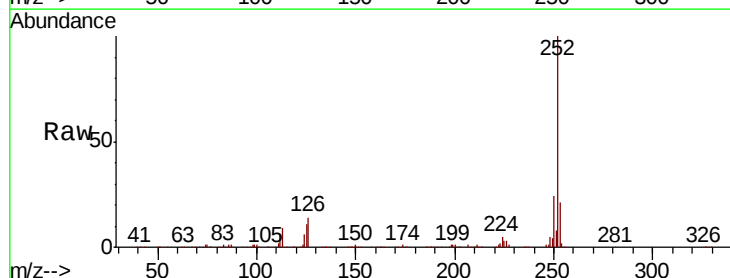
Tgt Ion:252 Resp: 405608

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

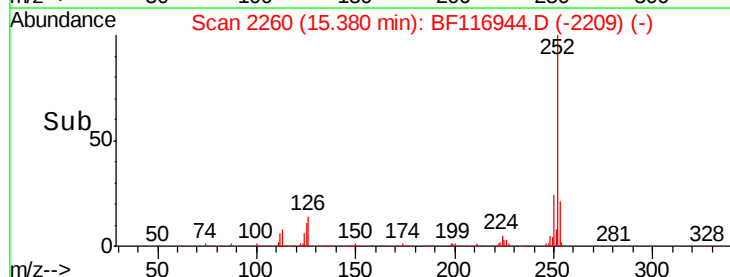
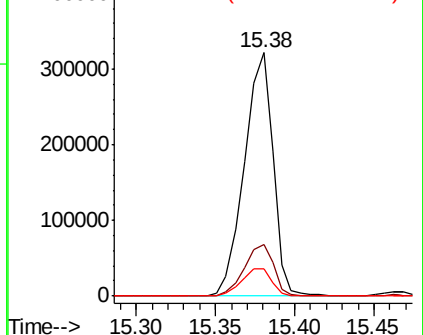
125 11.2 9.8 14.8

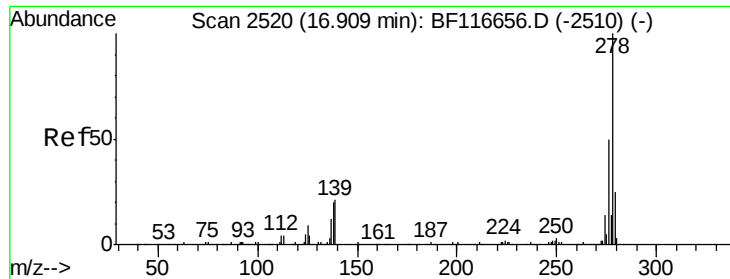


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

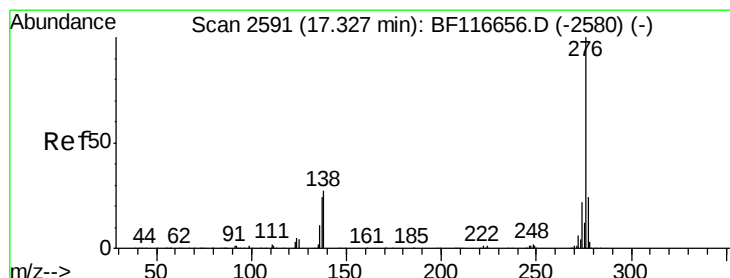
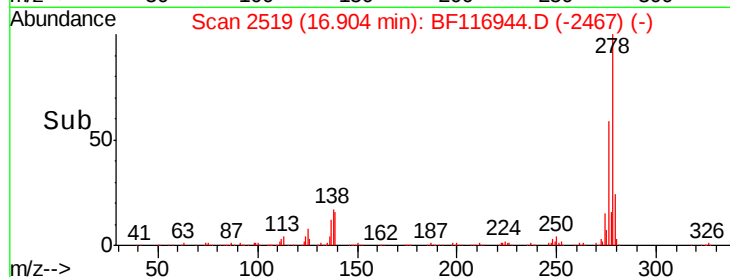
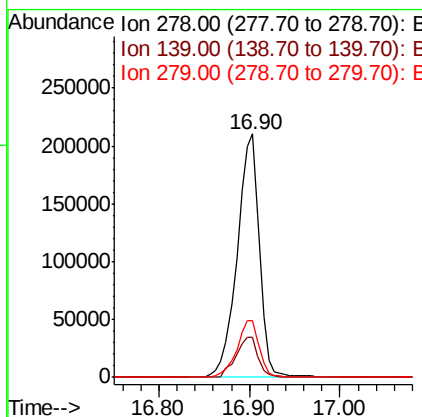
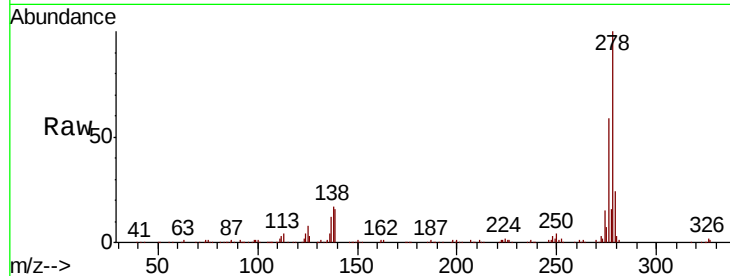




#91
Dibenzo(a,h)anthracene
Concen: 42.897 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 359918
Ion Ratio Lower Upper
278 100
139 16.5 12.4 18.6
279 23.6 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 37.277 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF116944.D
Acq: 11 Sep 2019 2:33

Tgt Ion:276 Resp: 318978
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 23.0 16.2 24.2

