

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116739.D
 Acq On : 1 Sep 2019 13:30
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 05:23:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133350	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	537305	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	263244	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	420909	20.00	ng	0.00
76) Chrysene-d12	13.99	240	277598	20.00	ng	0.00
87) Perylene-d12	15.44	264	256244	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	695420	84.49	ng	0.00
7) Phenol-d6	6.47	99	900763	83.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	826881	87.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	170935	97.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1322232	84.73	ng	0.00
79) Terphenyl-d14	12.94	244	1218180	81.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	161433	42.486	ng	98
3) Pyridine	3.34	79	457301	41.567	ng	95
4) n-Nitrosodimethylamine	3.29	42	148222	39.234	ng	78
6) Aniline	6.51	93	603311	40.301	ng	98
8) 2-Chlorophenol	6.63	128	375908	41.835	ng	96
9) Benzaldehyde	6.39	77	275113	38.635	ng	98
10) Phenol	6.49	94	505553	42.240	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	380863	40.869	ng	98
12) 1,3-Dichlorobenzene	6.79	146	420513	41.407	ng	96
13) 1,4-Dichlorobenzene	6.87	146	418885	41.430	ng	99
14) 1,2-Dichlorobenzene	7.02	146	392043	41.842	ng	98
15) Benzyl Alcohol	6.99	79	350375	39.935	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	435080	39.792	ng	98
17) 2-Methylphenol	7.10	107	314269	39.953	ng	96
18) Hexachloroethane	7.36	117	160642	40.895	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	278167	39.087	ng	90
20) 3+4-Methylphenols	7.25	107	379889	41.537	ng	# 83
22) Acetophenone	7.26	105	531323	41.074	ng	# 90
24) Nitrobenzene	7.43	77	418380	43.707	ng	94
25) Isophorone	7.67	82	743450	38.981	ng	98
26) 2-Nitrophenol	7.75	139	180474	50.711	ng	91
27) 2,4-Dimethylphenol	7.78	122	296432	41.243	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	473662	40.641	ng	100
29) 2,4-Dichlorophenol	7.99	162	296217	42.885	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	310603	41.459	ng	97
31) Naphthalene	8.15	128	1065303	41.696	ng	99
32) Benzoic acid	7.89	122	178904	44.084	ng	96
33) 4-Chloroaniline	8.20	127	469490	40.369	ng	96
34) Hexachlorobutadiene	8.27	225	168525	41.255	ng	97
35) Caprolactam	8.56	113	102415	39.619	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	334337	42.114	ng	97
37) 2-Methylnaphthalene	8.84	142	697516	41.032	ng	97
38) 1-Methylnaphthalene	8.94	142	663592	41.352	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	272920	43.249	ng	98

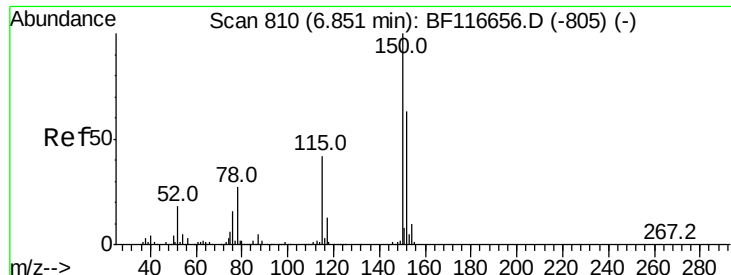
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116739.D
 Acq On : 1 Sep 2019 13:30
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	152897	41.958	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	195745	45.251	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	204734	45.588	ng	97
46) 1,1'-Biphenyl	9.30	154	850698	42.588	ng	98
47) 2-Chloronaphthalene	9.33	162	672873	42.530	ng	99
48) 2-Nitroaniline	9.42	65	219169	47.917	ng	96
49) Acenaphthylene	9.75	152	1010489	42.252	ng	100
50) Dimethylphthalate	9.60	163	750555	41.298	ng	99
51) 2,6-Dinitrotoluene	9.66	165	161800	46.662	ng	95
52) Acenaphthene	9.92	154	630281	42.892	ng	100
53) 3-Nitroaniline	9.83	138	206297	47.474	ng	90
54) 2,4-Dinitrophenol	9.93	184	62899	54.385	ng	# 89
55) Dibenzofuran	10.09	168	877060	42.339	ng	98
56) 4-Nitrophenol	9.98	139	147168	49.392	ng	86
57) 2,4-Dinitrotoluene	10.06	165	216932	51.164	ng	96
58) Fluorene	10.43	166	671394	42.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	153426	47.337	ng	98
60) Diethylphthalate	10.30	149	761437	41.825	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	296597	42.911	ng	98
62) 4-Nitroaniline	10.44	138	199645	47.341	ng	90
63) Azobenzene	10.58	77	780461	41.114	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	83382	52.890	ng	76
66) n-Nitrosodiphenylamine	10.54	169	605769	41.603	ng	97
67) 4-Bromophenyl-phenylether	10.91	248	180975	42.325	ng	96
68) Hexachlorobenzene	10.98	284	188470	42.129	ng	100
69) Atrazine	11.06	200	173683	42.590	ng	95
70) Pentachlorophenol	11.17	266	105424	48.714	ng	99
71) Phenanthrene	11.39	178	972549	41.508	ng	99
72) Anthracene	11.44	178	981058	41.595	ng	100
73) Carbazole	11.59	167	939519	41.817	ng	99
74) Di-n-butylphthalate	11.92	149	1201622	41.720	ng	99
75) Fluoranthene	12.57	202	970806	42.161	ng	99
77) Benzidine	12.69	184	470669	43.228	ng	99
78) Pyrene	12.80	202	994370	40.296	ng	98
80) Butylbenzylphthalate	13.42	149	491240	40.936	ng	96
81) Benzo(a)anthracene	13.99	228	722777	41.139	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	252171	42.472	ng	96
83) Chrysene	14.02	228	747324	41.288	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	625346	42.215	ng	99
85) Di-n-octyl phthalate	14.58	149	1046630	43.175	ng	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	604200	41.558	ng	# 92
88) Benzo(b)fluoranthene	15.05	252	616551	39.798	ng	97
89) Benzo(k)fluoranthene	15.05	252	616551	43.649	ng	98
90) Benzo(a)pyrene	15.38	252	567959	42.139	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	490941	41.613	ng	# 96
92) Benzo(g,h,i)perylene	17.32	276	486403	40.425	ng	# 90

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

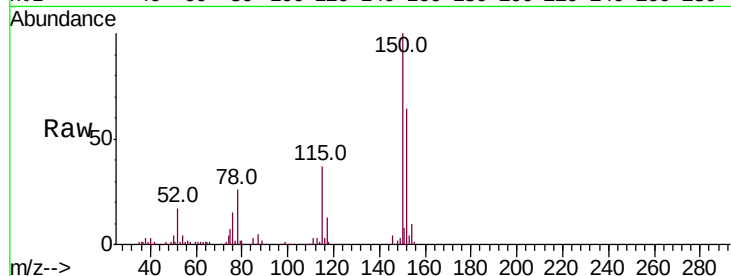


#1

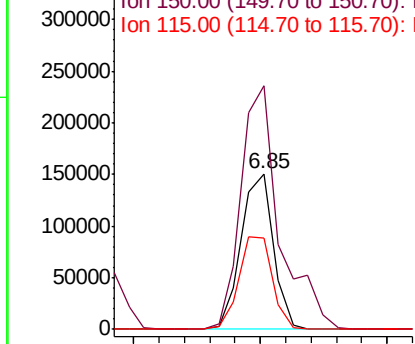
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

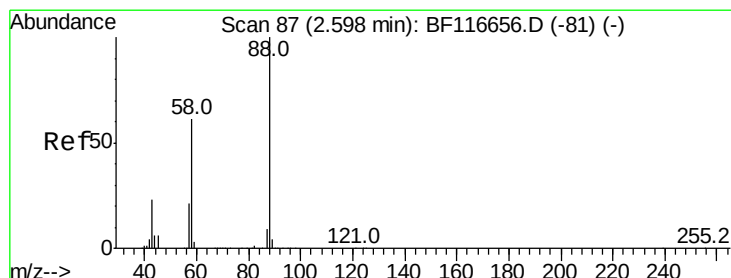
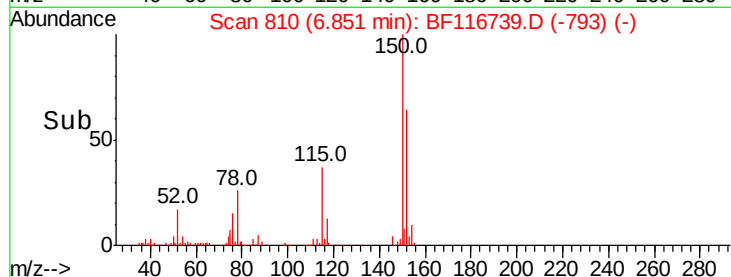
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.4	186.6
115	58.4	49.9	74.9



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



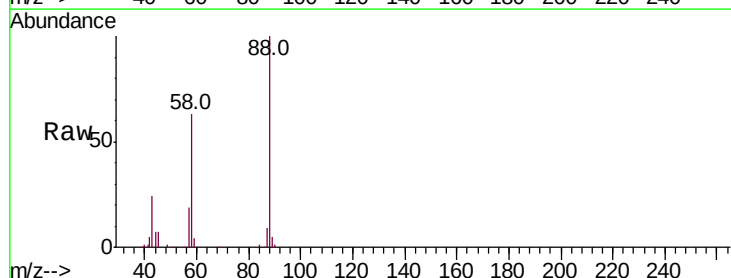
Time--> 6.80 6.85 6.90



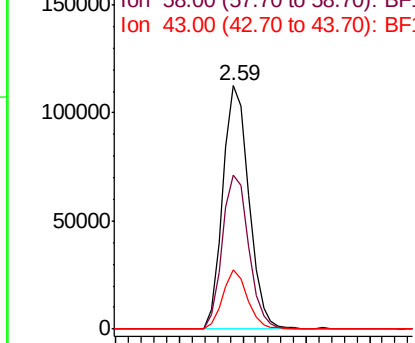
#2

1,4-Dioxane
Concen: 42.486 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

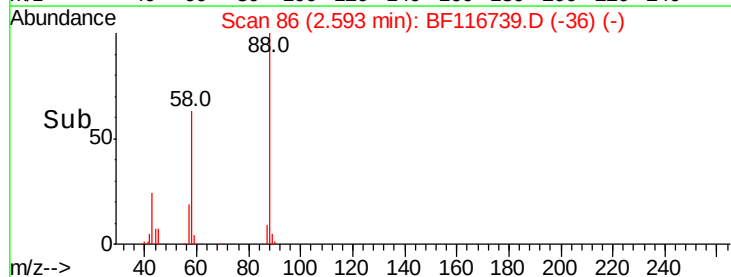
Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	51.7	77.5
43	23.0	19.8	29.8

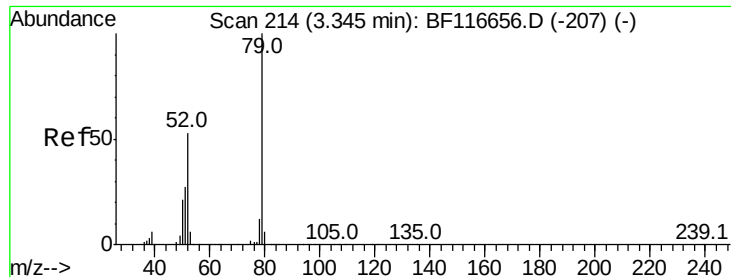


Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



Time--> 2.50 2.55 2.60 2.65 2.70





#3

Pvridine

Concen: 41.567 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

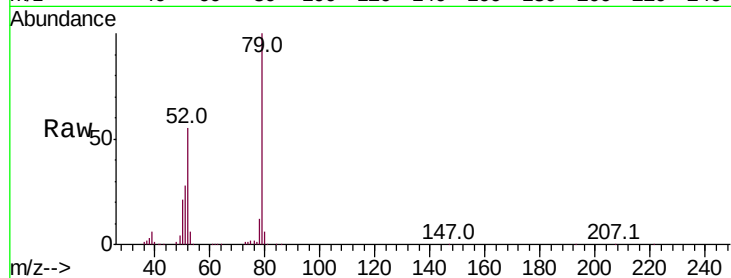
Tot Ion: 79 Resp: 457301

Ion Ratio Lower Upper

79 100

52 55.1 47.4 71.0

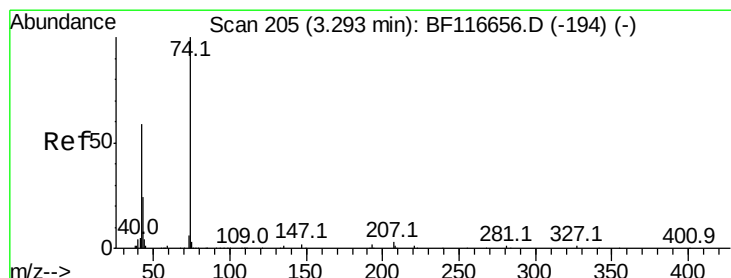
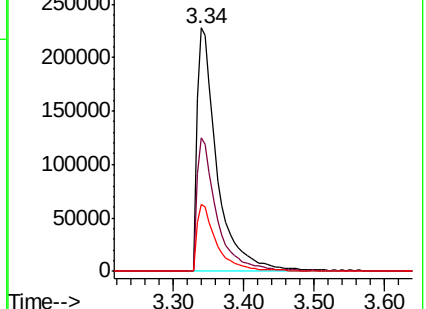
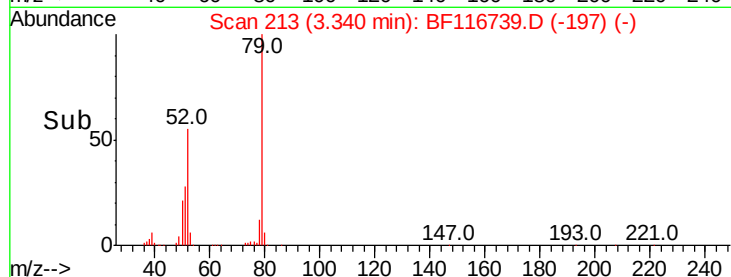
51 27.5 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.234 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

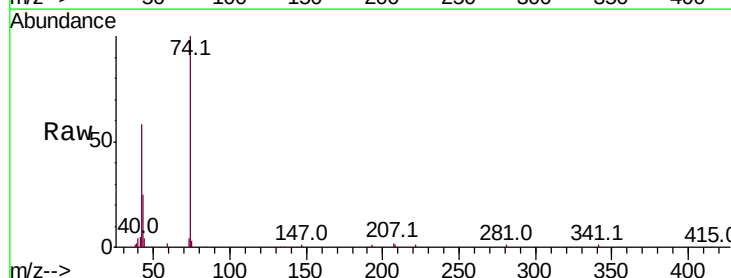
Tgt Ion: 42 Resp: 148222

Ion Ratio Lower Upper

42 100

74 173.3 115.6 173.4

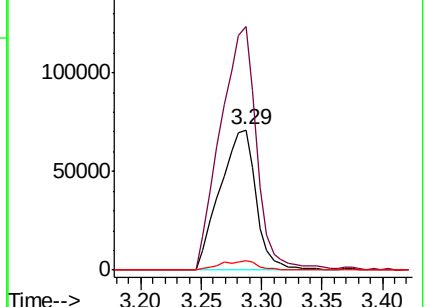
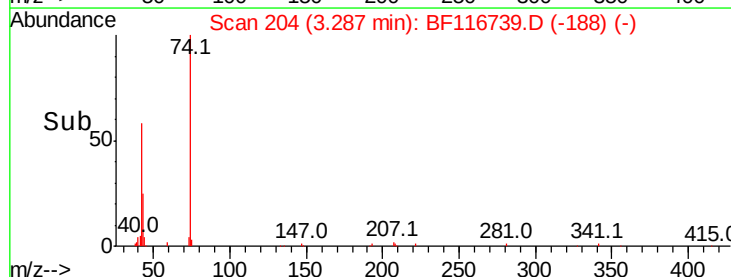
44 6.8 4.6 7.0

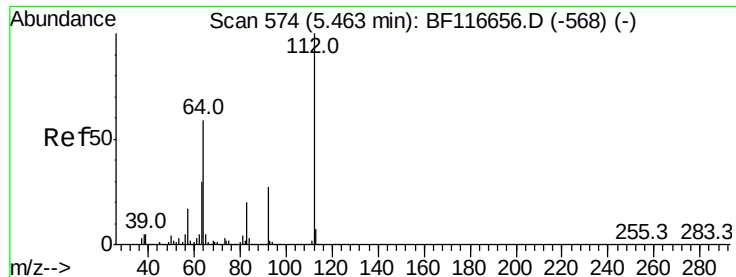


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.486 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

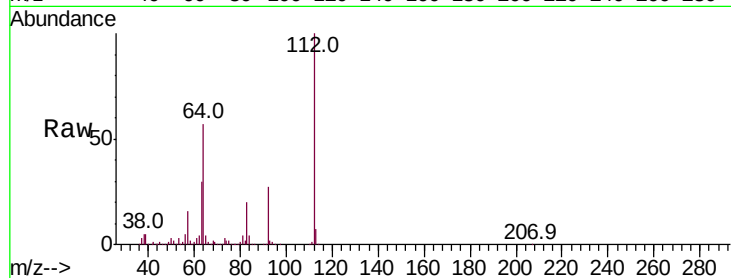
Tot Ion:112 Resp: 695420

Ion Ratio Lower Upper

112 100

64 57.0 47.1 70.7

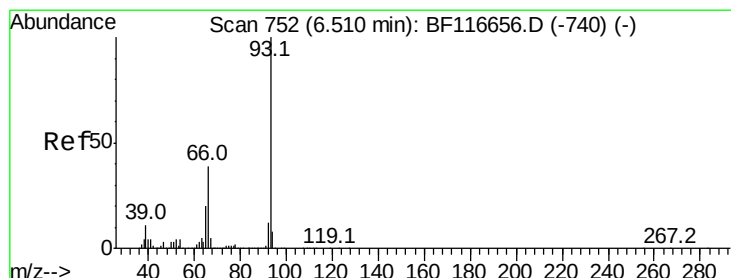
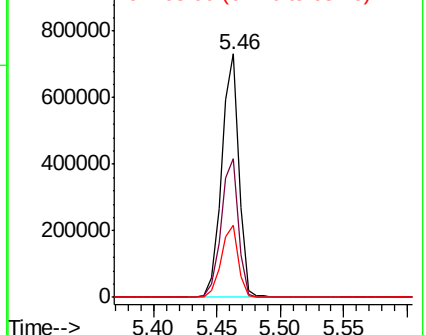
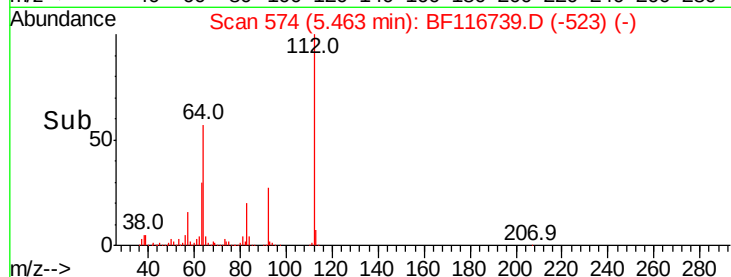
63 29.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.301 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

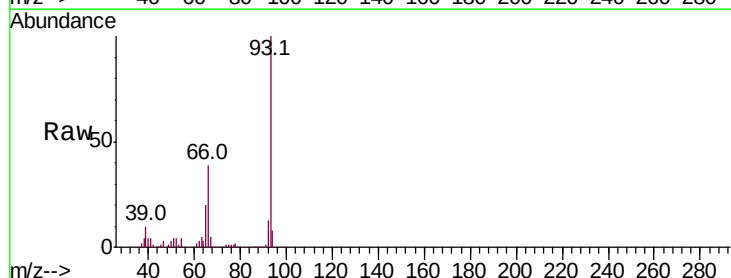
Tgt Ion: 93 Resp: 603311

Ion Ratio Lower Upper

93 100

66 39.4 32.7 49.1

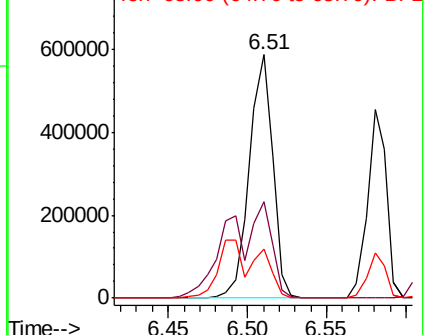
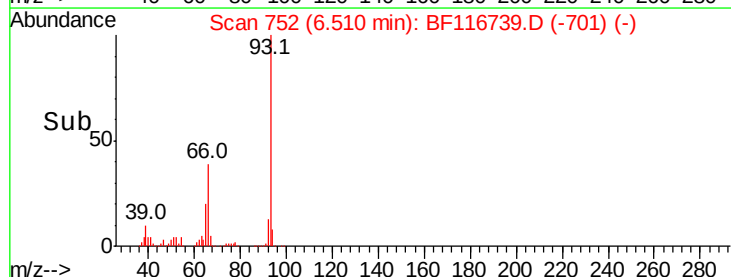
65 20.1 16.3 24.5

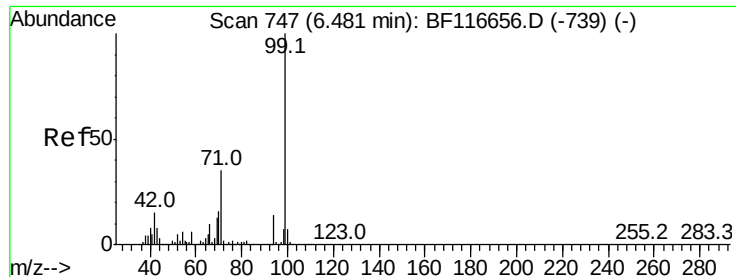


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.339 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

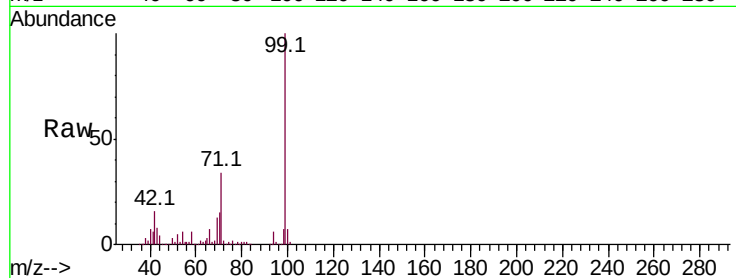
Tot Ion: 99 Resp: 900763

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

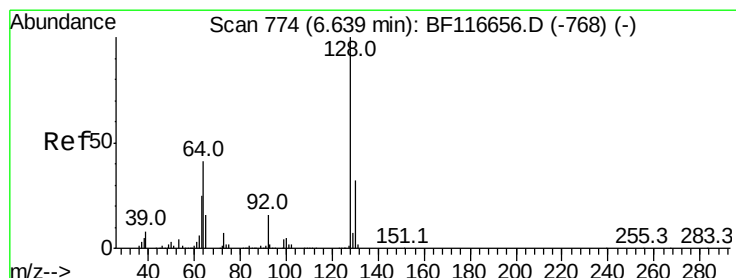
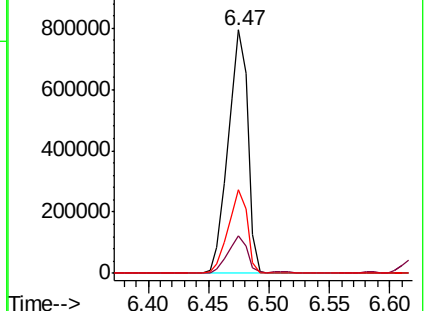
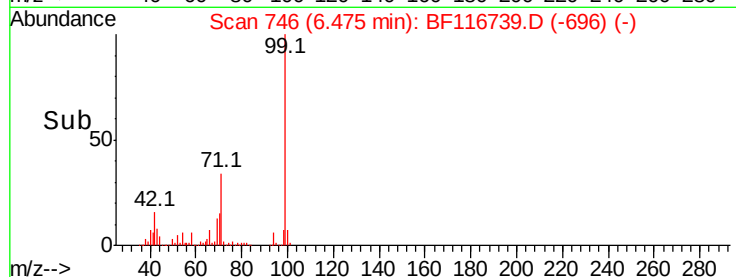
71 34.2 30.8 46.2



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: 41.835 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

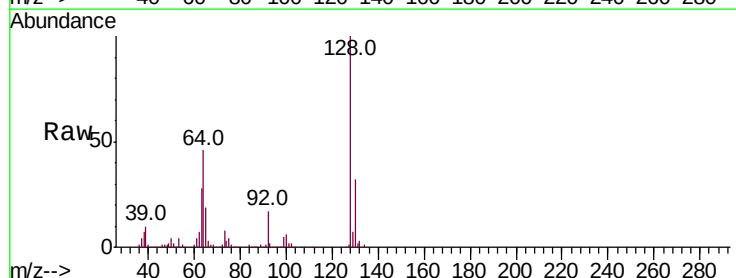
Tgt Ion: 128 Resp: 375908

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

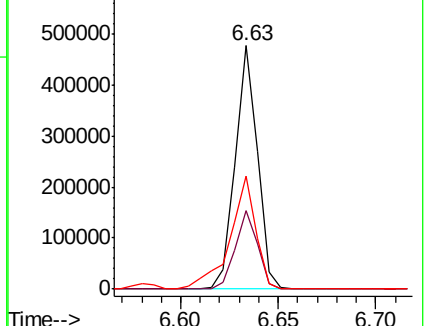
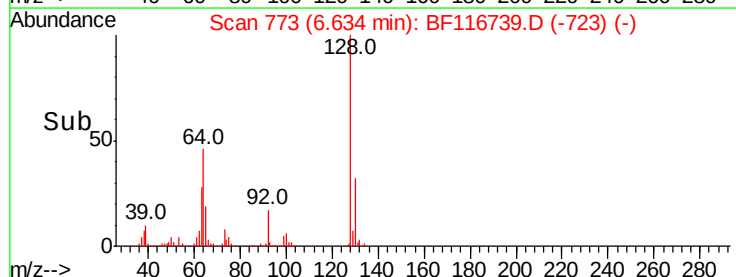
64 46.4 22.5 62.5

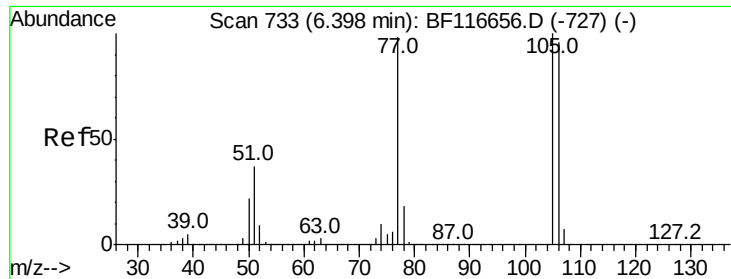


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.635 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

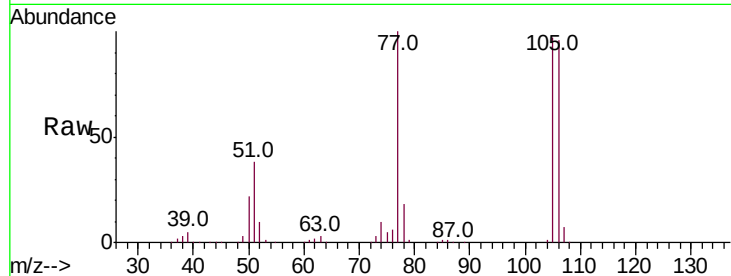
Tot Ion: 77 Resp: 275113

Ion Ratio Lower Upper

77 100

105 97.5 76.7 116.7

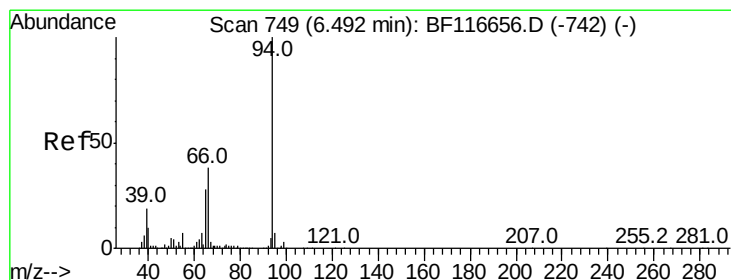
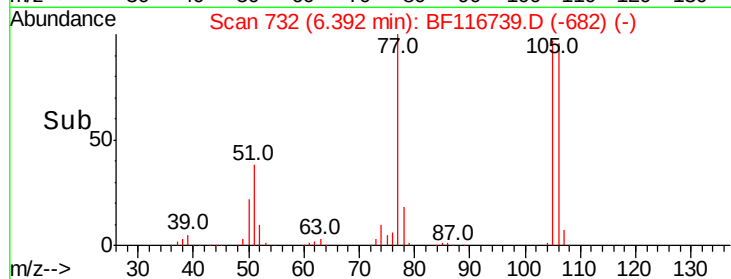
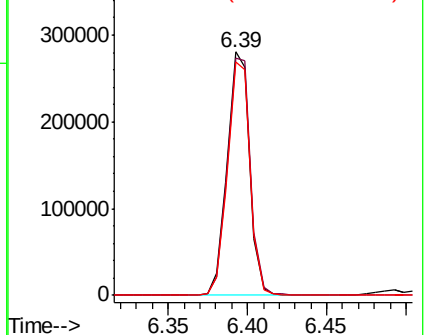
106 95.8 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.240 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

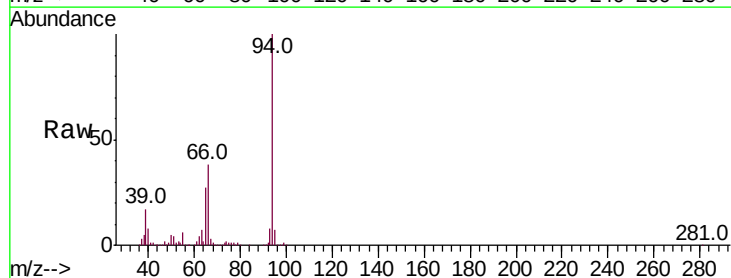
Tgt Ion: 94 Resp: 505553

Ion Ratio Lower Upper

94 100

65 26.9 10.8 50.8

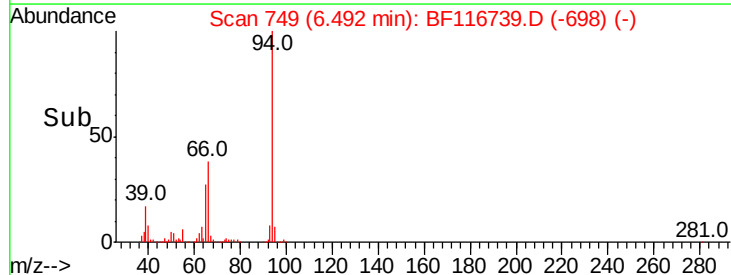
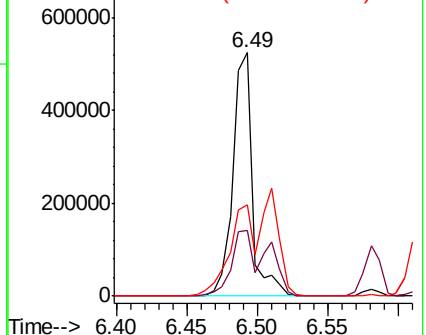
66 37.7 21.1 61.1

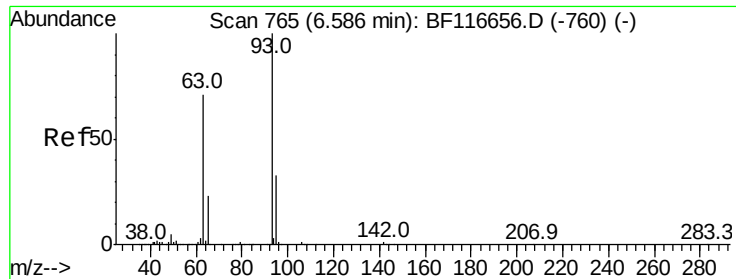


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.869 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

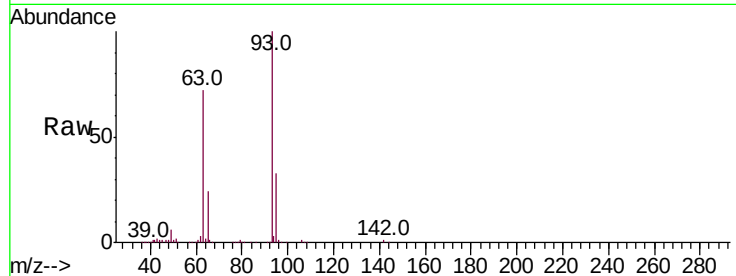
Tot Ion: 93 Resp: 380863

Ion Ratio Lower Upper

93 100

63 71.7 49.9 89.9

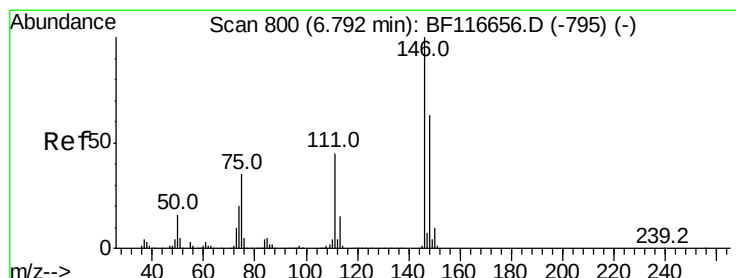
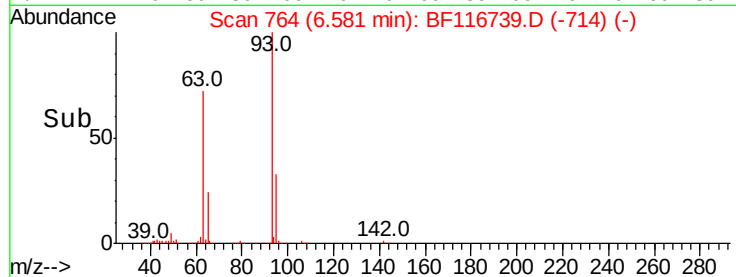
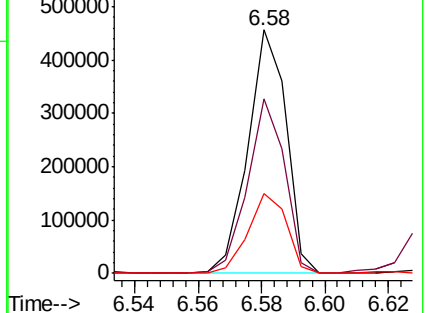
95 32.6 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.407 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

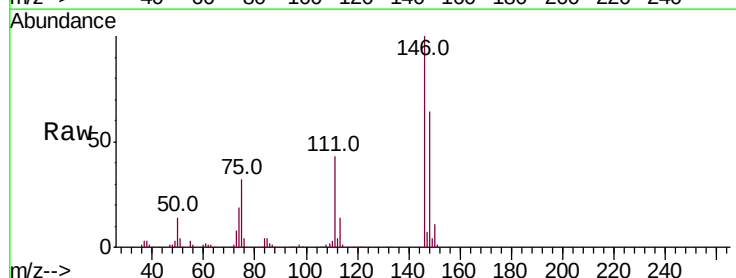
Tgt Ion: 146 Resp: 420513

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

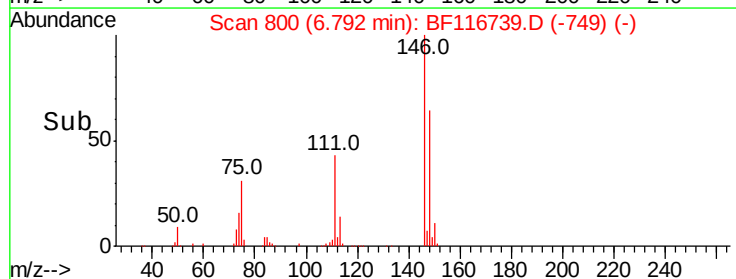
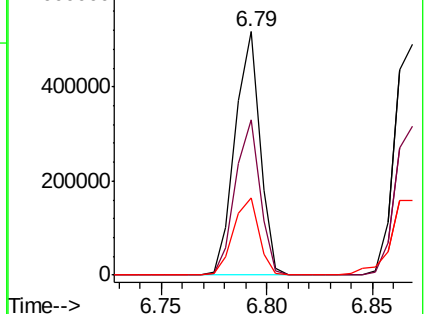
75 31.7 29.6 44.4

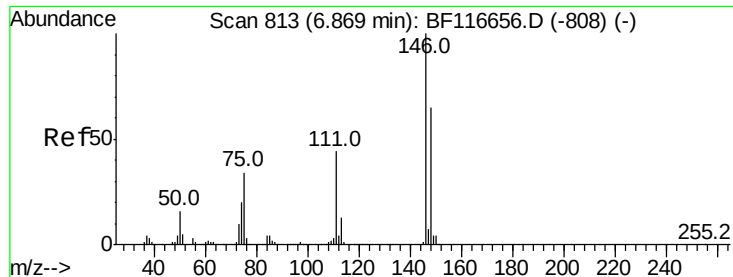


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

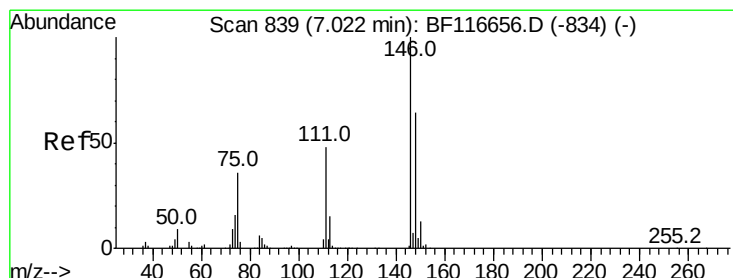
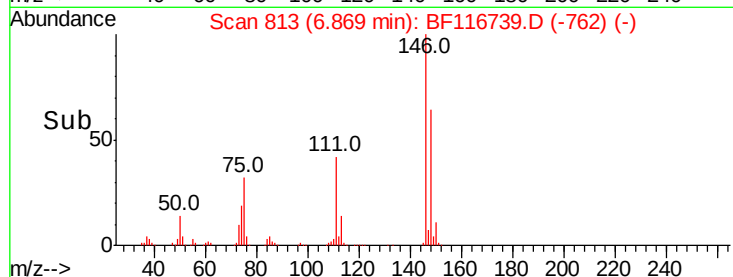
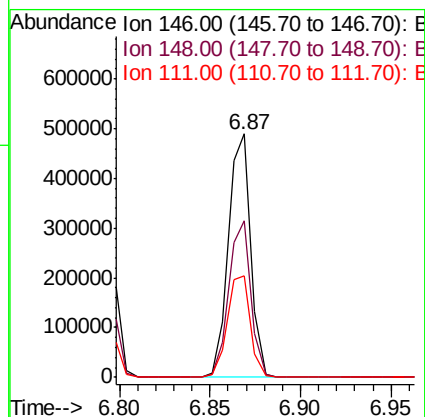
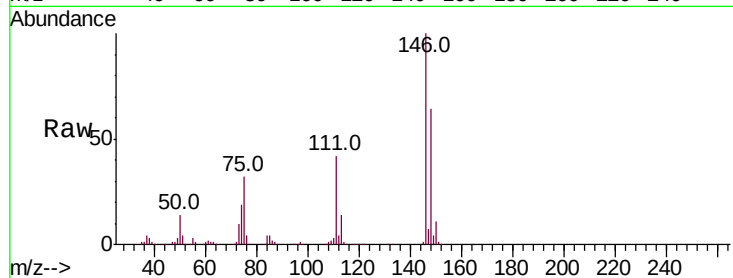




#13
 1,4-Dichlorobenzene
 Concen: 41.430 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

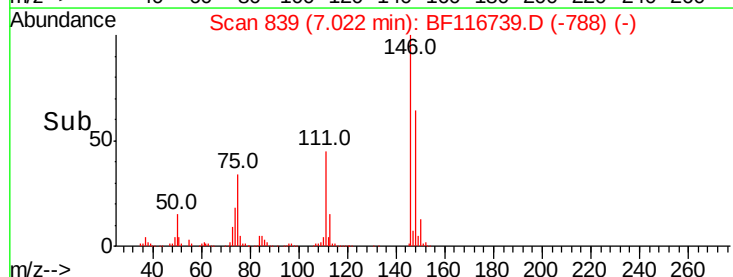
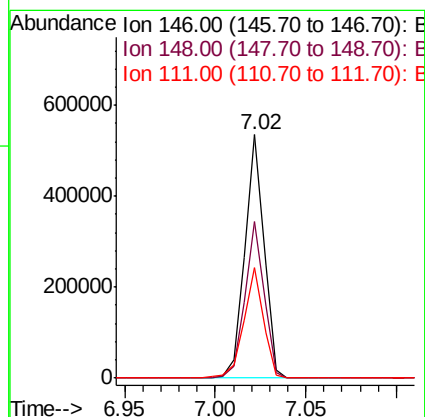
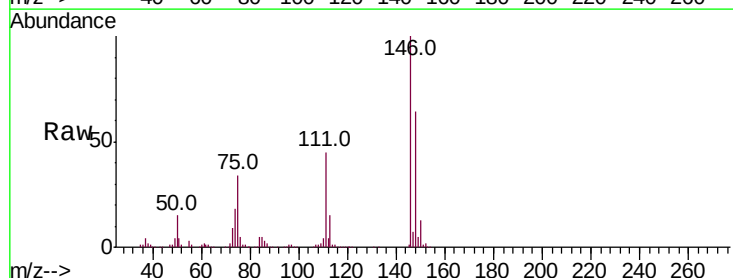
Instrument :
 BNA_F
 ClientSampleId :

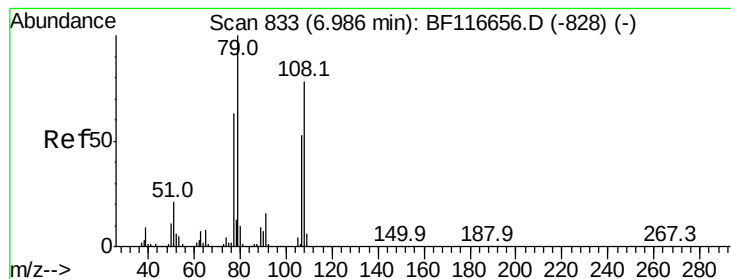
Tot Ion:146 Resp: 418885
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.2
 111 41.9 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.842 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Tgt Ion:146 Resp: 392043
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.6 78.8
 111 45.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 39.935 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampled :

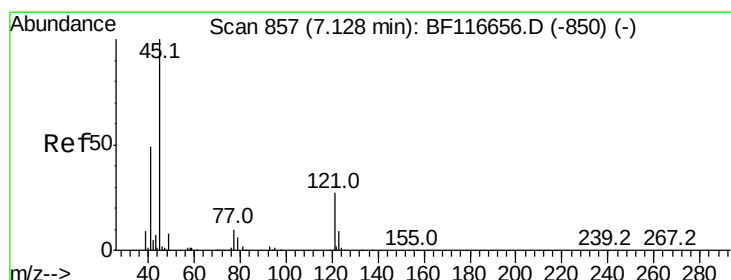
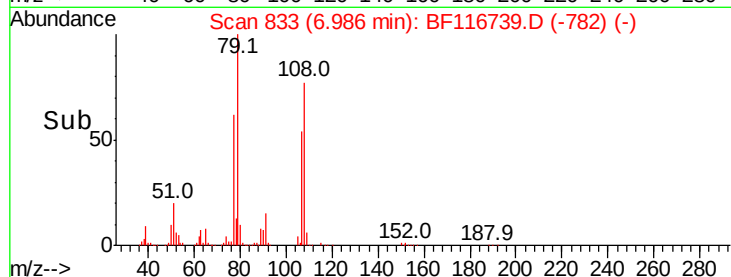
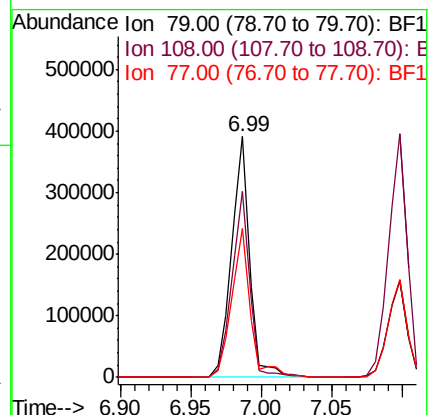
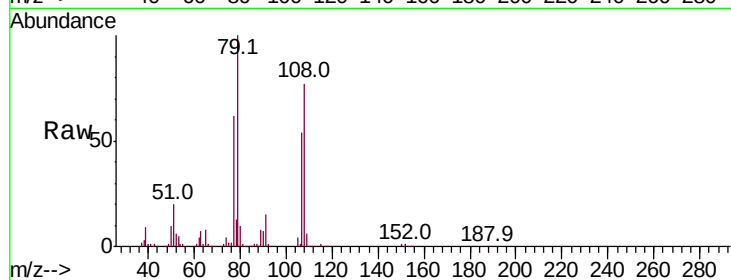
Tot Ion: 79 Resp: 350375

Ion Ratio Lower Upper

79 100

108 77.3 59.2 88.8

77 61.8 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.792 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

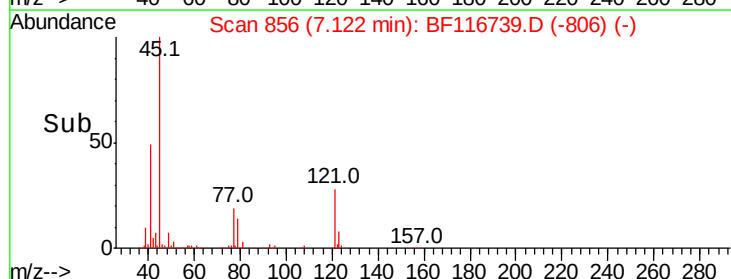
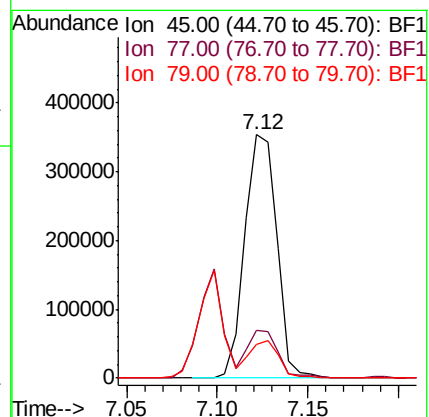
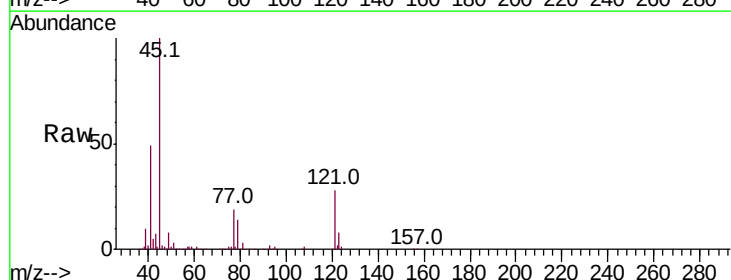
Tgt Ion: 45 Resp: 435080

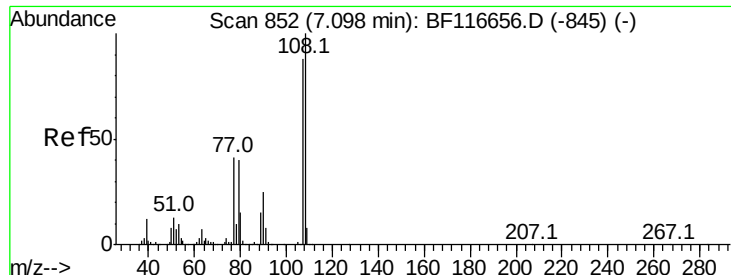
Ion Ratio Lower Upper

45 100

77 19.4 0.0 38.2

79 13.9 0.0 33.9

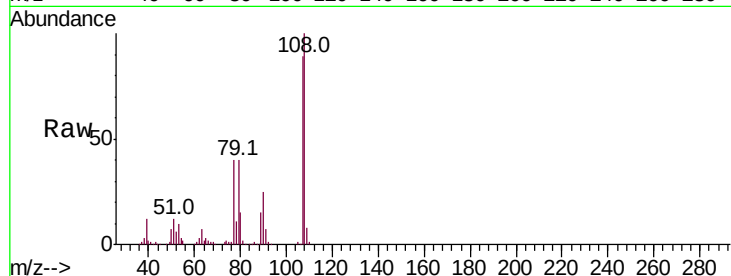




#17
2-Methylphenol
Concen: 39.953 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	314269
Ion	Ratio	Lower	Upper
107	100		
108	112.4	88.3	132.5
77	45.3	39.9	59.9
79	44.7	39.8	59.8



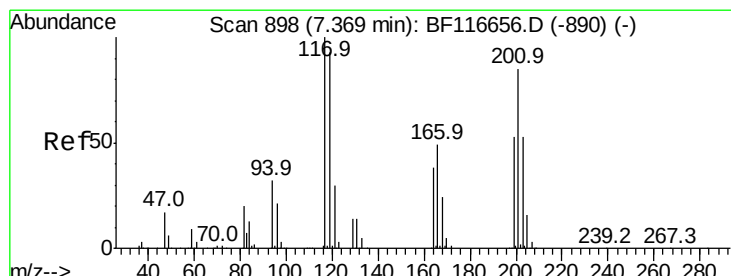
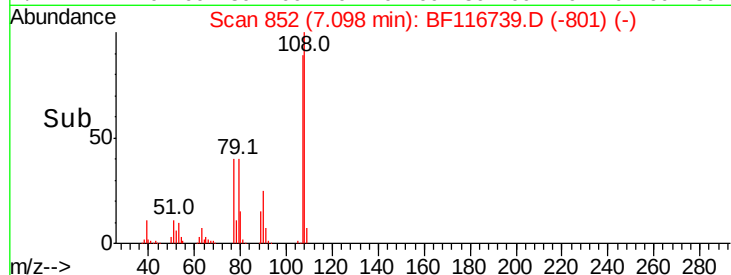
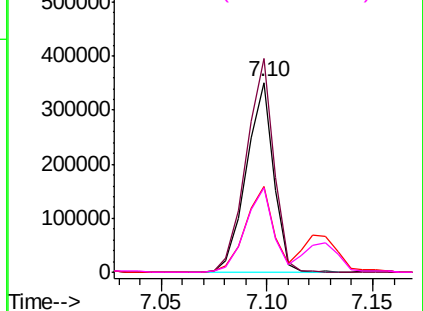
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

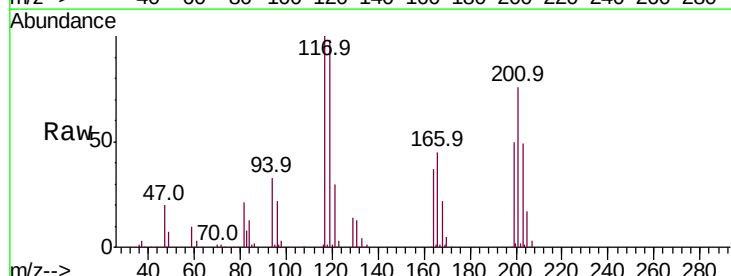
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.895 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:	117	Resp:	160642
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	76.4	79.4	119.0#

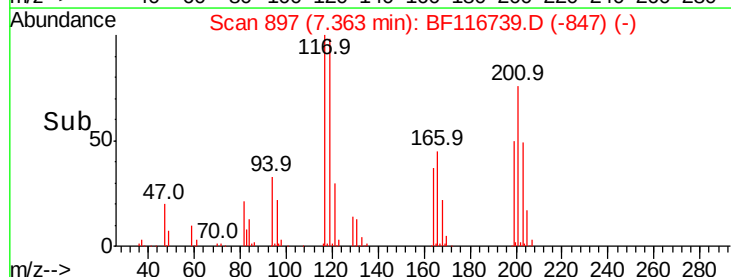
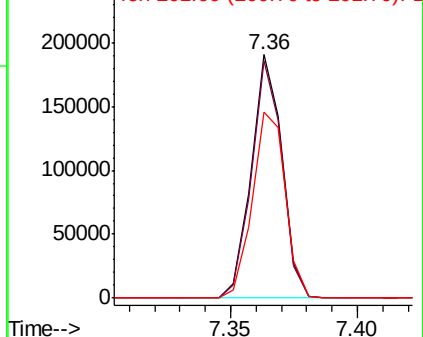


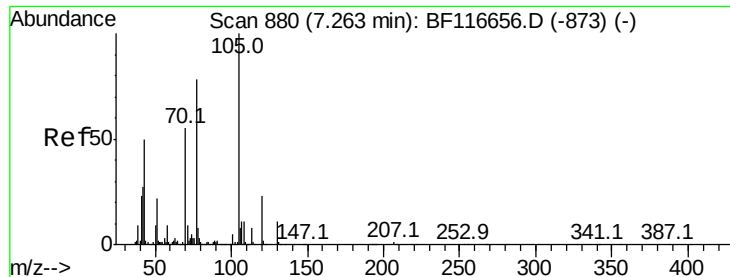
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.087 ng

RT: 7.26 min Scan# 880

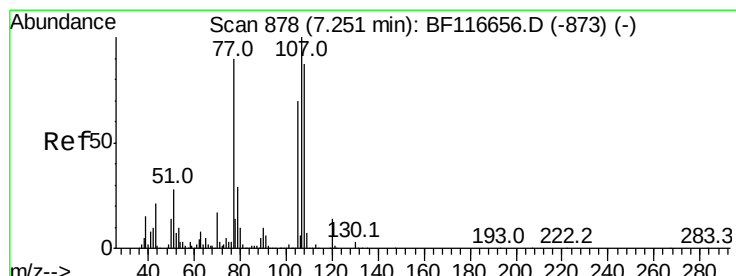
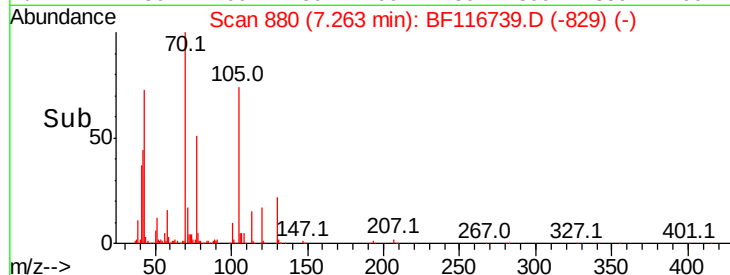
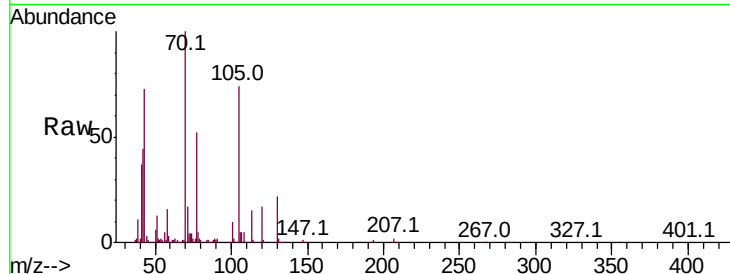
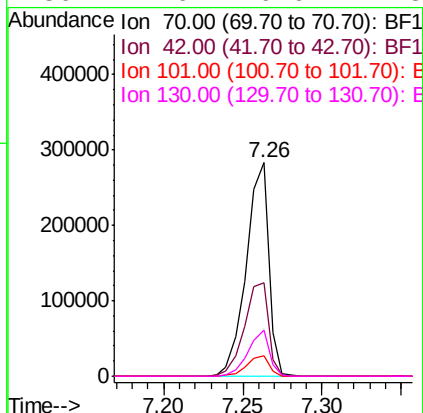
Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	278167
Ion	Ratio	Lower	Upper
70	100		
42	43.7	43.5	65.3
101	9.5	7.8	11.6
130	21.6	16.6	24.8



#20

3+4-Methylphenols

Concen: 41.537 ng

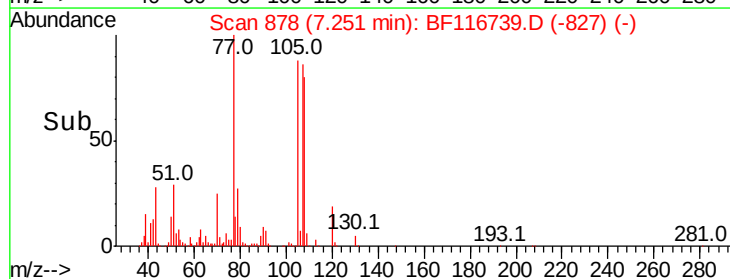
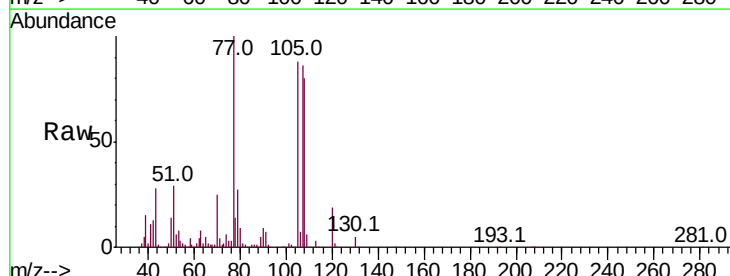
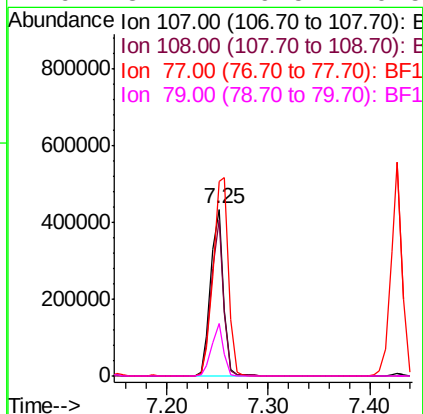
RT: 7.25 min Scan# 878

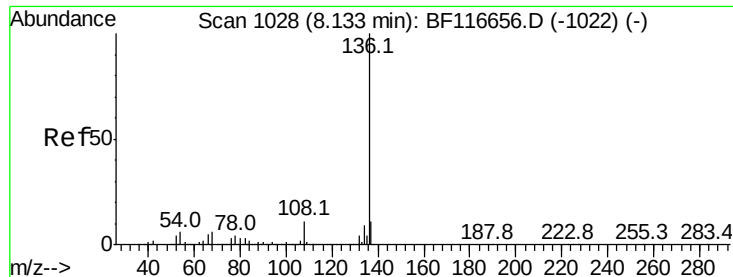
Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Tgt Ion:	107	Resp:	379889
Ion	Ratio	Lower	Upper
107	100		
108	93.5	65.5	105.5
77	116.3	69.4	109.4#
79	31.2	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116739.D

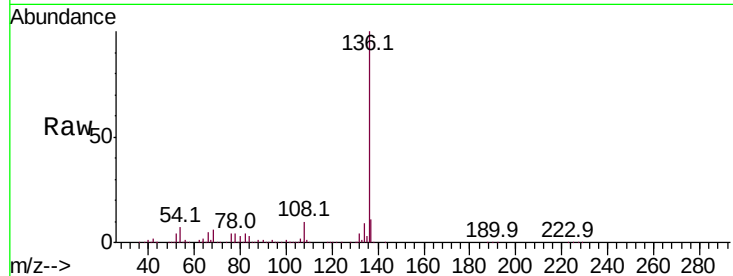
Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	537305
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.8	4.8 7.2
68	5.9	4.0 6.0



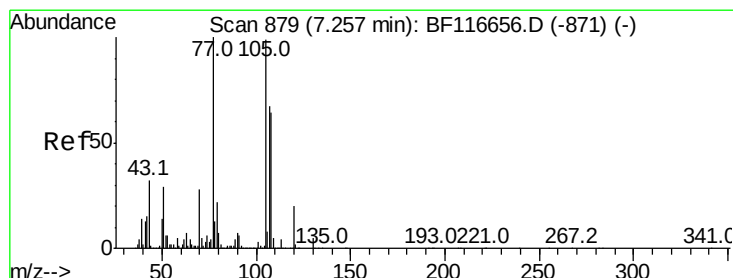
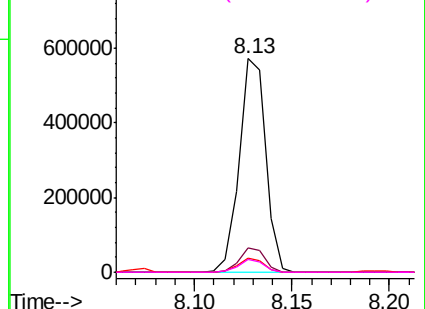
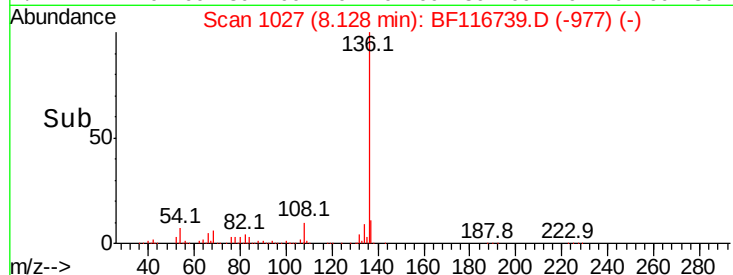
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.074 ng

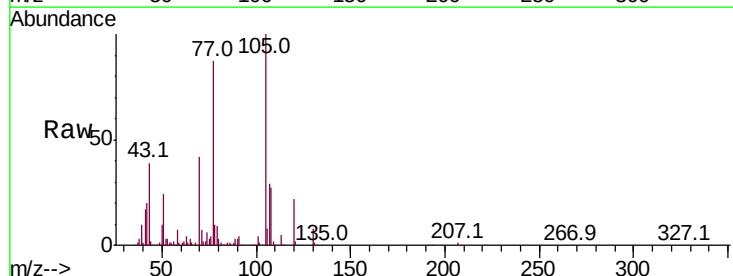
RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Tgt Ion:105	Resp:	531323
Ion Ratio	Lower	Upper
105	100	
71	7.1	4.2 6.4#
51	24.0	25.8 38.8#
120	21.8	16.4 24.6



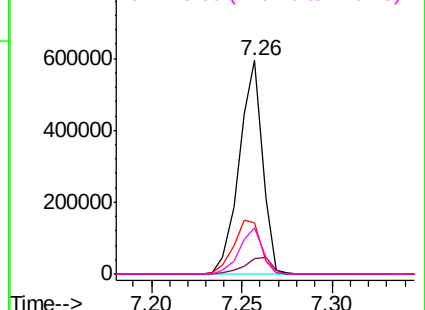
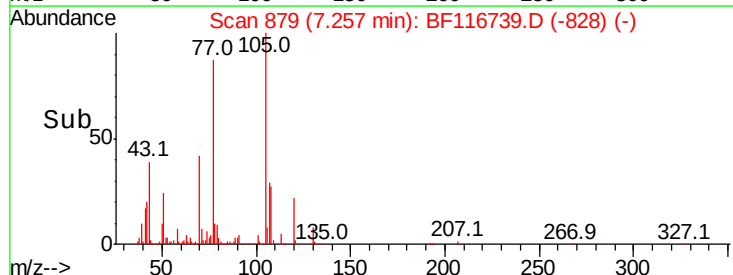
Abundance

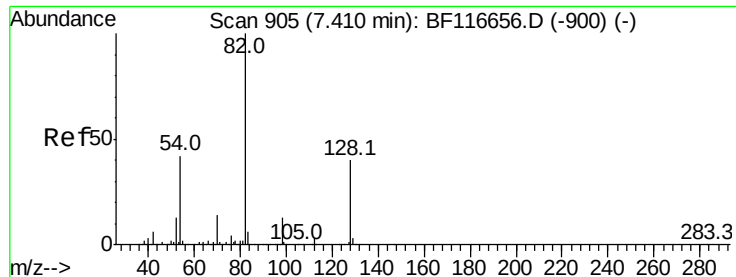
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

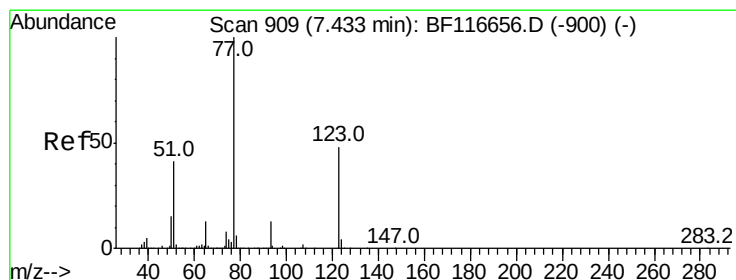
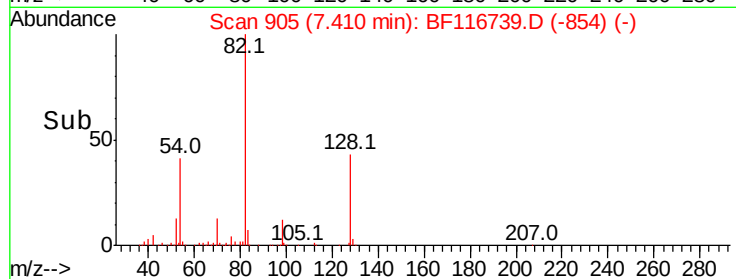
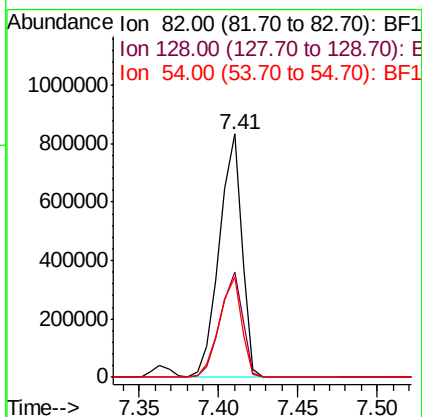
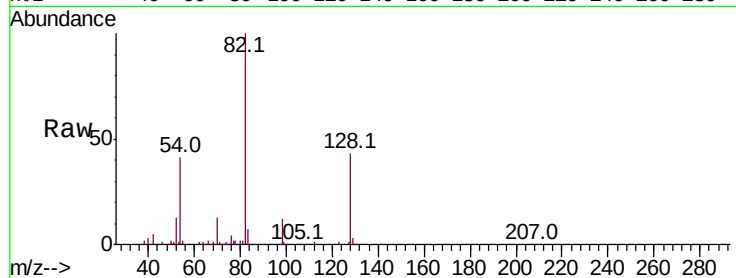




#23
 Nitrobenzene-d5
 Concen: 87.854 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

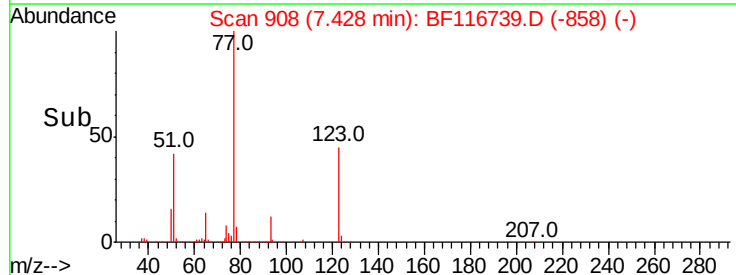
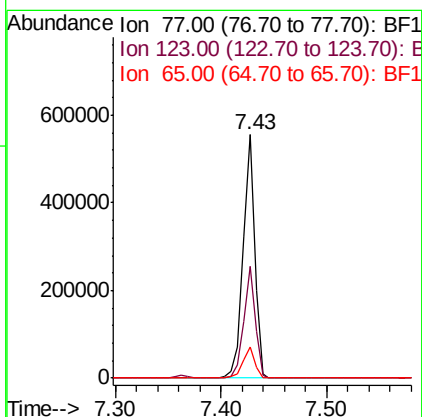
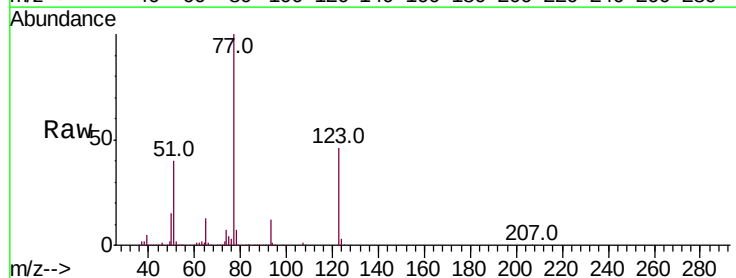
Instrument :
 BNA_F
 ClientSampleId :

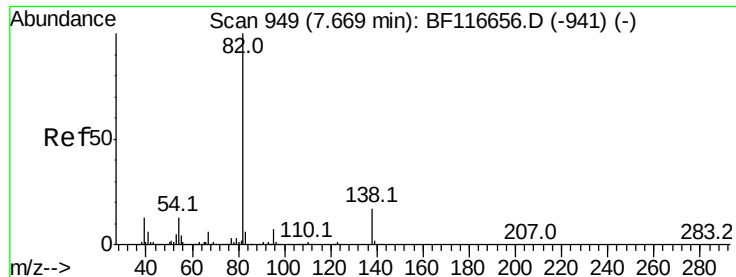
Tot Ion	82	Resp	826881
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.8	49.2
54	41.3	36.9	55.3



#24
 Nitrobenzene
 Concen: 43.707 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Tgt Ion	77	Resp	418380
Ion Ratio	Lower	Upper	
77	100		
123	45.7	33.1	49.7
65	12.6	10.6	15.8





#25

Isophorone

Concen: 38.981 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

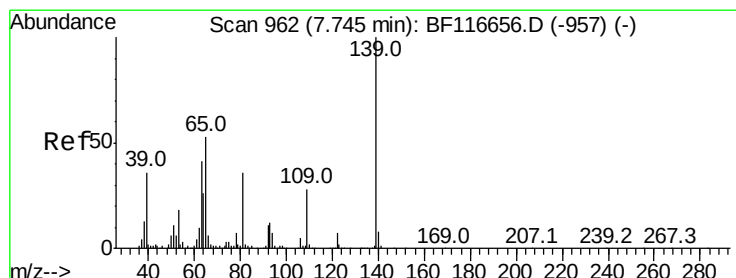
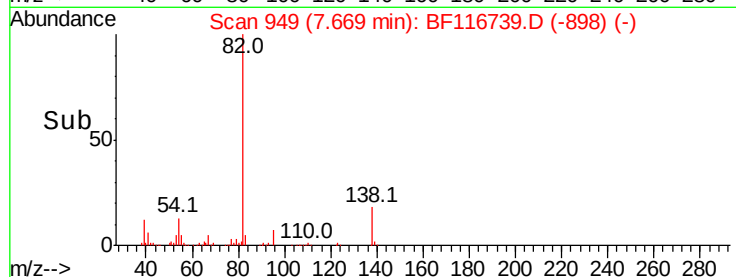
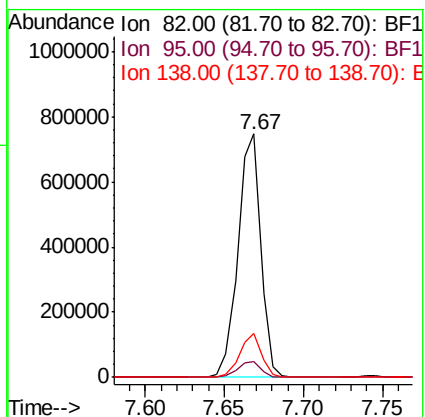
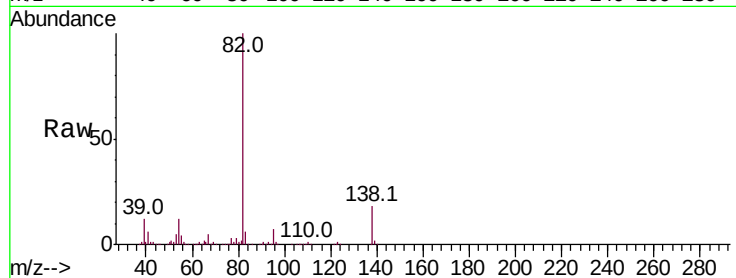
Tot Ion: 82 Resp: 743450

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 17.8 13.5 20.3



#26

2-Nitrophenol

Concen: 50.711 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

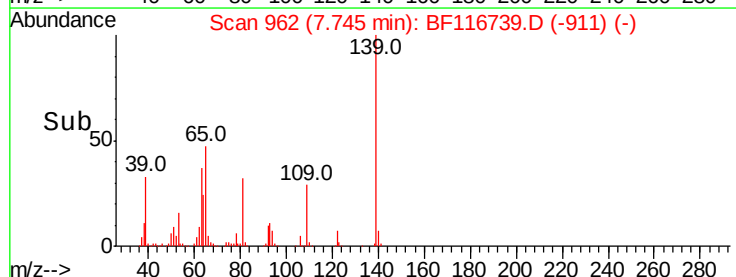
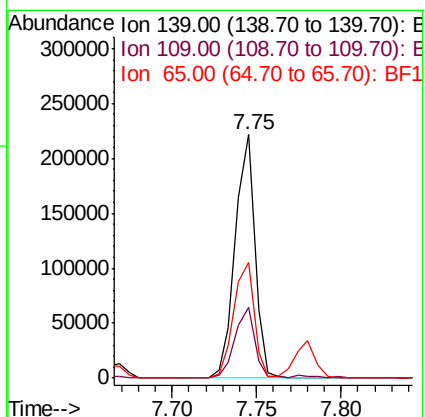
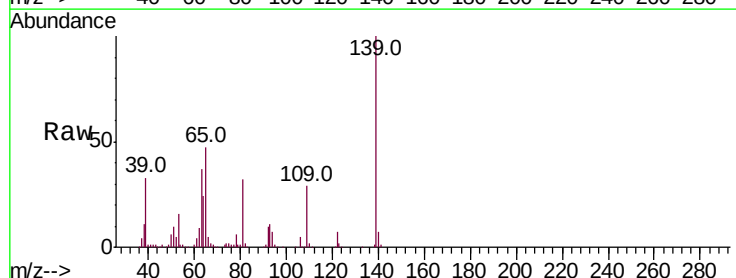
Tgt Ion: 139 Resp: 180474

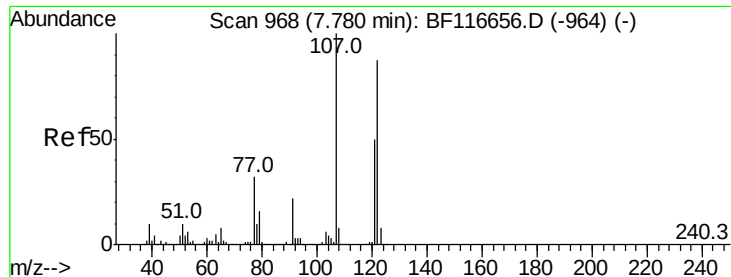
Ion Ratio Lower Upper

139 100

109 28.9 27.1 40.7

65 47.4 43.0 64.6

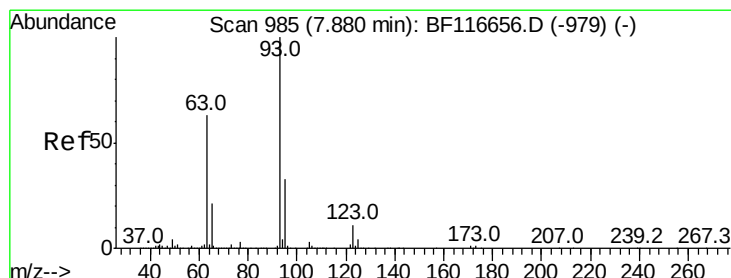
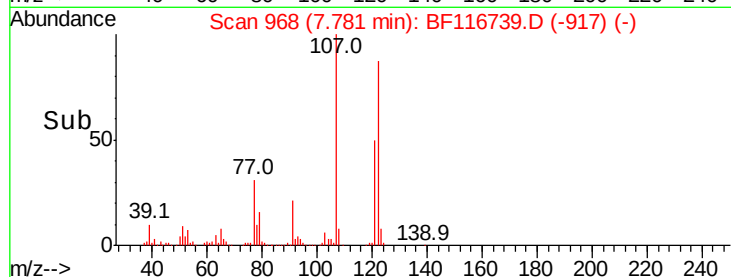
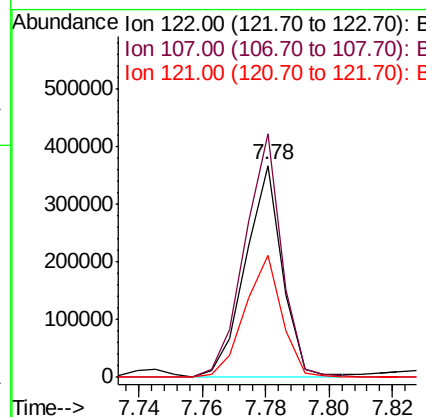
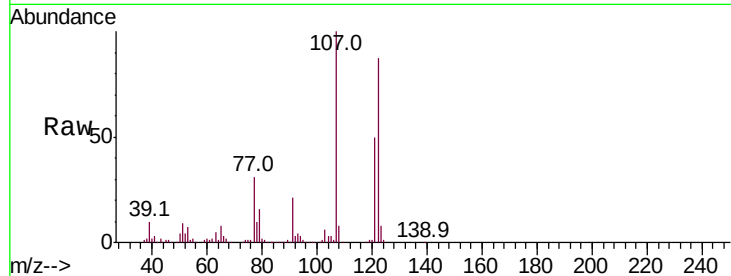




#27
2,4-Dimethylphenol
Concen: 41.243 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

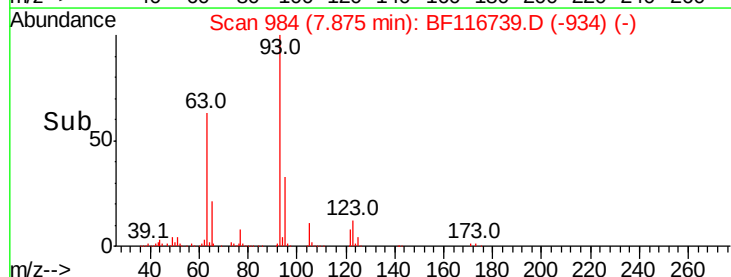
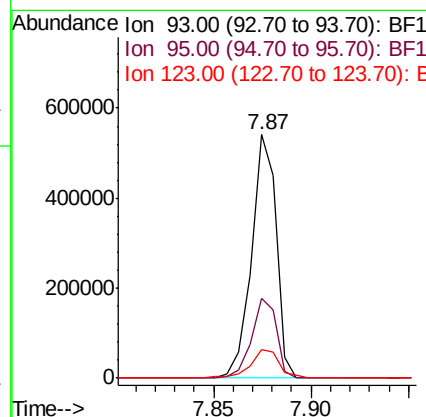
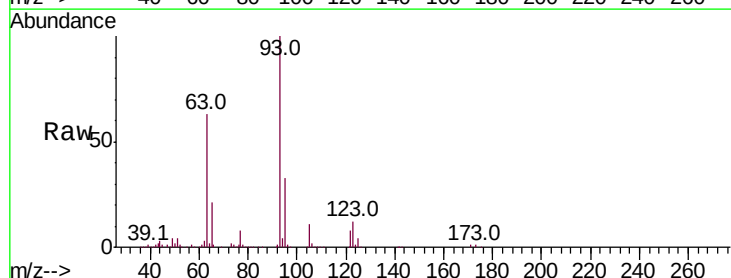
Instrument :
BNA_F
ClientSampleId :

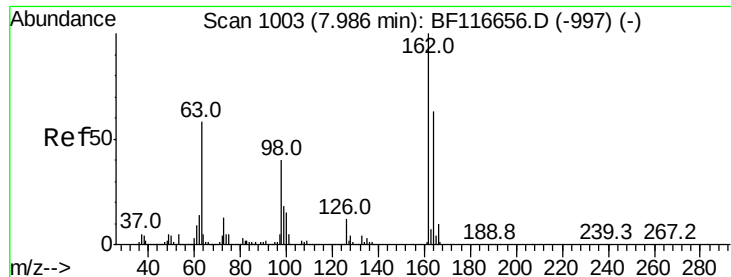
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	98.1	147.1
121	57.5	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.641 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.0	9.8	14.8

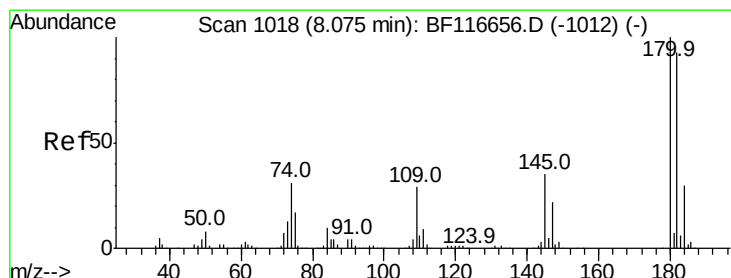
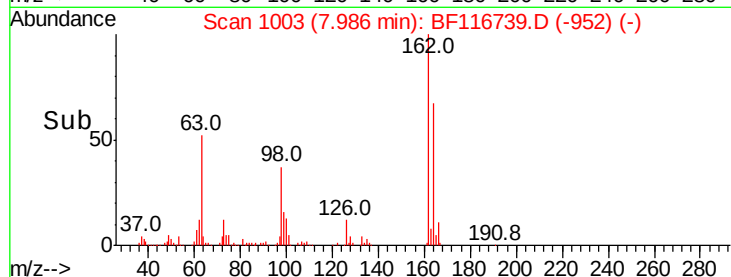
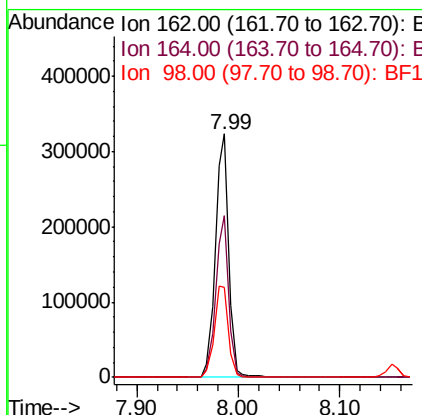
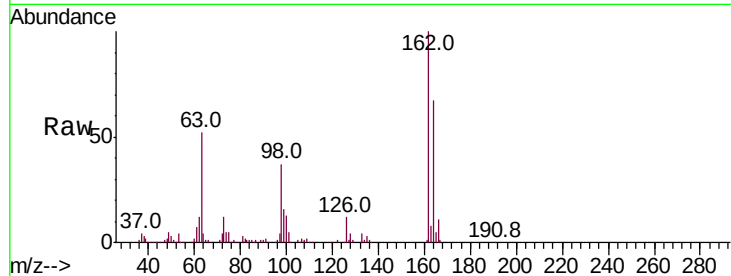




#29
 2,4-Dichlorophenol
 Concen: 42.885 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

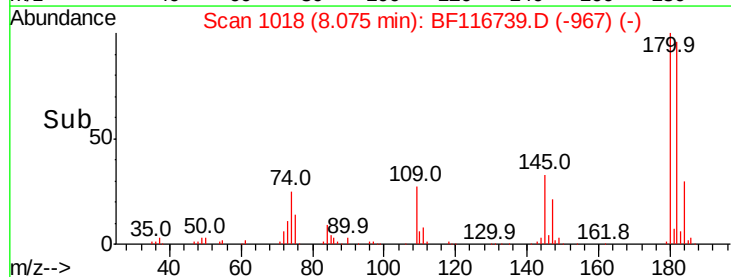
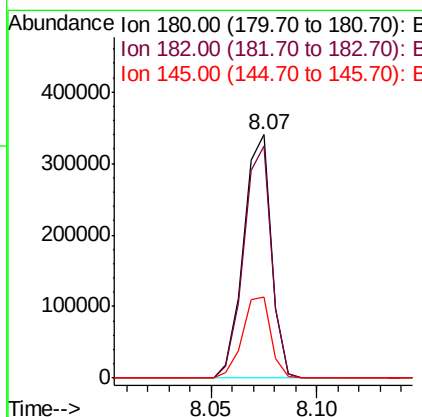
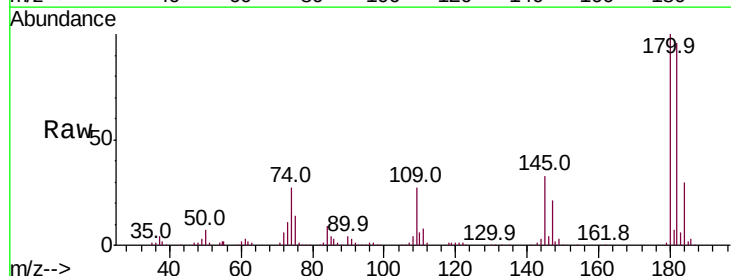
Instrument :
 BNA_F
 ClientSampled :

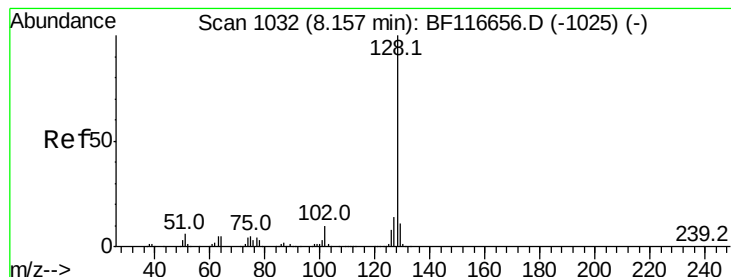
Tot Ion	Ratio	Resp	Lower	Upper
162	100	296217		
164	66.6		43.4	83.4
98	37.2		18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.459 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310603		
182	95.6		78.6	118.0
145	33.2		25.7	38.5





#31

Naphthalene

Concen: 41.696 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

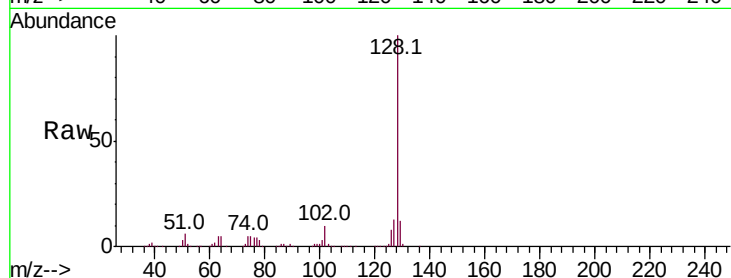
Tot Ion:128 Resp: 1065303

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

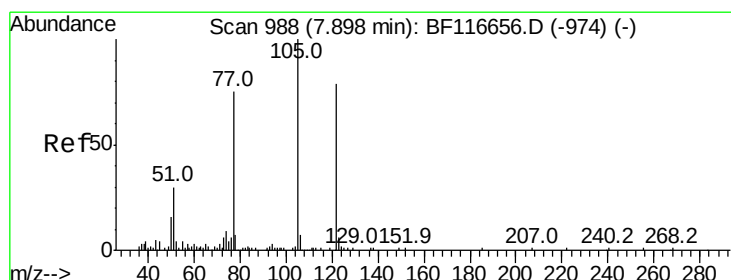
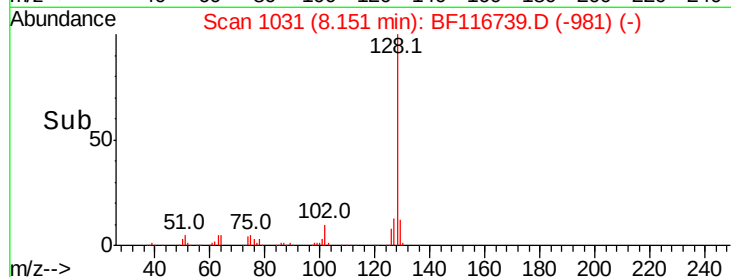
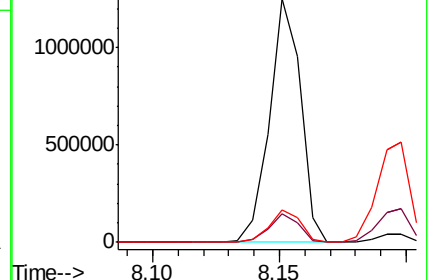
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.084 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

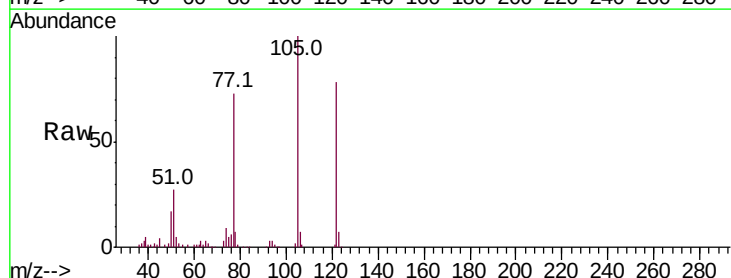
Tgt Ion:122 Resp: 178904

Ion Ratio Lower Upper

122 100

105 128.3 110.0 150.0

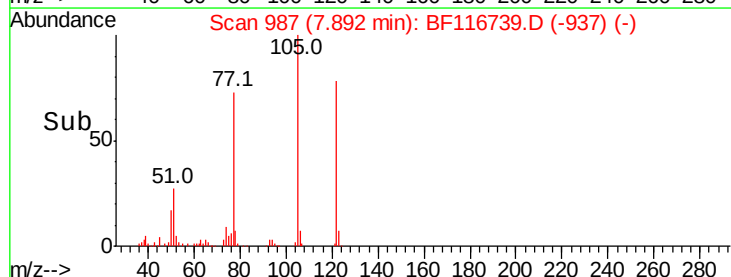
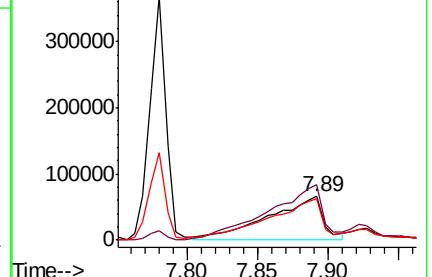
77 94.3 81.7 121.7

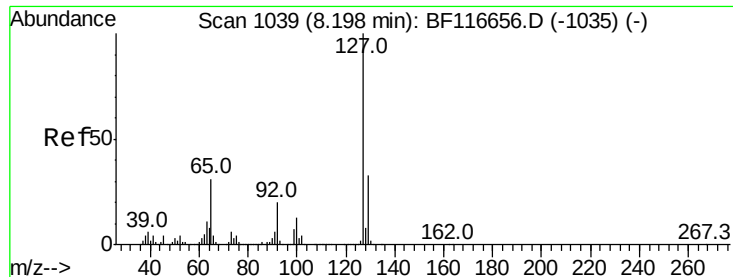


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

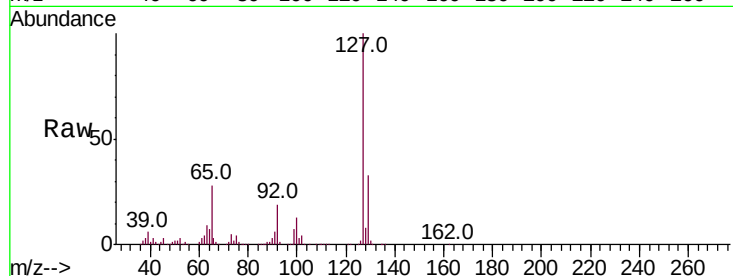




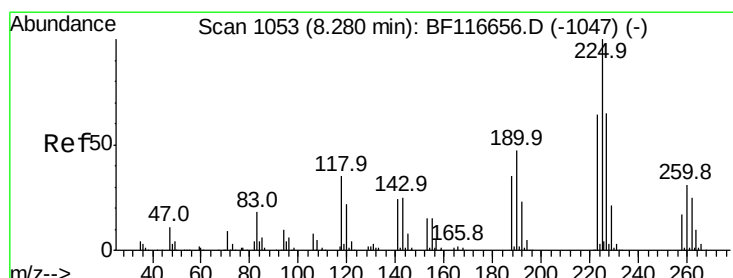
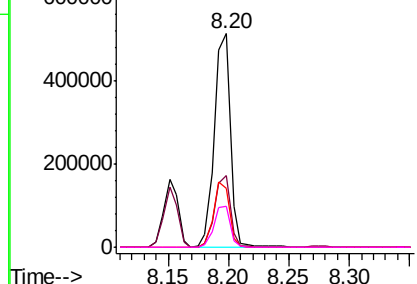
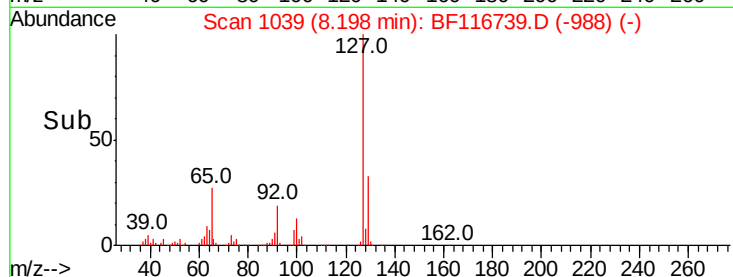
#33
4-Chloroaniline
Concen: 40.369 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	469490
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	27.5	26.0	39.0
92	19.0	16.1	24.1

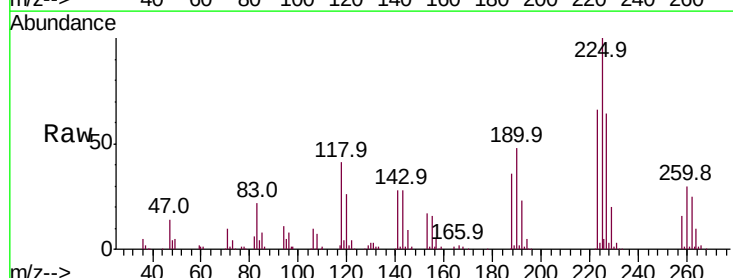


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

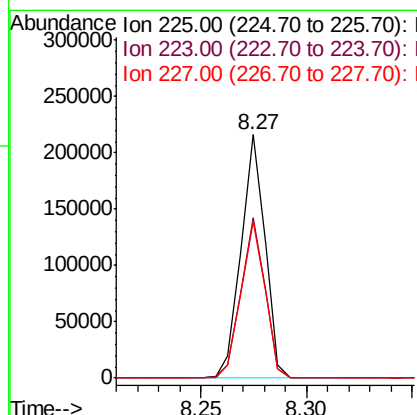
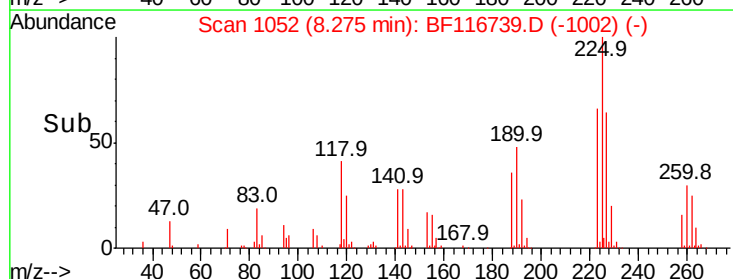


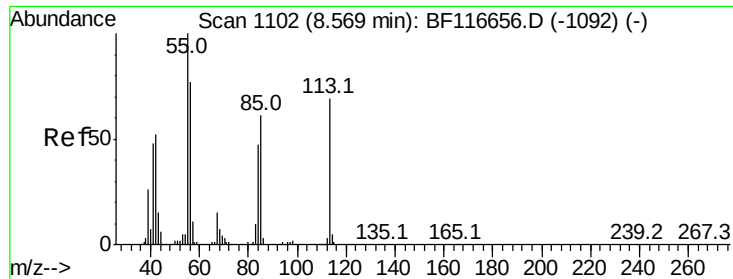
#34
Hexachlorobutadiene
Concen: 41.255 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:	225	Resp:	168525
Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.4	74.2
227	64.3	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

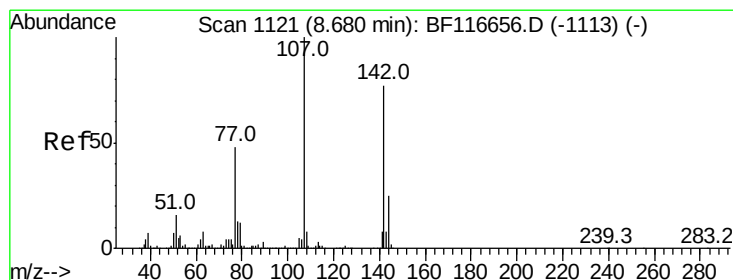
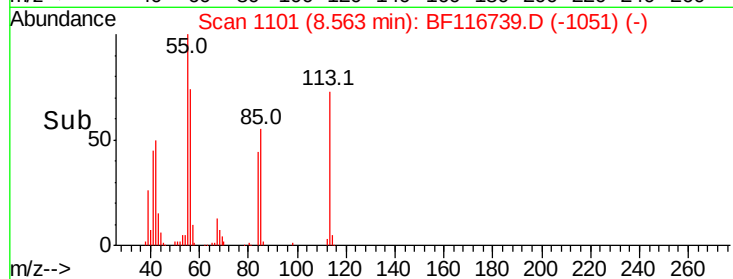
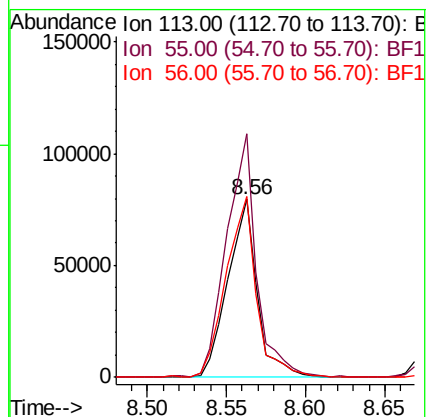
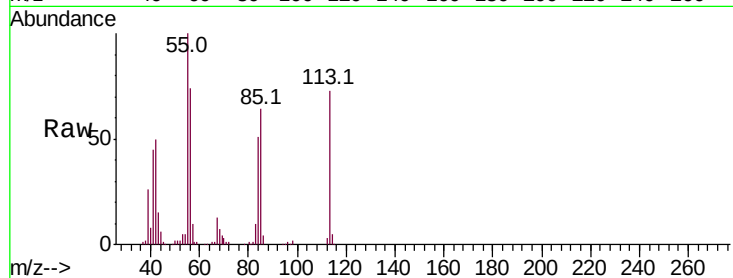




#35
Caprolactam
Concen: 39.619 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

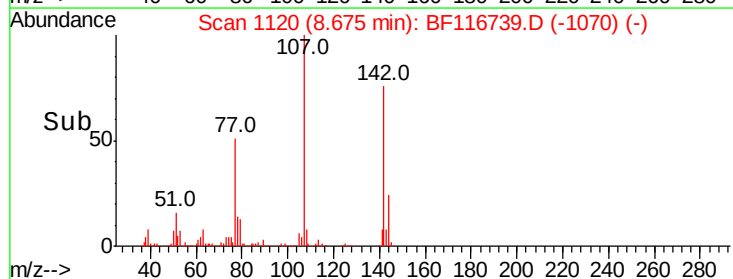
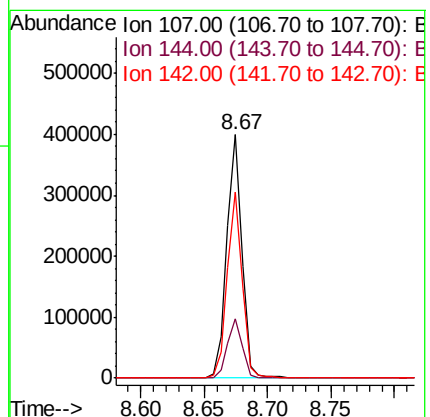
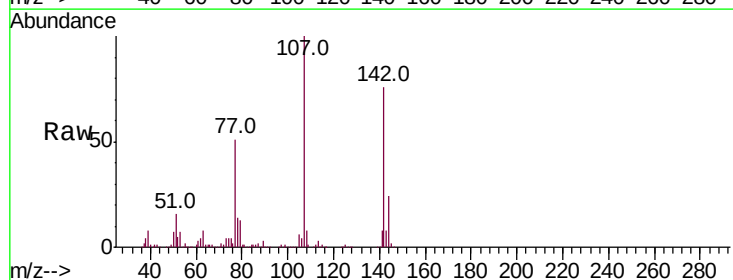
Instrument :
BNA_F
ClientSampleId :

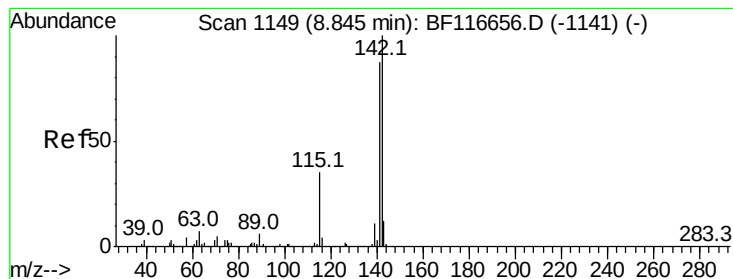
Tot Ion	Ratio	Lower	Upper
113	100		
55	136.6	124.3	164.3
56	101.4	94.6	134.6



#36
4-Chloro-3-methylphenol
Concen: 42.114 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	18.6	27.8
142	76.3	58.5	87.7





#37

2-Methylnaphthalene

Concen: 41.032 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

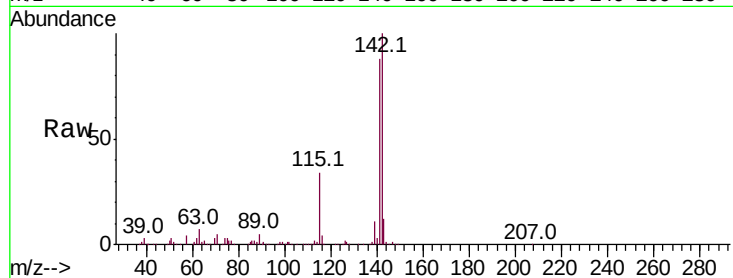
Tot Ion:142 Resp: 697516

Ion Ratio Lower Upper

142 100

141 88.1 72.6 109.0

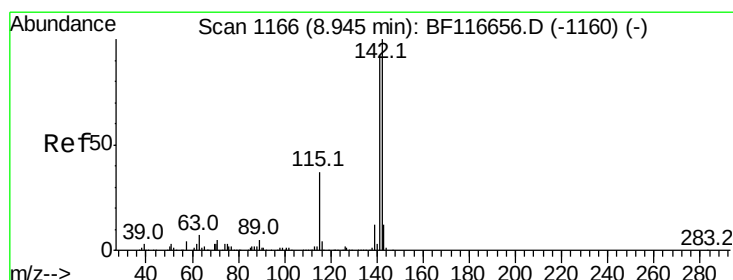
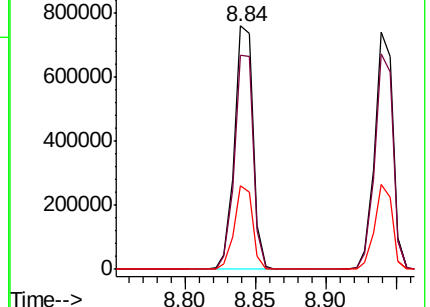
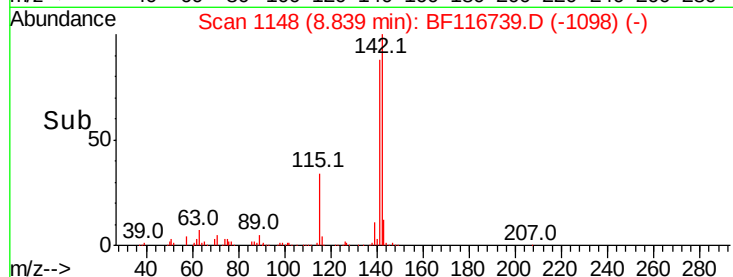
115 34.2 29.8 44.6



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: 41.352 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

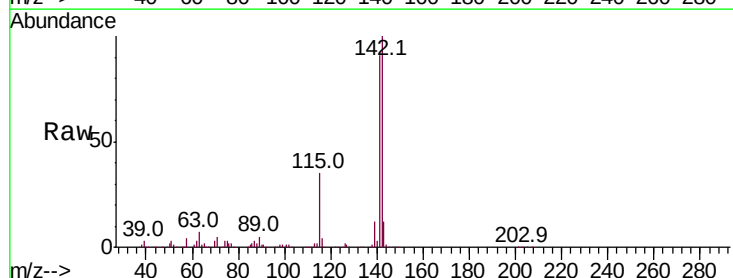
Tgt Ion:142 Resp: 663592

Ion Ratio Lower Upper

142 100

141 90.7 73.9 110.9

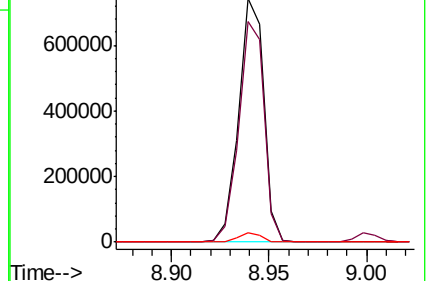
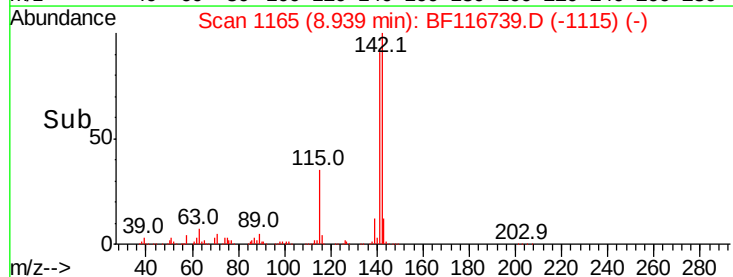
116 3.6 3.0 4.6

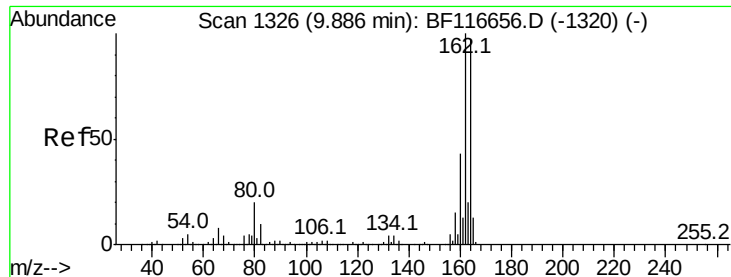


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

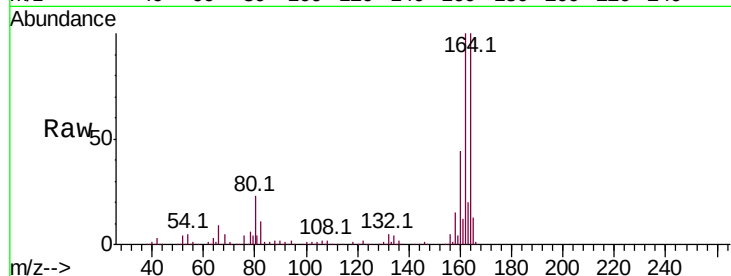




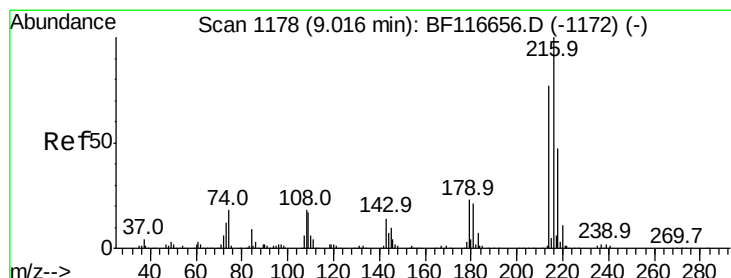
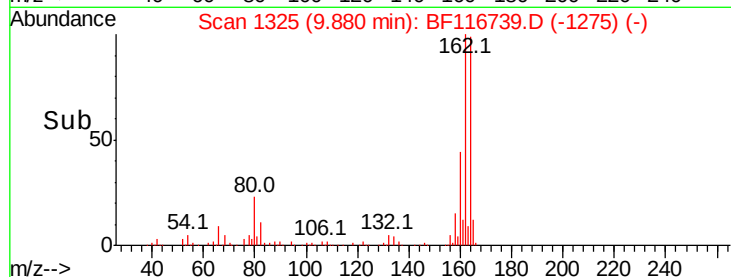
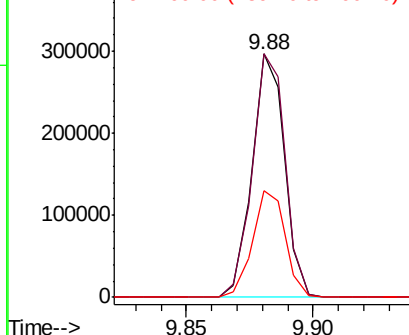
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 263244
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.0 35.4 53.2

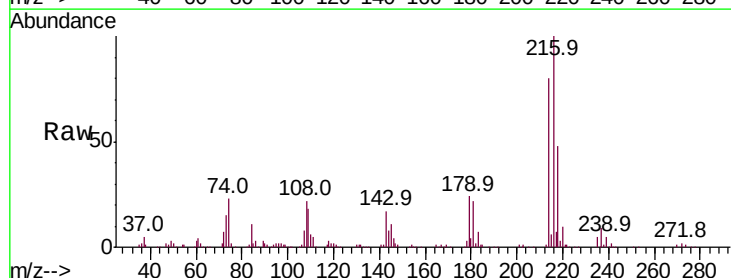


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

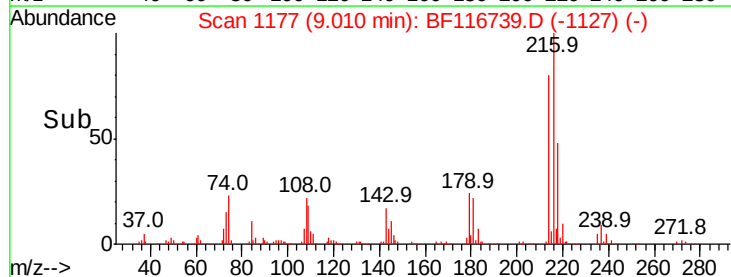
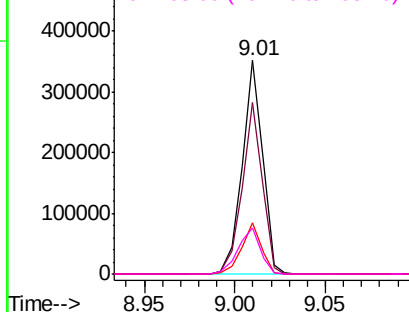


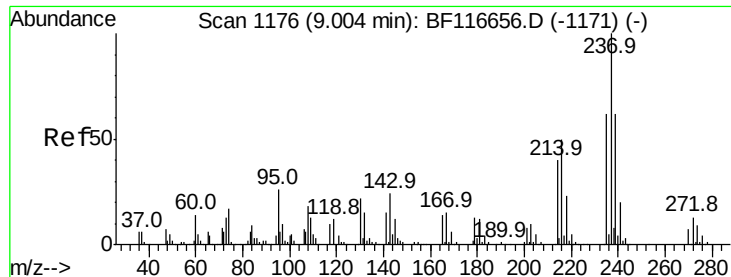
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.249 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:216 Resp: 272920
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 23.0 19.3 28.9
108 23.8 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

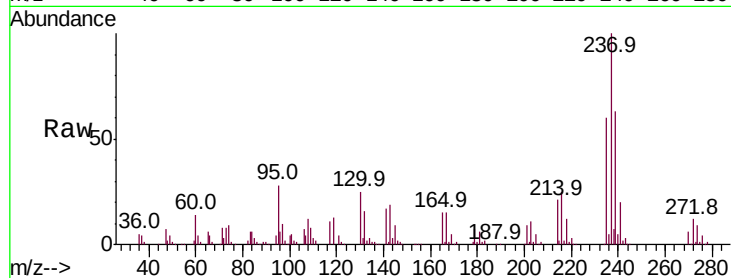




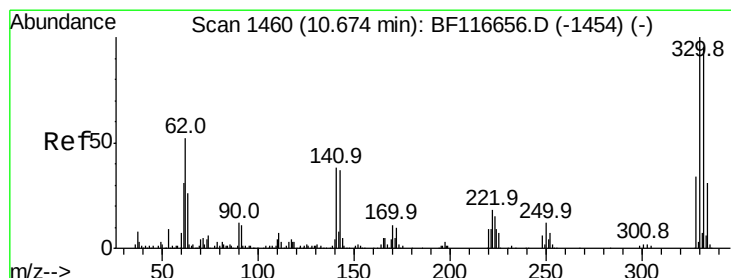
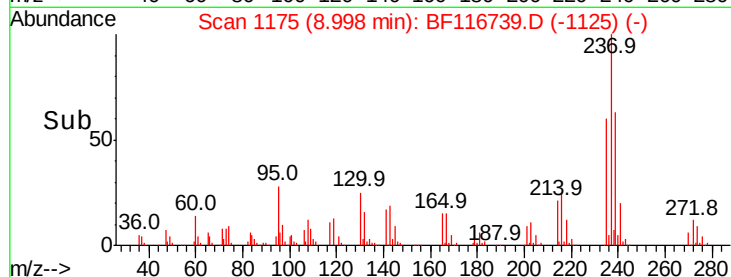
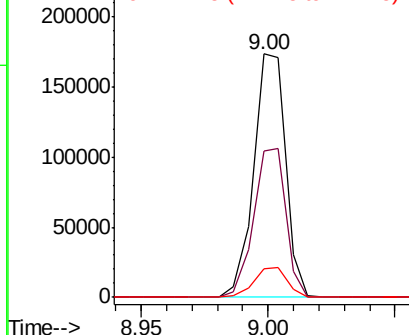
#41
Hexachlorocyclopentadiene
Concen: 41.958 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.2	41.4	81.4
272	11.8	0.0	32.8

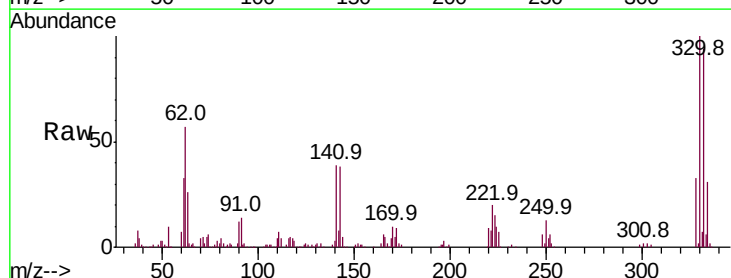


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

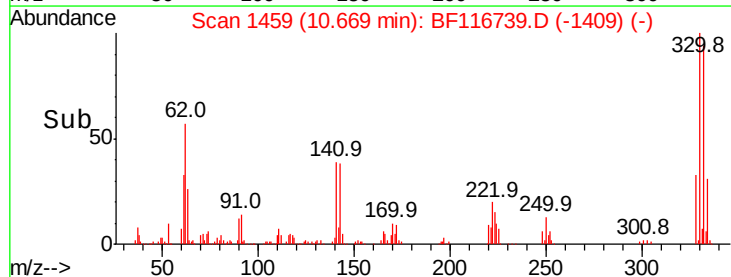
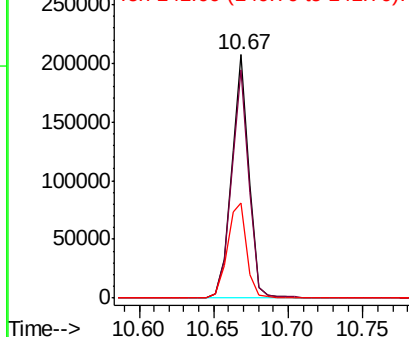


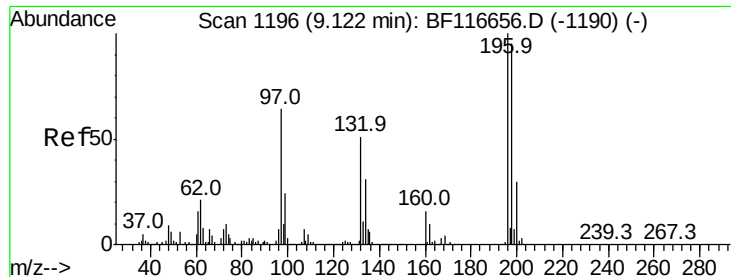
#42
2,4,6-Tribromophenol
Concen: 97.131 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	43.5	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

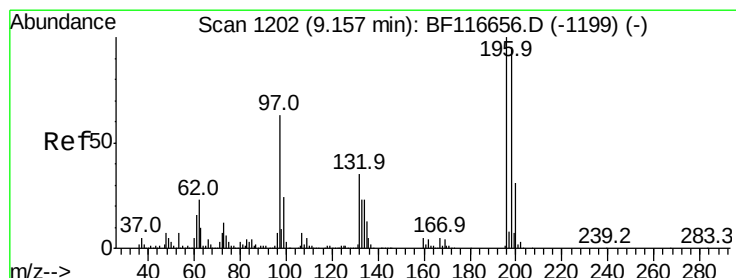
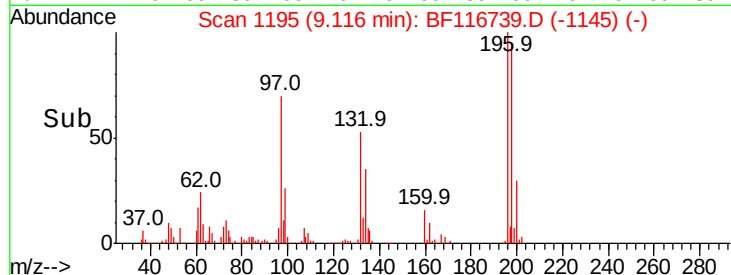
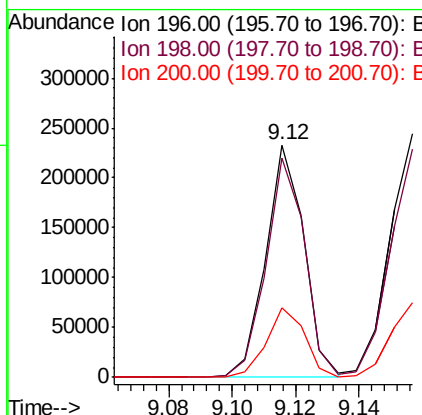
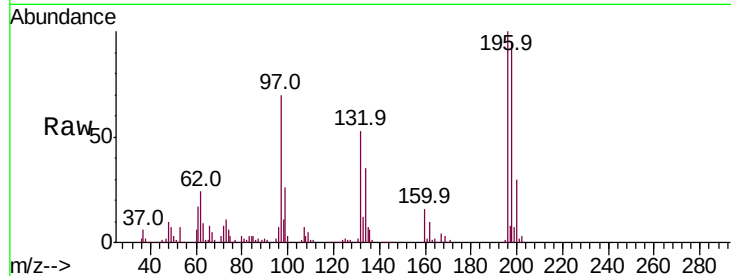




#43
 2,4,6-Trichlorophenol
 Concen: 45.251 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

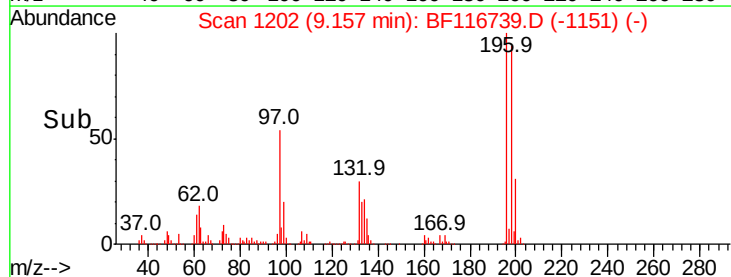
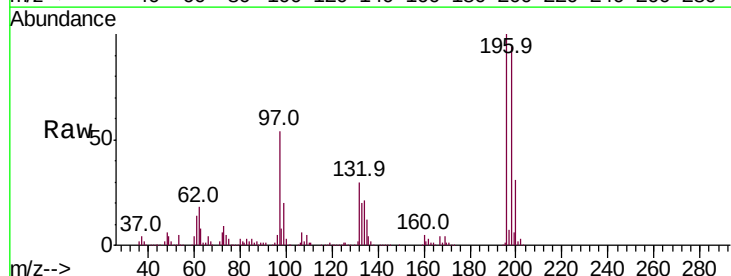
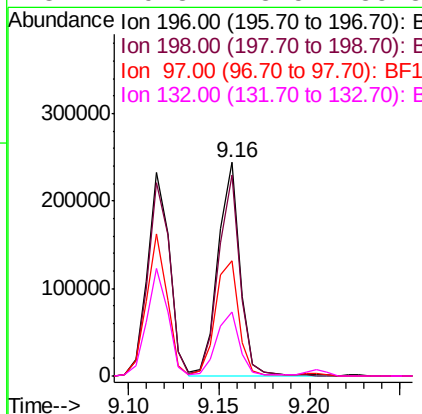
Instrument :
 BNA_F
 ClientSampleId :

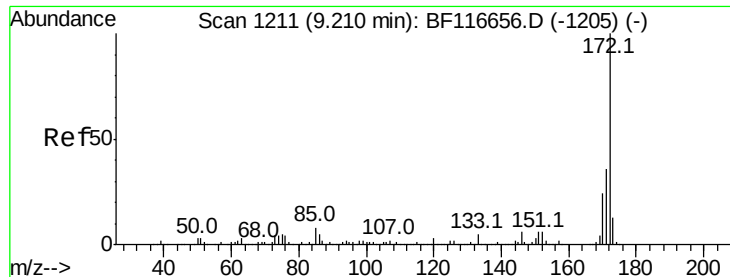
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.1	118.7
200	30.2	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.588 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	78.1	117.1
97	54.1	41.6	62.4
132	29.8	23.5	35.3

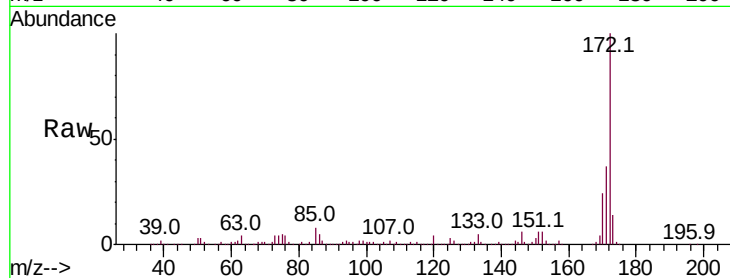




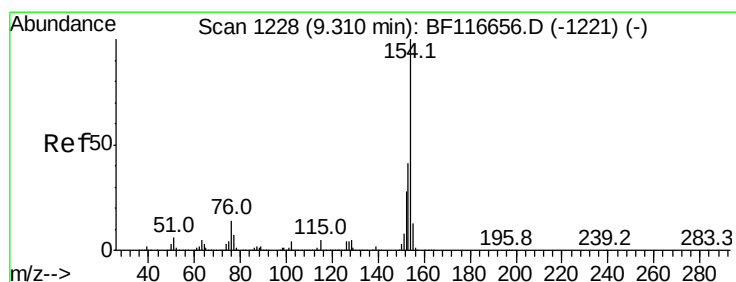
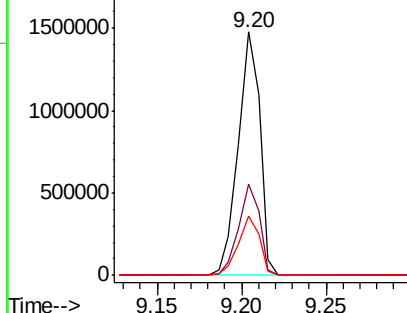
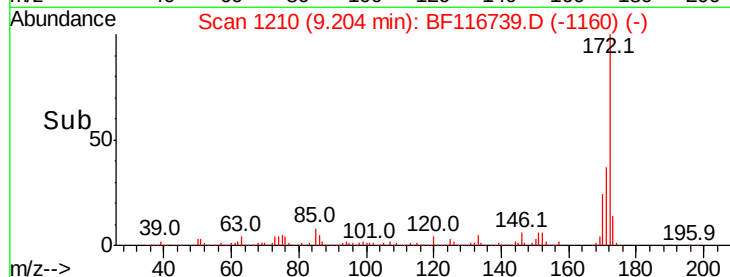
#45
2-Fluorobiphenyl
Concen: 84.730 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1322232
Ion Ratio Lower Upper
172 100
171 37.3 27.8 41.6
170 24.3 18.9 28.3

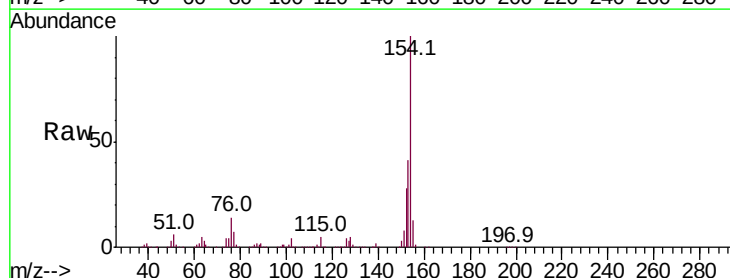


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

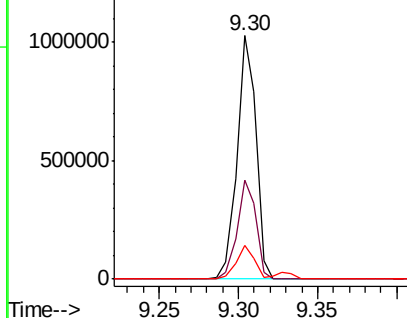
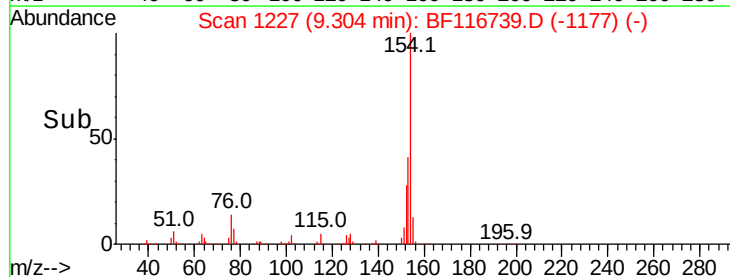


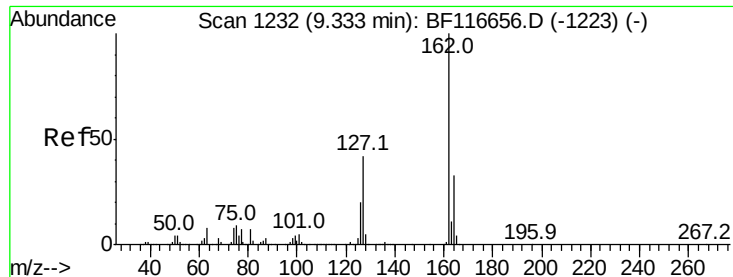
#46
1,1'-Biphenyl
Concen: 42.588 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:154 Resp: 850698
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 13.8 0.0 30.9



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





#47

2-Chloronaphthalene

Concen: 42.530 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

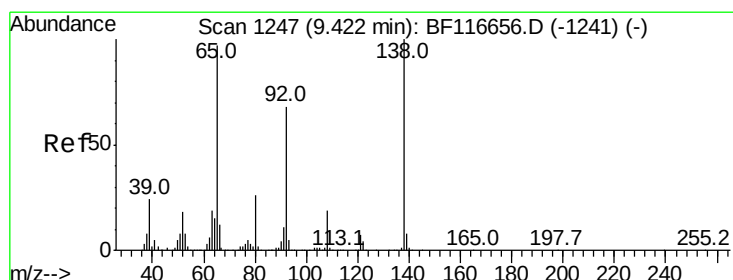
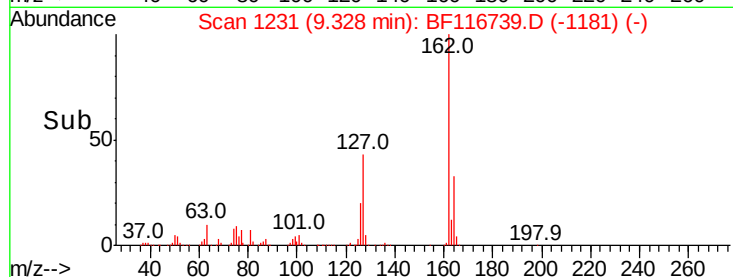
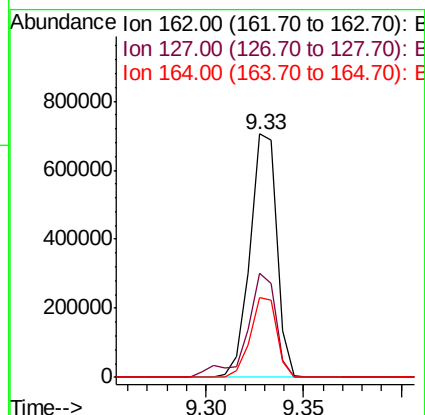
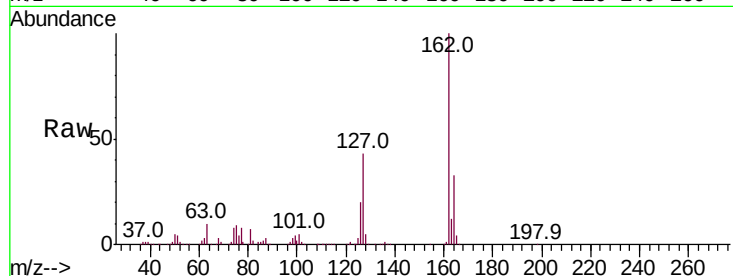
Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 672873

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.4	50.2
164	32.5	26.6	39.8



#48

2-Nitroaniline

Concen: 47.917 ng

RT: 9.42 min Scan# 1247

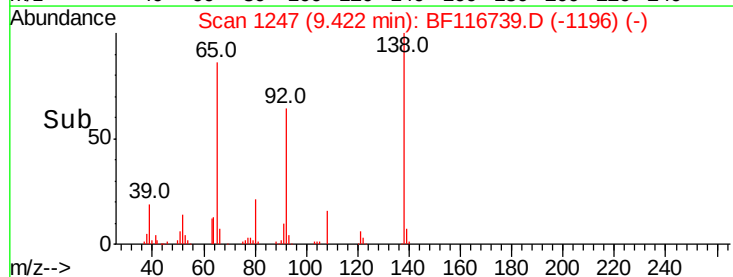
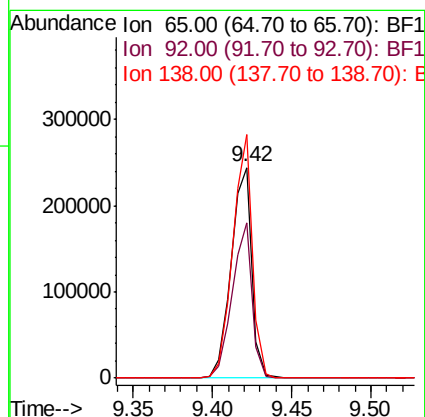
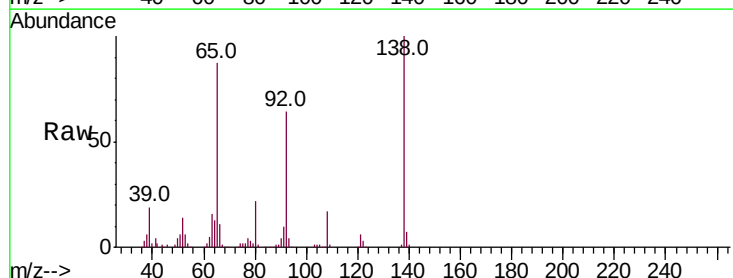
Delta R.T. 0.00 min

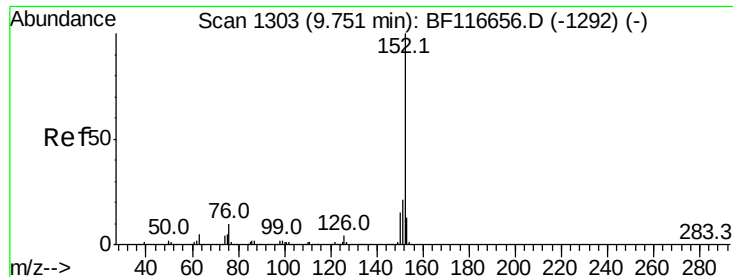
Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Tgt Ion: 65 Resp: 219169

Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.1	85.7
138	115.4	88.2	132.2





#49

Acenaphthylene

Concen: 42.252 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

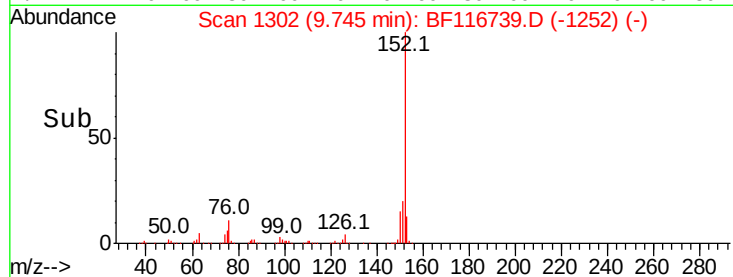
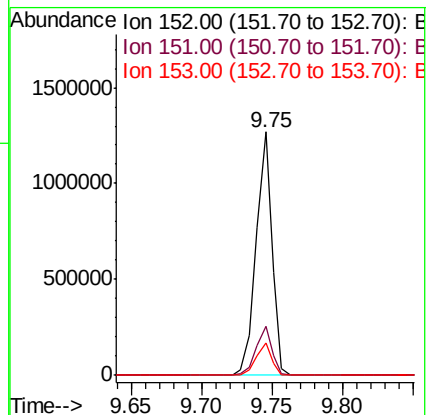
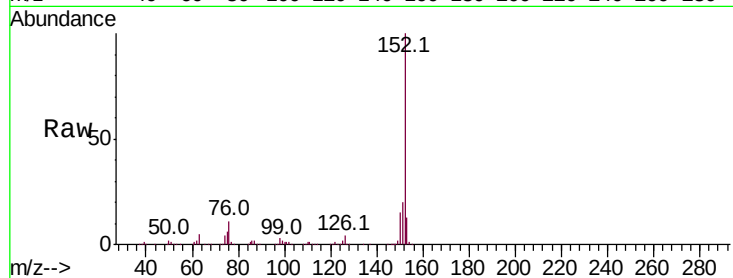
Tot Ion:152 Resp: 1010489

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 41.298 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

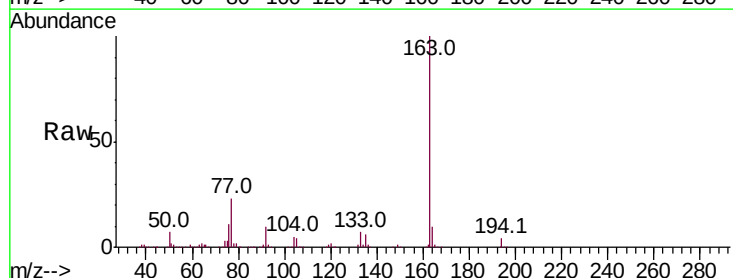
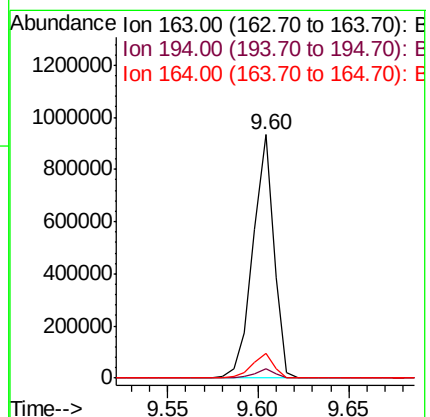
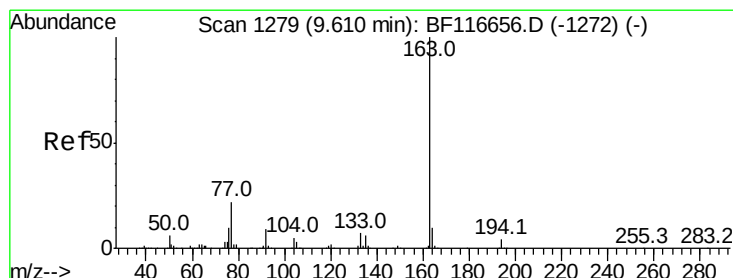
Tgt Ion:163 Resp: 750555

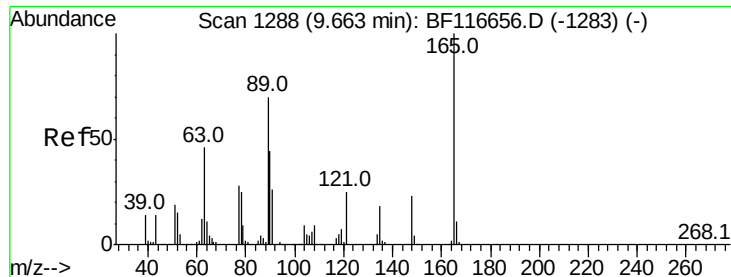
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.2 8.6 12.8

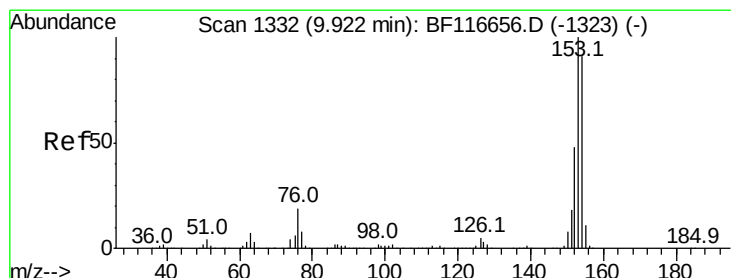
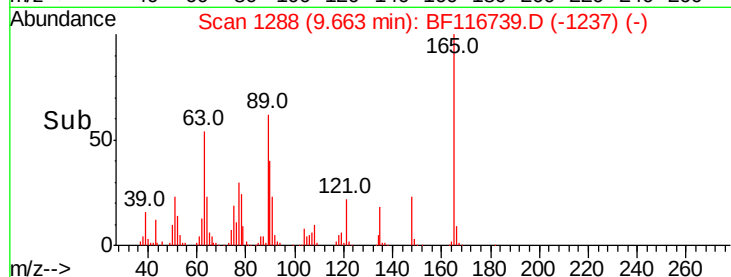
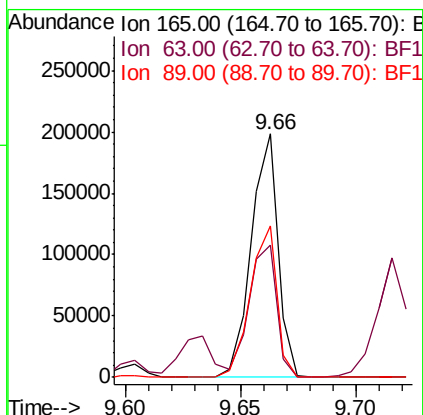
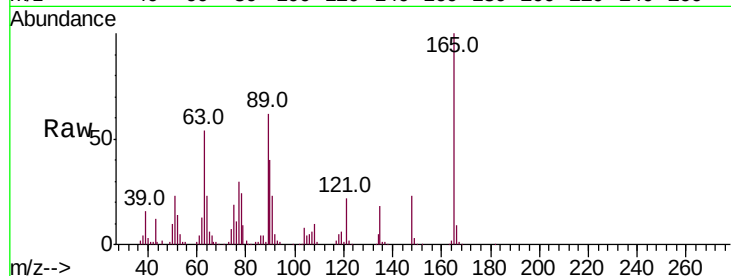




#51
2,6-Dinitrotoluene
Concen: 46.662 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

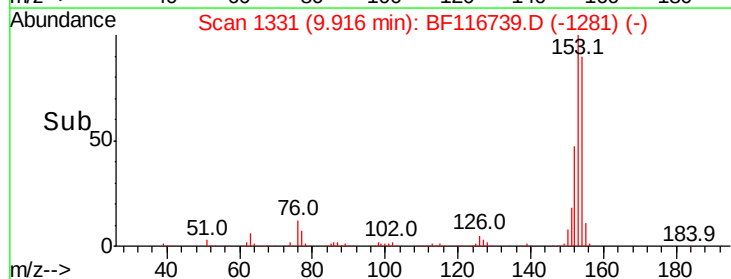
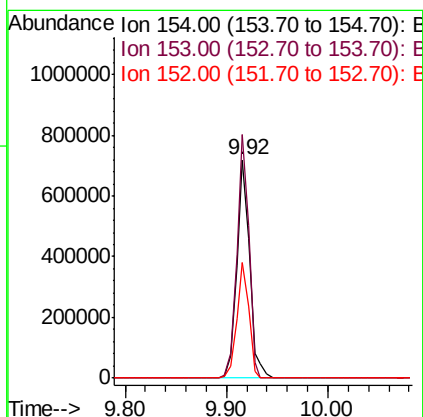
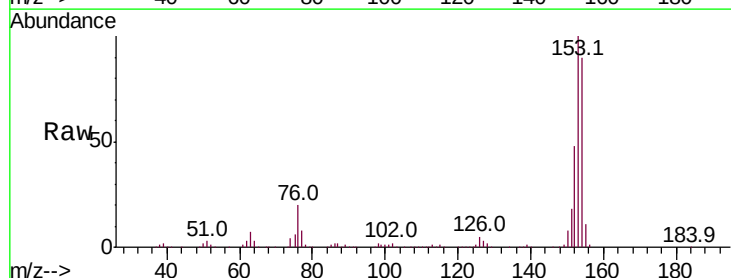
Instrument :
BNA_F
ClientSampleId :

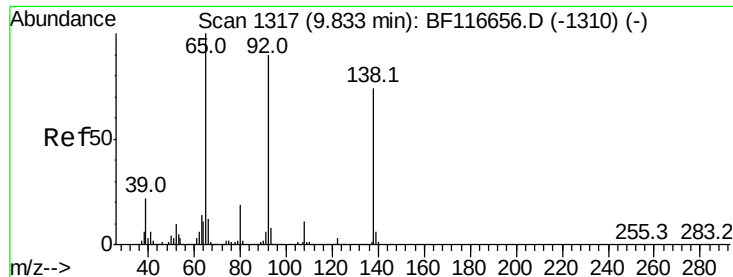
Tot Ion:165 Resp: 161800
Ion Ratio Lower Upper
165 100
63 54.2 47.3 70.9
89 62.0 52.5 78.7



#52
Acenaphthene
Concen: 42.892 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:154 Resp: 630281
Ion Ratio Lower Upper
154 100
153 111.5 89.5 134.3
152 53.0 41.9 62.9

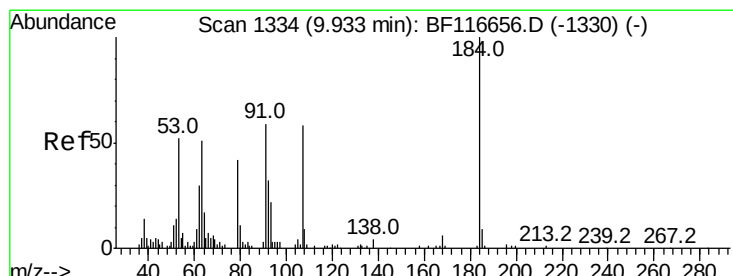
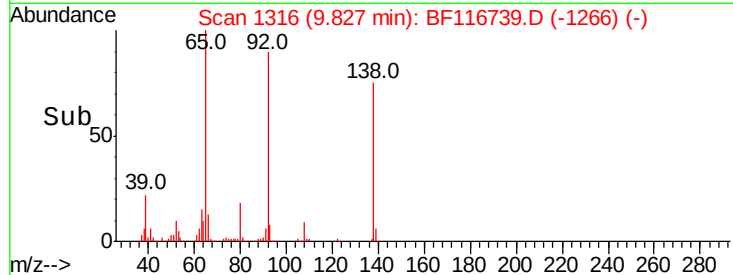
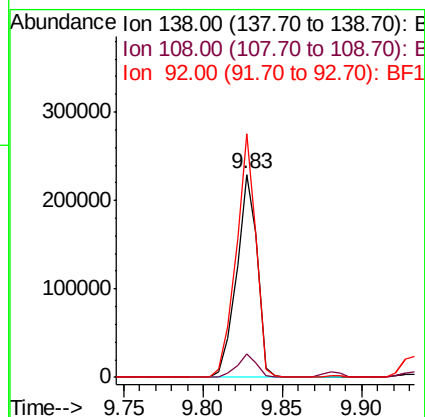
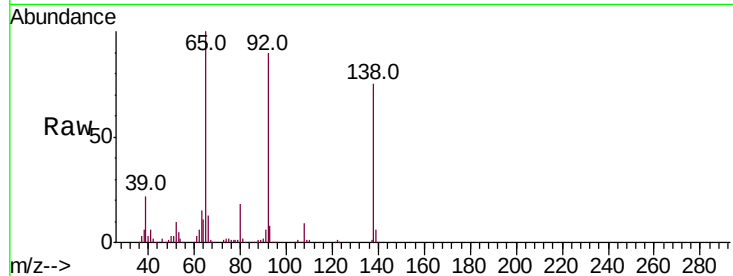




#53
3-Nitroaniline
Concen: 47.474 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

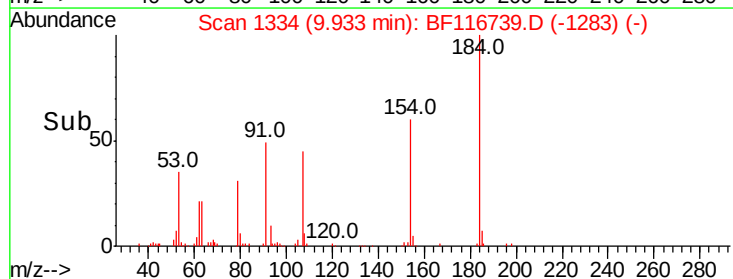
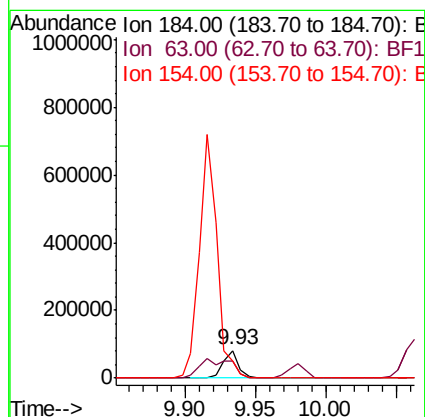
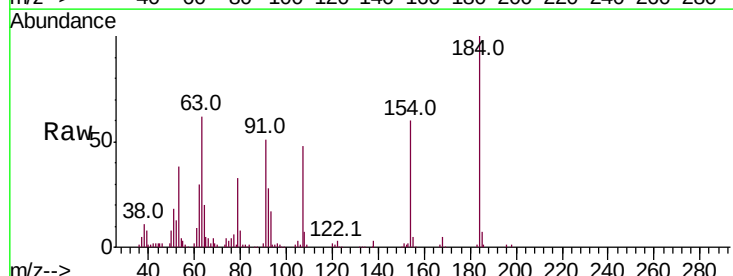
Instrument :
BNA_F
ClientSampleId :

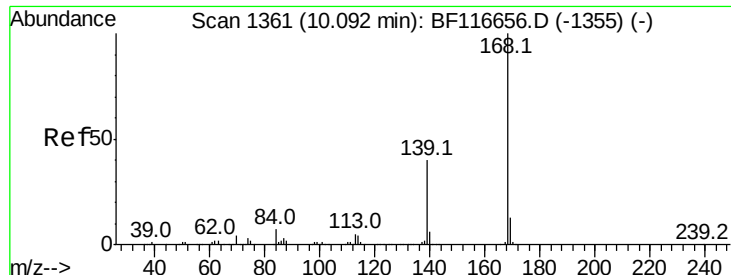
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	120.1	87.2	130.8



#54
2,4-Dinitrophenol
Concen: 54.385 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	52.2	78.2
154	60.4	60.8	91.2#

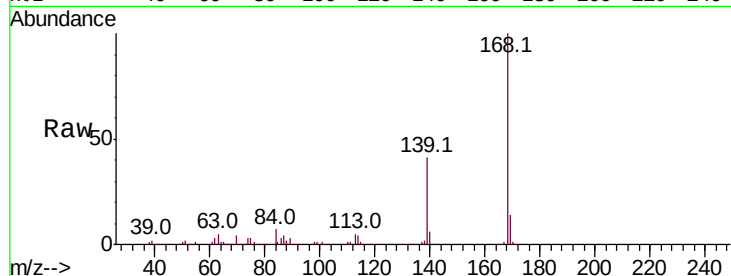




#55
Dibenzofuran
Concen: 42.339 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.5	47.3
169	13.6	10.3	15.5

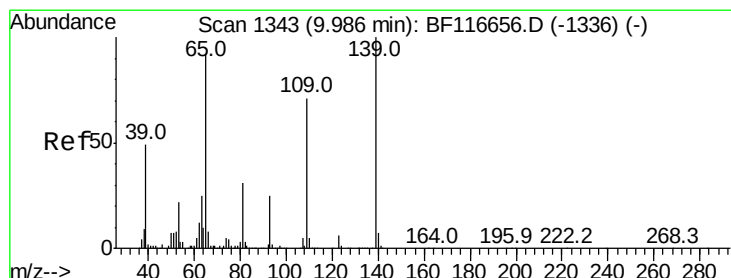
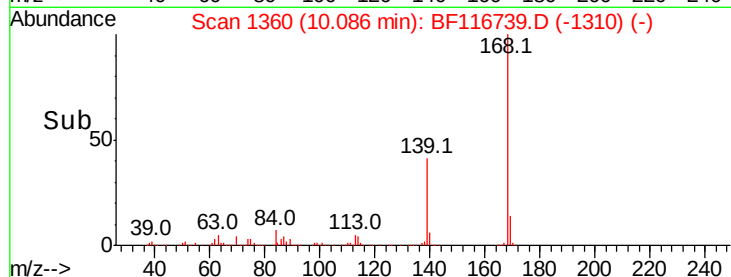
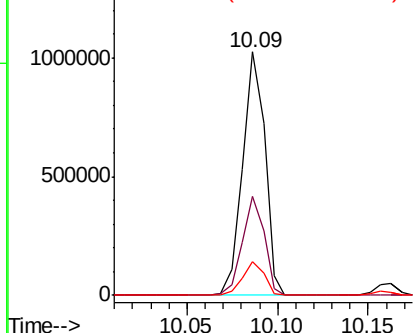


Abundance

Ion 168.00 (167.70 to 168.70): E

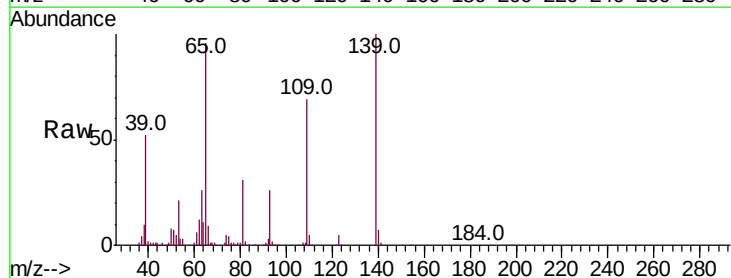
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 49.392 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	61.7	101.7
65	95.7	89.1	129.1

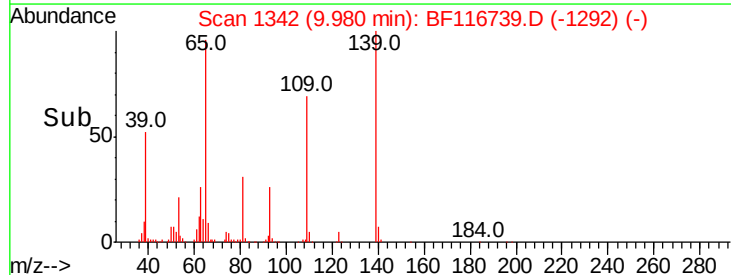
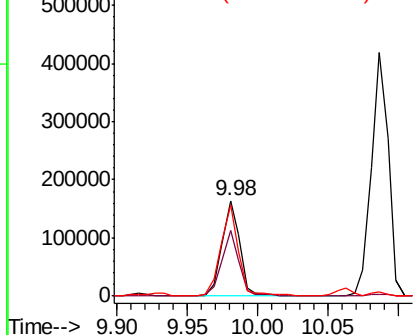


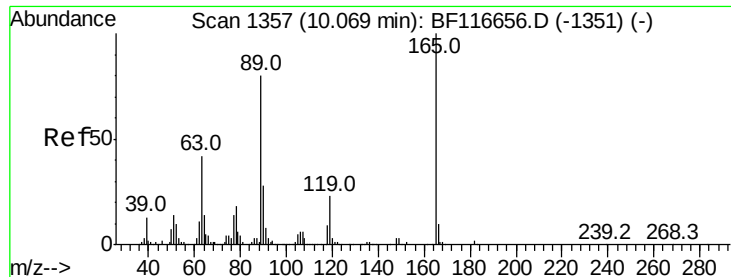
Abundance

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: 51.164 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 216932

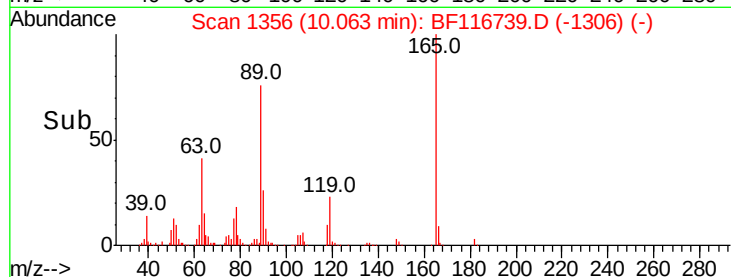
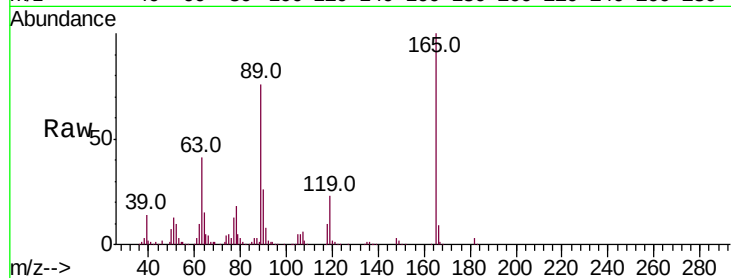
Ion Ratio Lower Upper

165 100

63 40.8 36.4 54.6

89 76.3 62.6 94.0

182 2.6 2.1 3.1

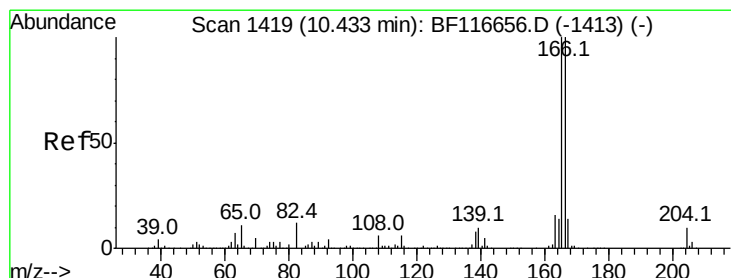
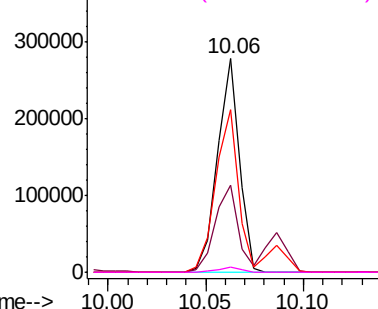


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.536 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

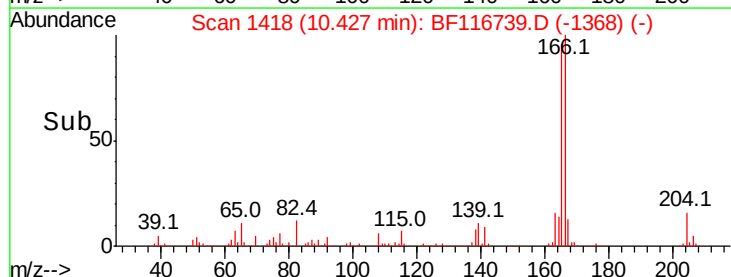
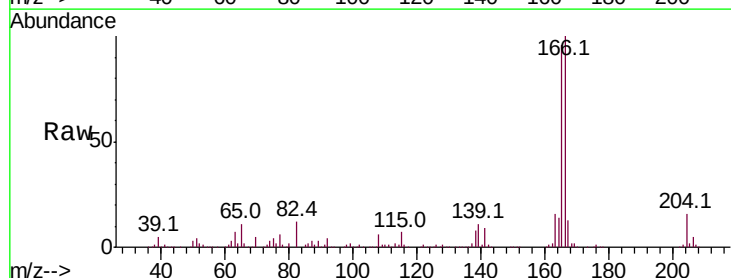
Tgt Ion:166 Resp: 671394

Ion Ratio Lower Upper

166 100

165 96.5 78.8 118.2

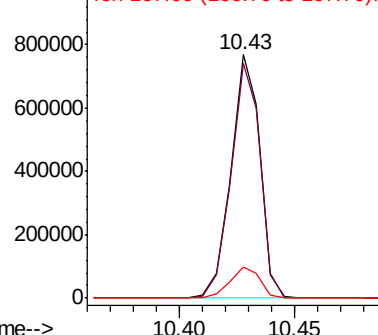
167 12.9 10.0 15.0

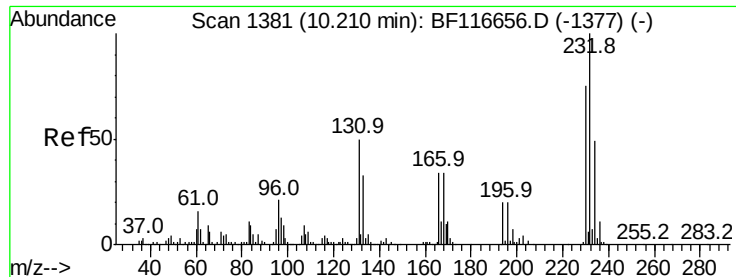


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

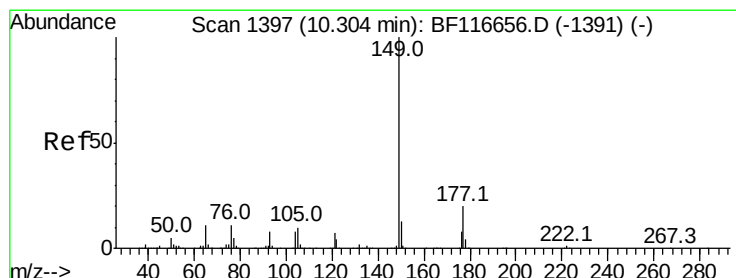
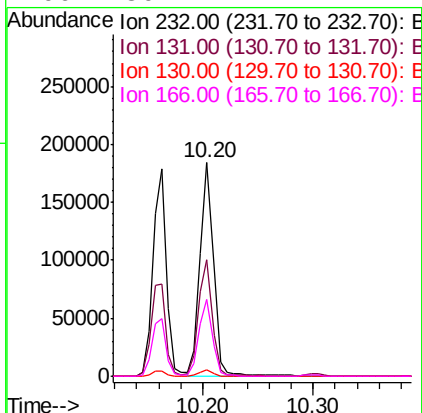
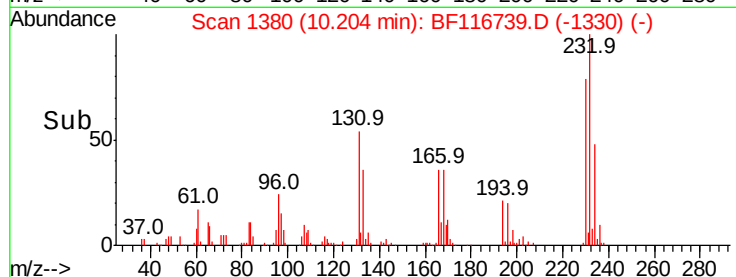
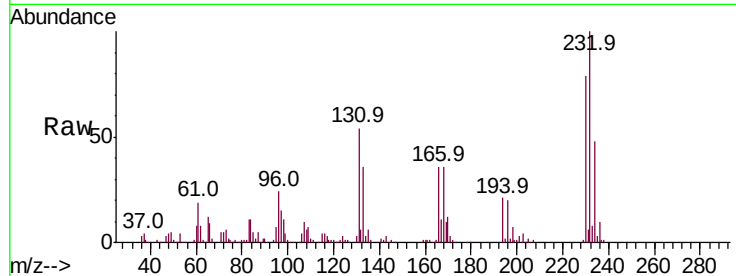




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.337 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

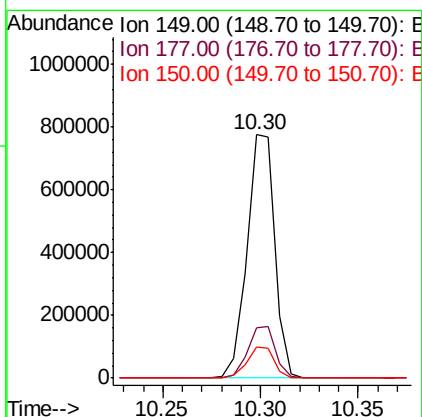
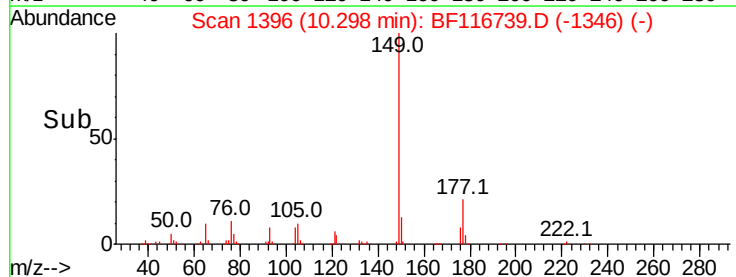
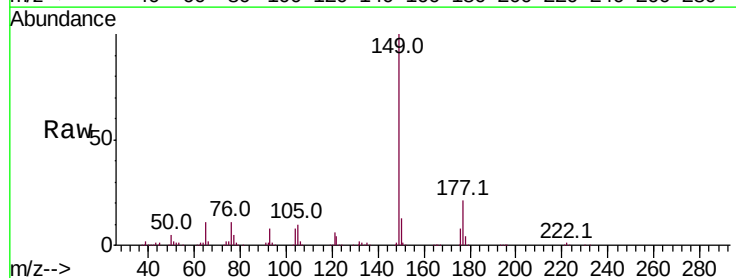
Instrument :
BNA_F
ClientSampleId :

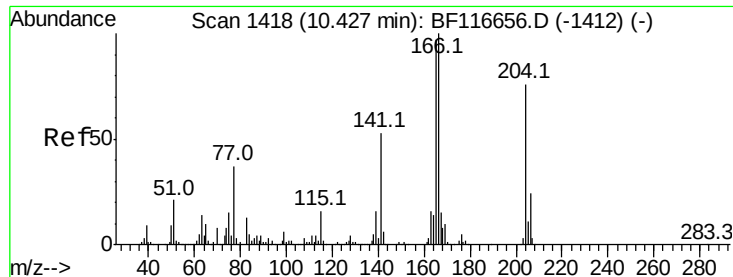
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.0	42.7	64.1
130	2.8	1.9	2.9
166	36.2	27.4	41.2



#60
Diethylphthalate
Concen: 41.825 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.2	25.8
150	12.7	9.7	14.5





#61

4-Chlorophenyl-phenylether

Concen: 42.911 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

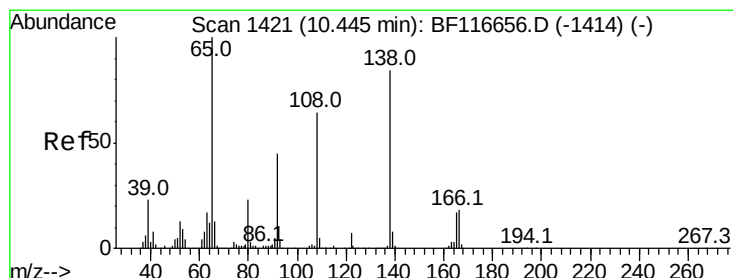
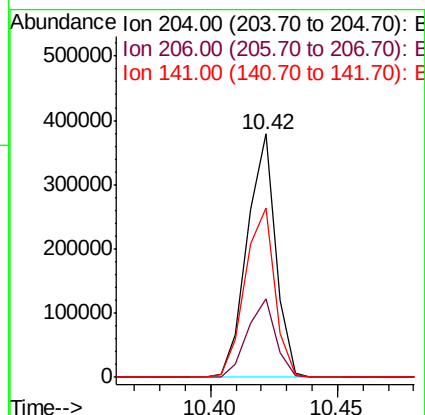
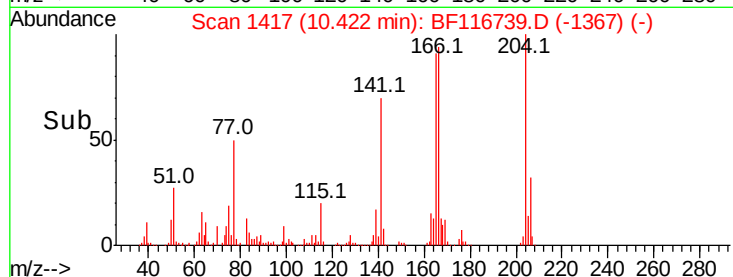
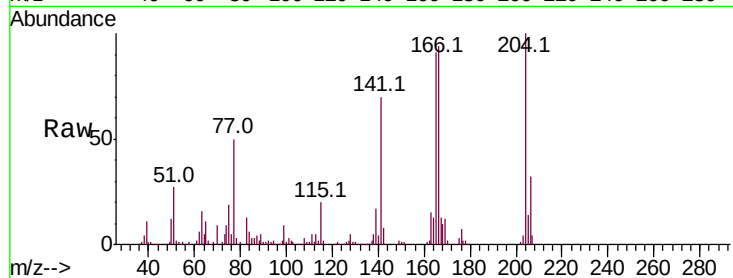
Tot Ion:204 Resp: 296597

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.2

141 69.7 53.8 80.8



#62

4-Nitroaniline

Concen: 47.341 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

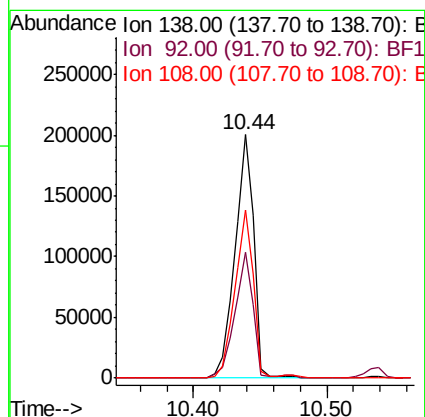
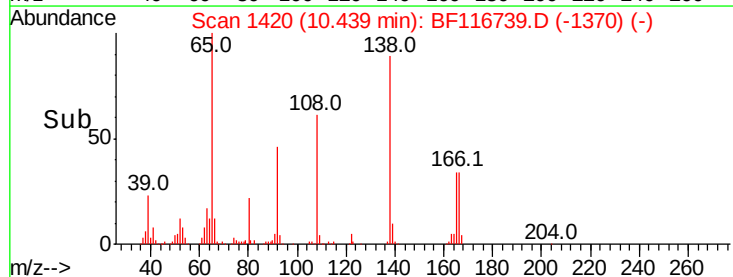
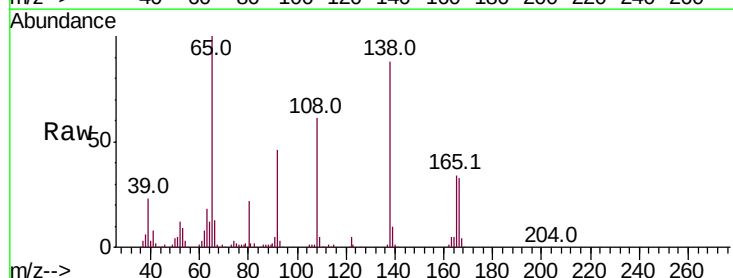
Tgt Ion:138 Resp: 199645

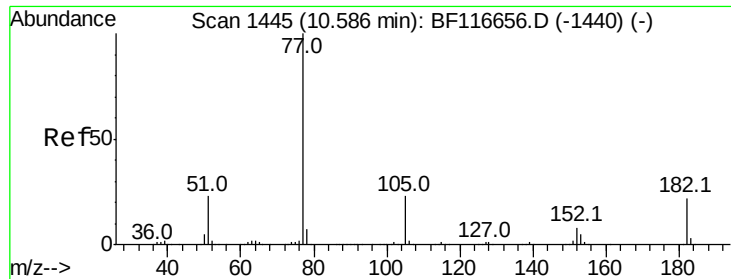
Ion Ratio Lower Upper

138 100

92 51.8 28.7 68.7

108 68.9 60.4 100.4

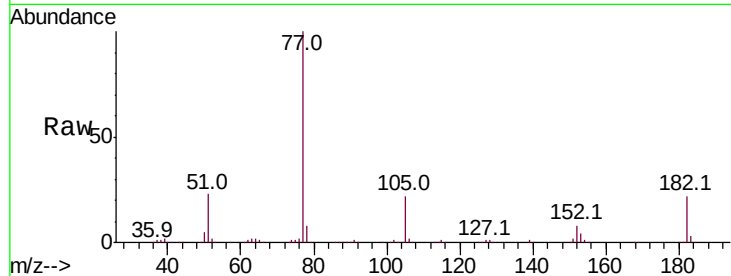




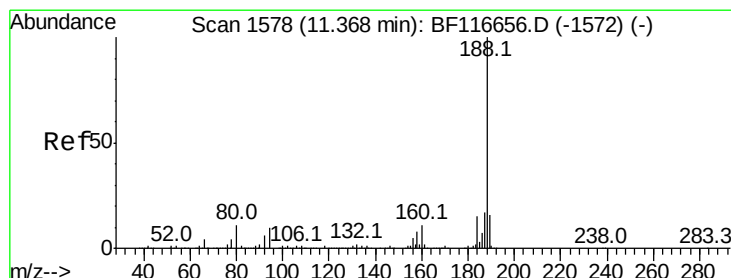
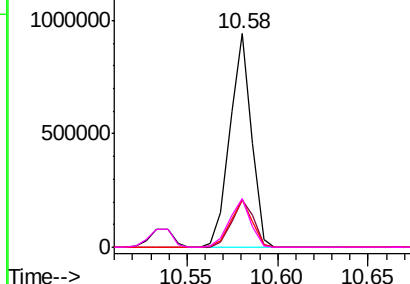
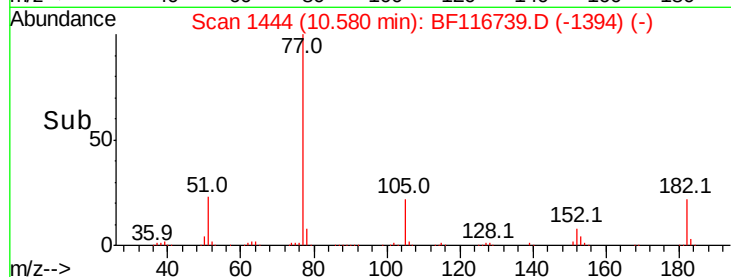
#63
Azobenzene
Concen: 41.114 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 780461
Ion Ratio Lower Upper
77 100
182 21.9 1.2 41.2
105 22.3 0.6 40.6
51 22.9 8.2 48.2

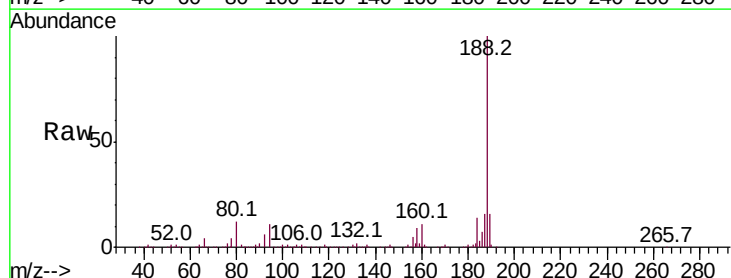


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

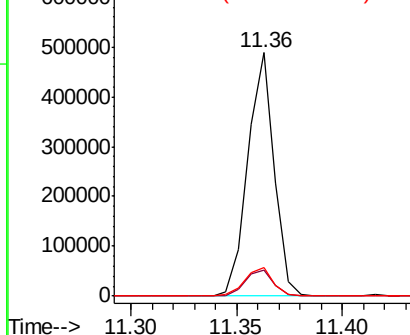
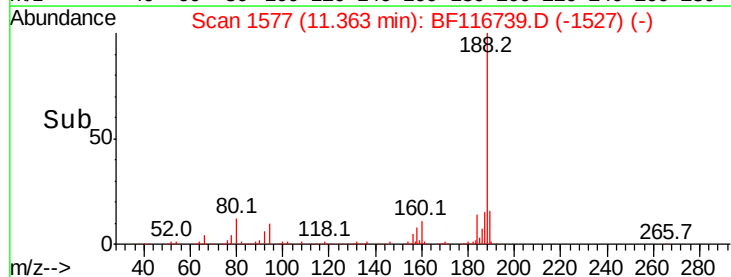


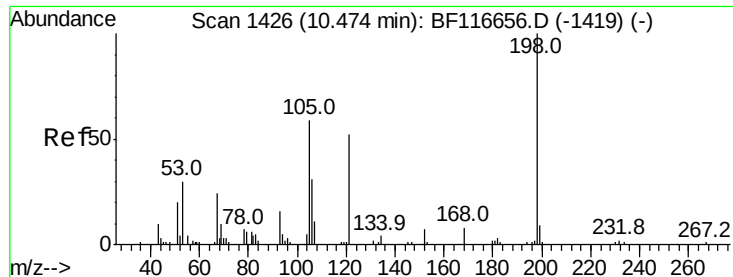
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion: 188 Resp: 420909
Ion Ratio Lower Upper
188 100
94 10.6 7.3 10.9
80 11.9 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: 52.890 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampled :

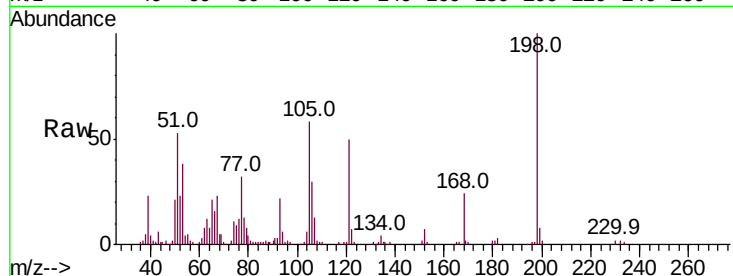
Tot Ion:198 Resp: 83382

Ion Ratio Lower Upper

198 100

51 52.9 18.4 58.4

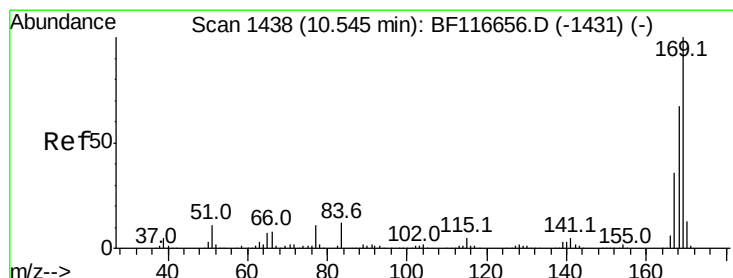
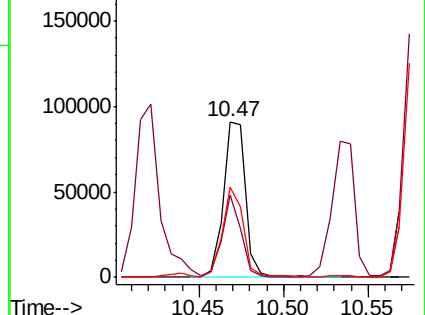
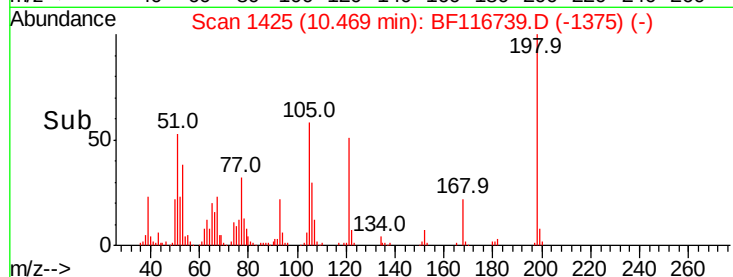
105 58.1 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.603 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

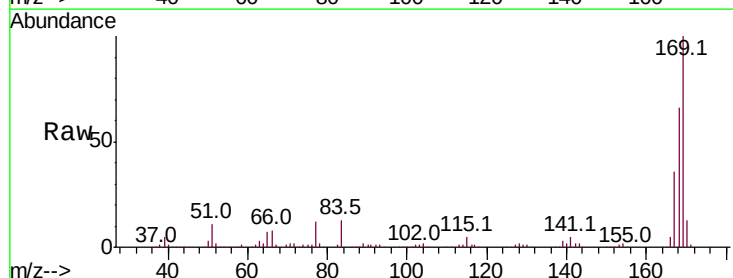
Tgt Ion:169 Resp: 605769

Ion Ratio Lower Upper

169 100

168 66.2 55.8 83.6

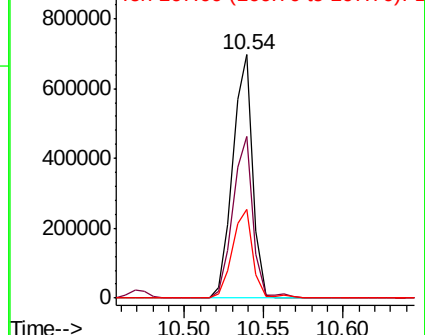
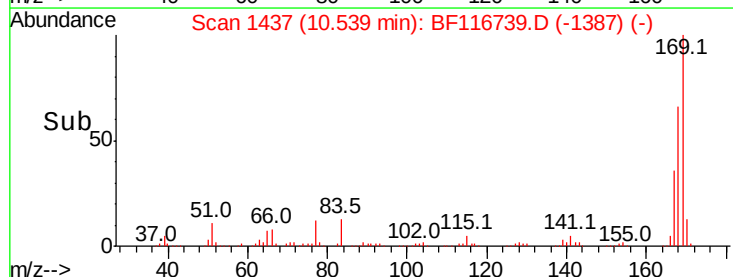
167 36.2 29.4 44.2

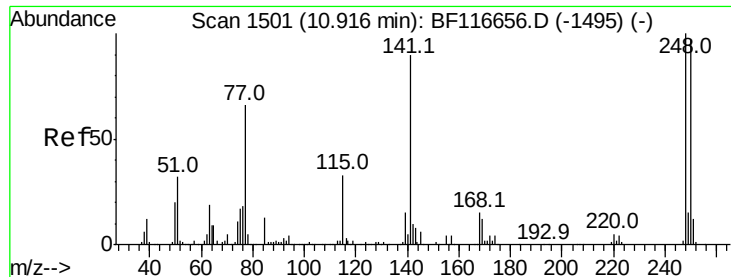


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

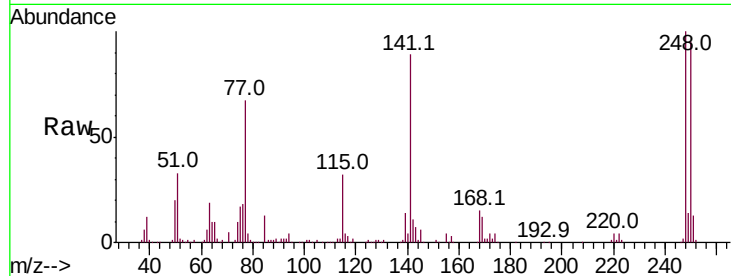




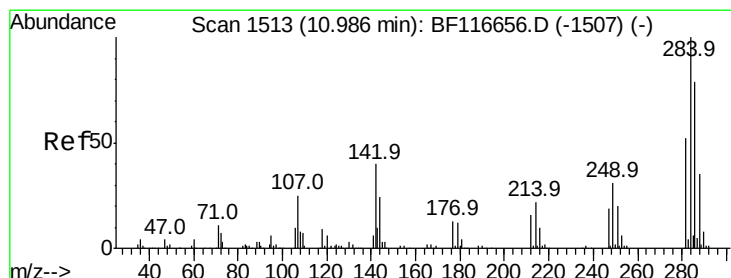
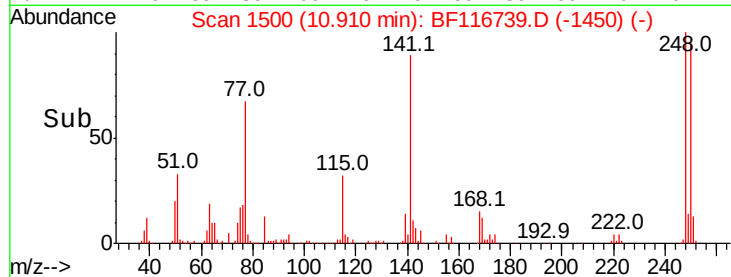
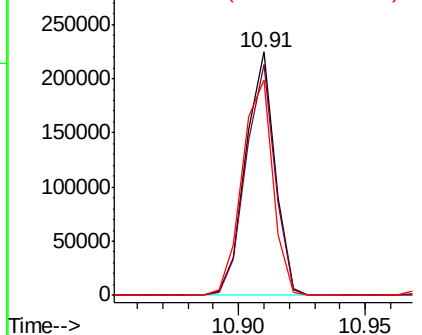
#67
4-Bromophenyl-phenylether
Concen: 42.325 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 180975
Ion Ratio Lower Upper
248 100
250 95.0 77.8 116.8
141 88.6 75.9 113.9

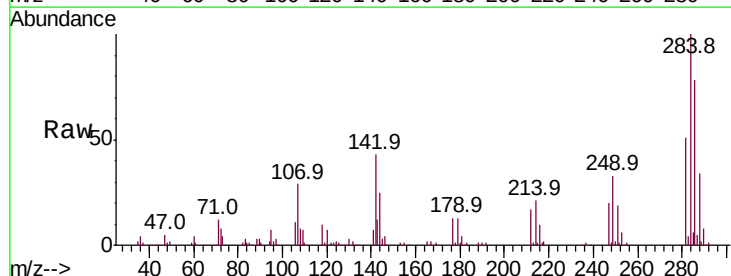


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

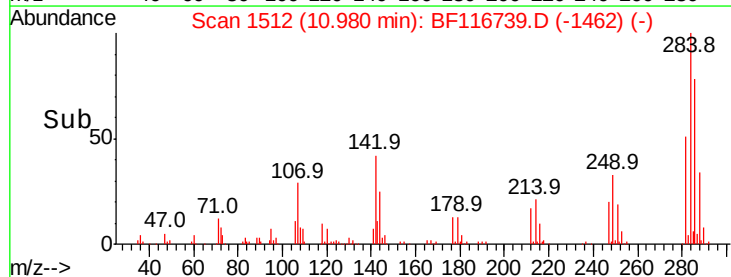
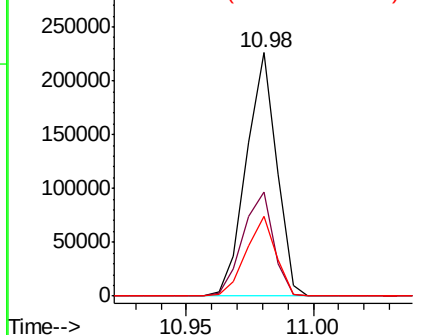


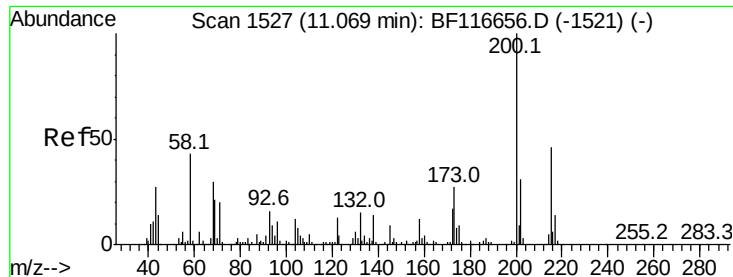
#68
Hexachlorobenzene
Concen: 42.129 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:284 Resp: 188470
Ion Ratio Lower Upper
284 100
142 42.5 34.0 51.0
249 32.7 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

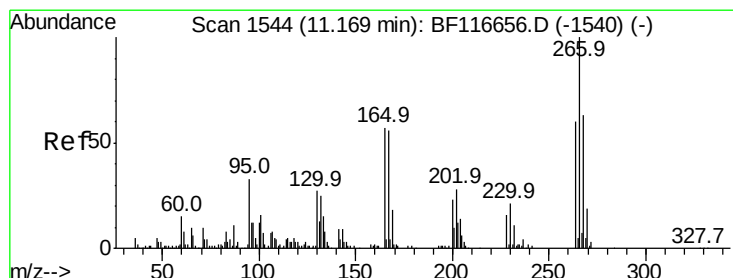
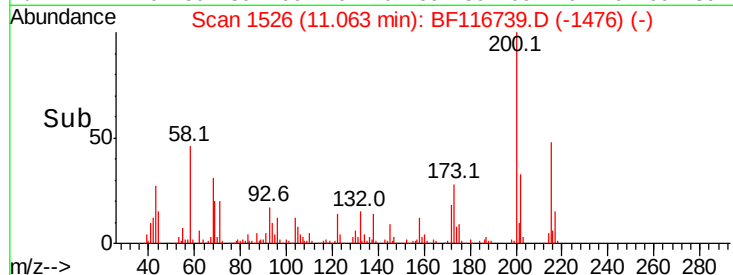
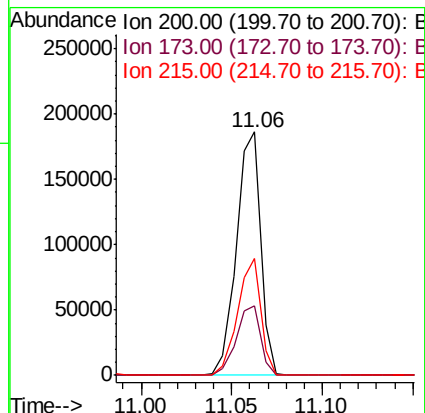
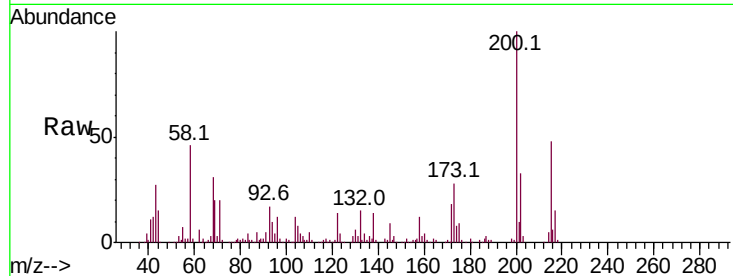




#69
Atrazine
Concen: 42.590 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

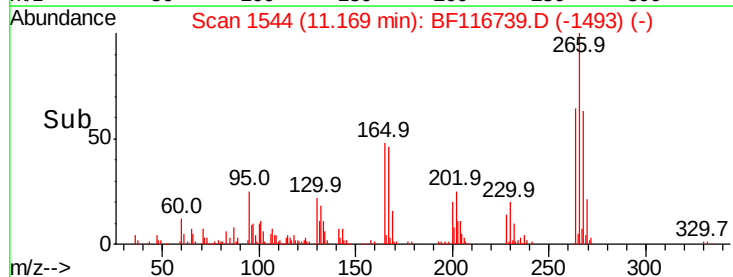
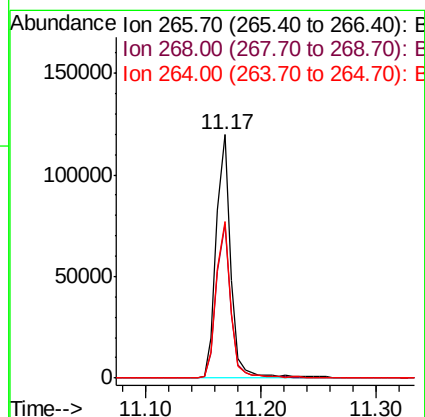
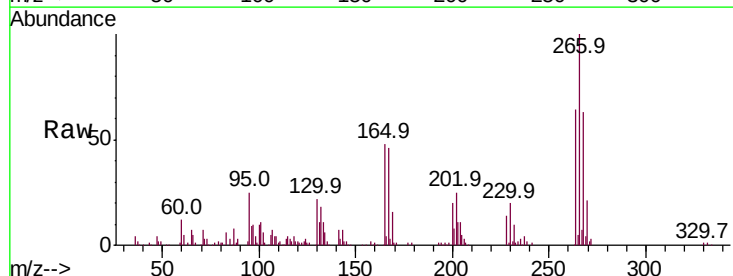
Instrument :
BNA_F
ClientSampled :

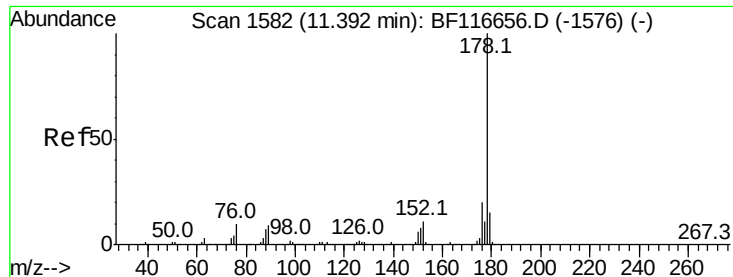
Tot Ion:200 Resp: 173683
Ion Ratio Lower Upper
200 100
173 28.3 6.2 46.2
215 48.0 24.3 64.3



#70
Pentachlorophenol
Concen: 48.714 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:266 Resp: 105424
Ion Ratio Lower Upper
266 100
268 63.3 51.2 76.8
264 64.1 51.9 77.9

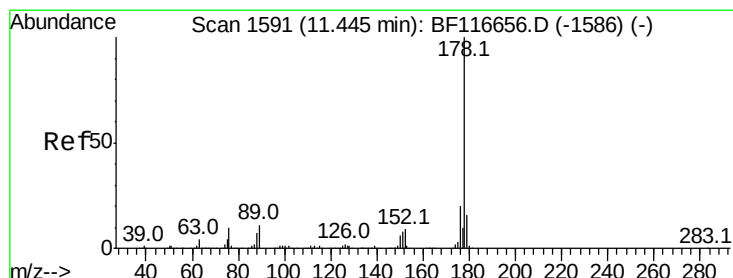
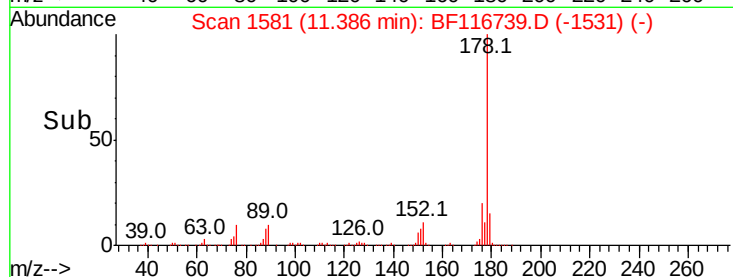
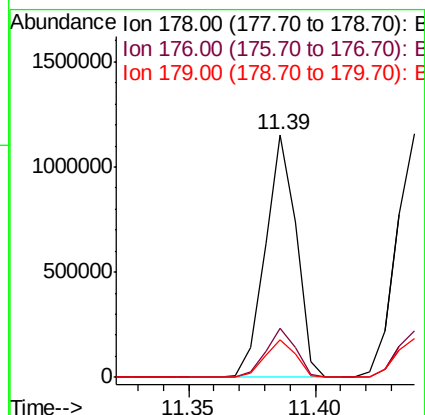
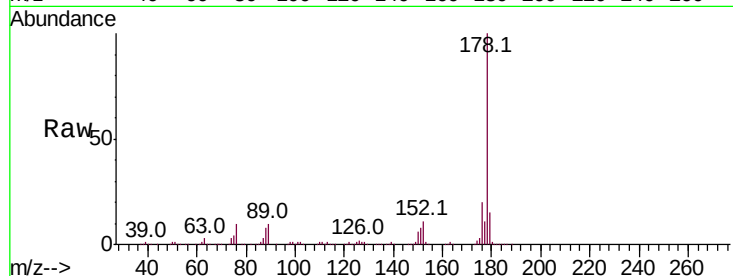




#71
Phenanthrene
Concen: 41.508 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

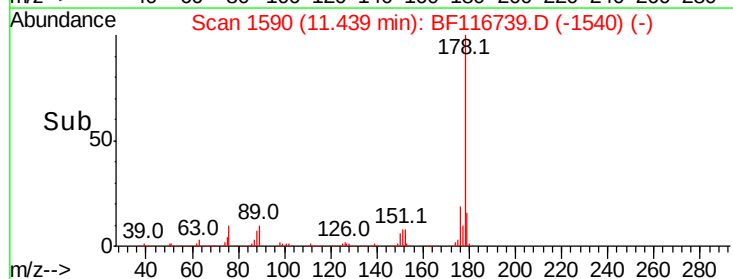
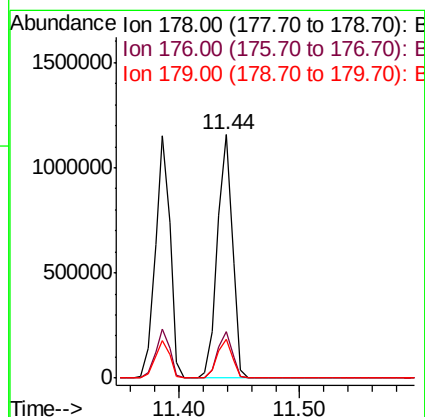
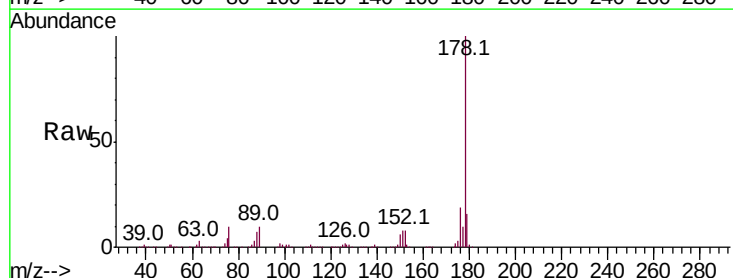
Instrument :
BNA_F
ClientSampleId :

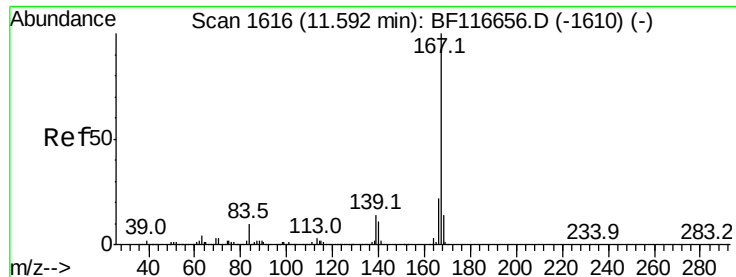
Tot Ion:178 Resp: 972549
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 41.595 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:178 Resp: 981058
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.8 12.5 18.7





#73

Carbazole

Concen: 41.817 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

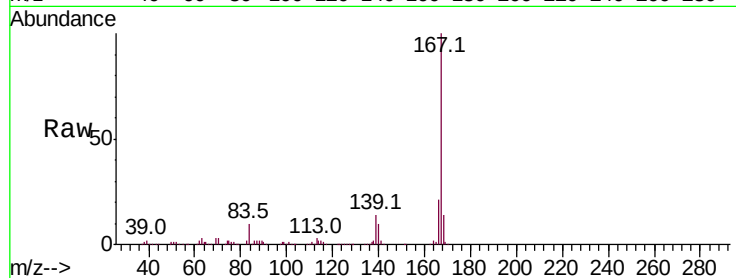
Tot Ion:167 Resp: 939519

Ion Ratio Lower Upper

167 100

166 21.2 17.8 26.6

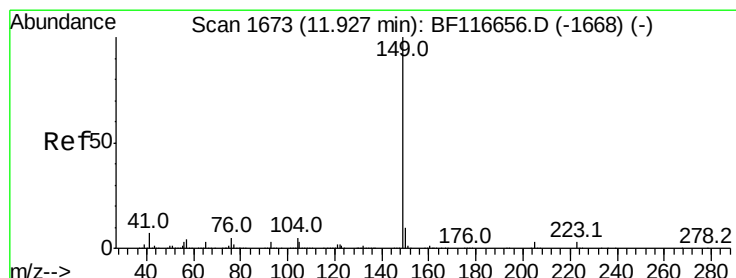
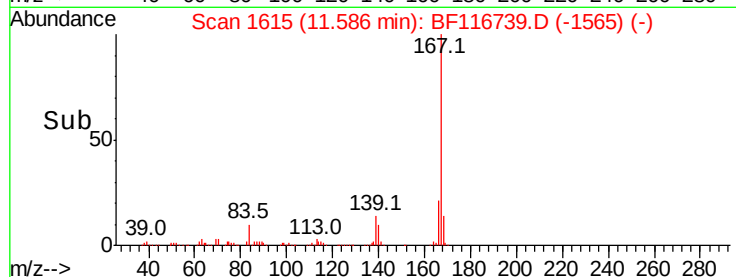
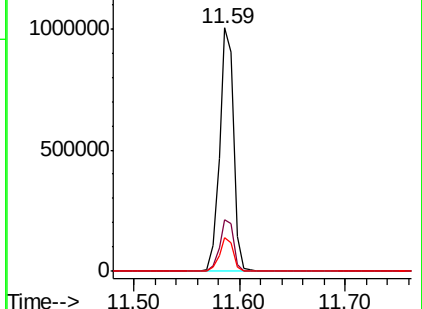
139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.720 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

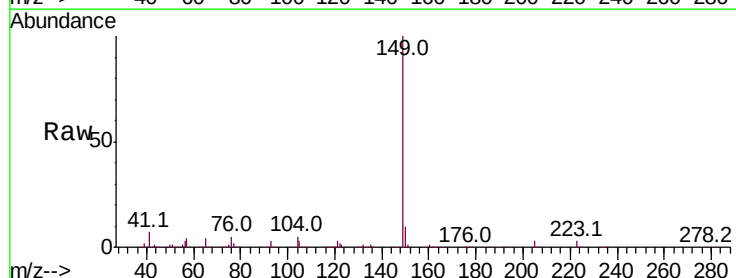
Tgt Ion:149 Resp: 1201622

Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

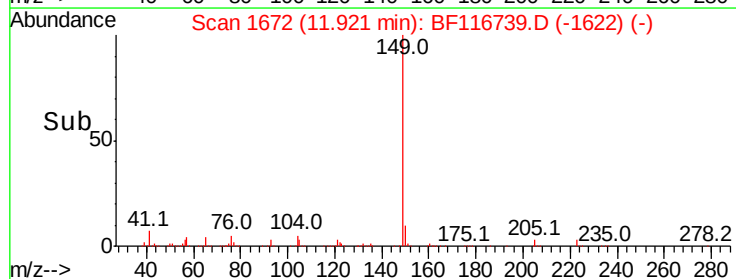
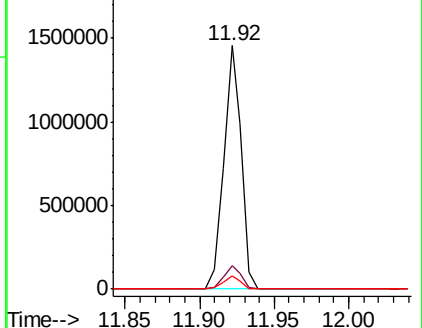
104 5.3 4.2 6.2

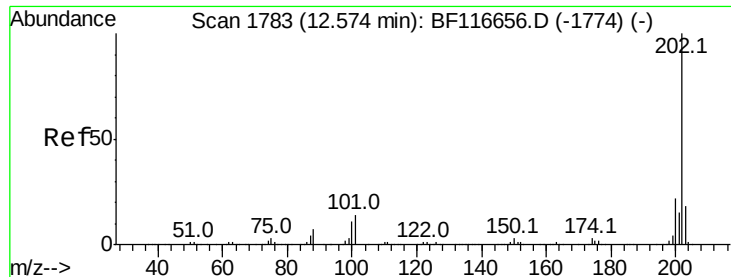


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

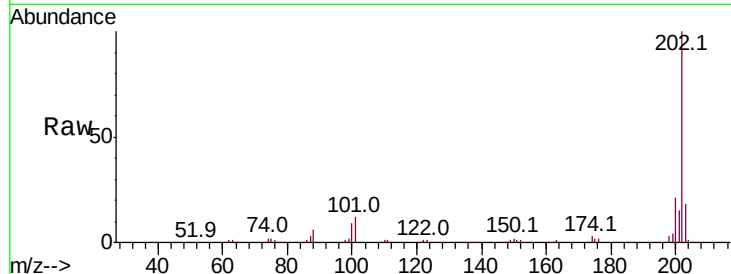




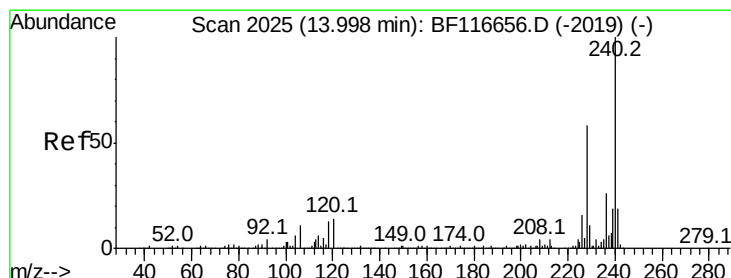
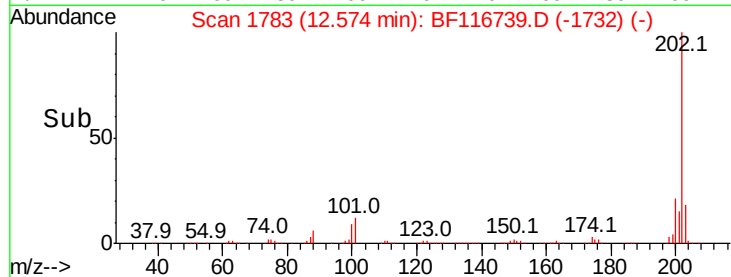
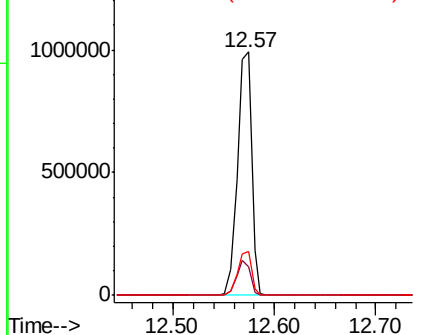
#75
 Fluoranthene
 Concen: 42.161 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	18.2	0.0	37.6

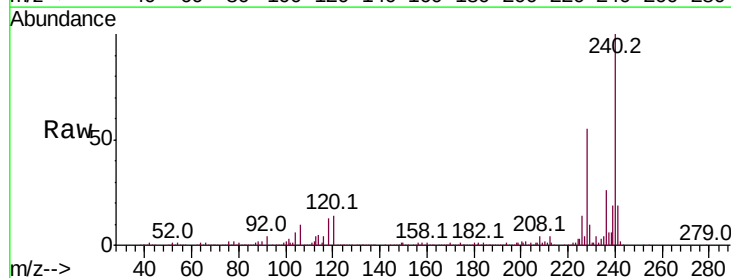


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

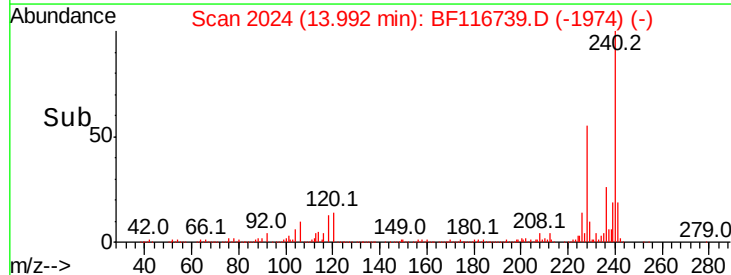
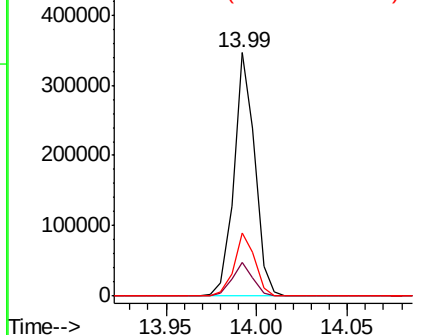


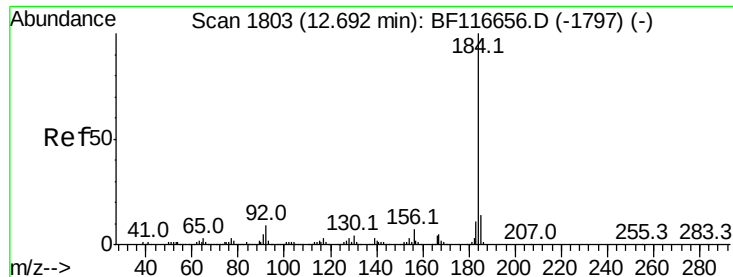
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116739.D
 Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.1	13.7#
236	26.0	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: 43.228 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

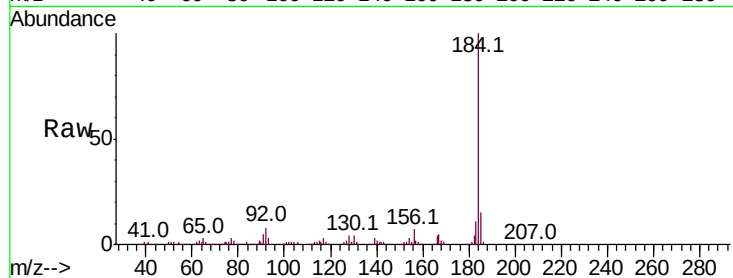
Tot Ion:184 Resp: 470669

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

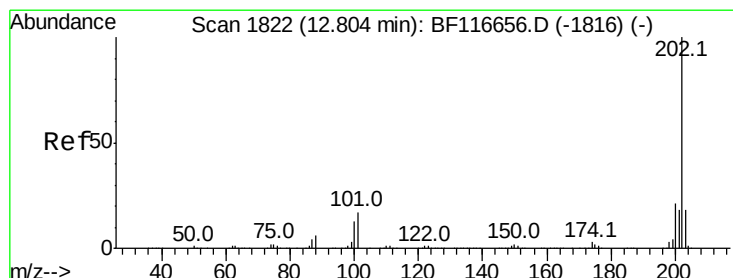
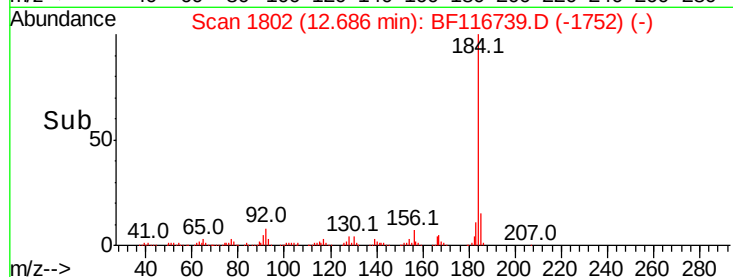
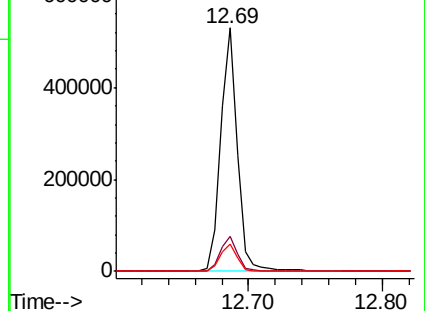
183 11.3 9.2 13.8



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: 40.296 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

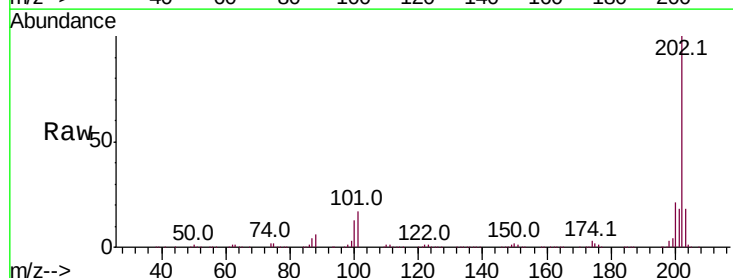
Tgt Ion:202 Resp: 994370

Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

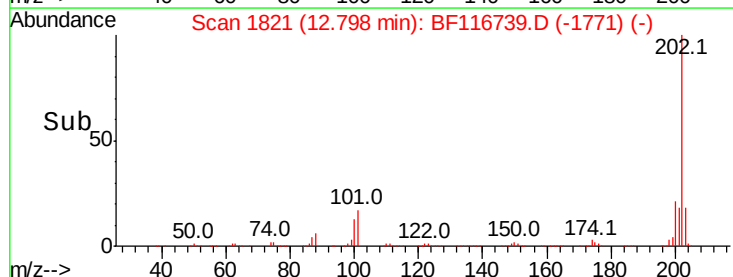
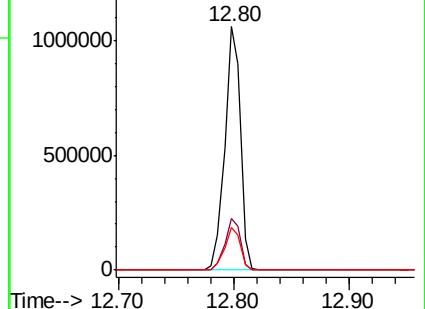
203 17.7 13.7 20.5

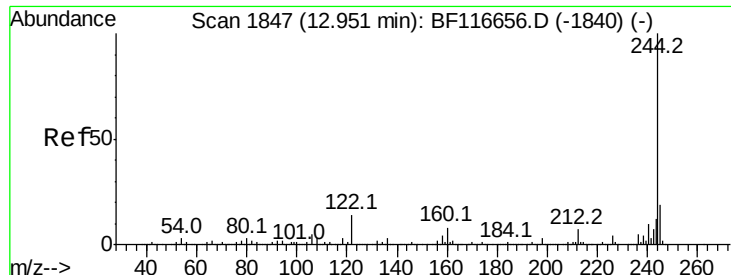


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.181 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampleId :

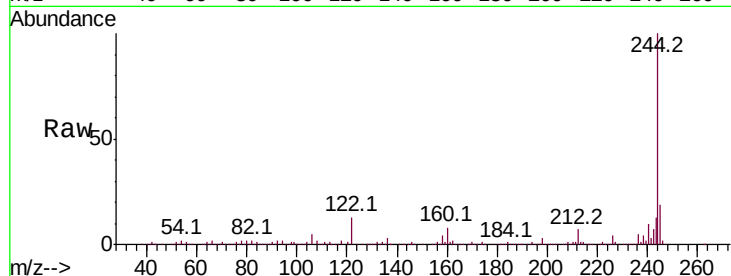
Tot Ion:244 Resp: 1218180

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

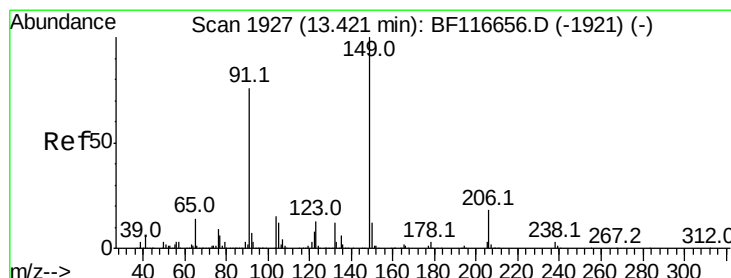
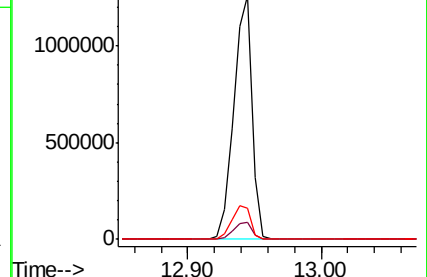
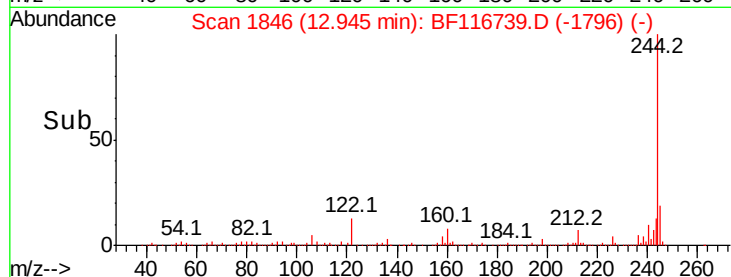
122 13.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.936 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

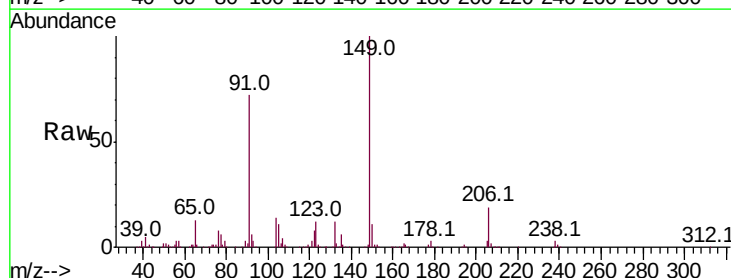
Tgt Ion:149 Resp: 491240

Ion Ratio Lower Upper

149 100

91 71.8 61.0 91.4

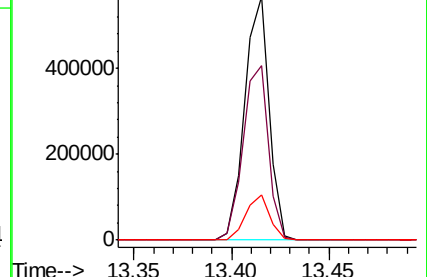
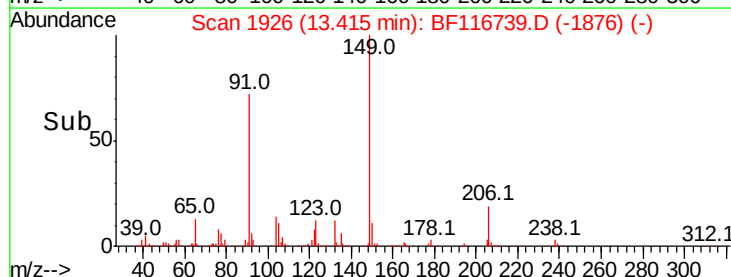
206 18.7 14.8 22.2

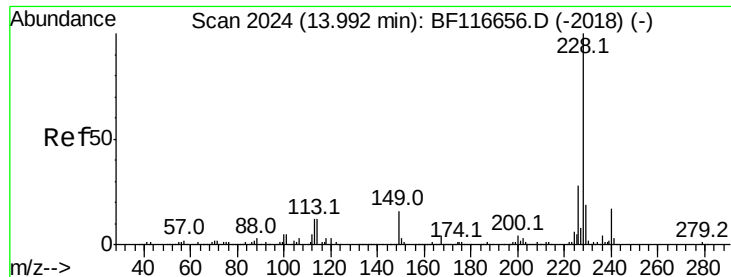


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

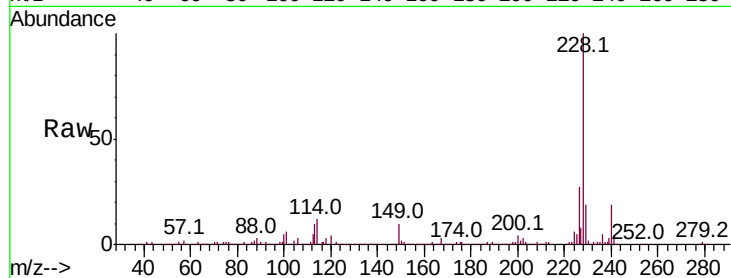




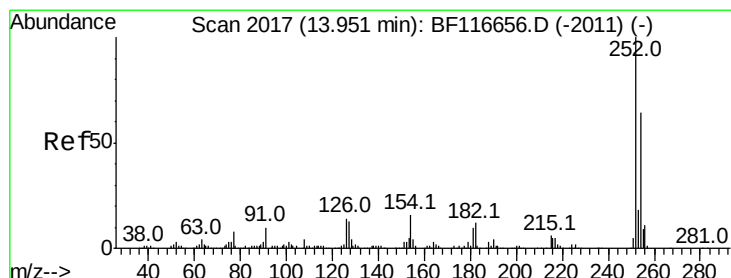
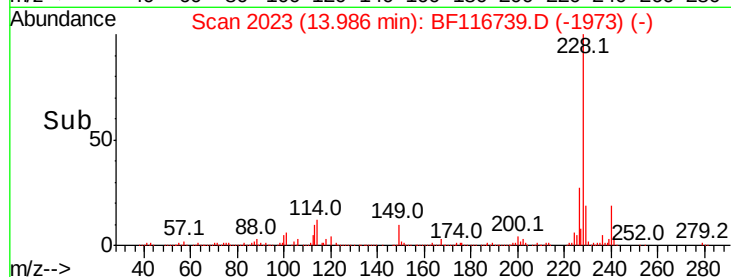
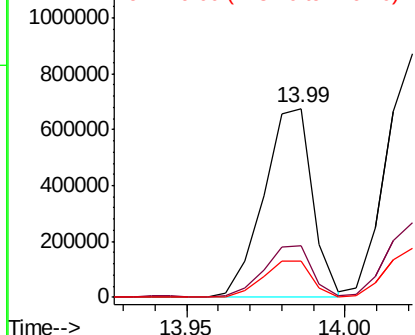
#81
Benzo(a)anthracene
Concen: 41.139 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 722777
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.3 16.4 24.6

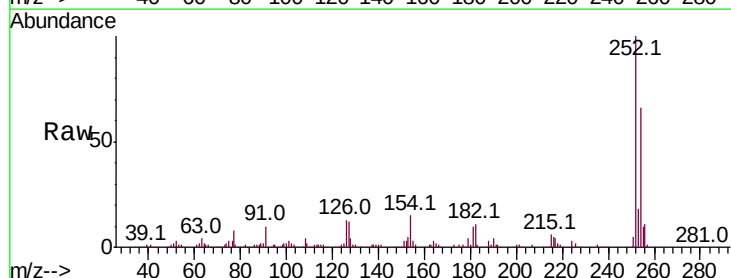


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

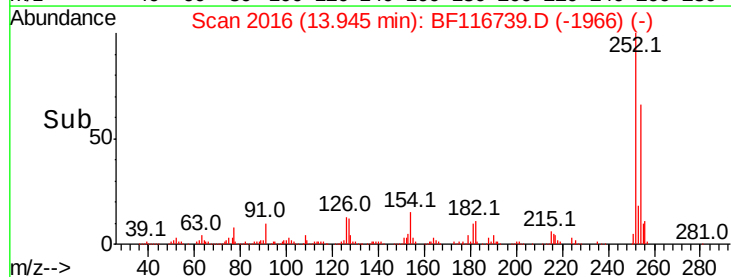
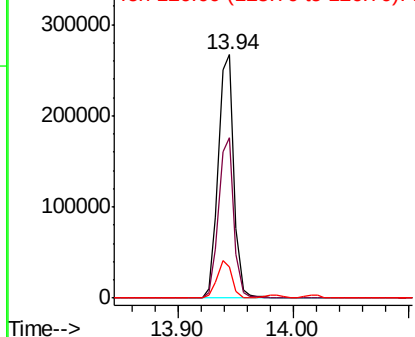


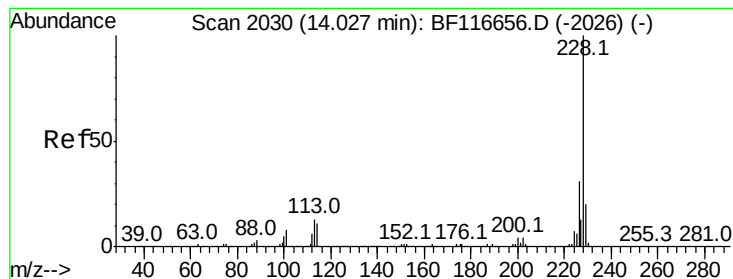
#82
3,3'-Dichlorobenzidine
Concen: 42.472 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:252 Resp: 252171
Ion Ratio Lower Upper
252 100
254 65.8 50.1 75.1
126 12.7 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.288 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

Instrument :

BNA_F

ClientSampled :

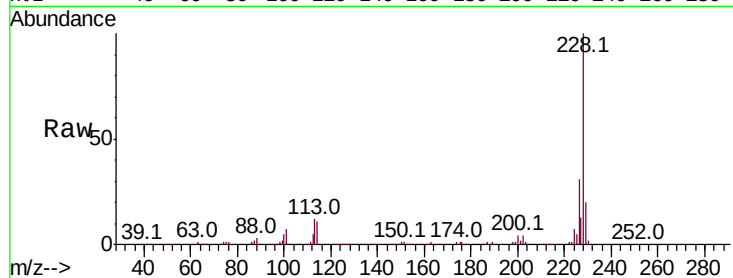
Tot Ion:228 Resp: 747324

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.0 15.4 23.0

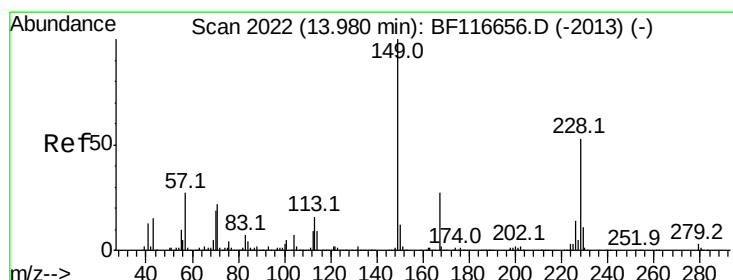
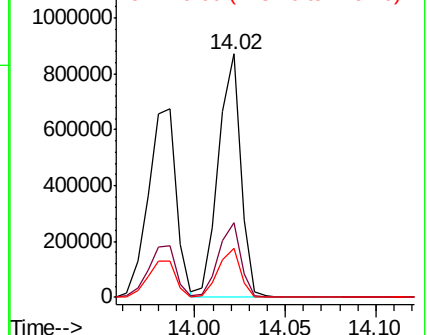
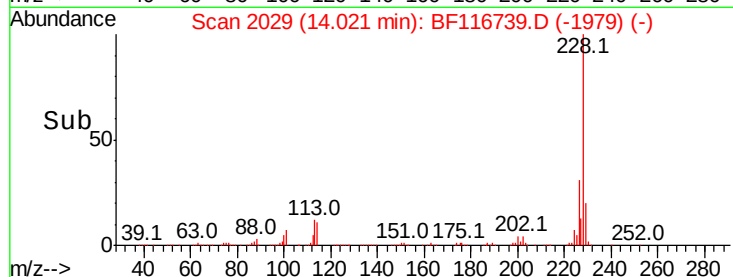


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.215 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116739.D

Acq: 1 Sep 2019 13:30

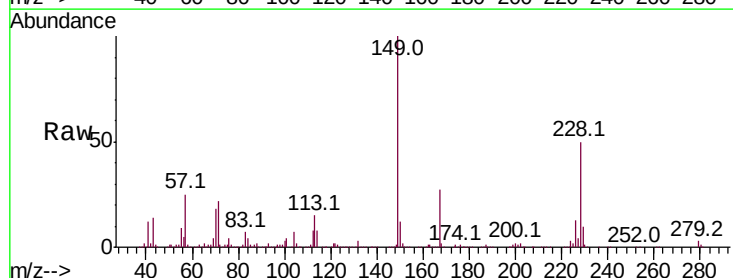
Tgt Ion:149 Resp: 625346

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 3.1 2.8 4.2

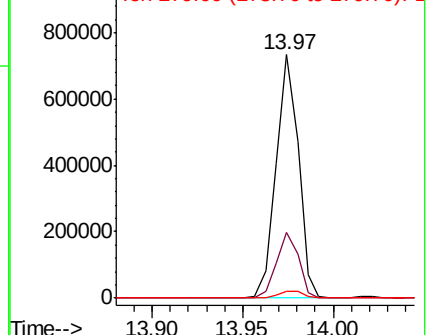
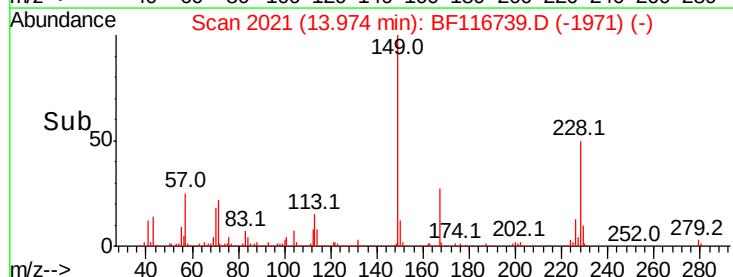


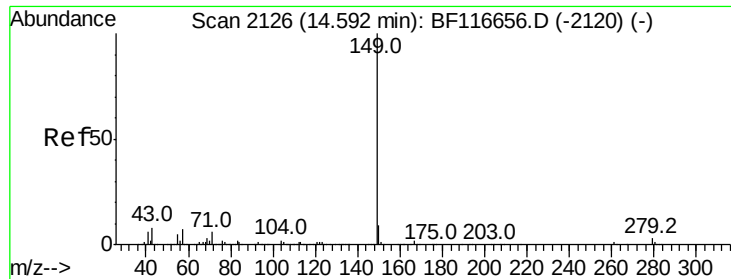
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

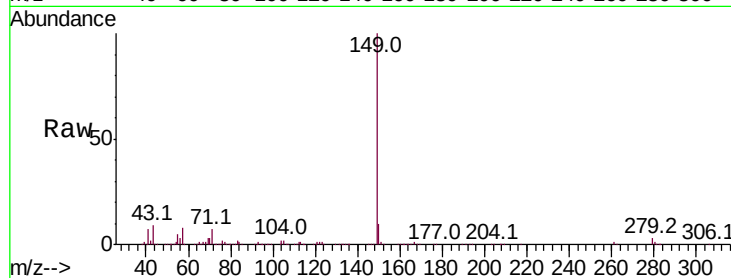




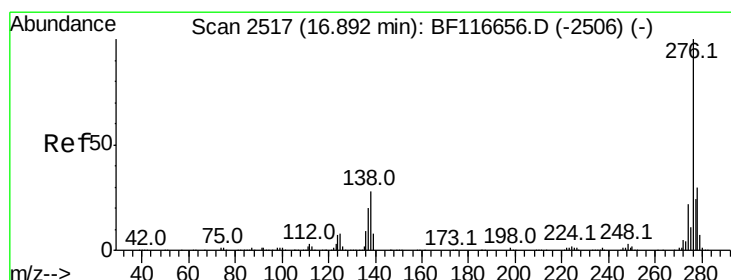
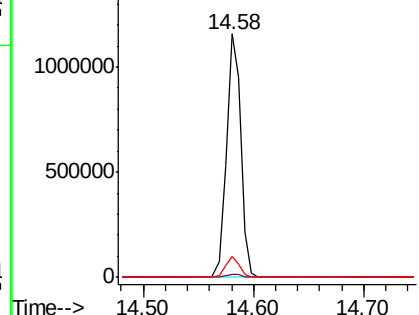
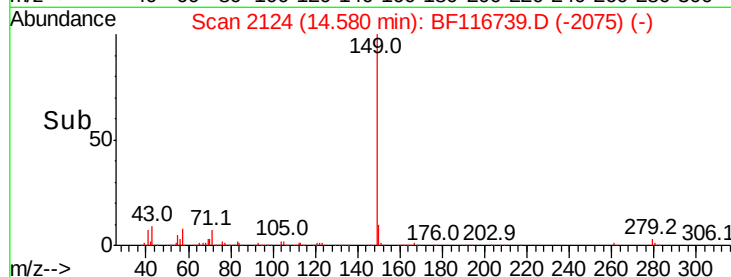
#85
Di-n-octyl phthalate
Concen: 43.175 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1046630
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 7.8 11.8

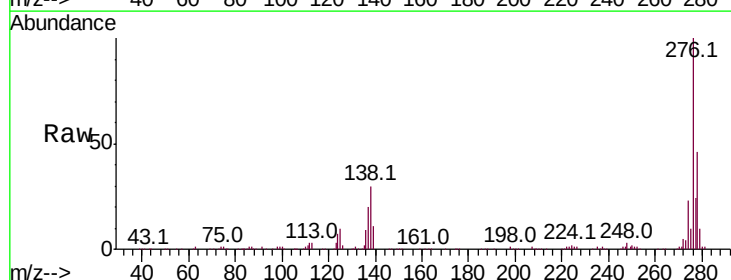


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

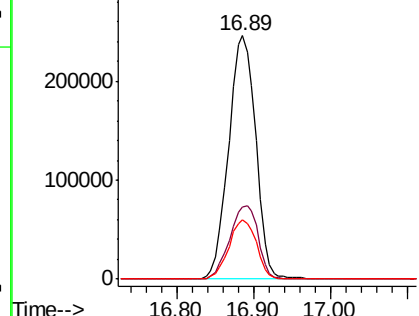
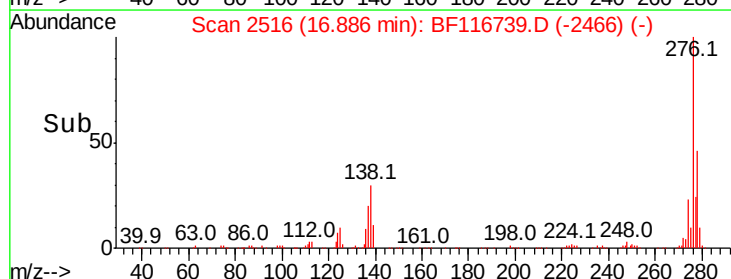


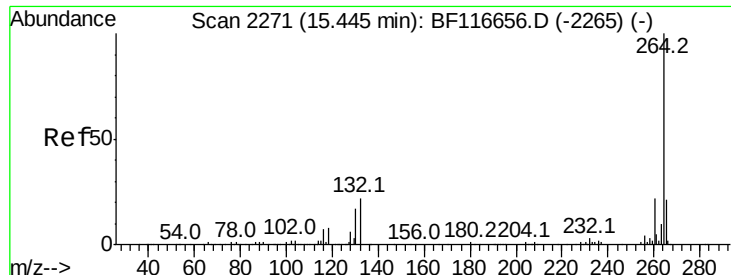
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.558 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:276 Resp: 604200
Ion Ratio Lower Upper
276 100
138 31.8 19.4 29.2#
277 24.7 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

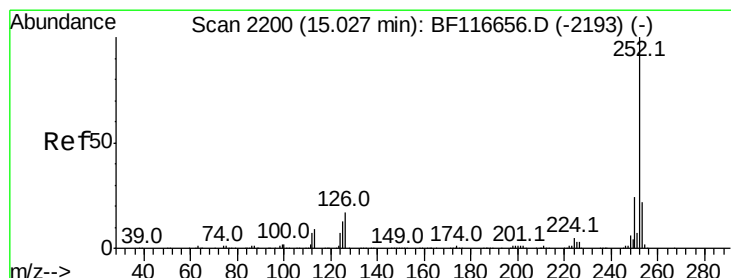
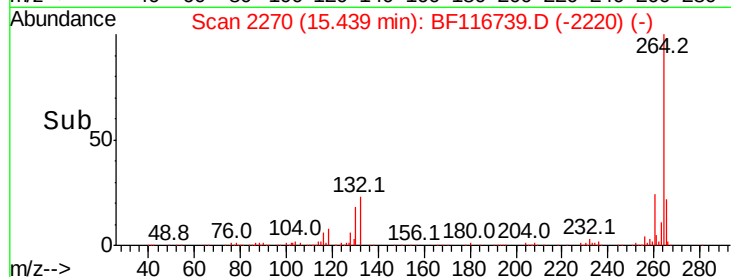
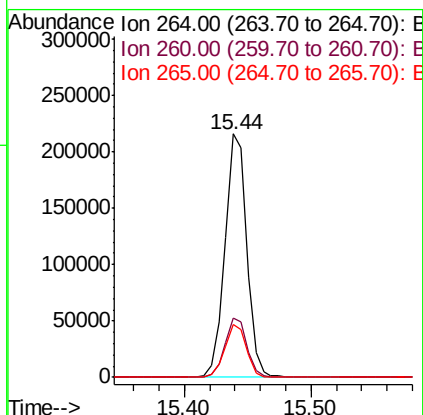
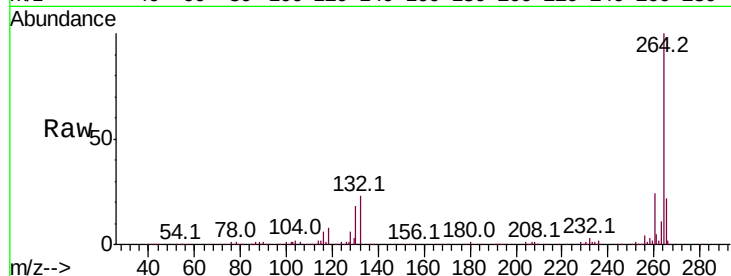




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

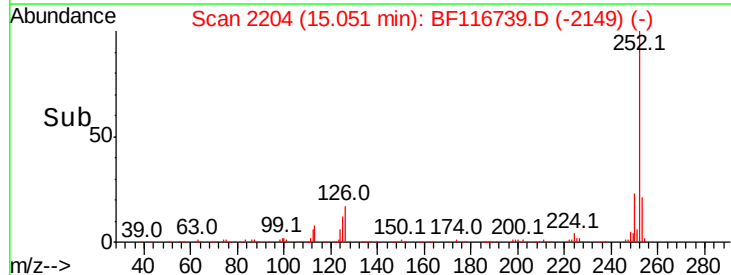
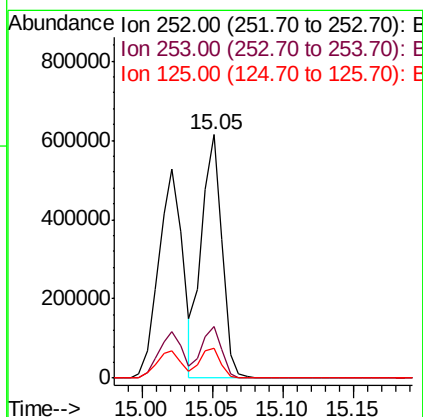
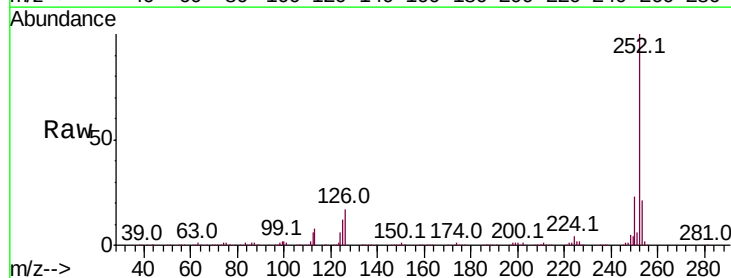
Instrument :
BNA_F
ClientSampled :

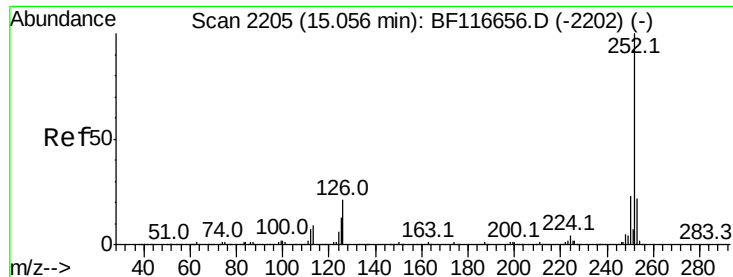
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.9	16.5	24.7



#88
Benzo(b)fluoranthene
Concen: 39.798 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	12.0	8.2	12.2

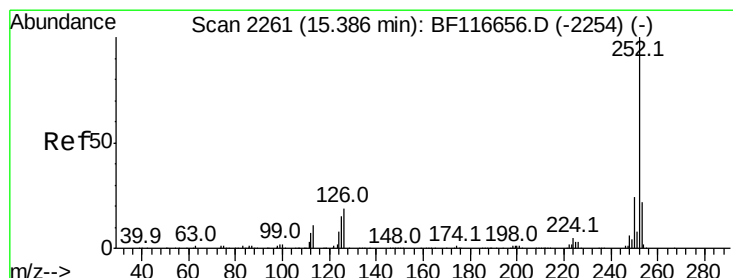
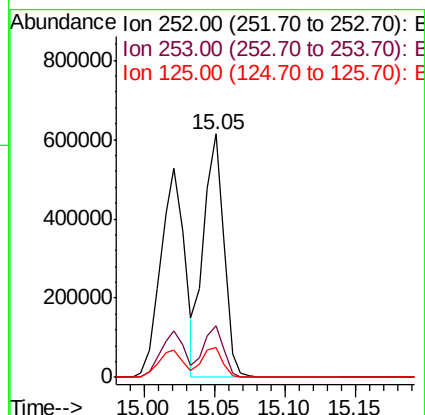
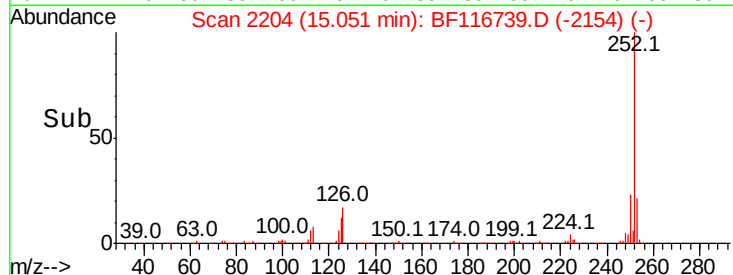
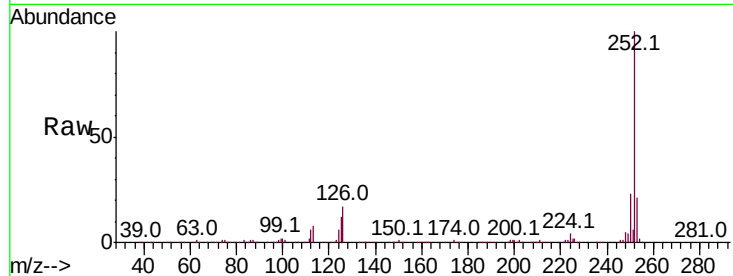




#89
Benzo(k)fluoranthene
Concen: 43.649 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

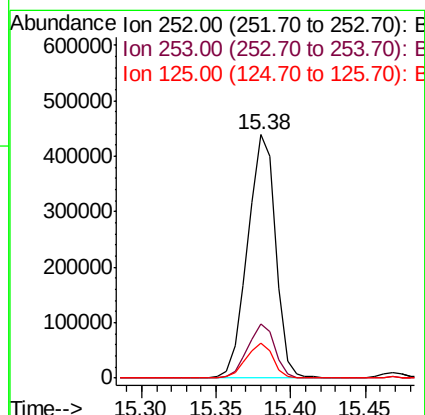
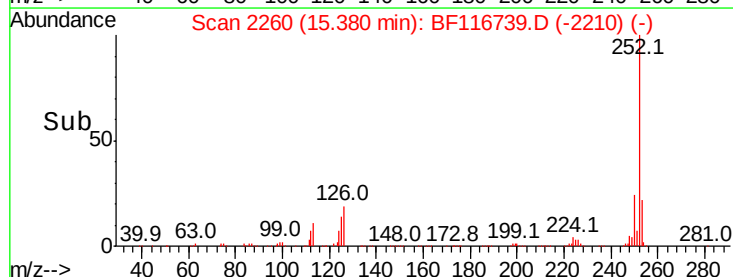
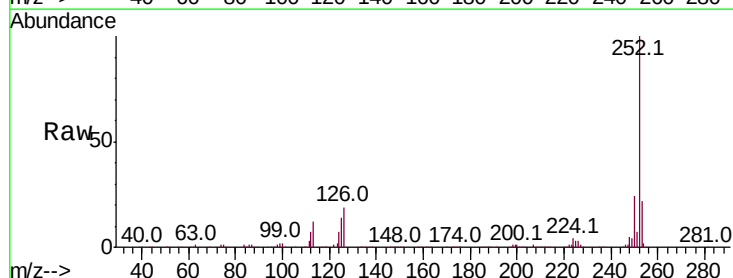
Instrument :
BNA_F
ClientSampleId :

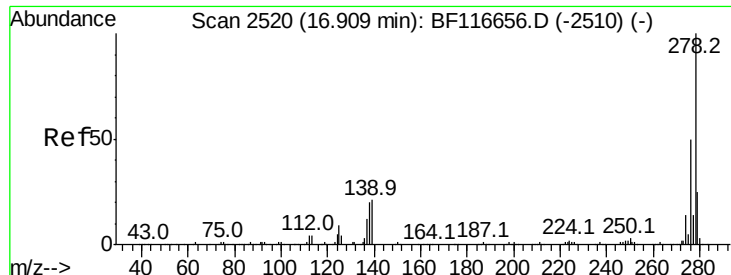
Tot Ion:252	Resp:	616551
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.7 26.5
125	12.0	8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.139 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion:252	Resp:	567959
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.1 27.1
125	14.5	9.8 14.8

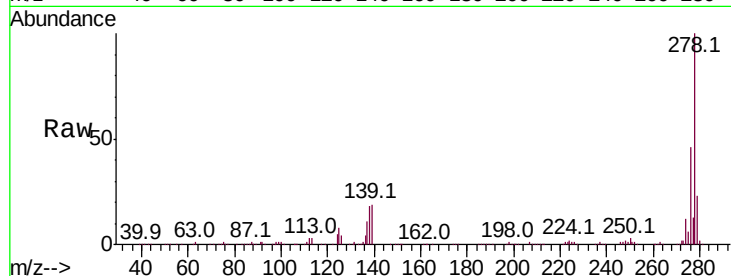




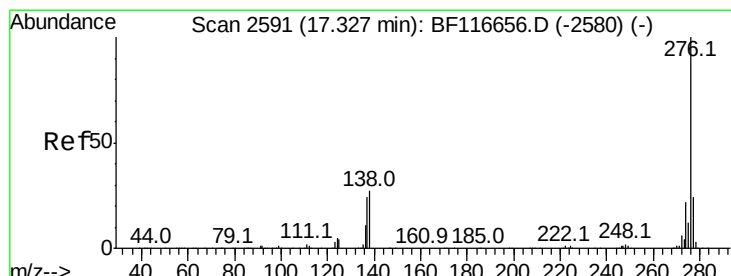
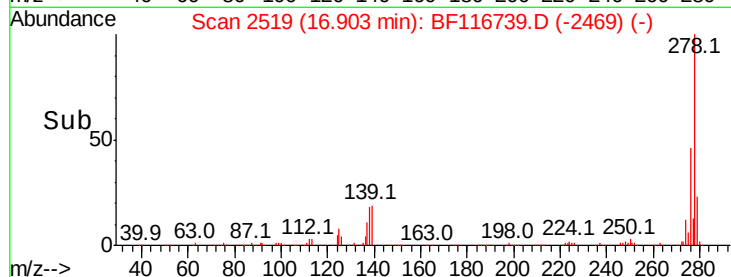
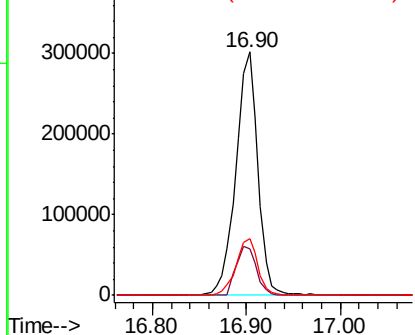
#91
Dibenzo(a,h)anthracene
Concen: 41.613 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.4	18.6#
279	23.2	18.2	27.4

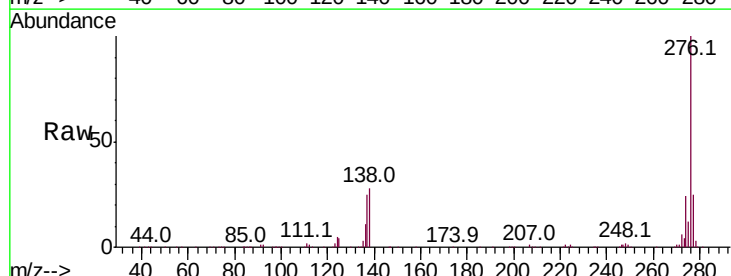


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.425 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116739.D
Acq: 1 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.5	27.7
138	28.0	16.2	24.2#



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

