

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116765.D
 Acq On : 3 Sep 2019 11:57
 Operator : HP/JU
 Sample : PB122720BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 03 13:00:09 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	152150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	640407	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	337032	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	547347	20.00	ng	0.00
76) Chrysene-d12	14.00	240	356252	20.00	ng	0.00
87) Perylene-d12	15.46	264	342488	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1041432	110.89	ng	0.02
7) Phenol-d6	6.49	99	1352998	109.71	ng	0.00
23) Nitrobenzene-d5	7.41	82	789375	70.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	290353	128.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1365859	68.36	ng	0.00
79) Terphenyl-d14	12.94	244	1295298	67.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	188496	43.478	ng	99
3) Pyridine	3.45	79	470285	37.465	ng	95
4) n-Nitrosodimethylamine	3.39	42	170147	39.473	ng	# 75
6) Aniline	6.51	93	573997	33.605	ng	98
8) 2-Chlorophenol	6.64	128	471794	46.018	ng	99
9) Benzaldehyde	6.40	77	327775	40.343	ng	93
10) Phenol	6.50	94	589295	43.153	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	453286	42.630	ng	98
12) 1,3-Dichlorobenzene	6.79	146	480311	41.452	ng	97
13) 1,4-Dichlorobenzene	6.87	146	491630	42.617	ng	98
14) 1,2-Dichlorobenzene	7.02	146	456229	42.675	ng	97
15) Benzyl Alcohol	6.99	79	430003	42.955	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512329	41.068	ng	99
17) 2-Methylphenol	7.10	107	397777	44.321	ng	96
18) Hexachloroethane	7.36	117	185567	41.403	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	334393	41.182	ng	92
20) 3+4-Methylphenols	7.26	107	470449	45.083	ng	# 79
22) Acetophenone	7.26	105	649105	42.101	ng	# 96
24) Nitrobenzene	7.43	77	515562	45.188	ng	95
25) Isophorone	7.67	82	954349	41.983	ng	99
26) 2-Nitrophenol	7.75	139	246331	58.073	ng	93
27) 2,4-Dimethylphenol	7.79	122	429062	50.086	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	594175	42.774	ng	99
29) 2,4-Dichlorophenol	7.99	162	385063	46.772	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	376666	42.182	ng	97
31) Naphthalene	8.16	128	1327176	43.583	ng	99
32) Benzoic acid	7.91	122	277276	57.324	ng	92
33) 4-Chloroaniline	8.20	127	346249	24.979	ng	95
34) Hexachlorobutadiene	8.27	225	199424	40.960	ng	100
35) Caprolactam	8.57	113	83130	26.981	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	441874	46.699	ng	98
37) 2-Methylnaphthalene	8.85	142	900157	44.427	ng	96
38) 1-Methylnaphthalene	8.95	142	843560	44.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	327578	40.545	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	407411	87.324	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	261981	47.303	nq	95
44) 2,4,5-Trichlorophenol	9.16	196	272290	47.357	nq	96
46) 1,1'-Biphenyl	9.31	154	1063866	41.599	nq	98
47) 2-Chloronaphthalene	9.33	162	840303	41.484	nq	100
48) 2-Nitroaniline	9.42	65	276464	47.210	nq	96
49) Acenaphthylene	9.75	152	1331216	43.476	nq	99
50) Dimethylphthalate	9.61	163	981853	42.197	nq	98
51) 2,6-Dinitrotoluene	9.67	165	229249	51.639	nq	# 80
52) Acenaphthene	9.92	154	866819	46.074	nq	99
53) 3-Nitroaniline	9.83	138	195509	35.141	nq	97
54) 2,4-Dinitrophenol	9.94	184	172646	106.254	nq	88
55) Dibenzofuran	10.09	168	1146808	43.240	nq	98
56) 4-Nitrophenol	10.00	139	385463	101.044	nq	87
57) 2,4-Dinitrotoluene	10.07	165	300915	55.433	nq	98
58) Fluorene	10.43	166	885866	43.836	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	209619	50.515	nq	98
60) Diethylphthalate	10.31	149	998533	42.841	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	382983	43.278	nq	93
62) 4-Nitroaniline	10.45	138	255298	47.284	nq	92
63) Azobenzene	10.59	77	1041350	42.847	nq	92
65) 4,6-Dinitro-2-methylphenol	10.48	198	126609	60.508	nq	86
66) n-Nitrosodiphenylamine	10.55	169	824440	43.541	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	234901	42.246	nq	92
68) Hexachlorobenzene	10.99	284	244380	42.007	nq	94
69) Atrazine	11.07	200	233369	44.006	nq	98
70) Pentachlorophenol	11.17	266	289024	102.702	nq	99
71) Phenanthrene	11.39	178	1284058	42.143	nq	99
72) Anthracene	11.44	178	1319980	43.037	nq	100
73) Carbazole	11.60	167	1230982	42.134	nq	99
74) Di-n-butylphthalate	11.93	149	1554608	41.507	nq	99
75) Fluoranthene	12.58	202	1283333	42.859	nq	99
77) Benzidine	12.69	184	621574	44.484	nq	100
78) Pyrene	12.81	202	1294208	40.867	nq	98
80) Butylbenzylphthalate	13.42	149	648327	42.098	nq	95
81) Benzo(a)anthracene	13.99	228	972622	43.137	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	270512	35.502	nq	96
83) Chrysene	14.03	228	978748	42.135	nq	97
84) Bis(2-ethylhexyl)phthalate	13.98	149	865501	45.528	nq	97
85) Di-n-octyl phthalate	14.59	149	1505449	48.391	nq	96
86) Indeno(1,2,3-cd)pyrene	16.91	276	768138	41.169	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	873694	42.195	nq	97
89) Benzo(k)fluoranthene	15.03	252	873694	46.277	nq	98
90) Benzo(a)pyrene	15.40	252	802104	44.525	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	631307	40.036	nq	# 94
92) Benzo(g,h,i)perylene	17.34	276	632173	39.310	nq	# 92

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

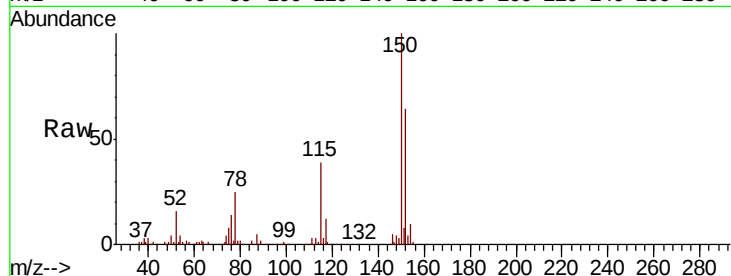


#1

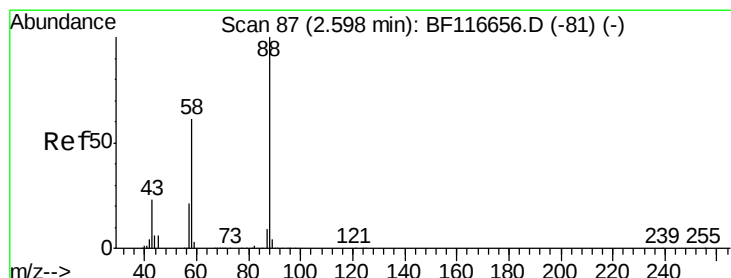
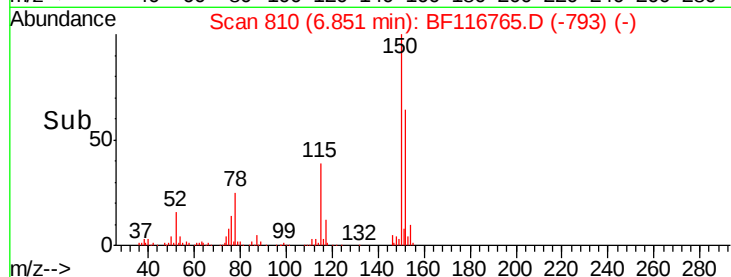
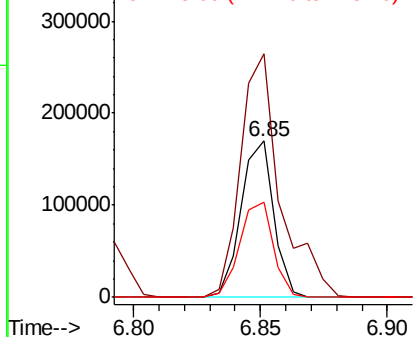
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.4	186.6
115	61.2	49.9	74.9



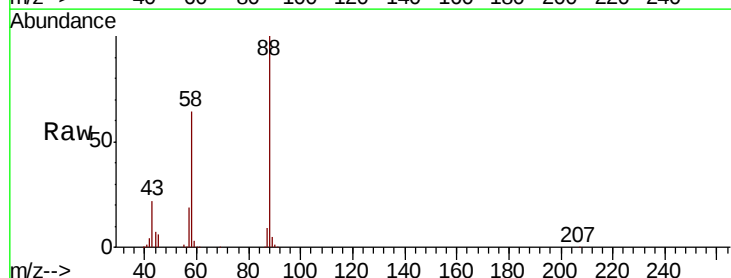
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



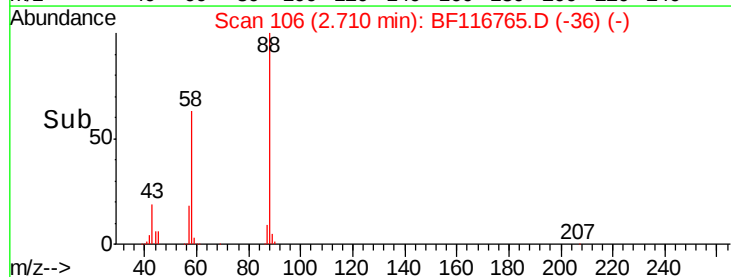
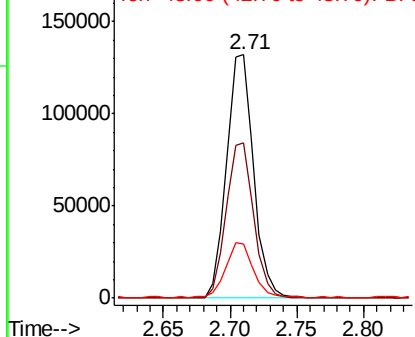
#2

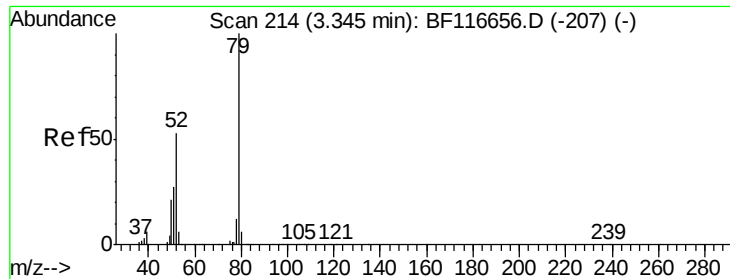
1,4-Dioxane
Concen: 43.478 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.11 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	51.7	77.5
43	22.6	19.8	29.8



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





#3

Pvridine

Concen: 37.465 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.10 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

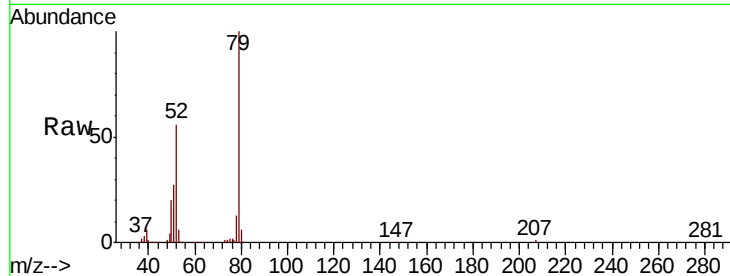
Tot Ion: 79 Resp: 470285

Ion Ratio Lower Upper

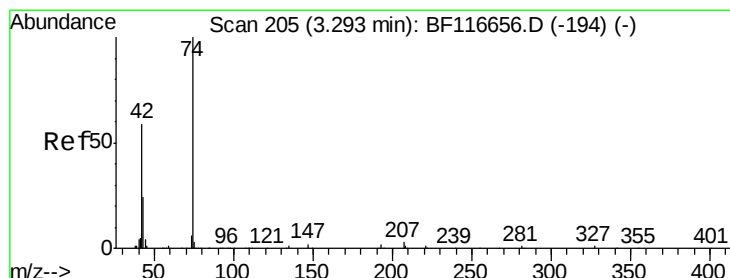
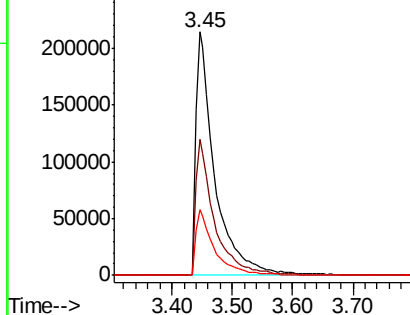
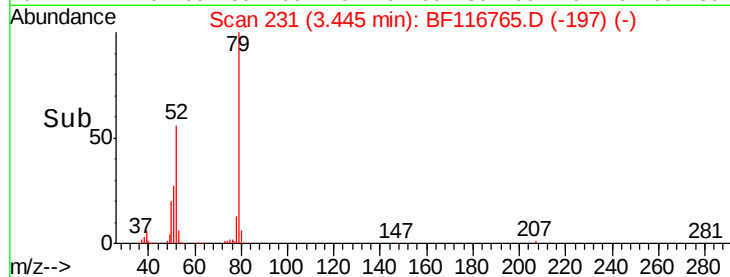
79 100

52 55.7 47.4 71.0

51 27.2 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: 39.473 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

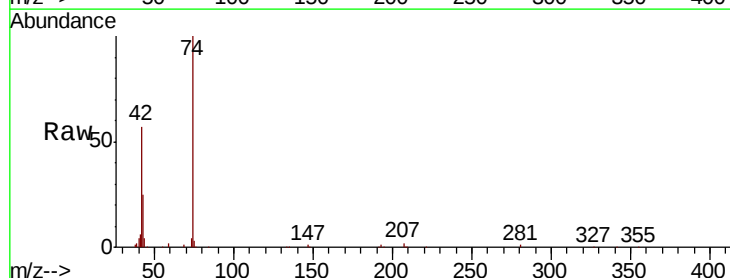
Tgt Ion: 42 Resp: 170147

Ion Ratio Lower Upper

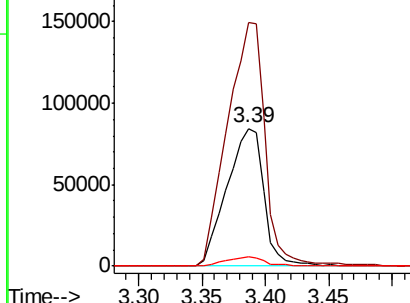
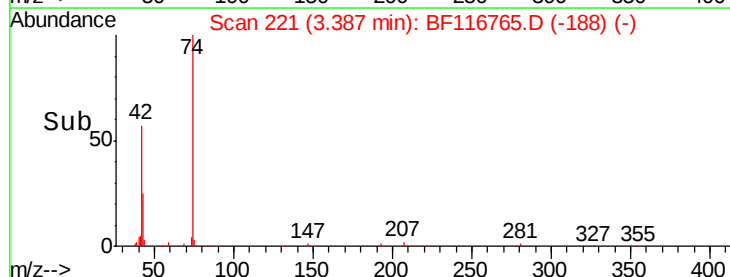
42 100

74 176.9 115.6 173.4#

44 6.6 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: 110.889 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

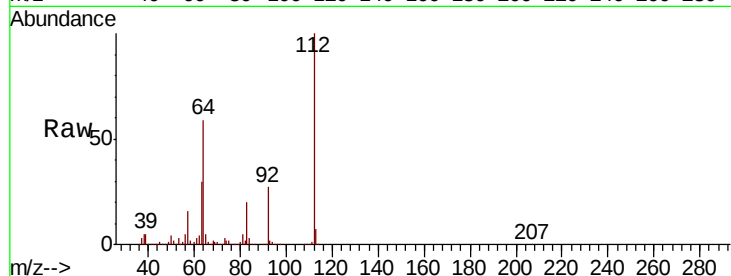
Tot Ion:112 Resp: 1041432

Ion Ratio Lower Upper

112 100

64 58.5 47.1 70.7

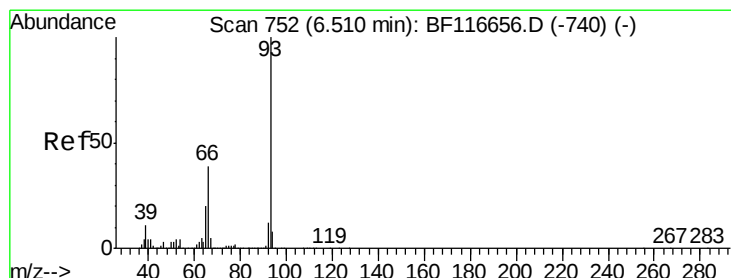
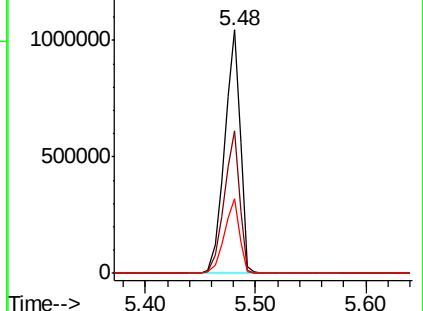
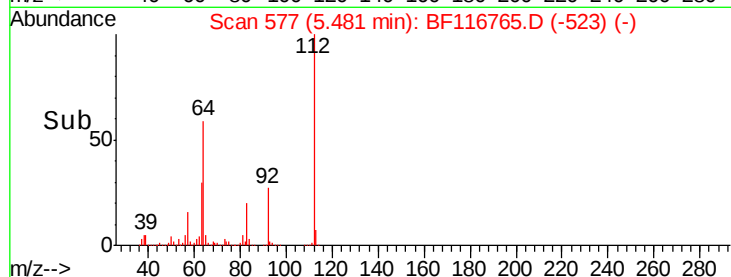
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.605 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

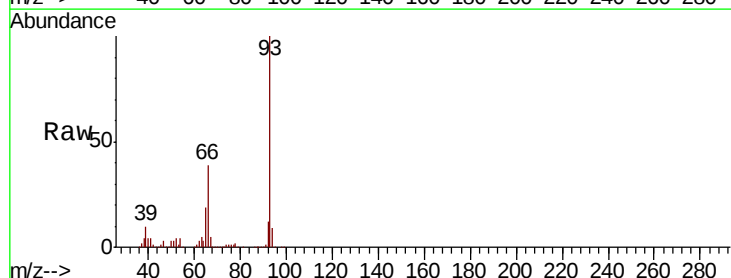
Tgt Ion: 93 Resp: 573997

Ion Ratio Lower Upper

93 100

66 39.2 32.7 49.1

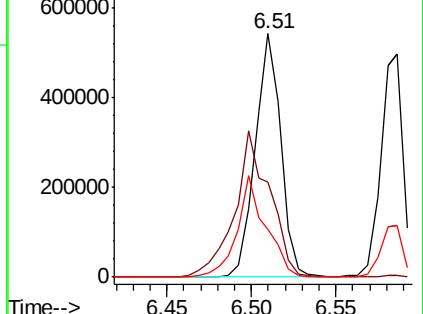
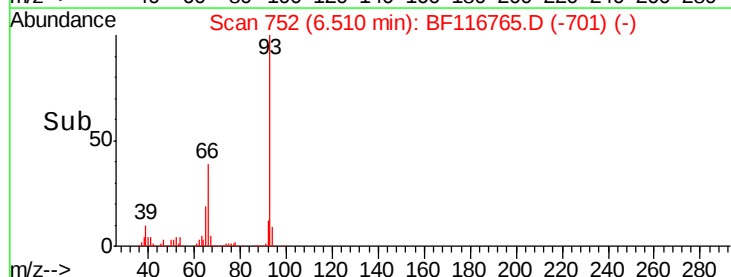
65 19.5 16.3 24.5



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: 109.712 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

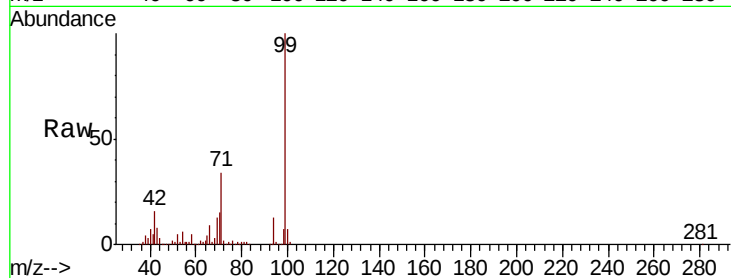
Tot Ion: 99 Resp: 1352998

Ion Ratio Lower Upper

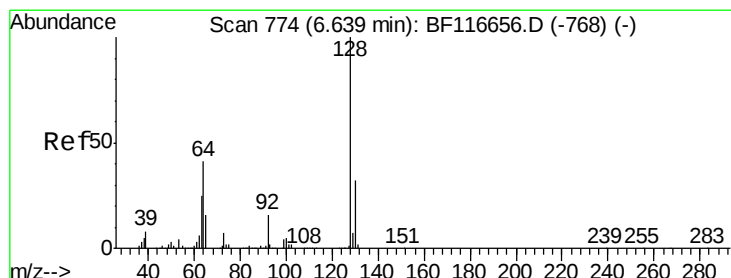
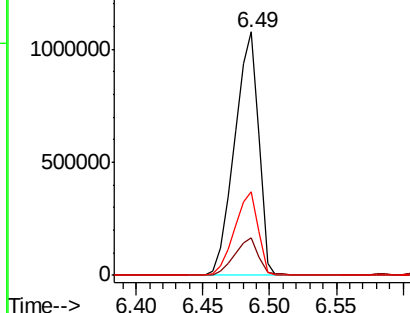
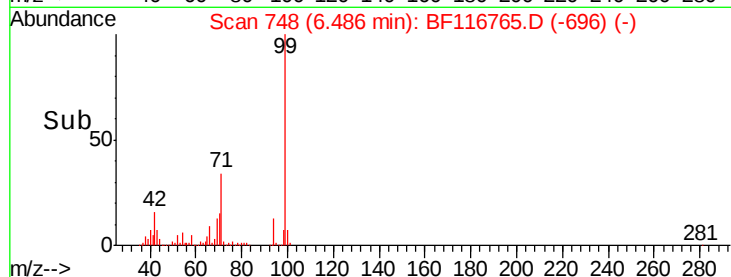
99 100

42 15.7 13.7 20.5

71 34.4 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: 46.018 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

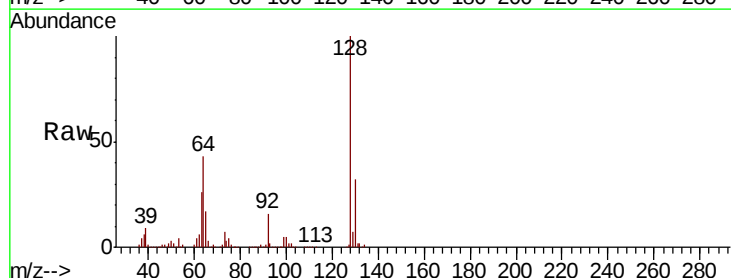
Tgt Ion: 128 Resp: 471794

Ion Ratio Lower Upper

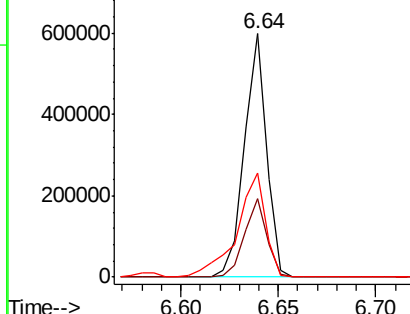
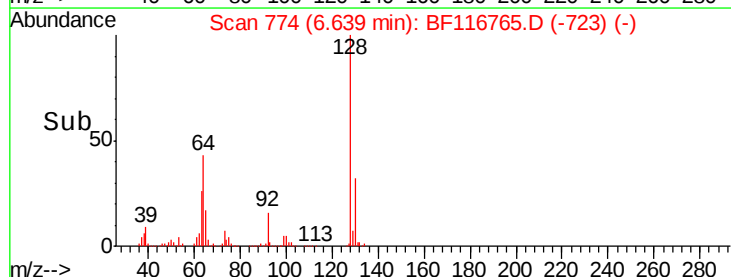
128 100

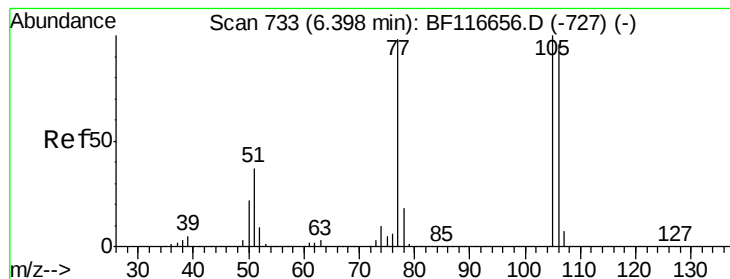
130 32.1 12.3 52.3

64 43.0 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.343 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

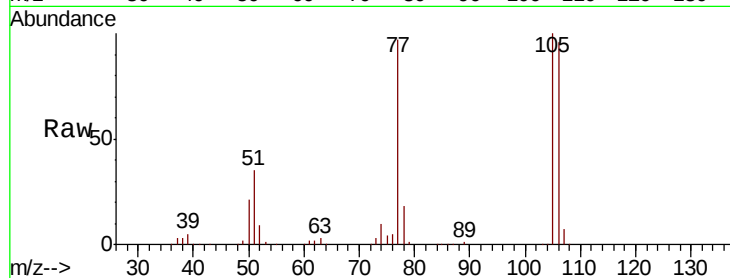
Tot Ion: 77 Resp: 327775

Ion Ratio Lower Upper

77 100

105 103.5 76.7 116.7

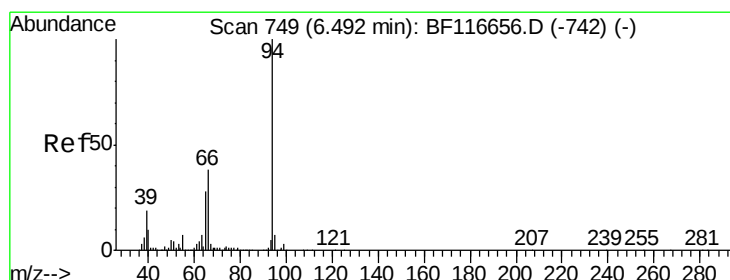
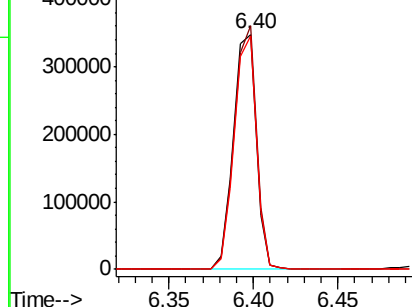
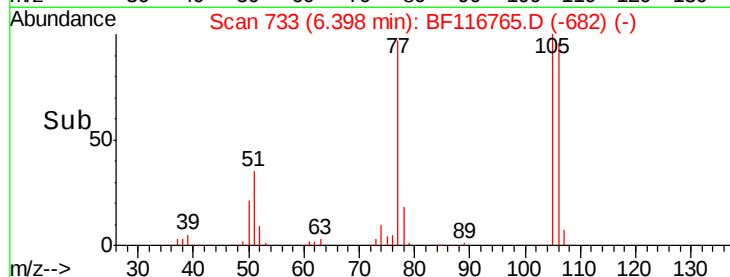
106 99.0 73.1 113.1



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: 43.153 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

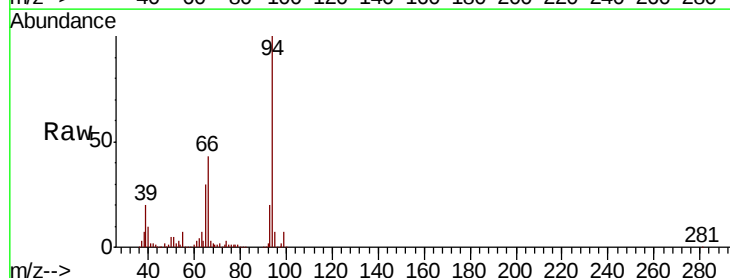
Tgt Ion: 94 Resp: 589295

Ion Ratio Lower Upper

94 100

65 29.9 10.8 50.8

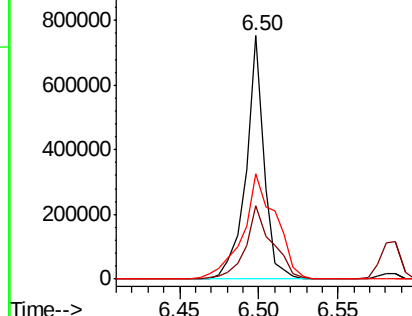
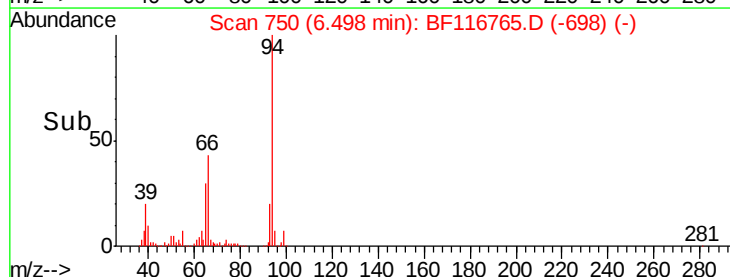
66 43.2 21.1 61.1



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

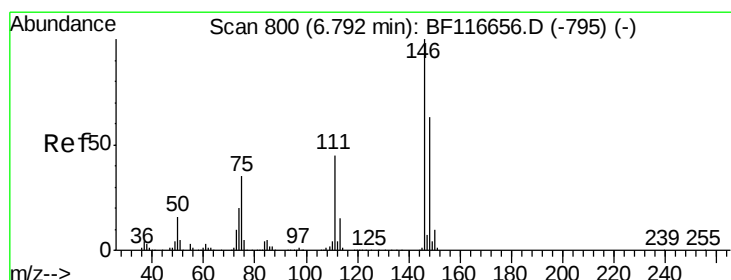
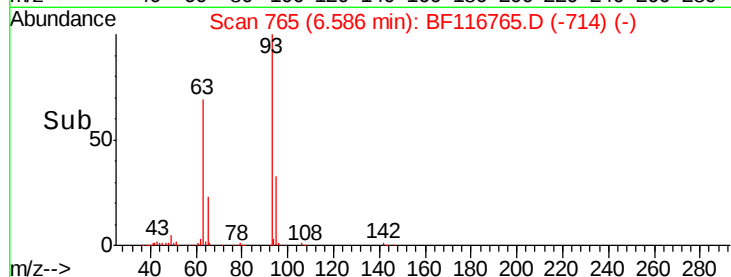
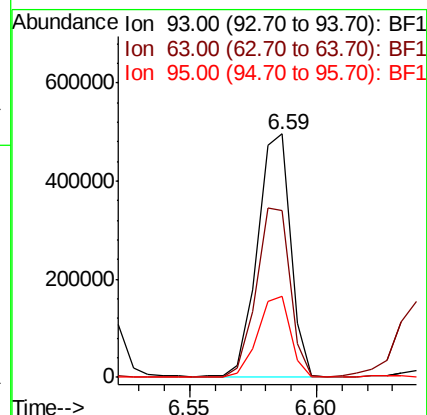
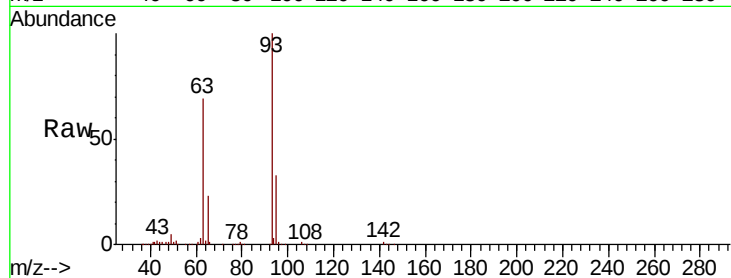




#11
bis(2-Chloroethyl)ether
Concen: 42.630 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

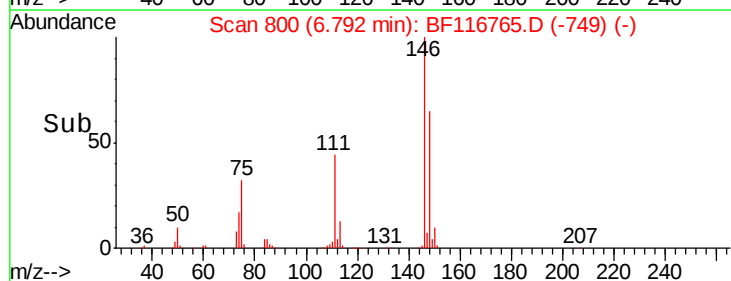
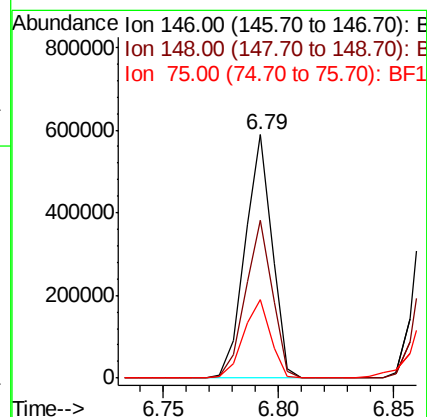
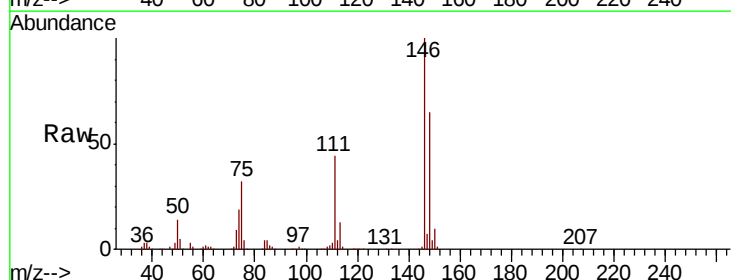
Instrument :
BNA_F
ClientSampleId :

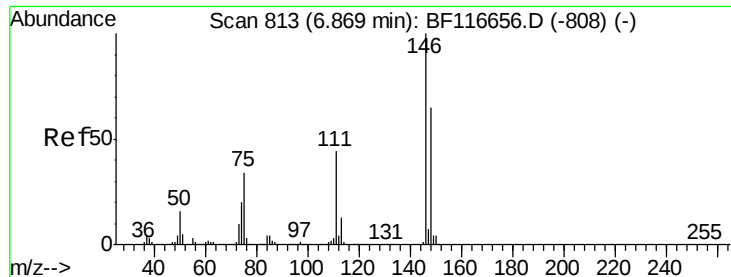
Tot Ion:	93	Resp:	453286
Ion	Ratio	Lower	Upper
93	100		
63	68.6	49.9	89.9
95	33.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.452 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:	146	Resp:	480311
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	32.3	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 42.617 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

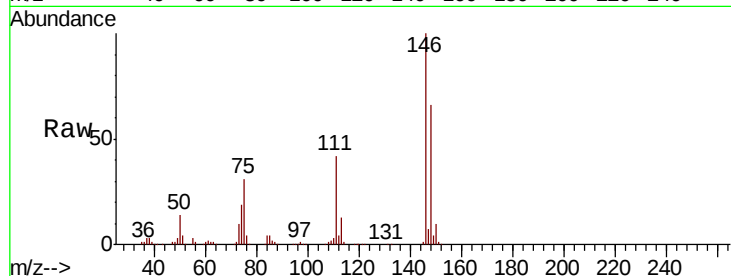
Tot Ion:146 Resp: 491630

Ion Ratio Lower Upper

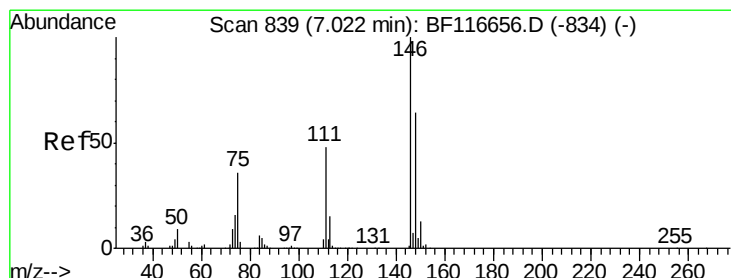
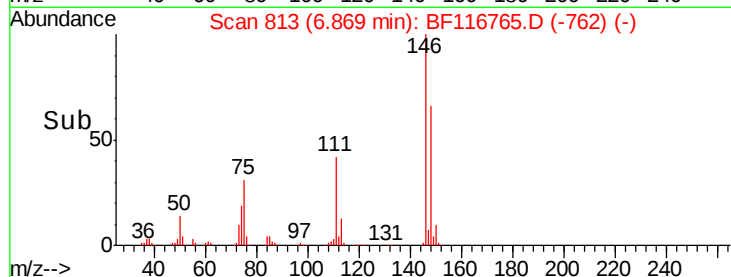
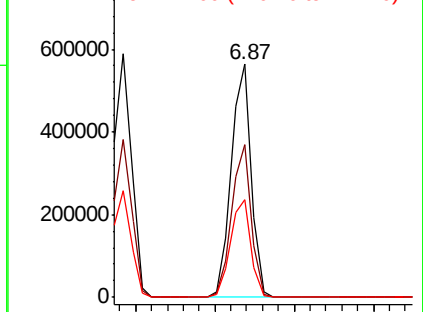
146 100

148 65.7 51.4 77.2

111 41.9 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.675 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

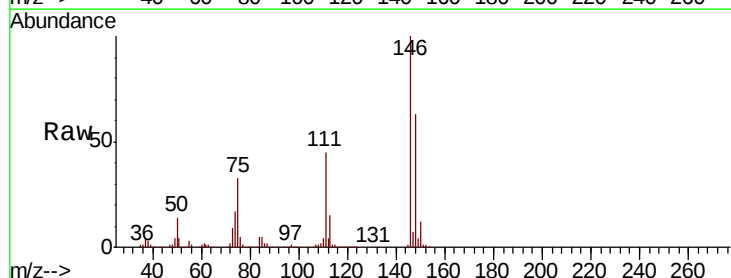
Tgt Ion:146 Resp: 456229

Ion Ratio Lower Upper

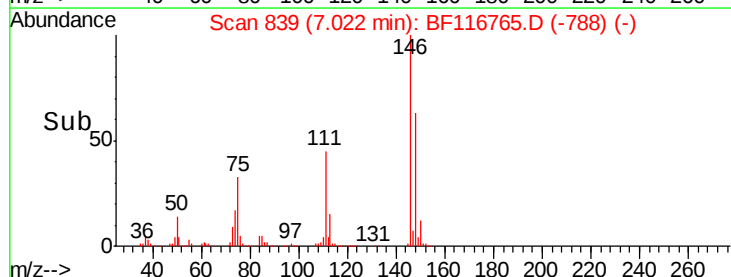
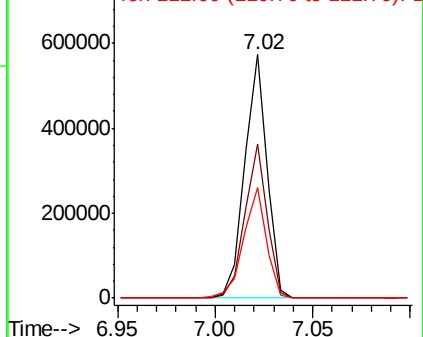
146 100

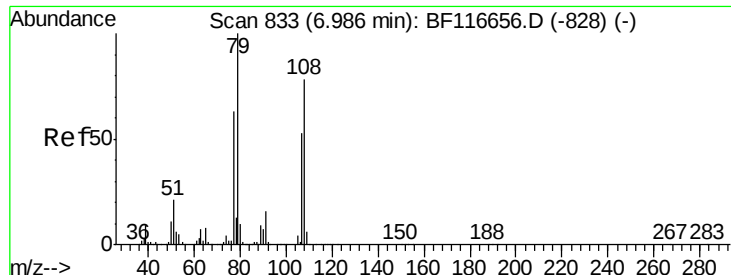
148 63.5 52.6 78.8

111 45.2 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

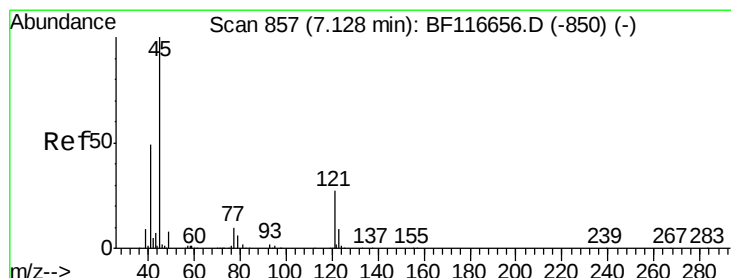
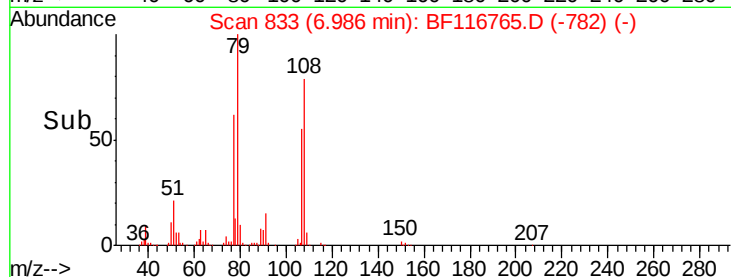
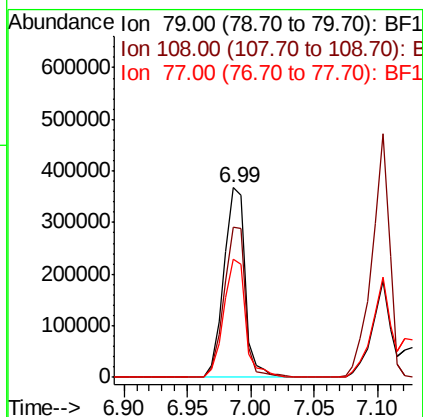
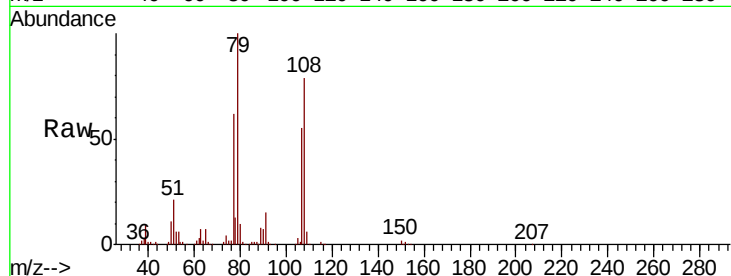




#15
Benzyl Alcohol
Concen: 42.955 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

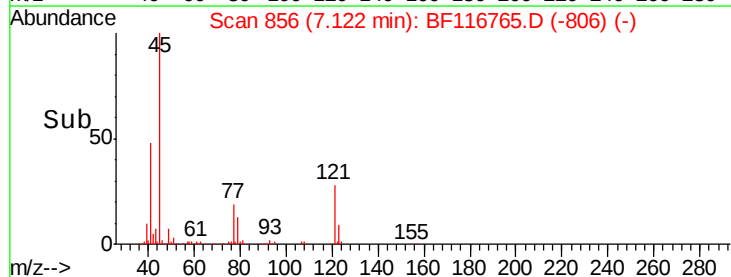
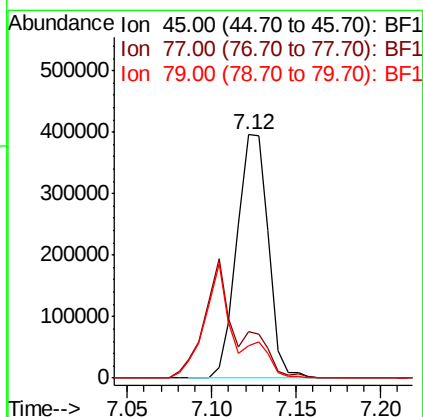
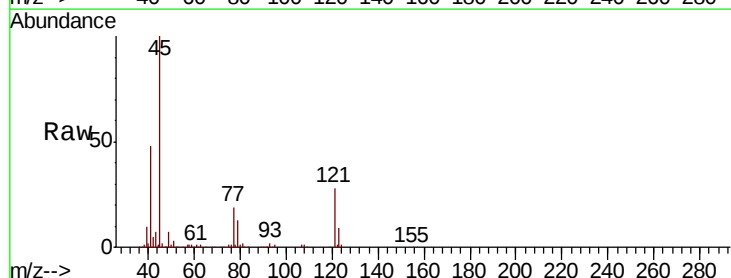
Instrument :
BNA_F
ClientSampleId :

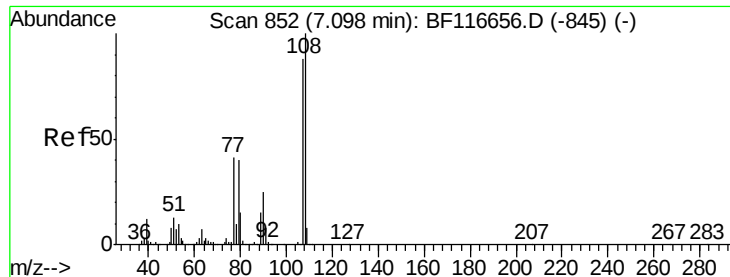
Tot Ion: 79 Resp: 430003
Ion Ratio Lower Upper
79 100
108 79.0 59.2 88.8
77 62.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.068 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion: 45 Resp: 512329
Ion Ratio Lower Upper
45 100
77 18.9 0.0 38.2
79 13.3 0.0 33.9

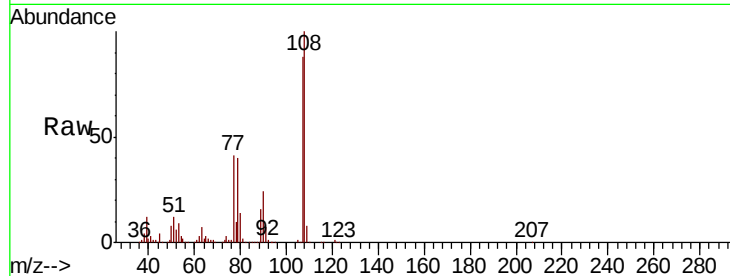




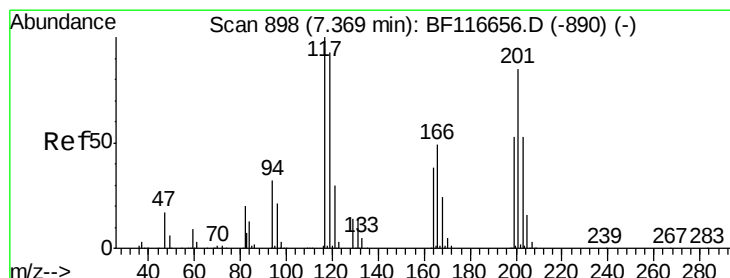
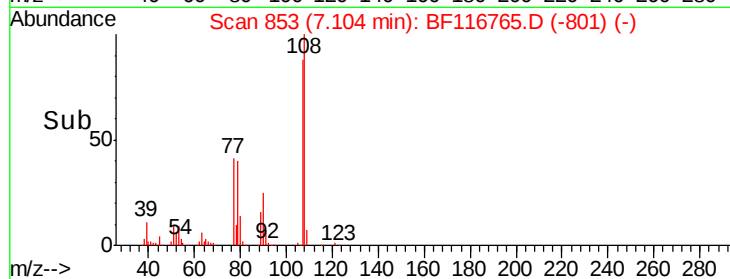
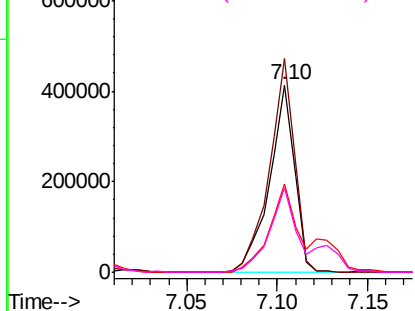
#17
2-Methylphenol
Concen: 44.321 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	397777
Ion	Ratio	Lower	Upper
107	100		
108	114.2	88.3	132.5
77	47.3	39.9	59.9
79	45.3	39.8	59.8

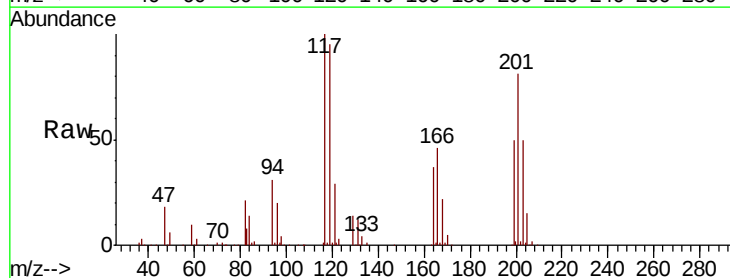


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

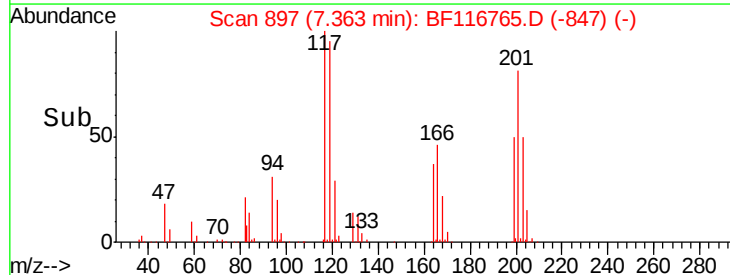
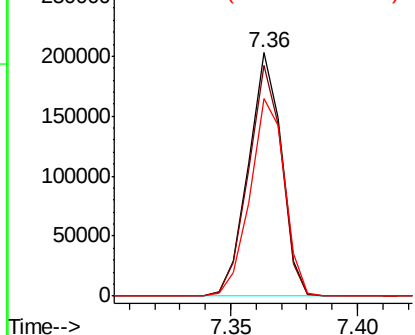


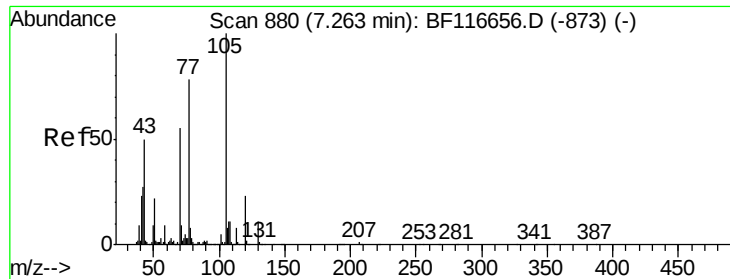
#18
Hexachloroethane
Concen: 41.403 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:	117	Resp:	185567
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.9	115.3
201	81.4	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

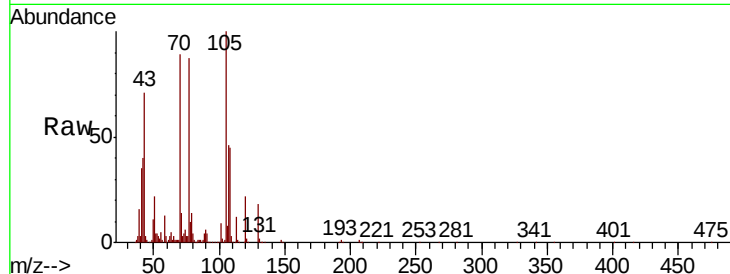




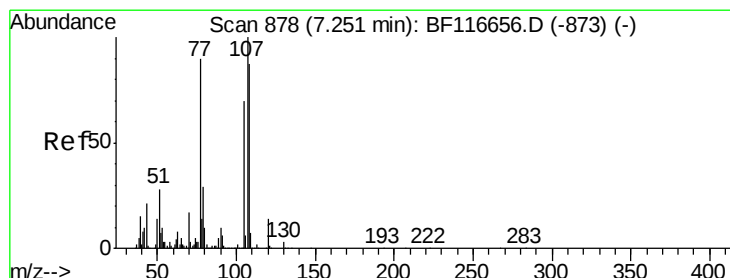
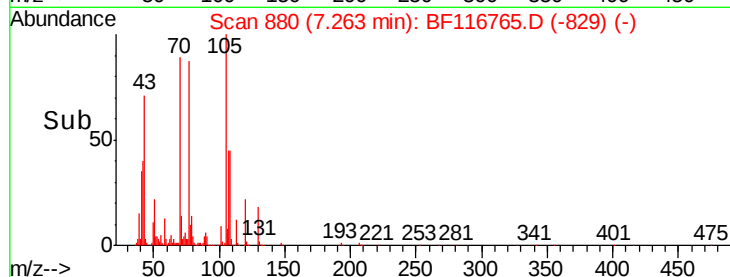
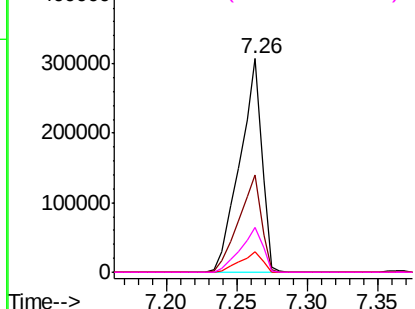
#19
n-Nitroso-di-n-propylamine
Concen: 41.182 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	334393
Ion	Ratio	Lower	Upper
70	100		
42	45.4	43.5	65.3
101	9.6	7.8	11.6
130	20.8	16.6	24.8

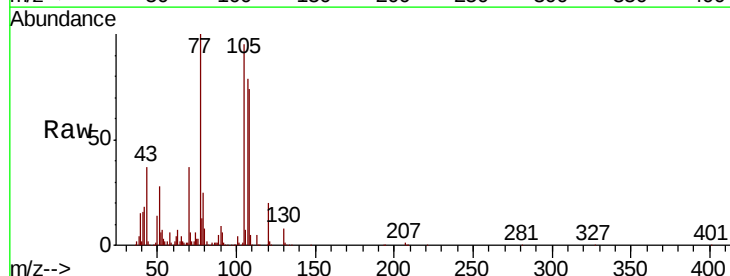


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

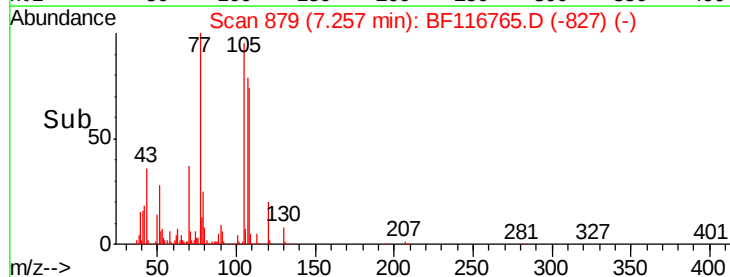
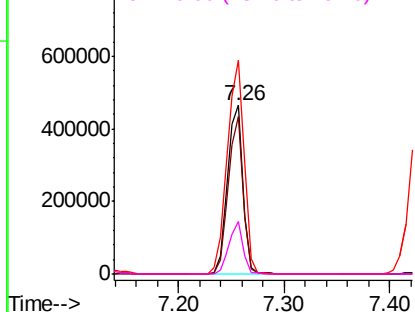


#20
3+4-Methylphenols
Concen: 45.083 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:	107	Resp:	470449
Ion	Ratio	Lower	Upper
107	100		
108	93.6	65.5	105.5
77	126.6	69.4	109.4#
79	31.3	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116765.D

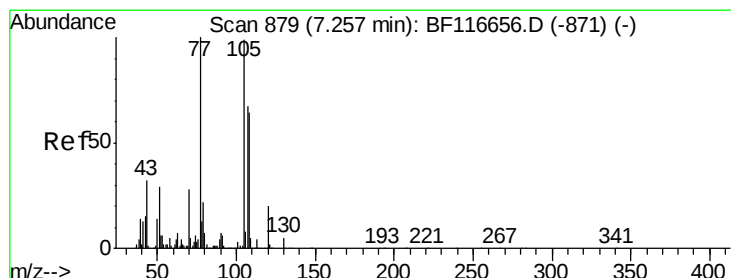
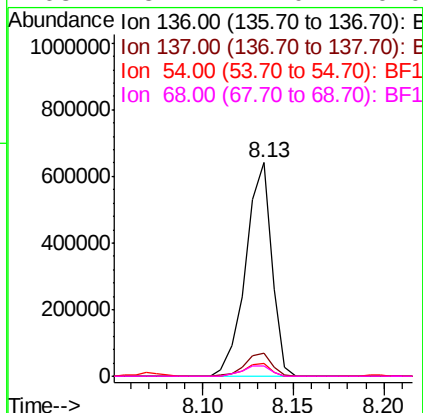
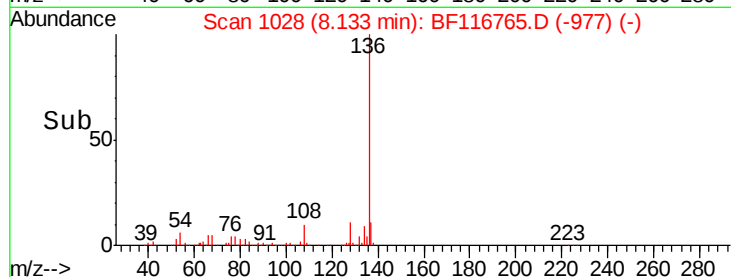
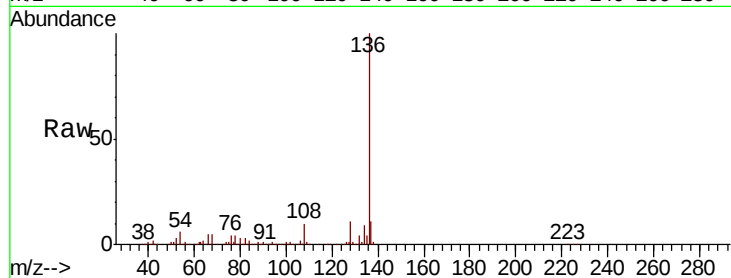
Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	640407
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	5.7	4.8 7.2
68	5.1	4.0 6.0



#22

Acetophenone

Concen: 42.101 ng

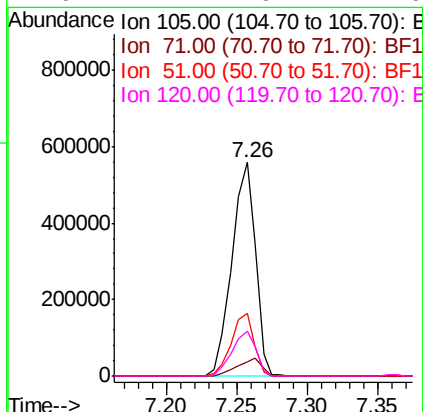
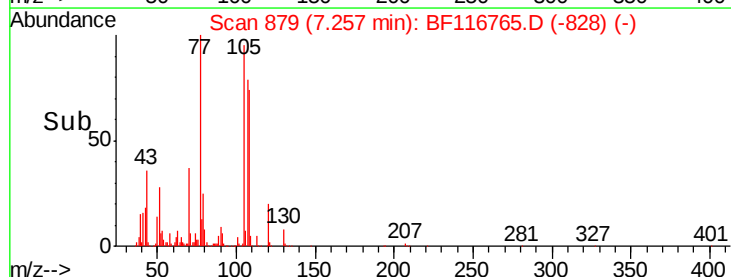
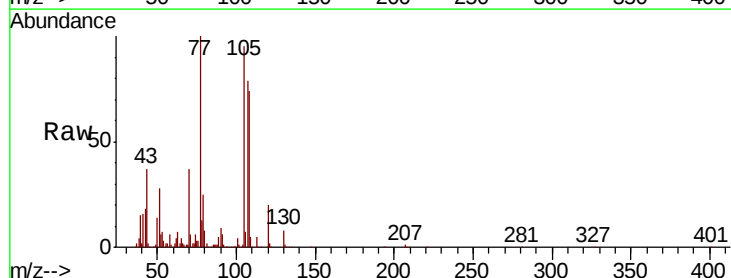
RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:105	Resp:	649105
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.2 6.4#
51	29.3	25.8 38.8
120	21.2	16.4 24.6

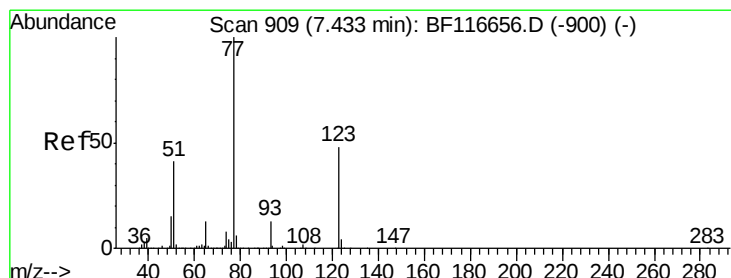
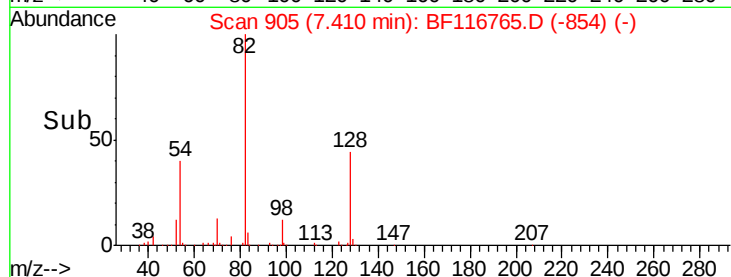
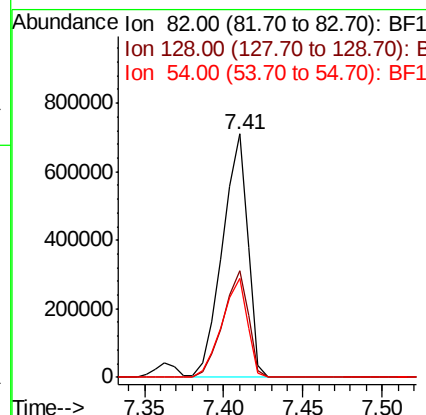
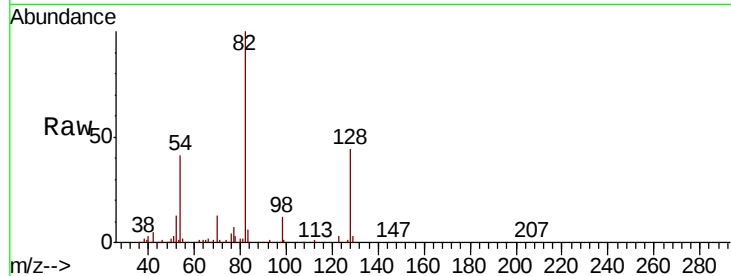




#23
Nitrobenzene-d5
Concen: 70.367 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

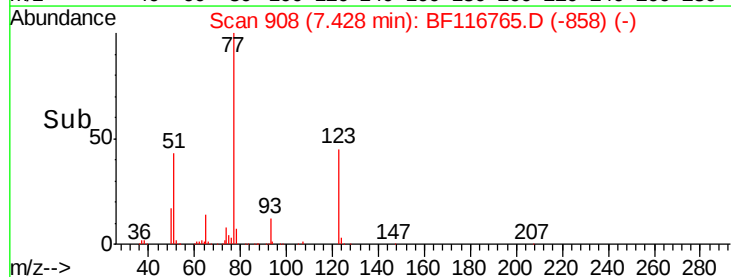
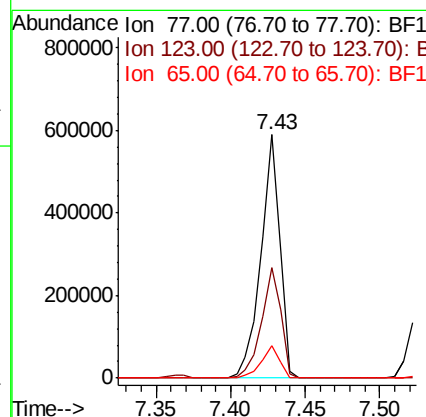
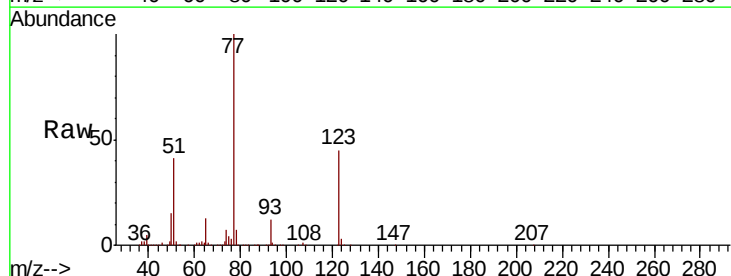
Instrument :
BNA_F
ClientSampled :

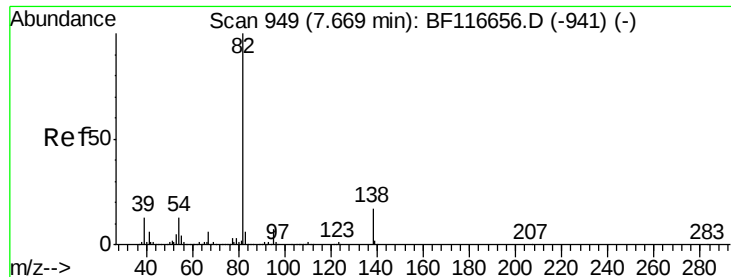
Tot Ion	82	Resp	789375
Ion Ratio	Lower	Upper	
82	100		
128	43.6	32.8	49.2
54	40.8	36.9	55.3



#24
Nitrobenzene
Concen: 45.188 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	77	Resp	515562
Ion Ratio	Lower	Upper	
77	100		
123	45.4	33.1	49.7
65	13.2	10.6	15.8





#25

Isophorone

Concen: 41.983 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

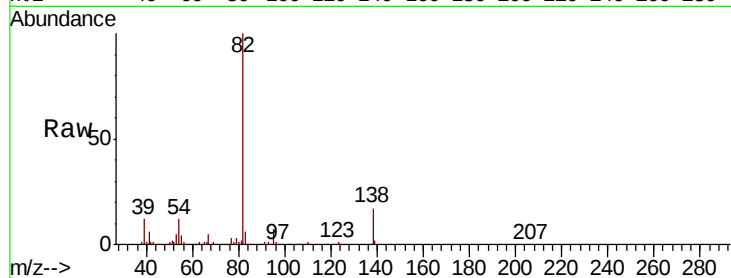
Tot Ion: 82 Resp: 954349

Ion Ratio Lower Upper

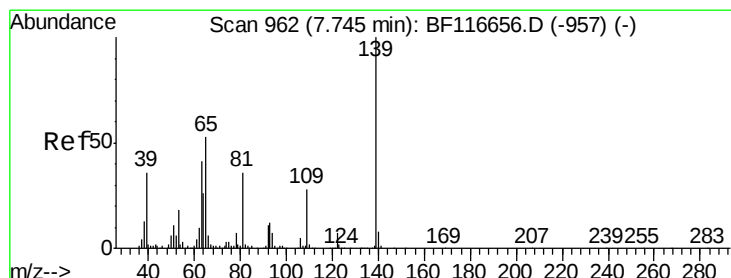
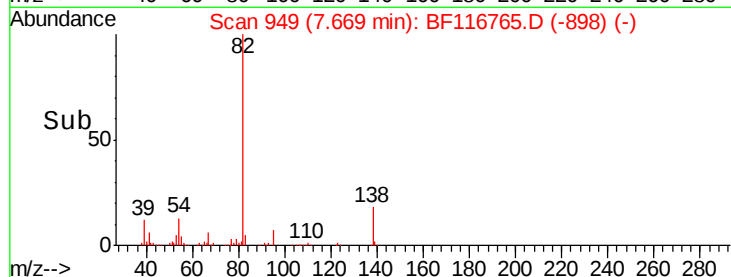
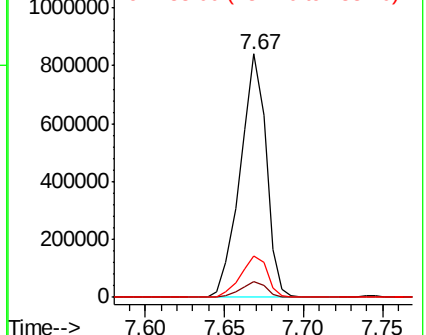
82 100

95 6.5 5.8 8.6

138 17.2 13.5 20.3



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



#26

2-Nitrophenol

Concen: 58.073 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

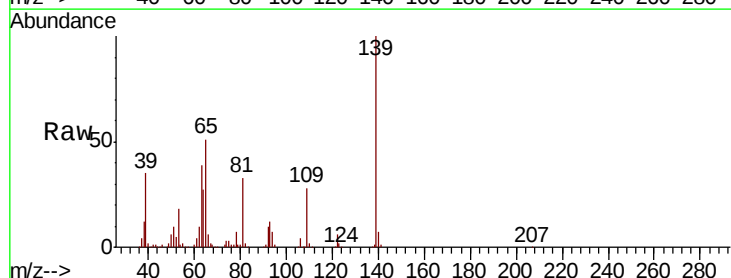
Tgt Ion: 139 Resp: 246331

Ion Ratio Lower Upper

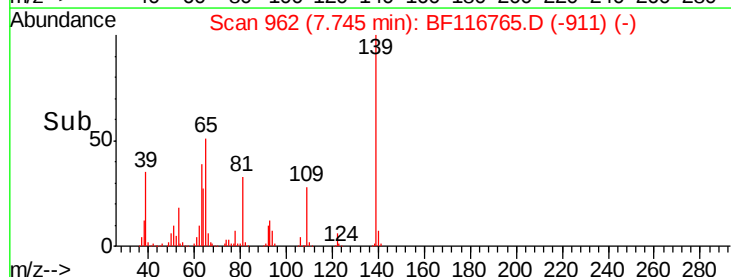
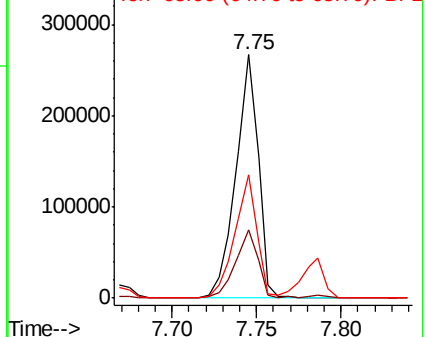
139 100

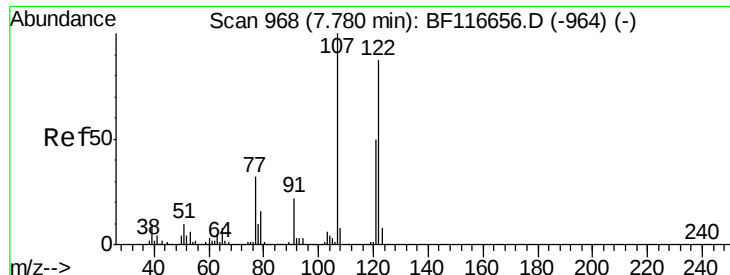
109 28.1 27.1 40.7

65 50.6 43.0 64.6



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





#27

2,4-Dimethylphenol

Concen: 50.086 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

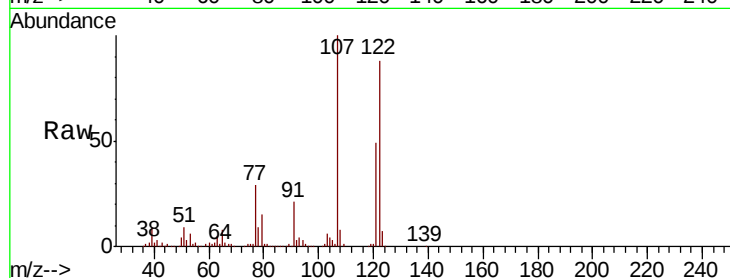
Tot Ion:122 Resp: 429062

Ion Ratio Lower Upper

122 100

107 113.9 98.1 147.1

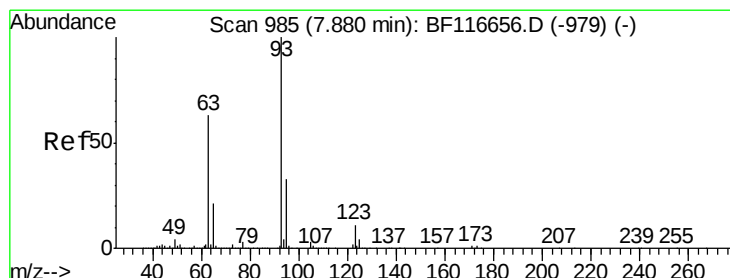
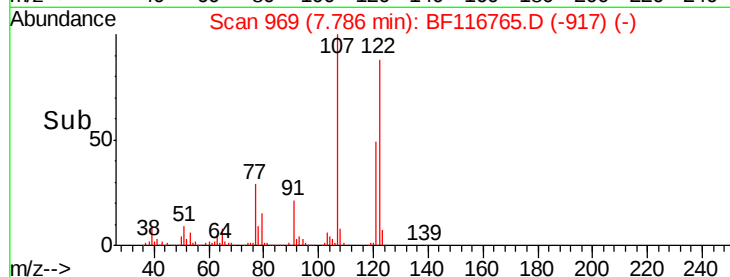
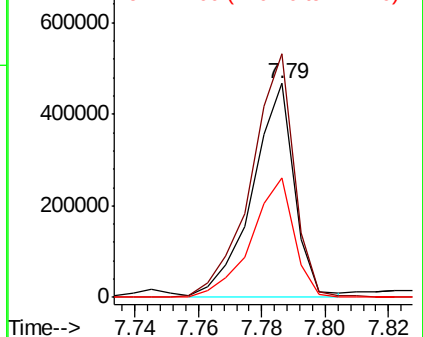
121 55.9 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.774 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

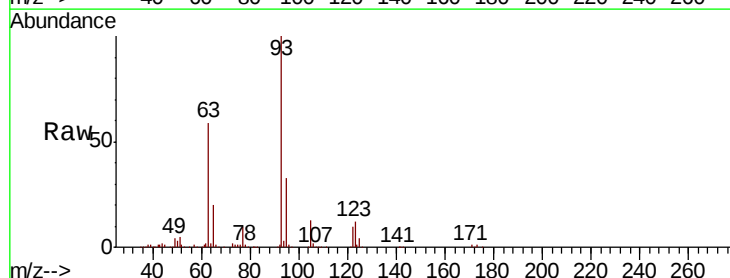
Tgt Ion: 93 Resp: 594175

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

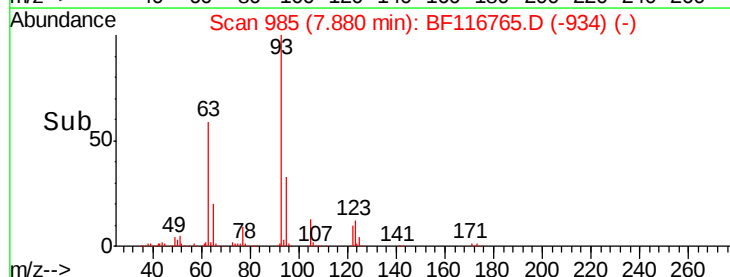
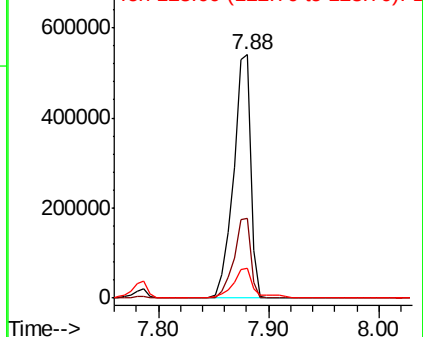
123 12.5 9.8 14.8

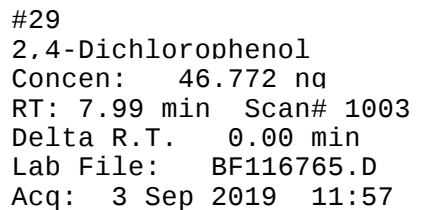


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

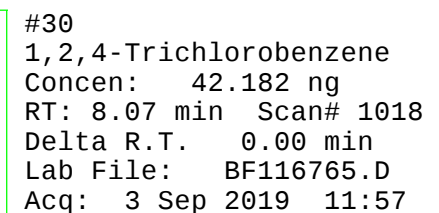
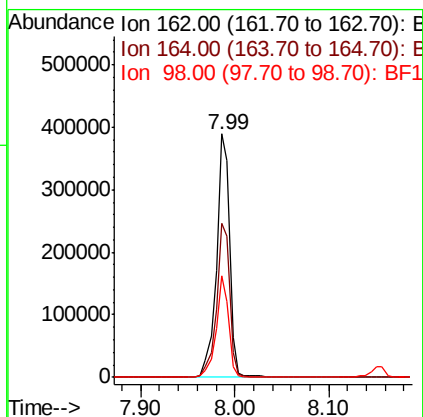
Ion 123.00 (122.70 to 123.70): E



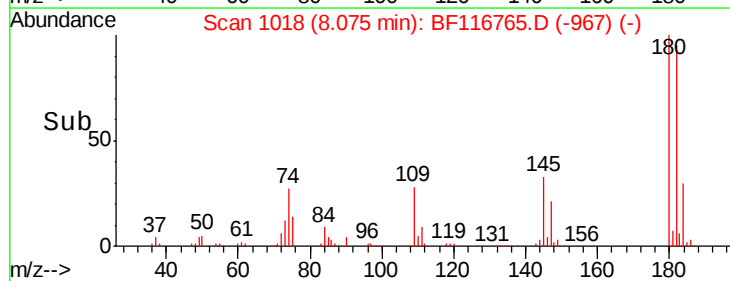
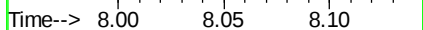
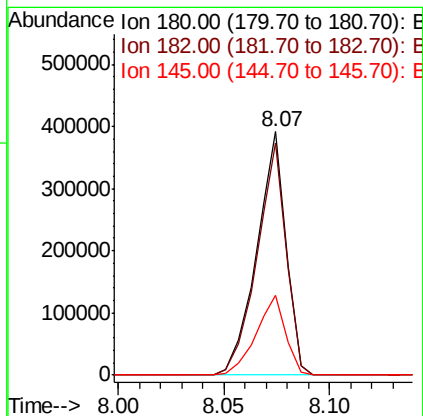


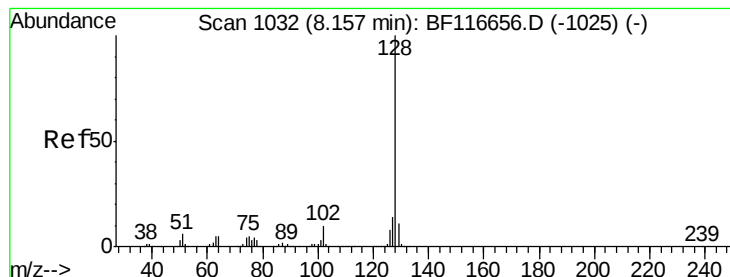
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:162	Resp:	385063
Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.4	83.4
98	41.6	18.1	58.1



Tgt	Ion:180	Resp:	376666
Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.6	118.0
145	32.5	25.7	38.5





#31

Naphthalene

Concen: 43.583 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

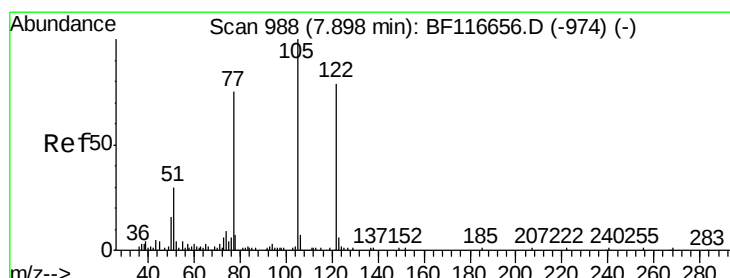
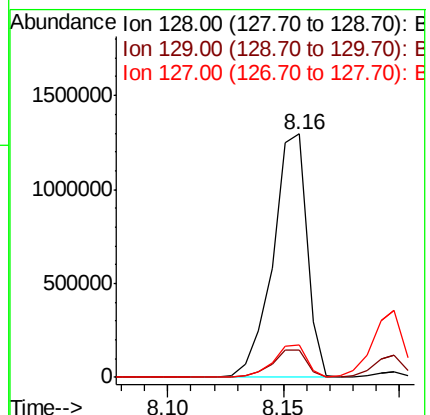
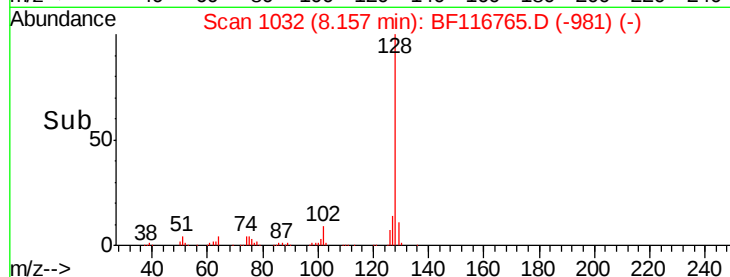
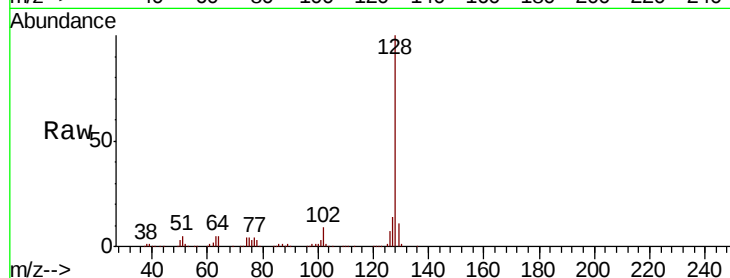
Tot Ion:128 Resp: 1327176

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.6 10.4 15.6



#32

Benzoic acid

Concen: 57.324 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

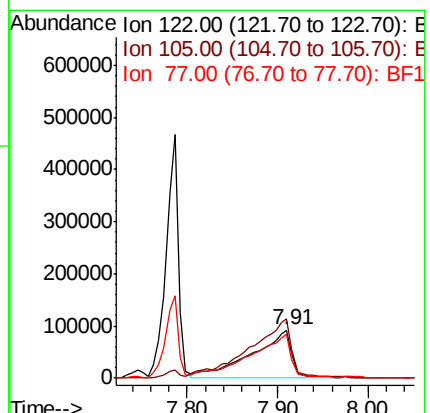
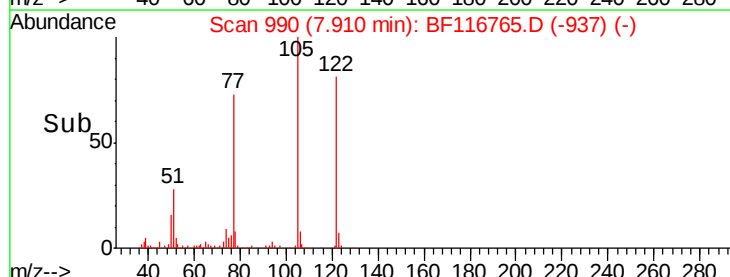
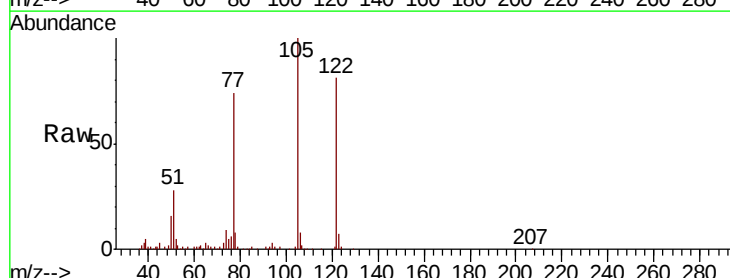
Tgt Ion:122 Resp: 277276

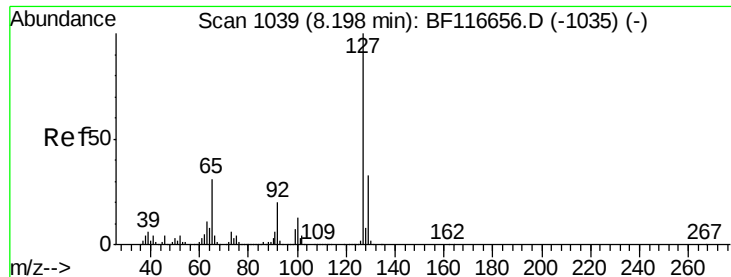
Ion Ratio Lower Upper

122 100

105 123.0 110.0 150.0

77 91.1 81.7 121.7

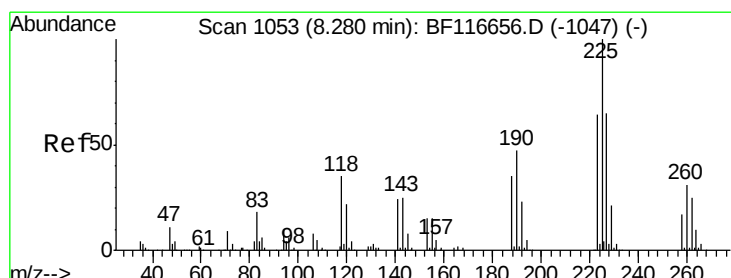
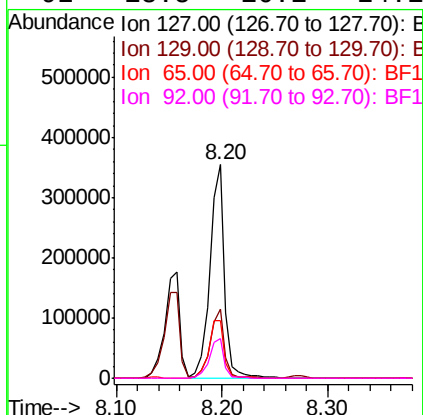
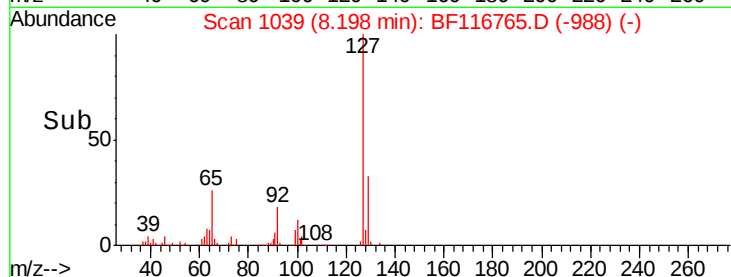
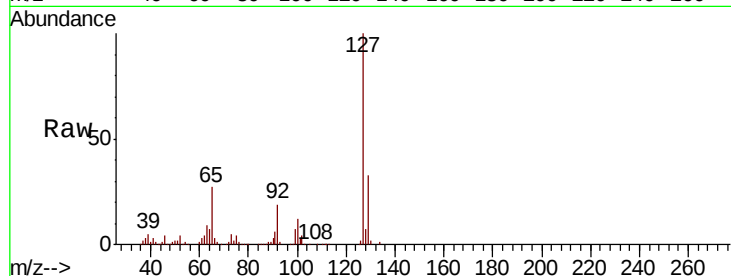




#33
4-Chloroaniline
Concen: 24.979 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

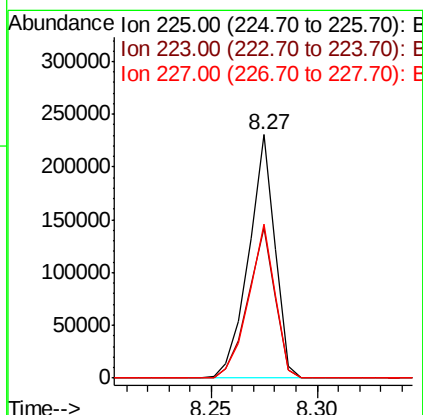
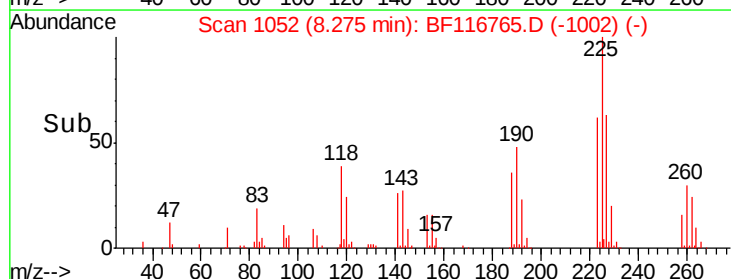
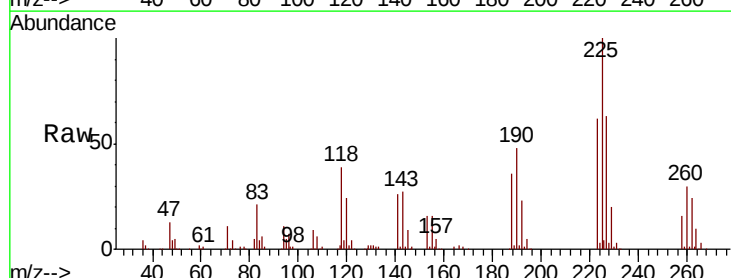
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	346249
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	26.7	26.0	39.0
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.960 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:	225	Resp:	199424
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.2
227	63.2	51.0	76.4





#35

Caprolactam

Concen: 26.981 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

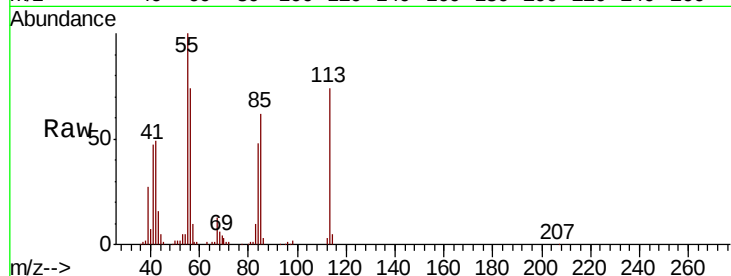
Tot Ion:113 Resp: 83130

Ion Ratio Lower Upper

113 100

55 135.8 124.3 164.3

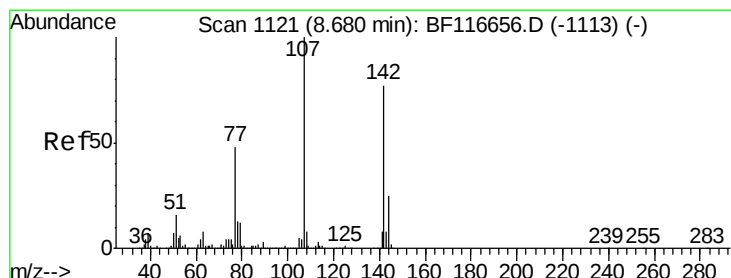
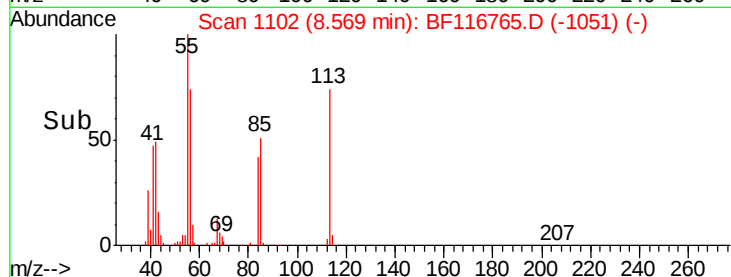
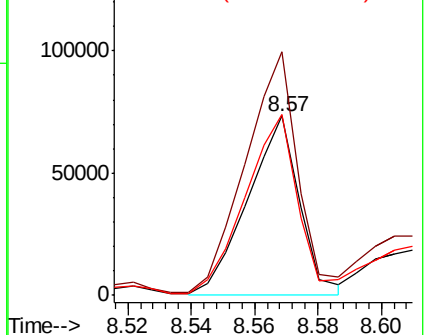
56 100.8 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.699 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

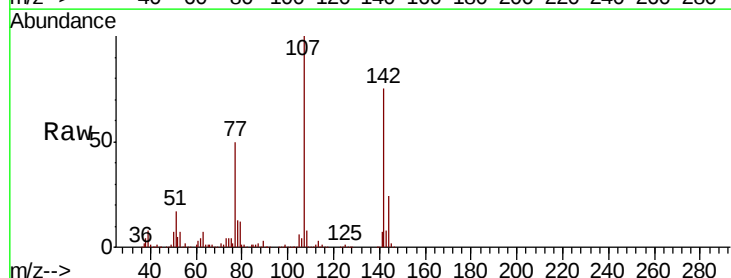
Tgt Ion:107 Resp: 441874

Ion Ratio Lower Upper

107 100

144 23.9 18.6 27.8

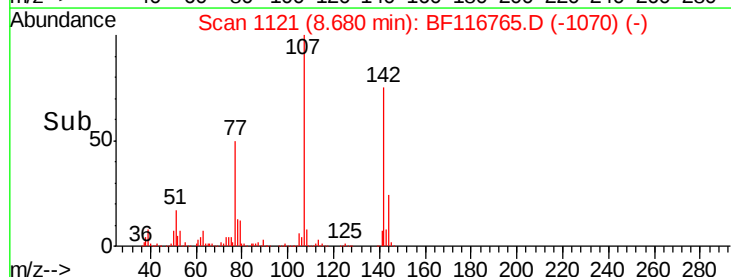
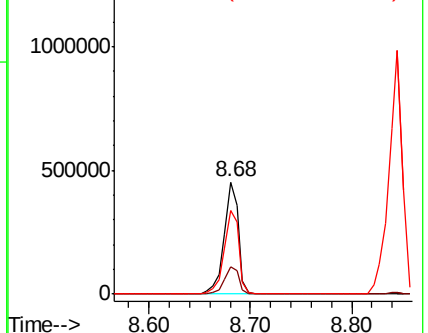
142 74.9 58.5 87.7

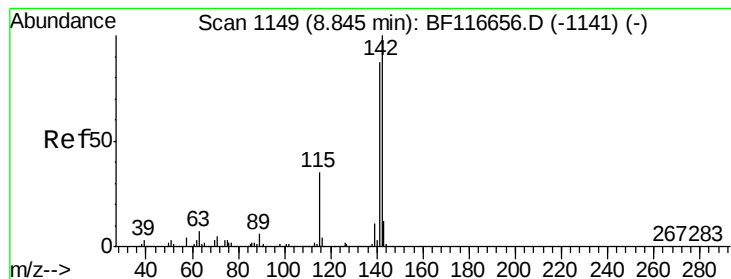


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.427 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

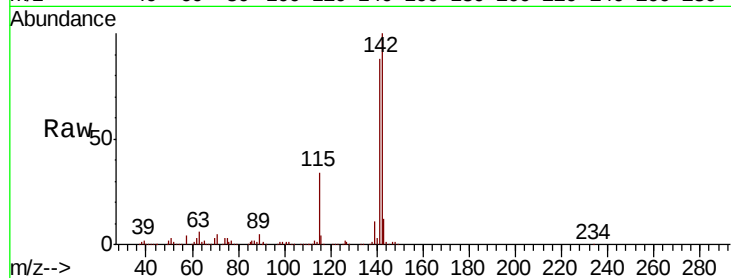
Tot Ion:142 Resp: 900157

Ion Ratio Lower Upper

142 100

141 88.4 72.6 109.0

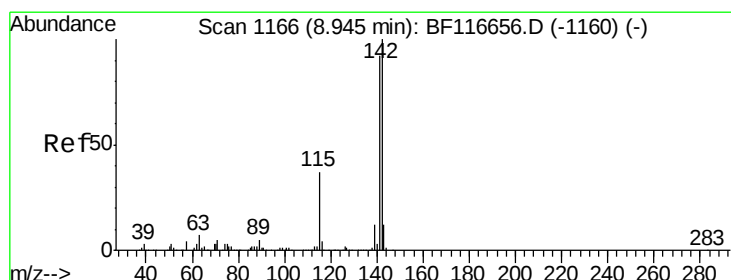
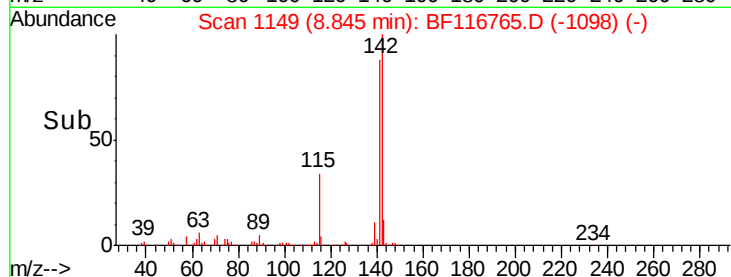
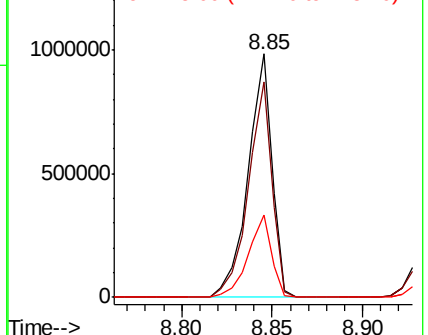
115 33.6 29.8 44.6



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: 44.104 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

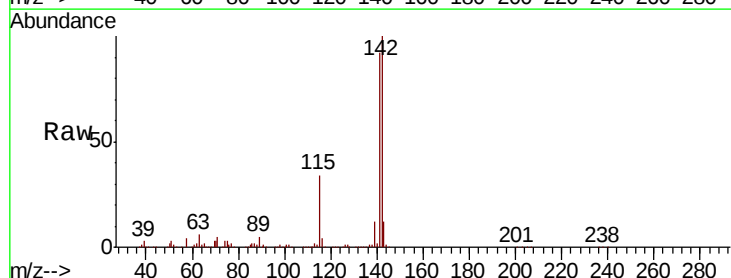
Tgt Ion:142 Resp: 843560

Ion Ratio Lower Upper

142 100

141 91.9 73.9 110.9

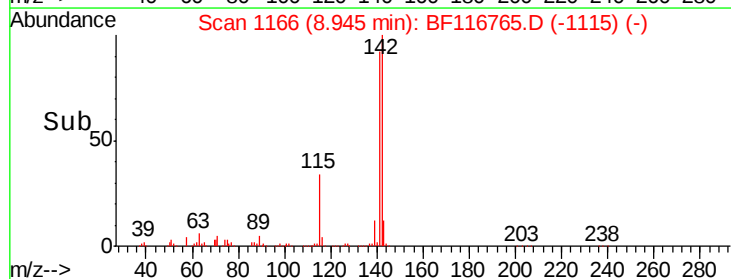
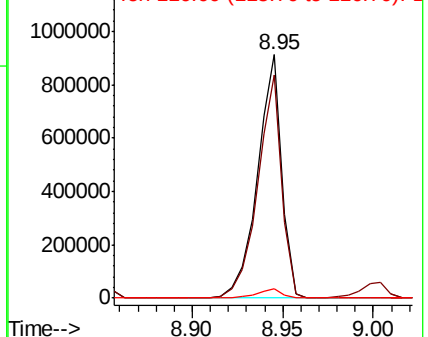
116 3.7 3.0 4.6

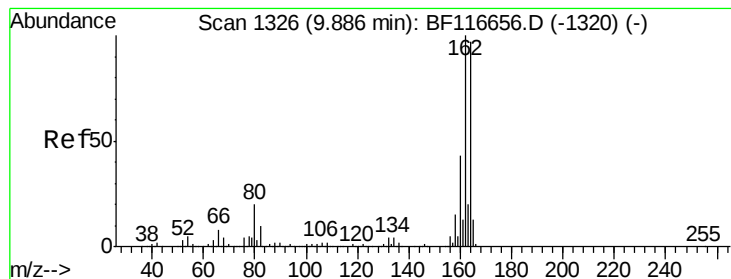


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

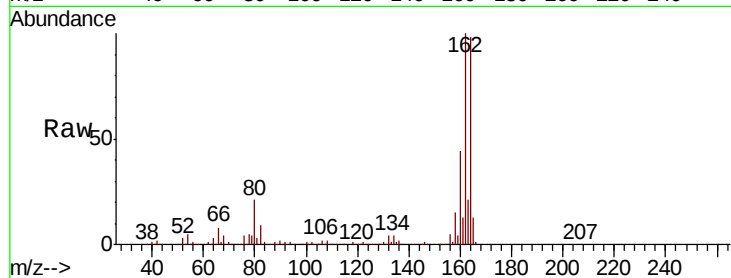
Tot Ion:164 Resp: 337032

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

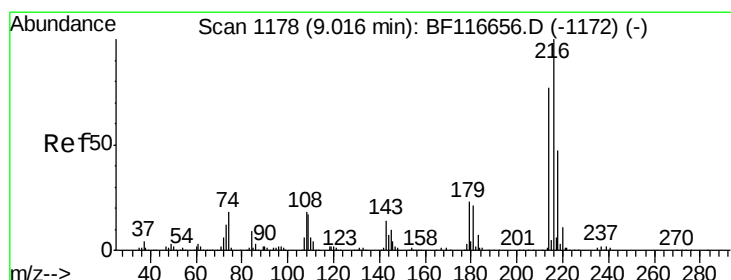
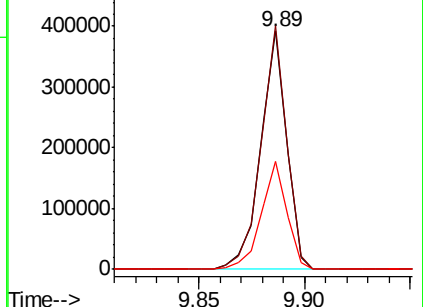
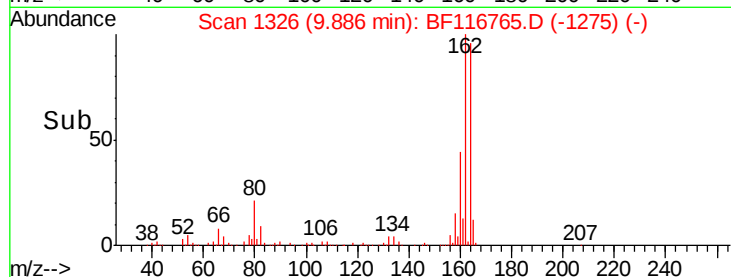
160 45.4 35.4 53.2



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: 40.545 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:216 Resp: 327578

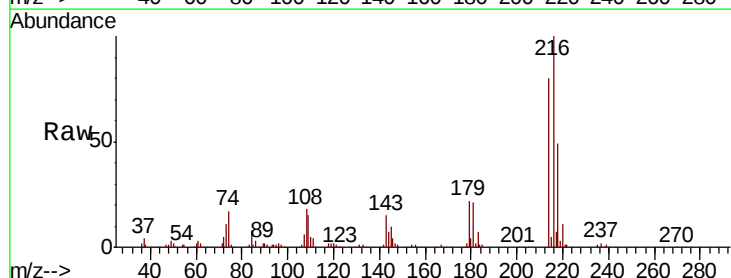
Ion Ratio Lower Upper

216 100

214 80.3 62.7 94.1

179 23.7 19.3 28.9

108 26.3 16.6 25.0#

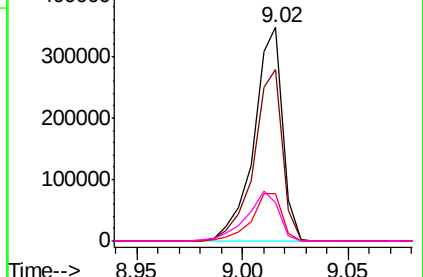
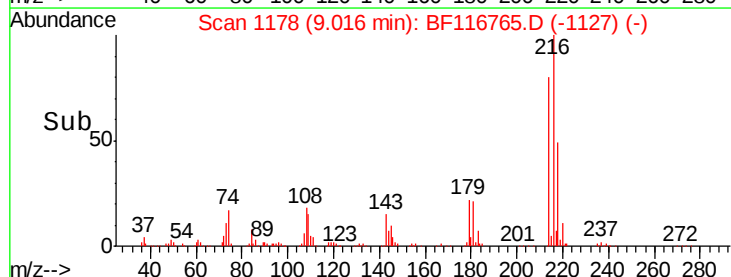


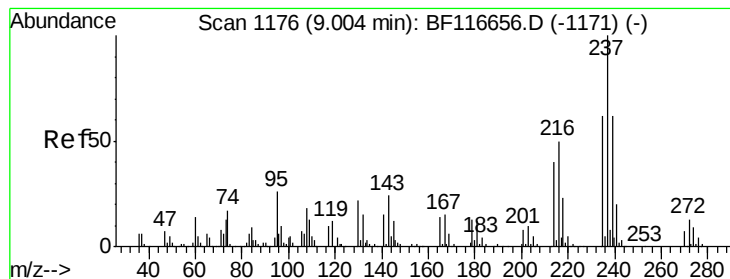
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.324 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

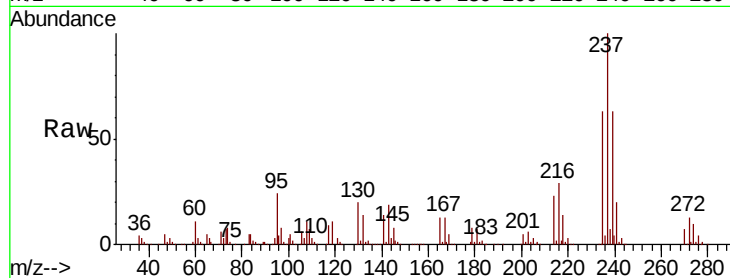
Tot Ion:237 Resp: 407411

Ion Ratio Lower Upper

237 100

235 62.8 41.4 81.4

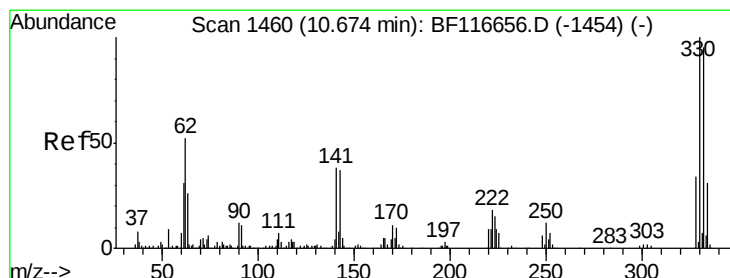
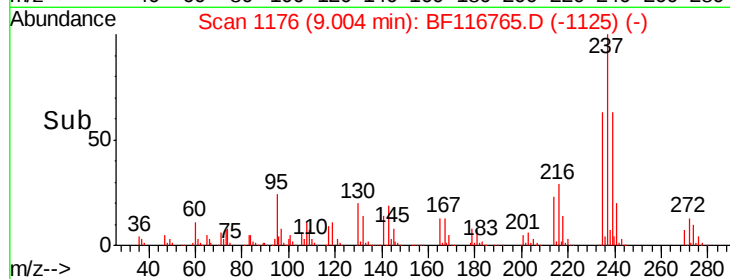
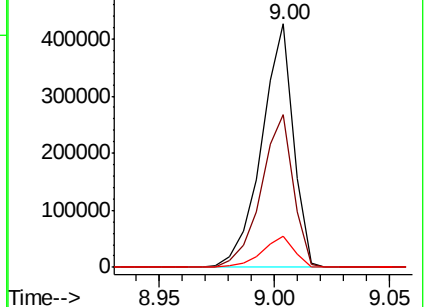
272 12.7 0.0 32.8



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: 128.866 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

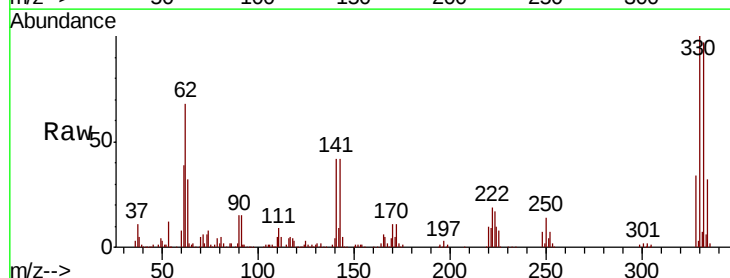
Tgt Ion:330 Resp: 290353

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

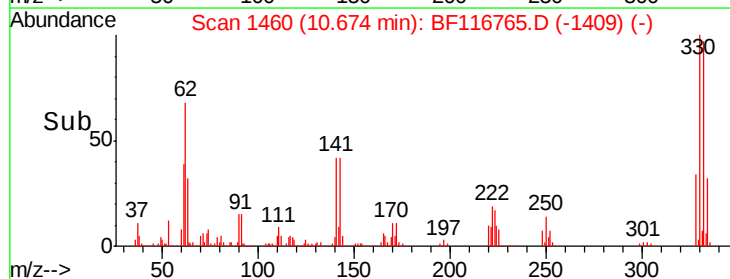
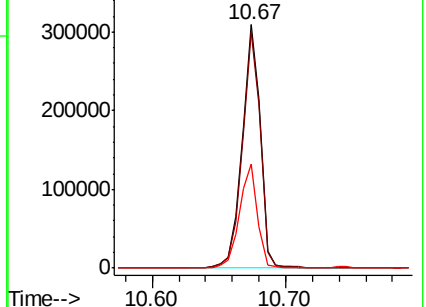
141 42.5 31.4 47.2

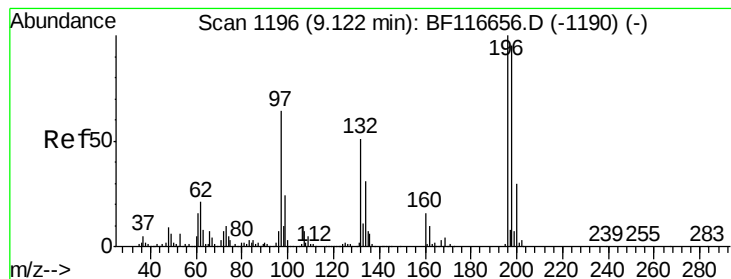


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 47.303 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

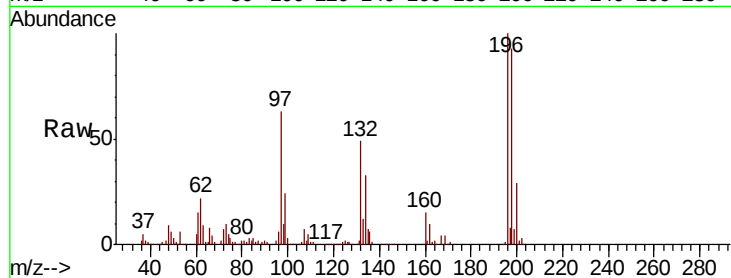
Tot Ion:196 Resp: 261981

Ion Ratio Lower Upper

196 100

198 93.1 79.1 118.7

200 29.4 24.0 36.0

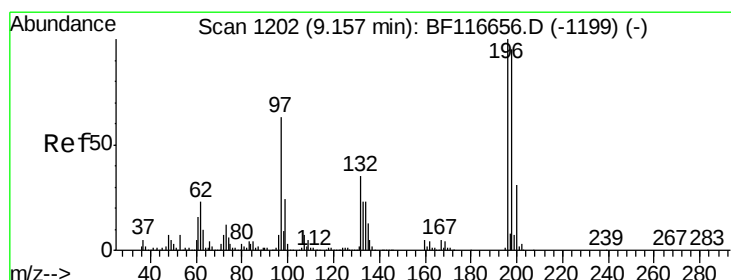
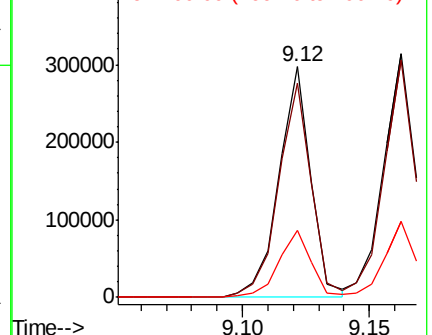
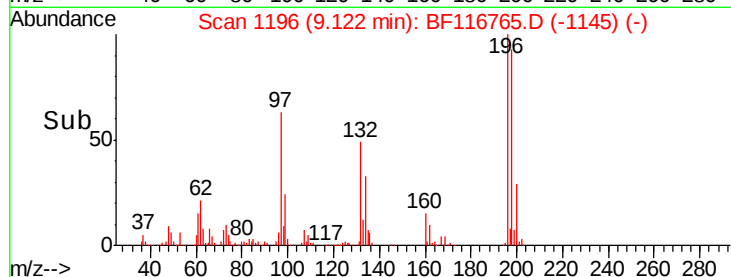


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.357 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:196 Resp: 272290

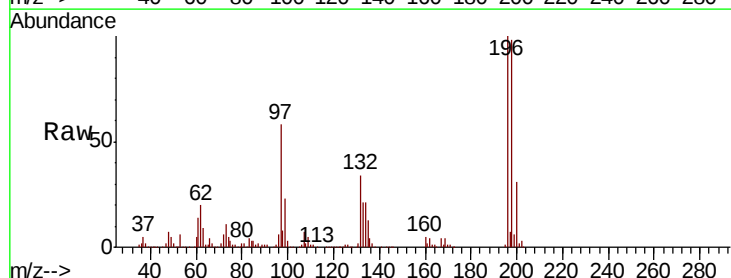
Ion Ratio Lower Upper

196 100

198 97.7 78.1 117.1

97 58.3 41.6 62.4

132 33.7 23.5 35.3



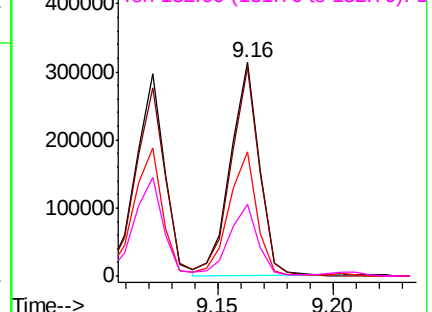
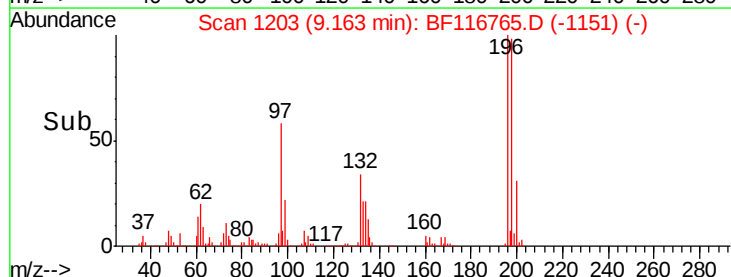
Abundance

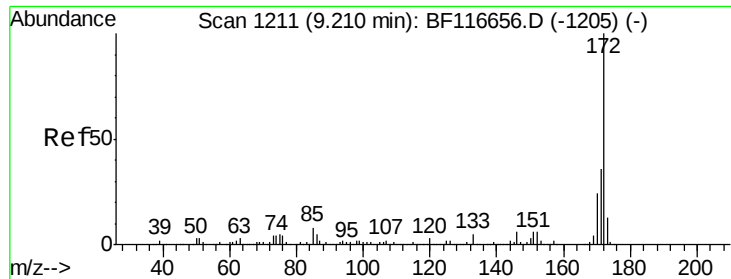
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

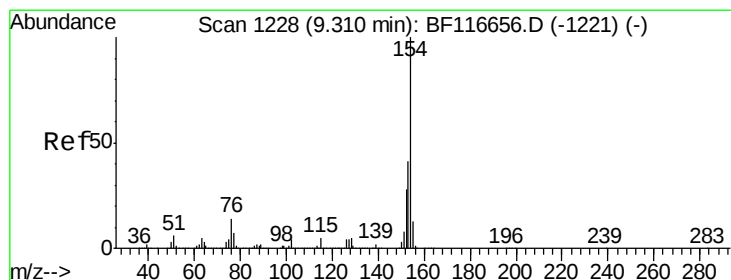
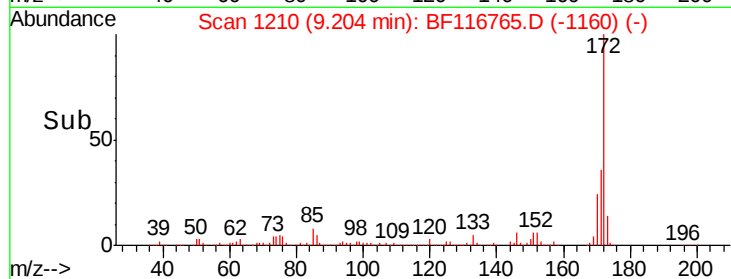
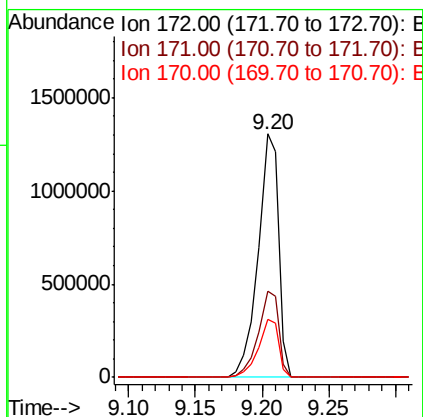
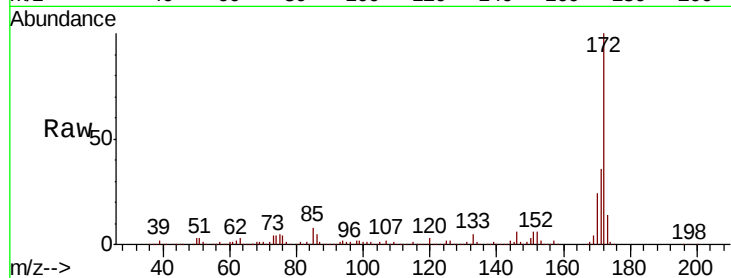




#45
2-Fluorobiphenyl
Concen: 68.363 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

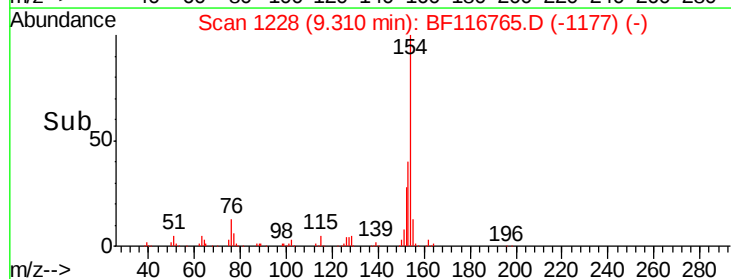
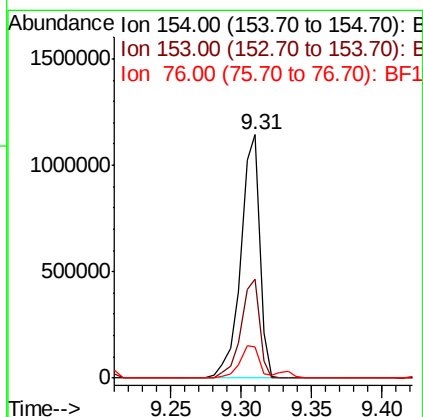
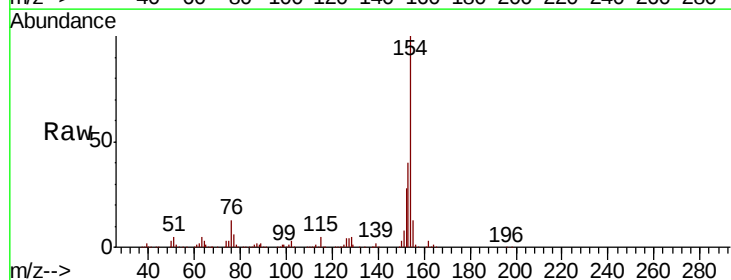
Instrument :
BNA_F
ClientSampleId :

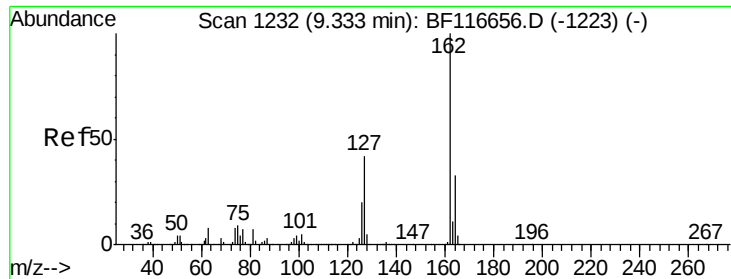
Tot Ion:172 Resp: 1365859
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.599 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:154 Resp: 1063866
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 12.6 0.0 30.9

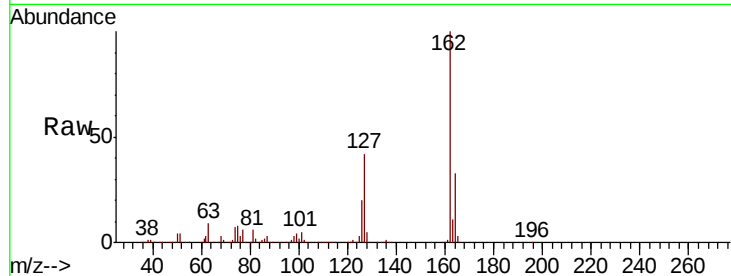




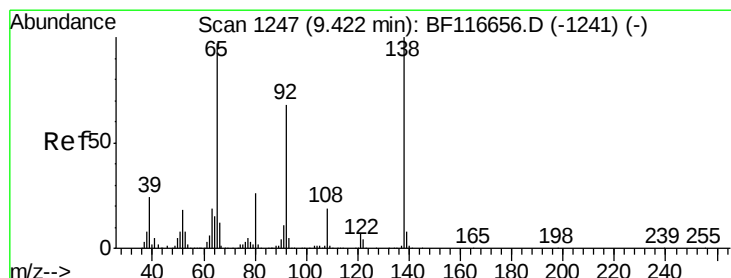
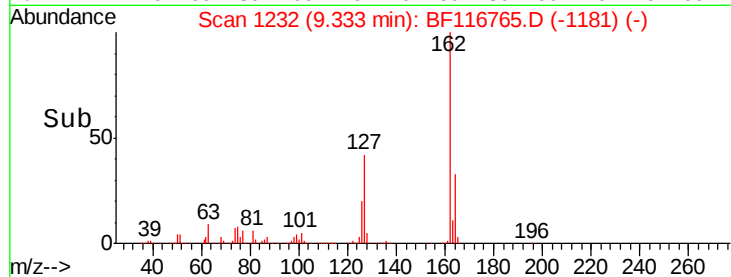
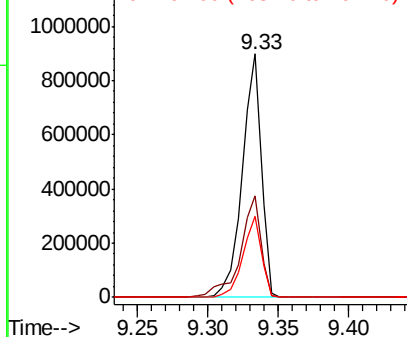
#47
 2-Chloronaphthalene
 Concen: 41.484 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	33.4	26.6	39.8

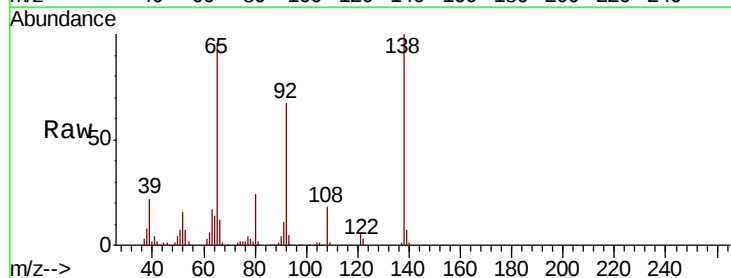


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

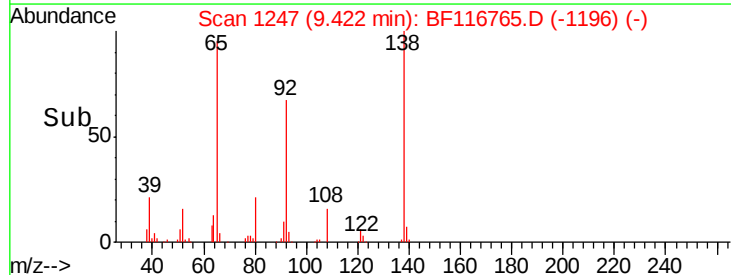
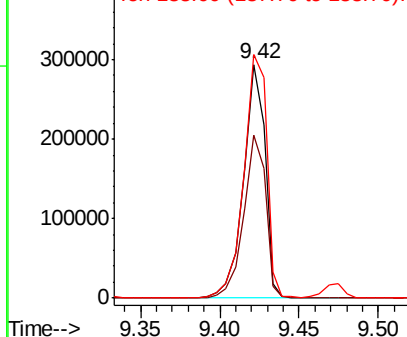


#48
 2-Nitroaniline
 Concen: 47.210 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.1	85.7
138	104.3	88.2	132.2



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





#49

Acenaphthylene

Concen: 43.476 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

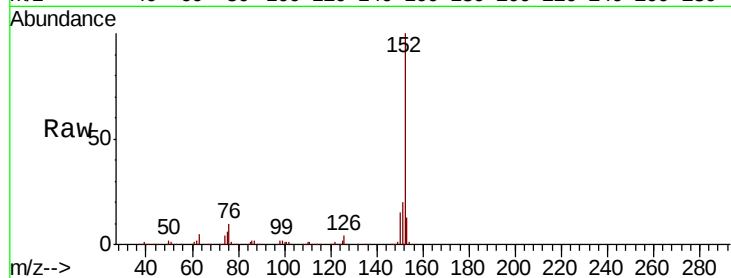
Tot Ion:152 Resp: 1331216

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

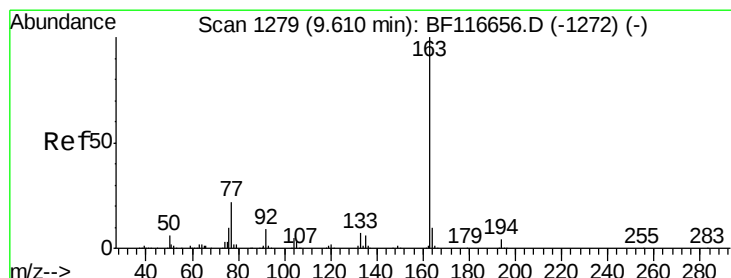
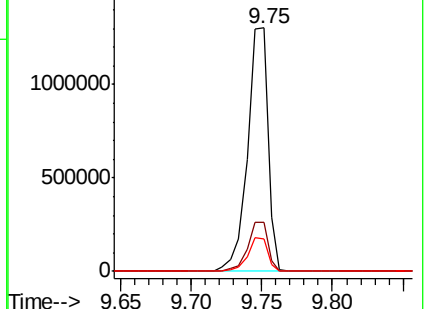
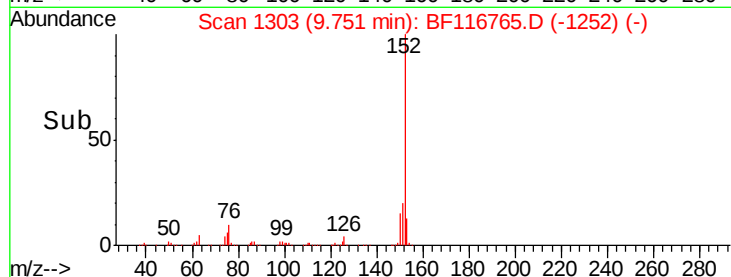
153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.197 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

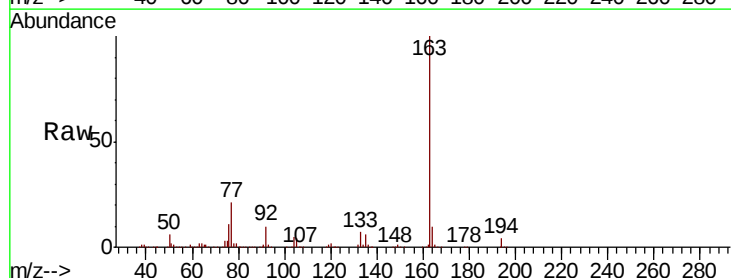
Tgt Ion:163 Resp: 981853

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

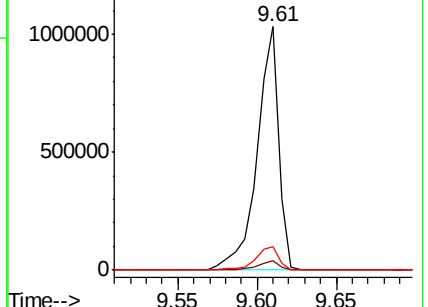
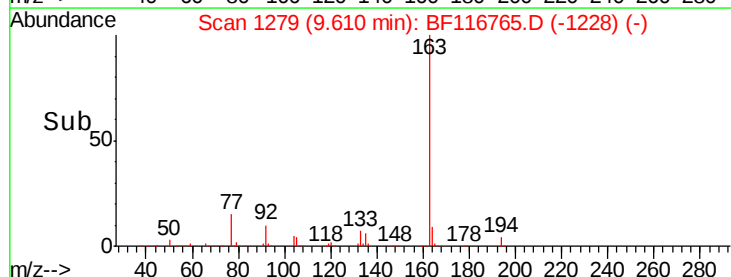
164 9.7 8.6 12.8

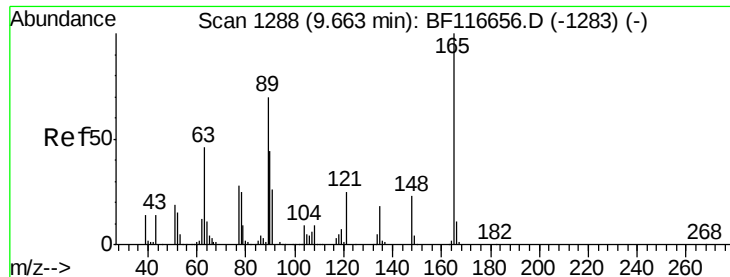


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.639 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

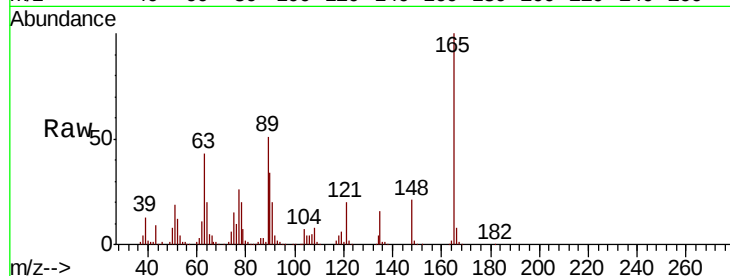
Tot Ion:165 Resp: 229249

Ion Ratio Lower Upper

165 100

63 43.2 47.3 70.9#

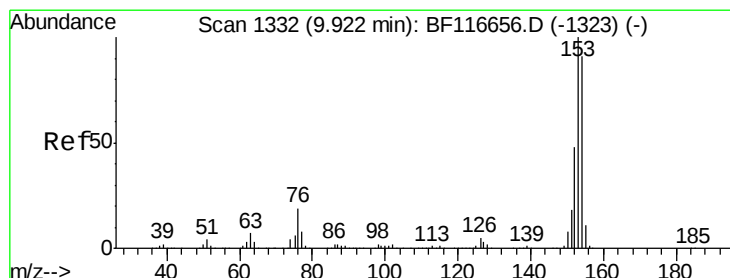
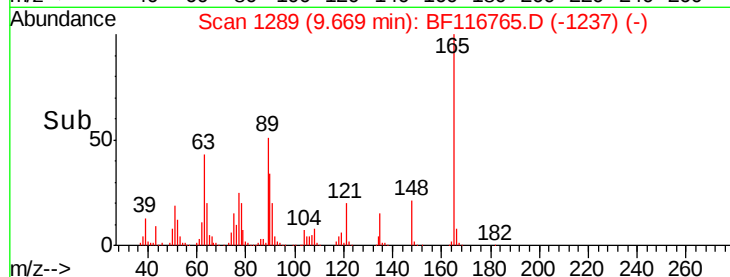
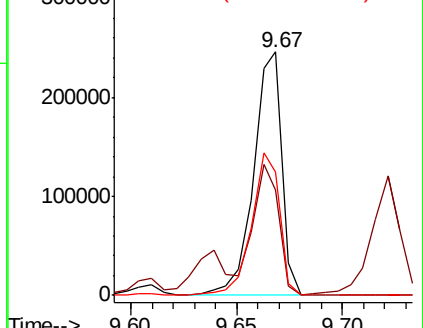
89 50.8 52.5 78.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.074 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

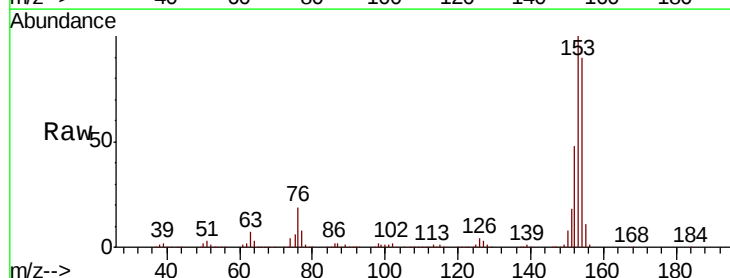
Tgt Ion:154 Resp: 866819

Ion Ratio Lower Upper

154 100

153 111.2 89.5 134.3

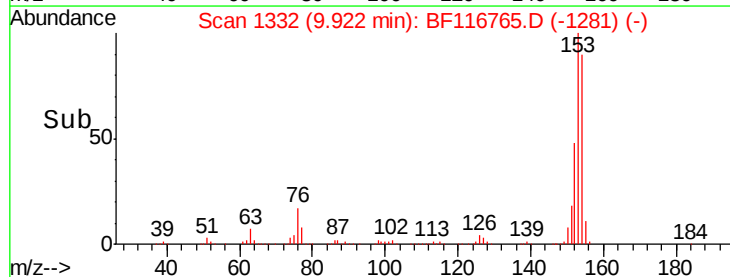
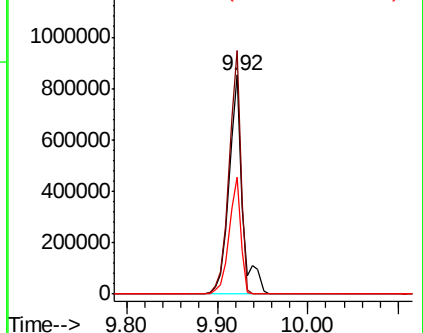
152 53.1 41.9 62.9

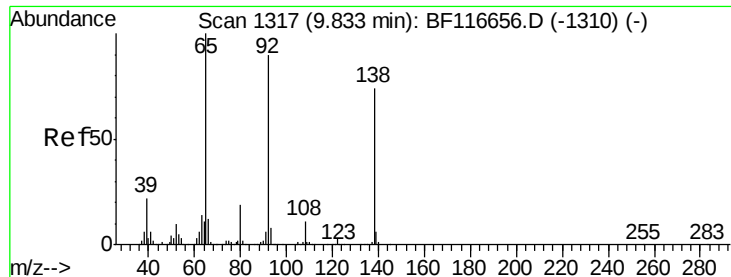


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

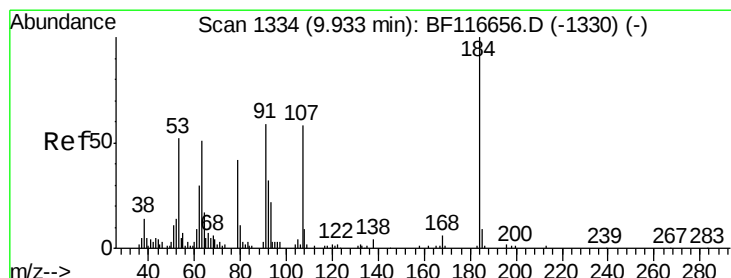
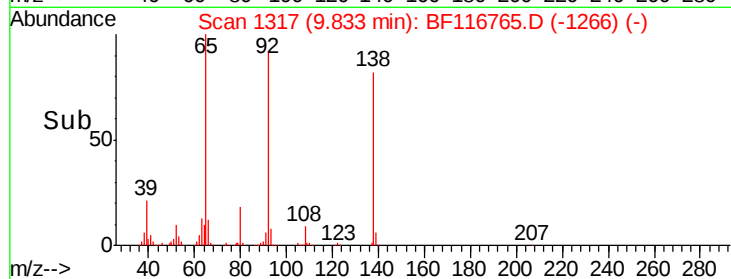
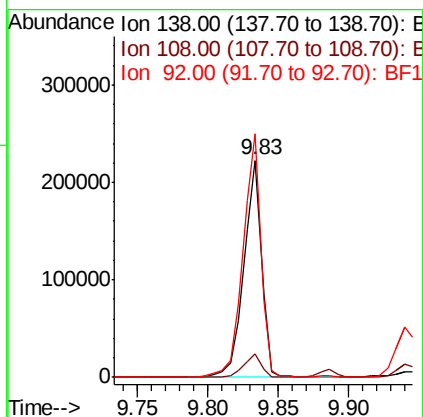
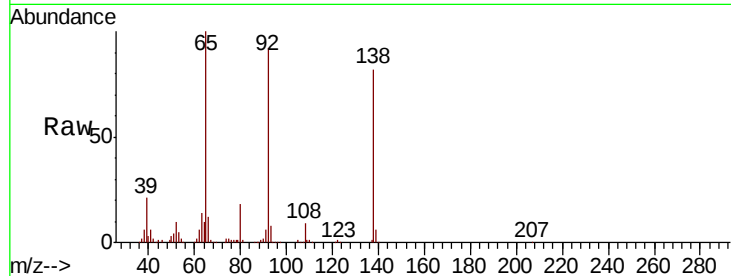




#53
3-Nitroaniline
Concen: 35.141 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

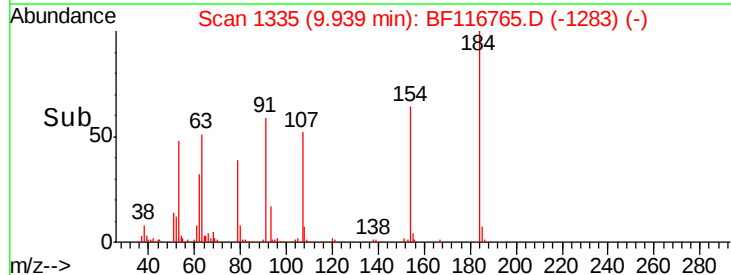
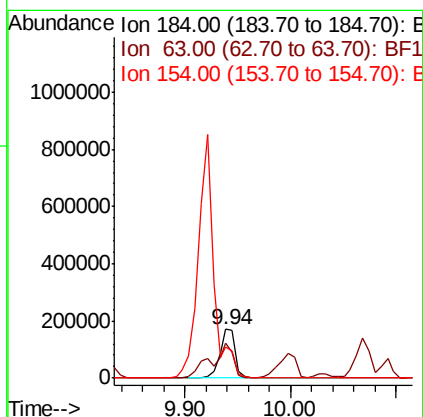
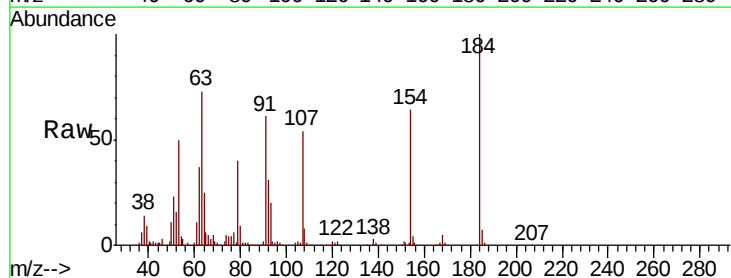
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 195509
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 112.2 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 106.254 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:184 Resp: 172646
Ion Ratio Lower Upper
184 100
63 72.7 52.2 78.2
154 63.9 60.8 91.2

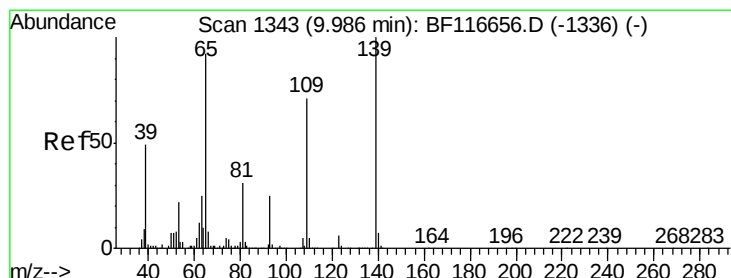
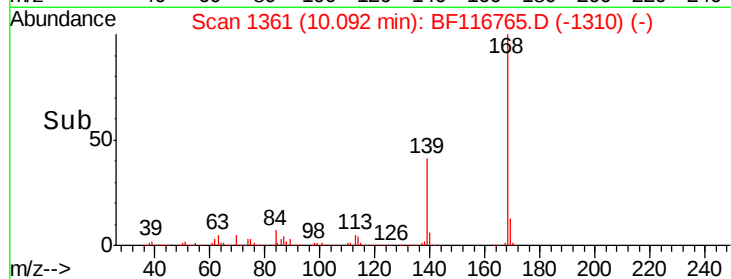
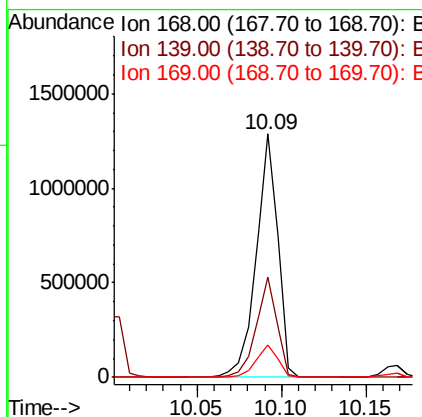
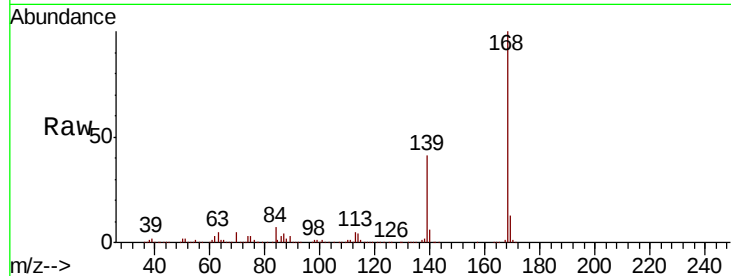




#55
Dibenzofuran
Concen: 43.240 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

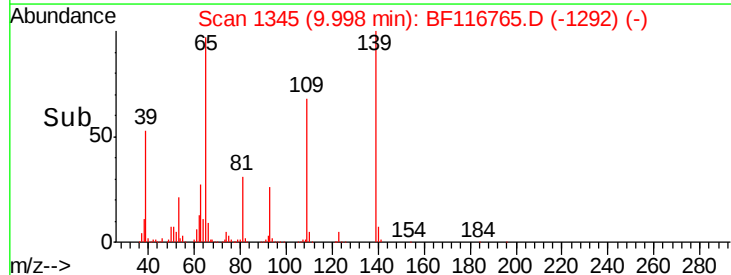
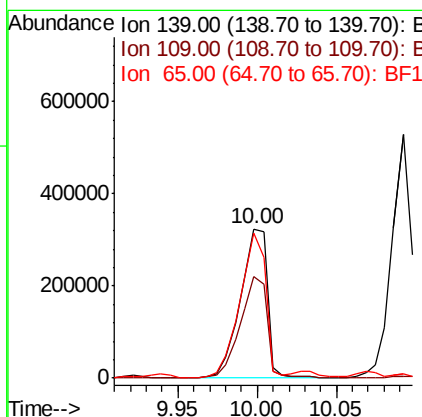
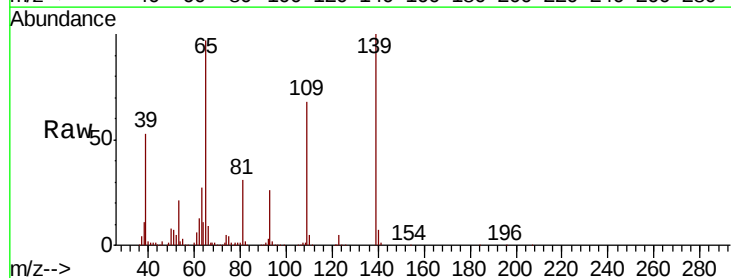
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1146808
Ion Ratio Lower Upper
168 100
139 41.0 31.5 47.3
169 13.4 10.3 15.5



#56
4-Nitrophenol
Concen: 101.044 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:139 Resp: 385463
Ion Ratio Lower Upper
139 100
109 68.4 61.7 101.7
65 96.8 89.1 129.1





#57

2,4-Dinitrotoluene

Concen: 55.433 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 300915

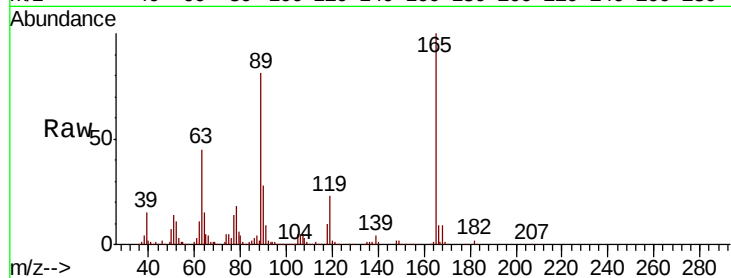
Ion Ratio Lower Upper

165 100

63 44.7 36.4 54.6

89 81.2 62.6 94.0

182 2.5 2.1 3.1

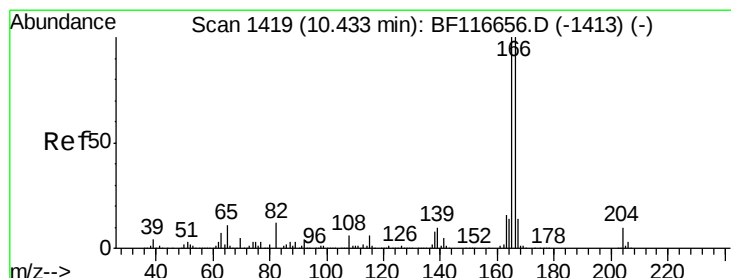
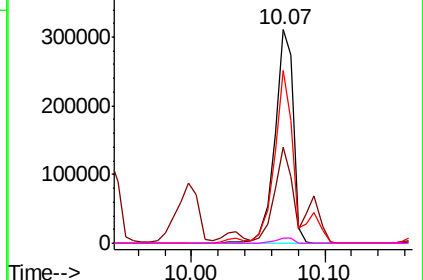
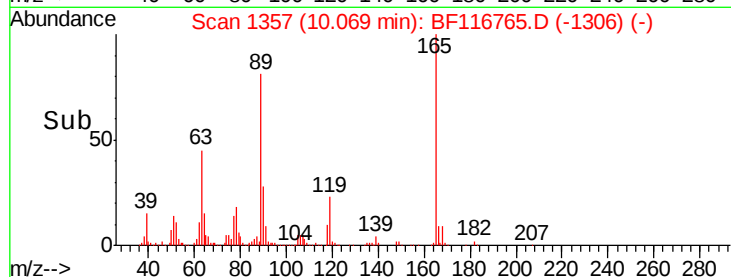


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.836 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

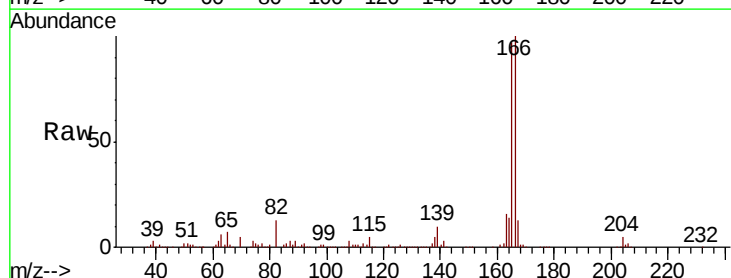
Tgt Ion:166 Resp: 885866

Ion Ratio Lower Upper

166 100

165 97.5 78.8 118.2

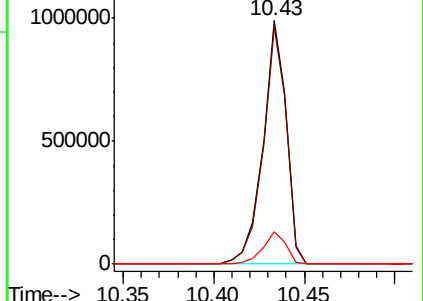
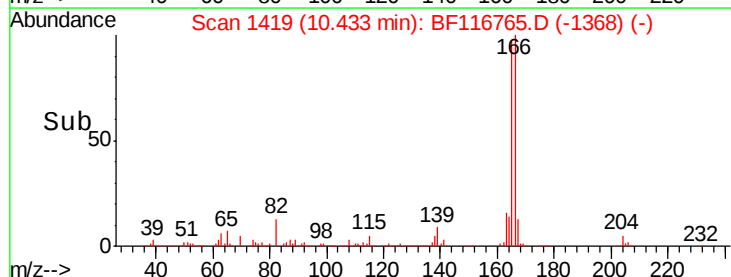
167 13.2 10.0 15.0



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

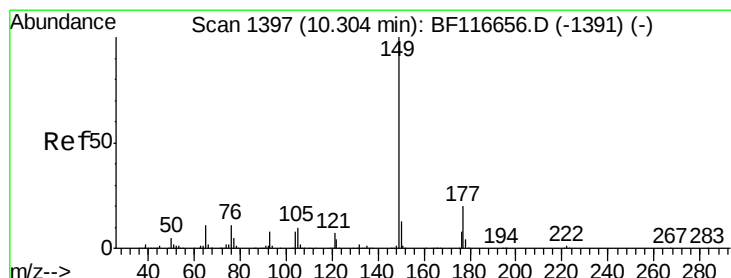
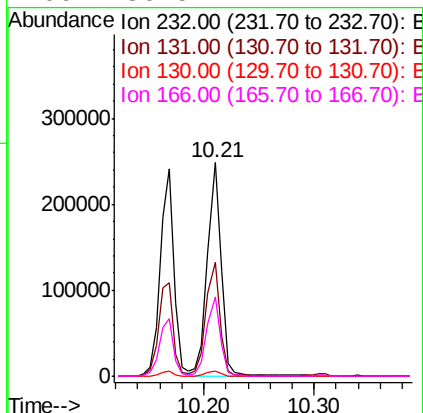
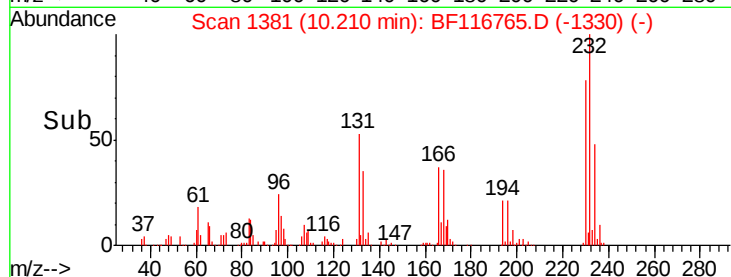
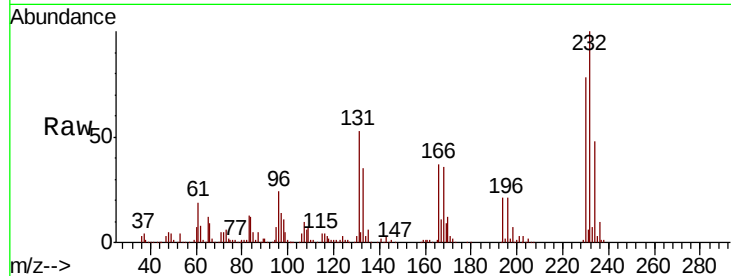




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.515 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

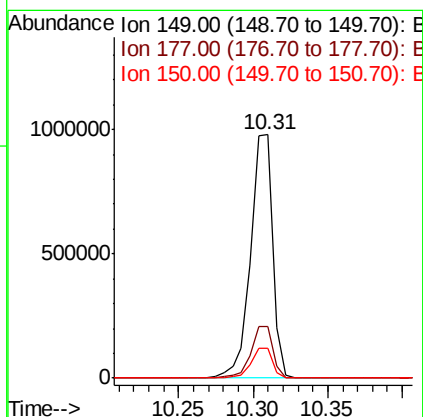
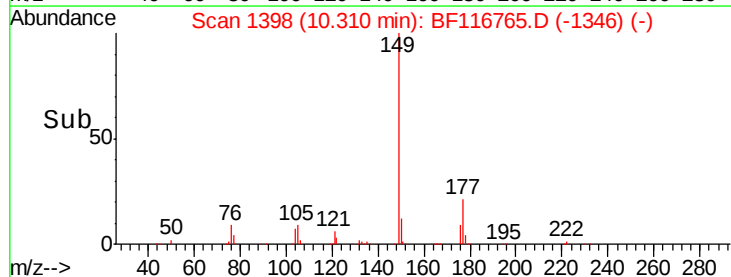
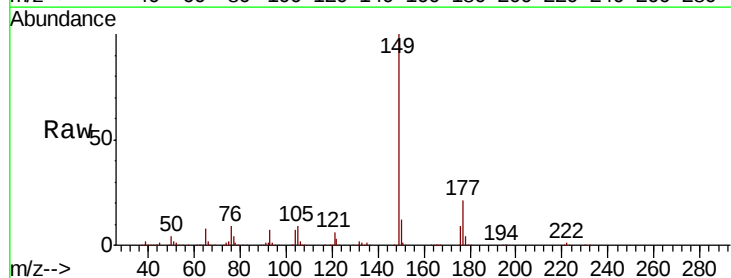
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.9	42.7	64.1
130	2.7	1.9	2.9
166	36.5	27.4	41.2



#60
Diethylphthalate
Concen: 42.841 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.4	9.7	14.5

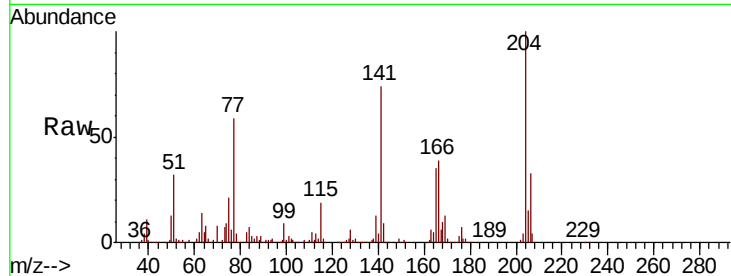




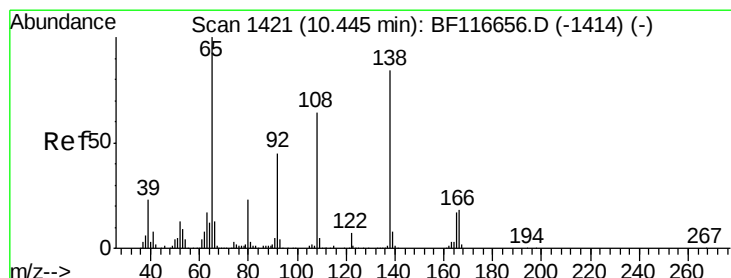
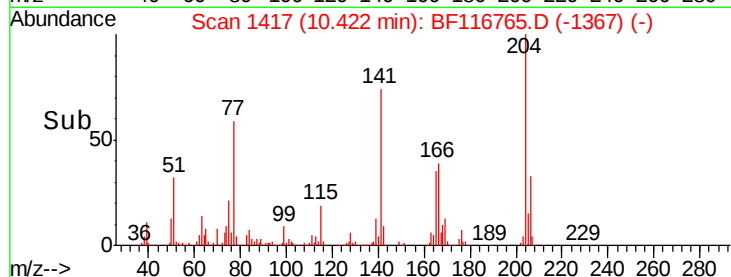
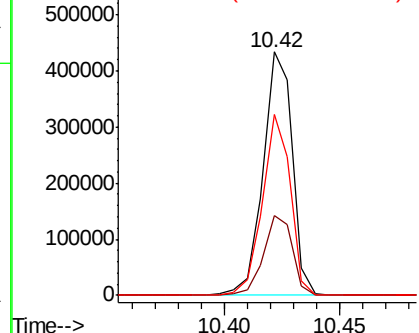
#61
4-Chlorophenyl-phenylether
Concen: 43.278 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 382983
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.2
141 74.5 53.8 80.8

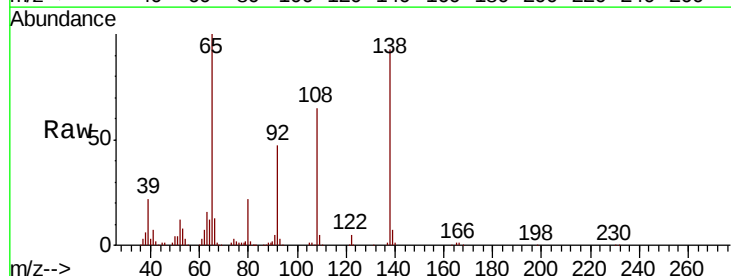


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

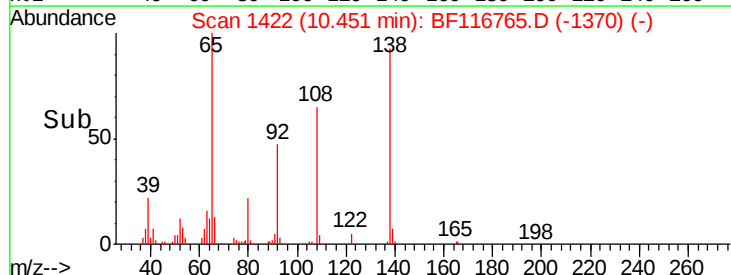
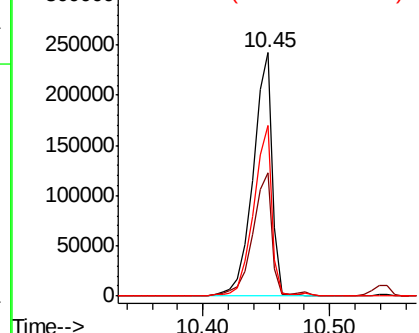


#62
4-Nitroaniline
Concen: 47.284 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:138 Resp: 255298
Ion Ratio Lower Upper
138 100
92 50.4 28.7 68.7
108 70.1 60.4 100.4



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





#63

Azobenzene

Concen: 42.847 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1041350

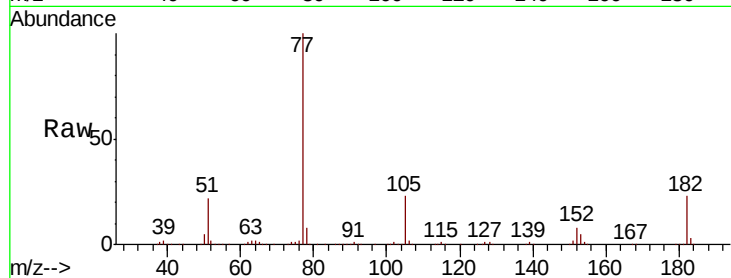
Ion Ratio Lower Upper

77 100

182 23.5 1.2 41.2

105 22.8 0.6 40.6

51 22.0 8.2 48.2

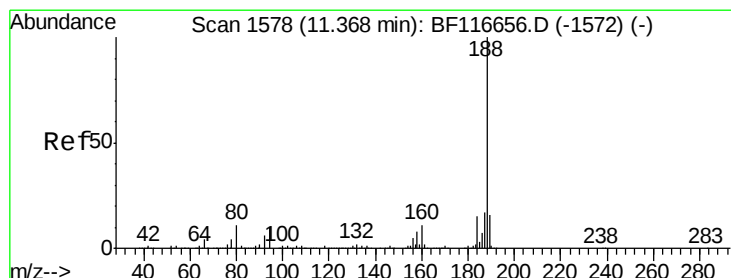
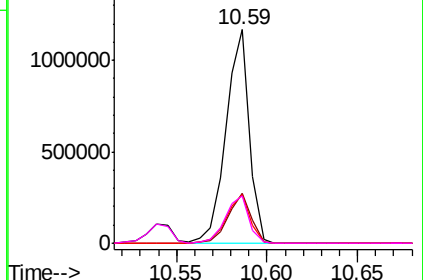
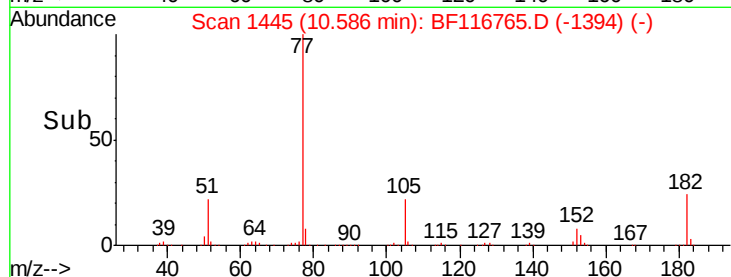


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

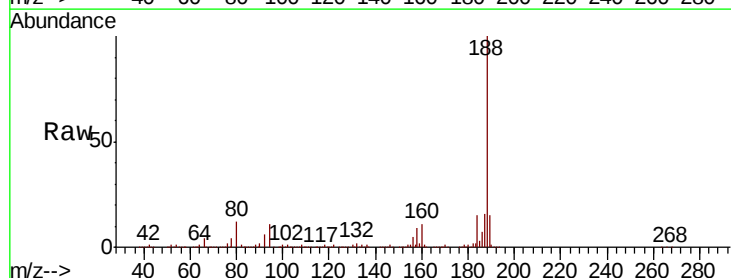
Tgt Ion: 188 Resp: 547347

Ion Ratio Lower Upper

188 100

94 11.0 7.3 10.9#

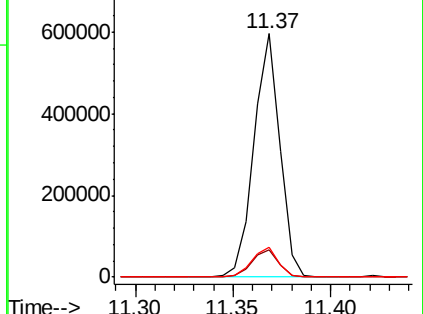
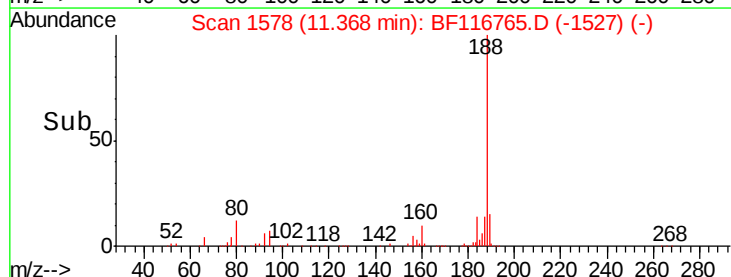
80 12.1 8.4 12.6



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

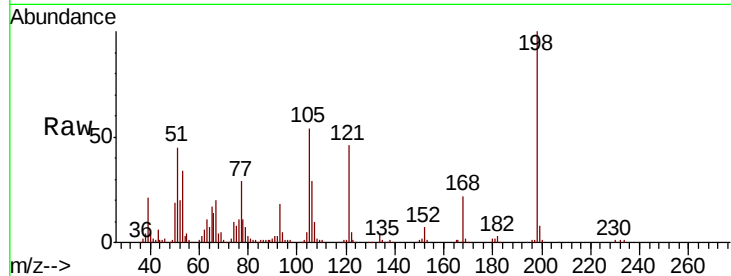




#65
4,6-Dinitro-2-methylphenol
Concen: 60.508 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	198	Resp	126609
Ion Ratio	100	Lower	Upper
51	45.2	18.4	58.4
105	54.0	22.9	62.9

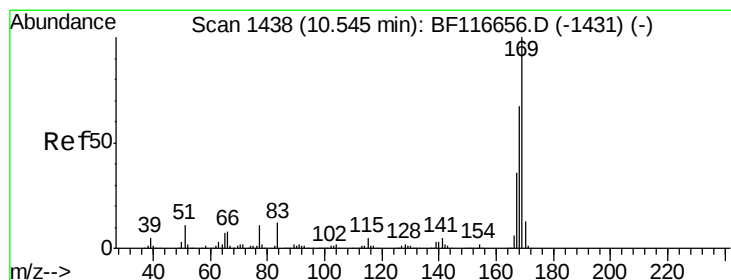
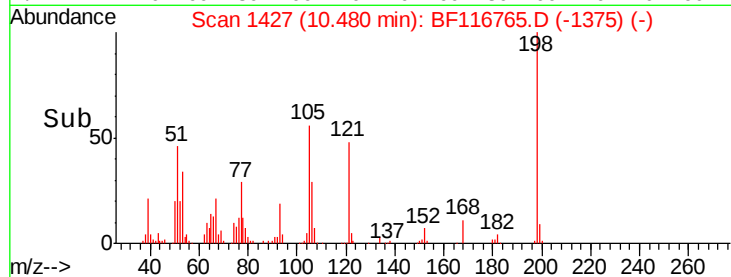
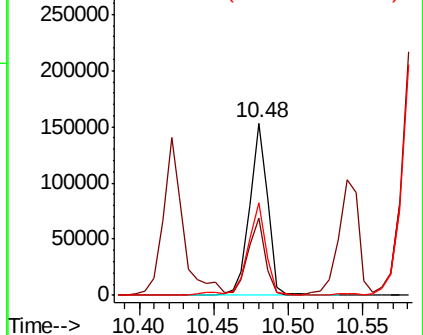


Abundance

Ion 198.00 (197.70 to 198.70): E

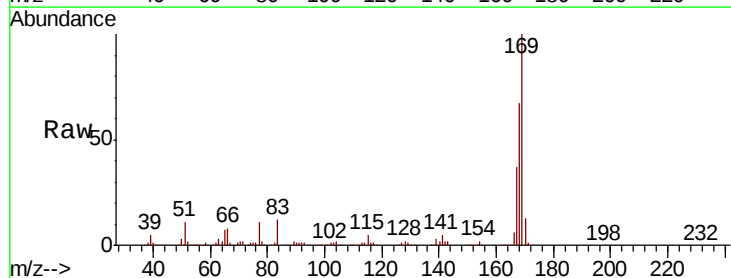
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.541 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	169	Resp	824440
Ion Ratio	100	Lower	Upper
168	66.8	55.8	83.6
167	36.8	29.4	44.2

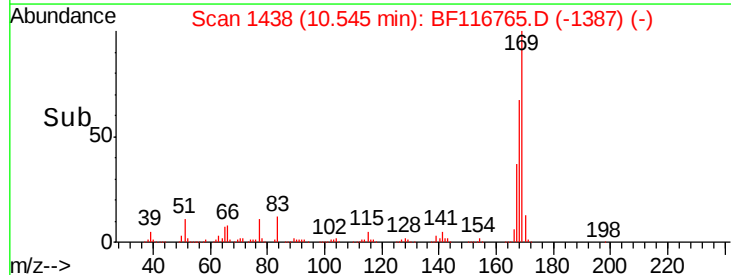
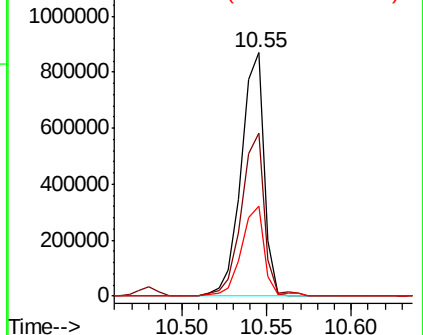


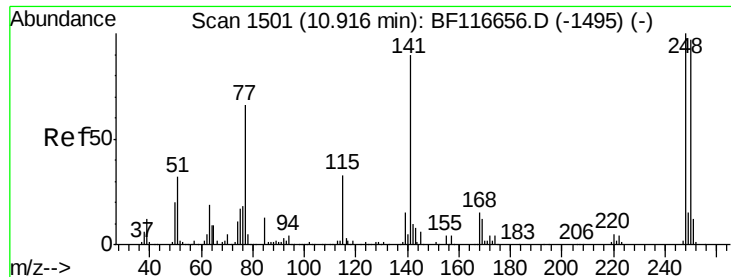
Abundance

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: 42.246 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

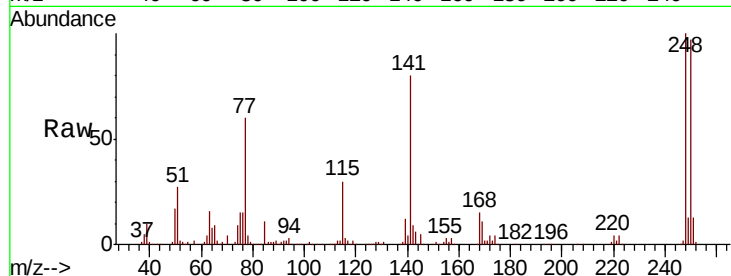
Tot Ion:248 Resp: 234901

Ion Ratio Lower Upper

248 100

250 97.0 77.8 116.8

141 79.8 75.9 113.9

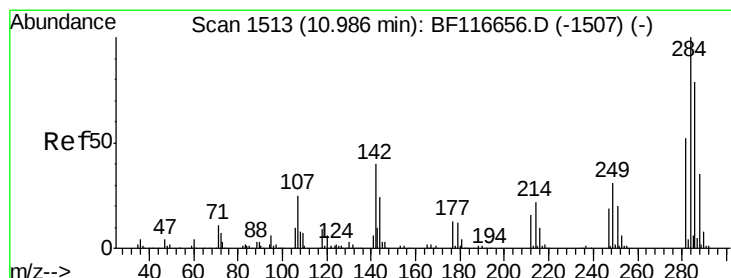
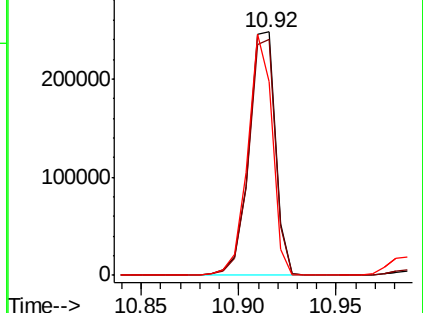
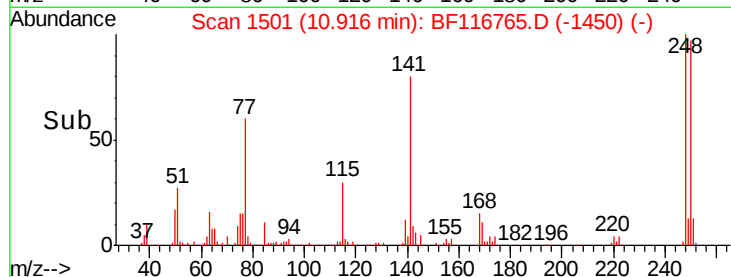


Abundance

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: 42.007 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

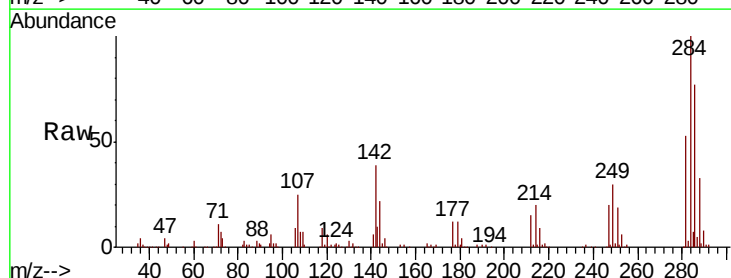
Tgt Ion:284 Resp: 244380

Ion Ratio Lower Upper

284 100

142 38.6 34.0 51.0

249 29.8 26.4 39.6

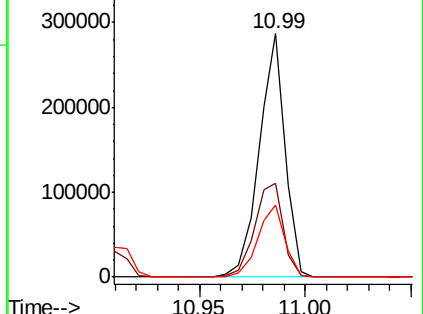
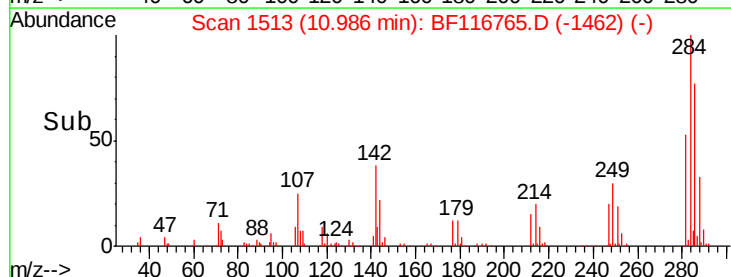


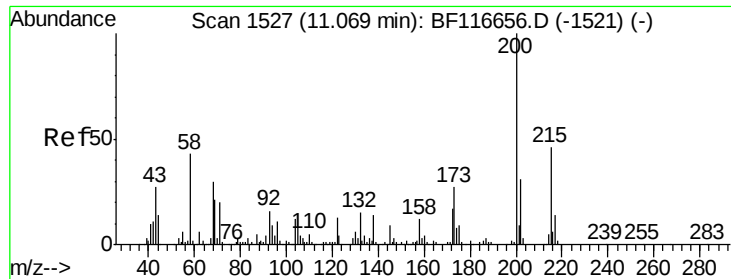
Abundance

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: 44.006 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

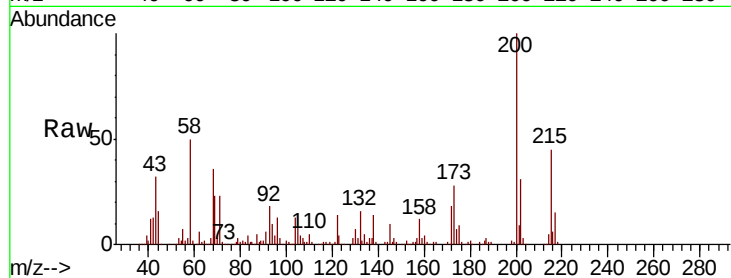
Tot Ion:200 Resp: 233369

Ion Ratio Lower Upper

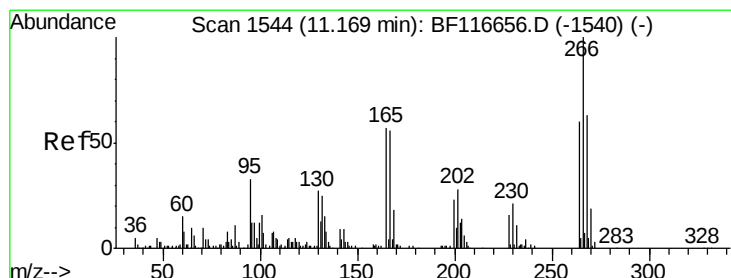
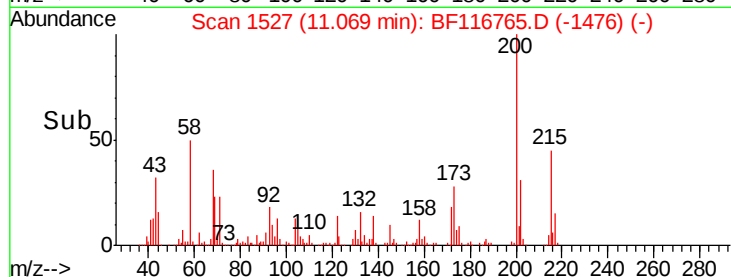
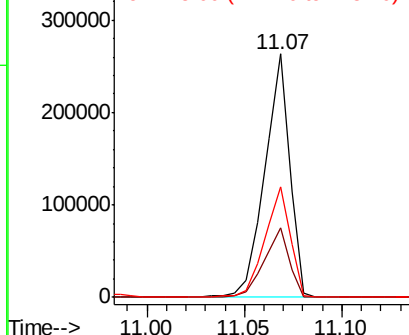
200 100

173 28.3 6.2 46.2

215 45.2 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.702 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

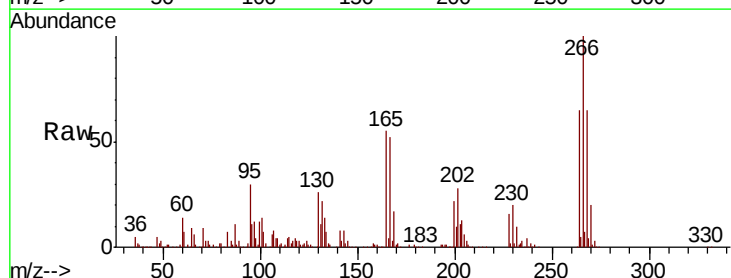
Tgt Ion:266 Resp: 289024

Ion Ratio Lower Upper

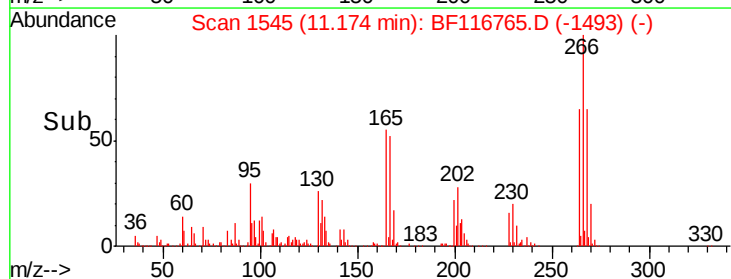
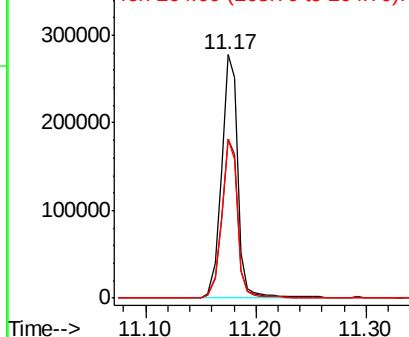
266 100

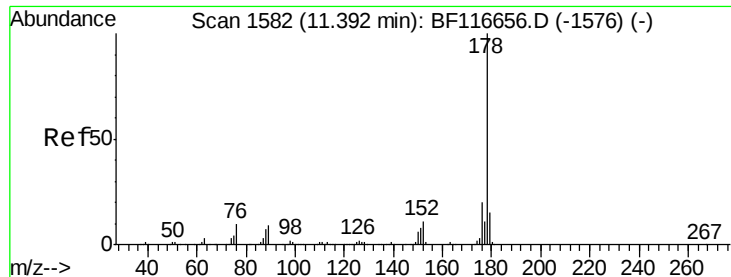
268 65.3 51.2 76.8

264 65.4 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

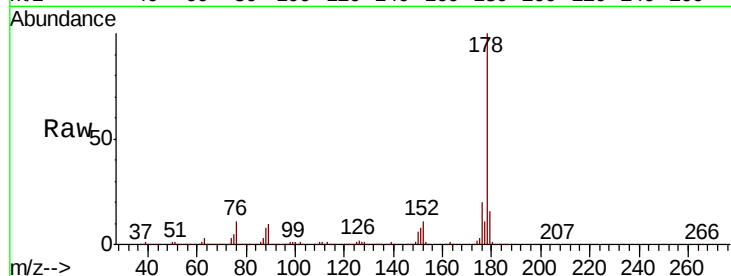




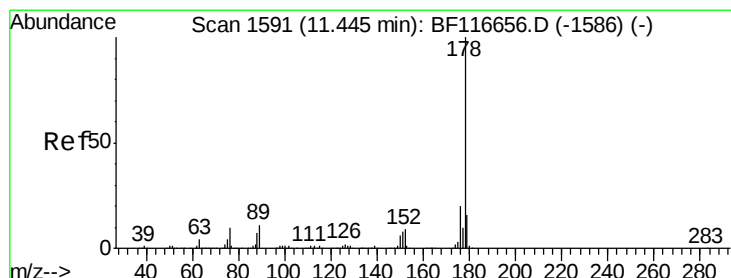
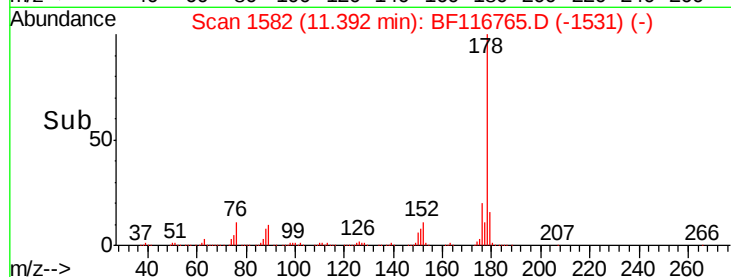
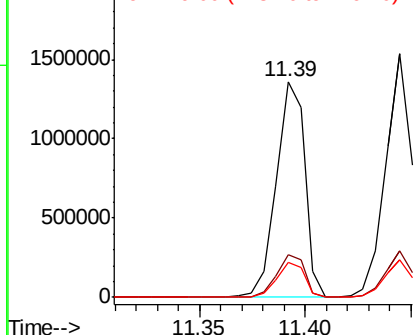
#71
Phenanthrene
Concen: 42.143 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1284058
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 12.2 18.2

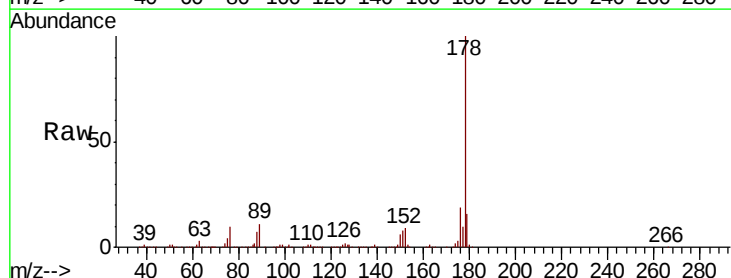


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

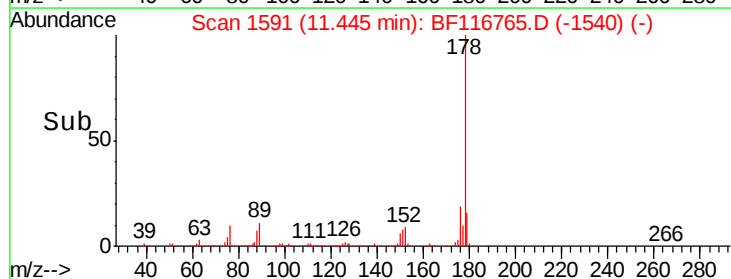
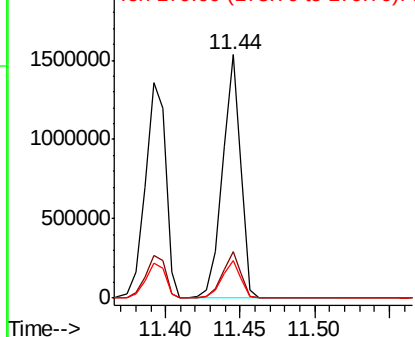


#72
Anthracene
Concen: 43.037 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:178 Resp: 1319980
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



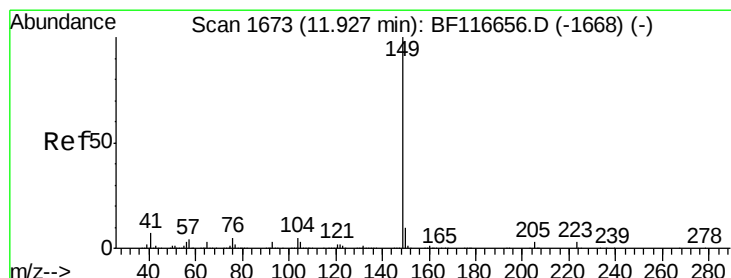
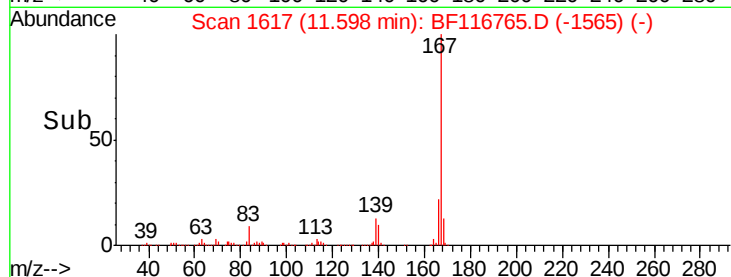
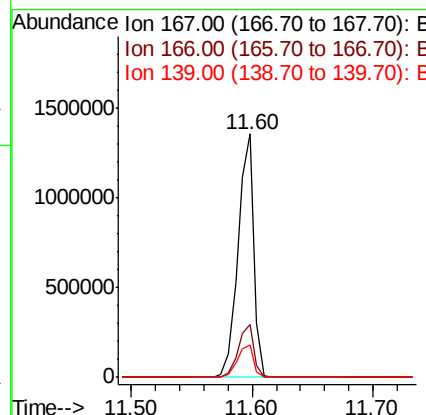
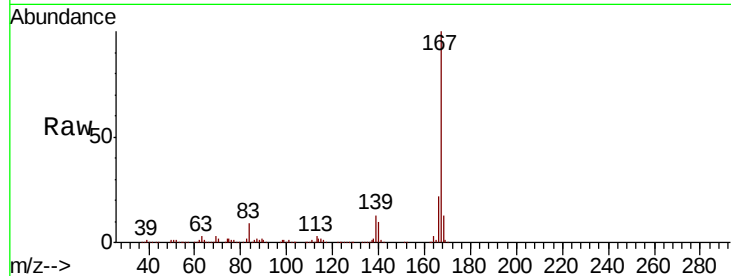


#73
 Carbazole
 Concen: 42.134 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1230982

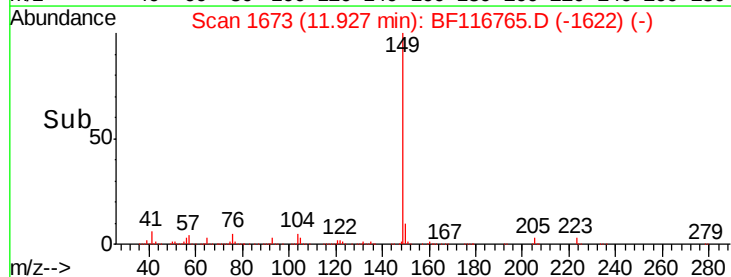
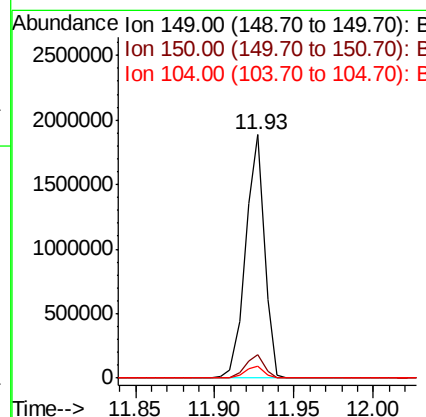
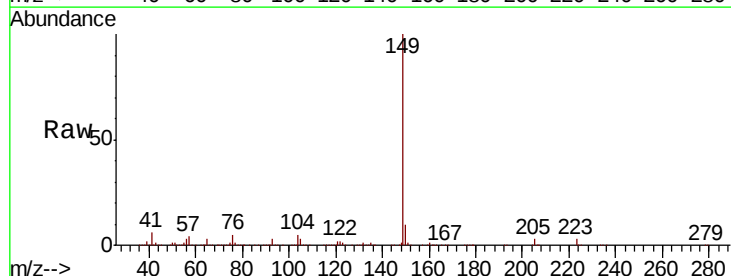
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.1	11.1	16.7

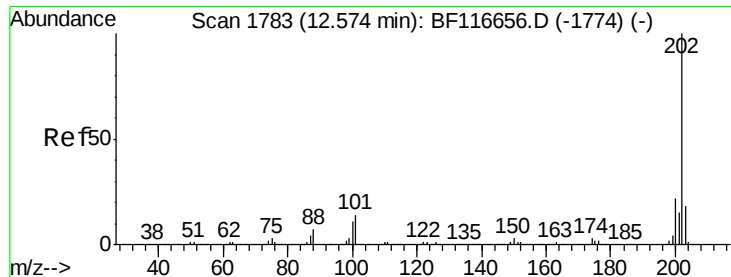


#74
 Di-n-butylphthalate
 Concen: 41.507 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion:149 Resp: 1554608

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.0	4.2	6.2

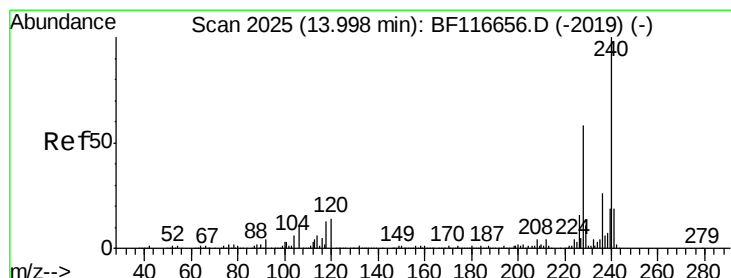
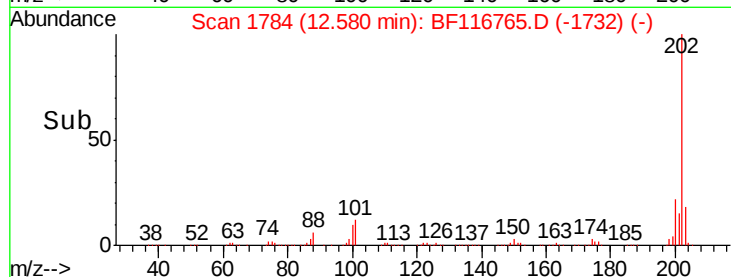
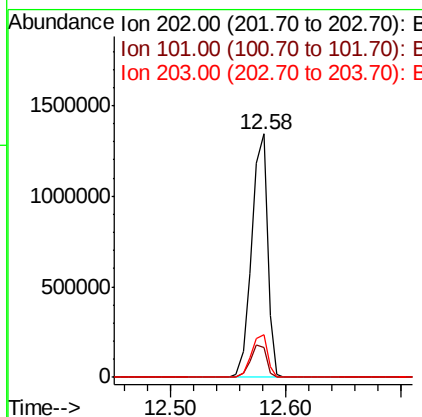
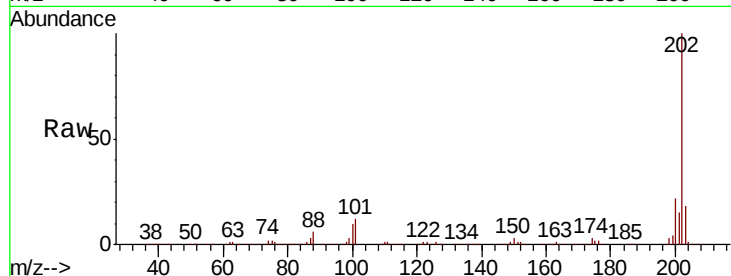




#75
 Fluoranthene
 Concen: 42.859 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

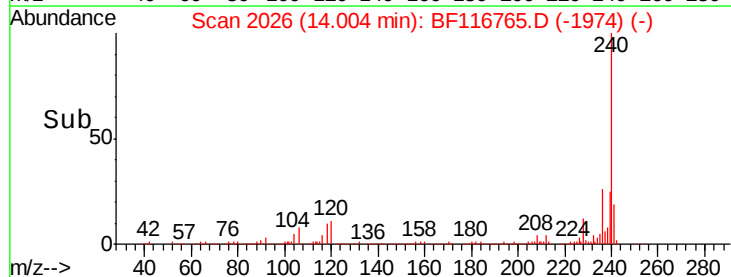
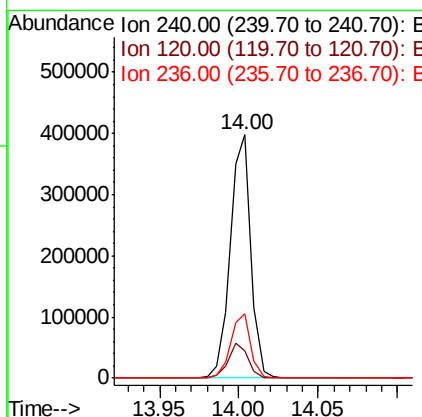
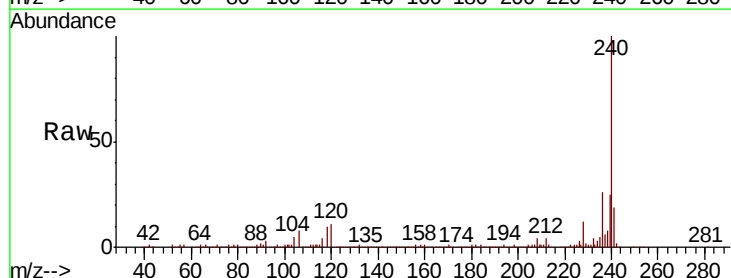
Instrument :
 BNA_F
 ClientSampleId :

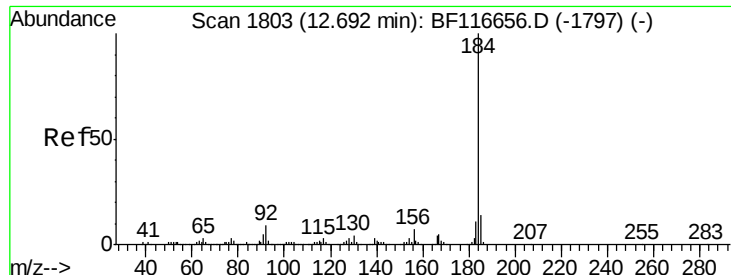
Tot Ion:202 Resp: 1283333
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.3
 203 17.7 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion:240 Resp: 356252
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.1 13.7
 236 26.5 21.1 31.7





#77

Benzidine

Concen: 44.484 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

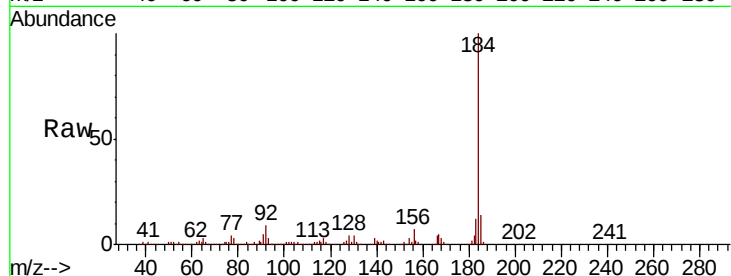
Tot Ion:184 Resp: 621574

Ion Ratio Lower Upper

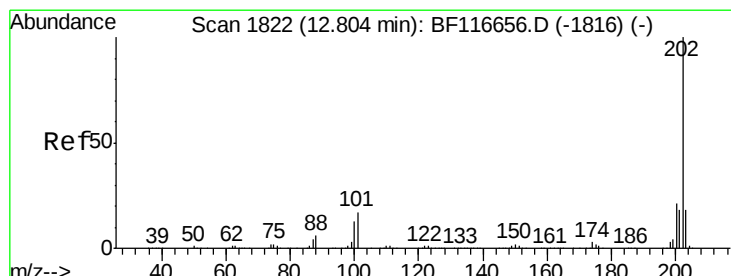
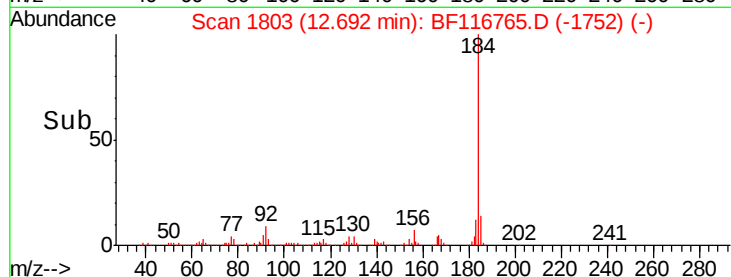
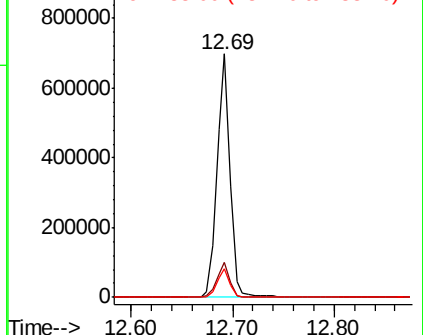
184 100

185 14.3 11.3 16.9

183 11.6 9.2 13.8



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



#78

Pyrene

Concen: 40.867 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

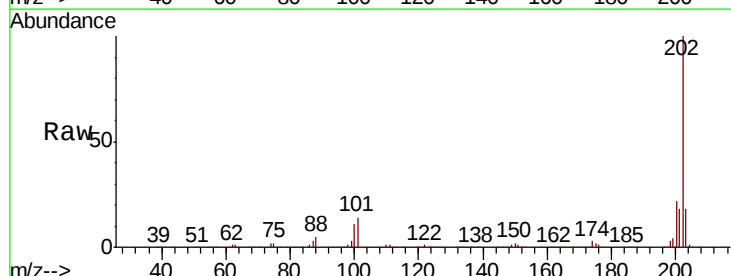
Tgt Ion:202 Resp: 1294208

Ion Ratio Lower Upper

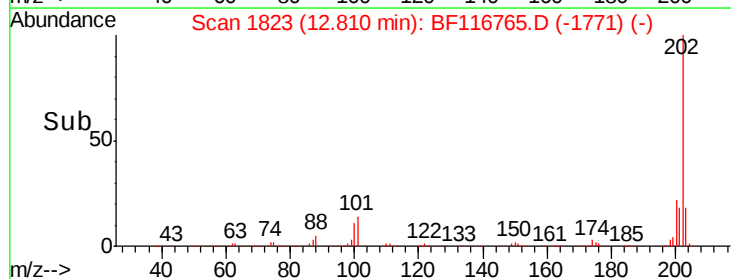
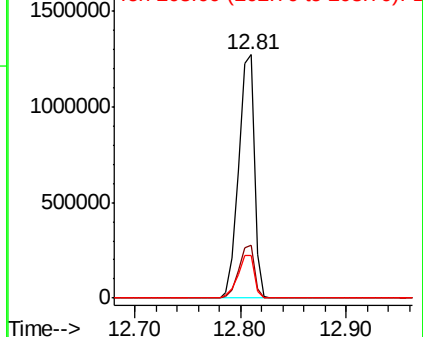
202 100

200 21.8 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

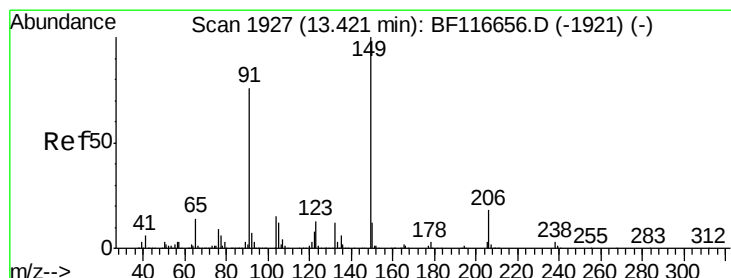
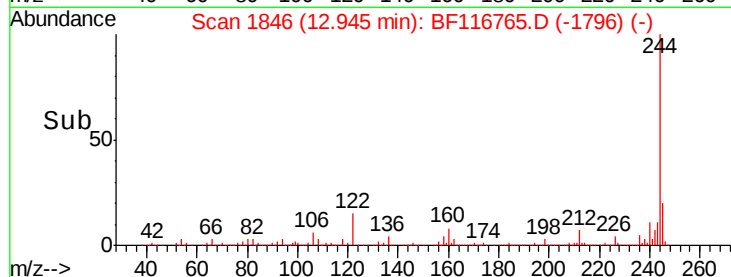
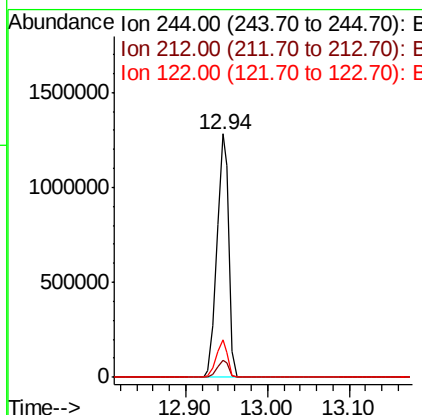
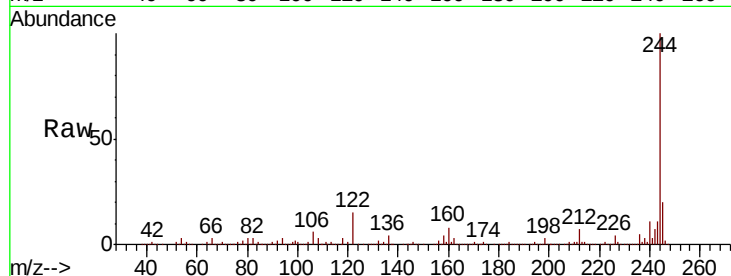




#79
 Terphenyl-d14
 Concen: 67.262 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

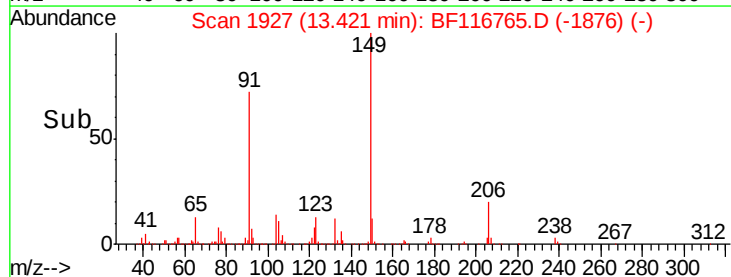
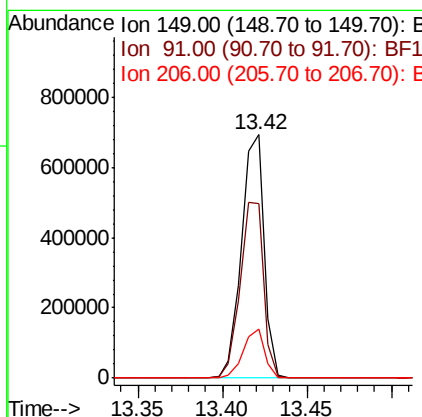
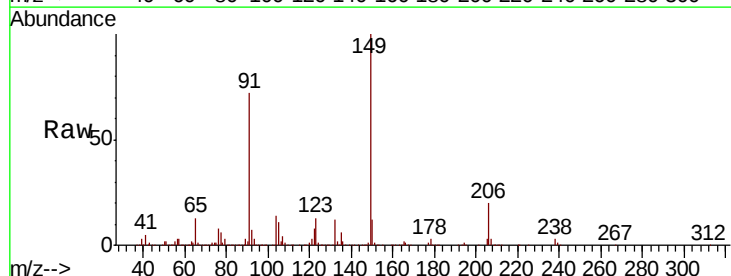
Instrument :
 BNA_F
 ClientSampleId :

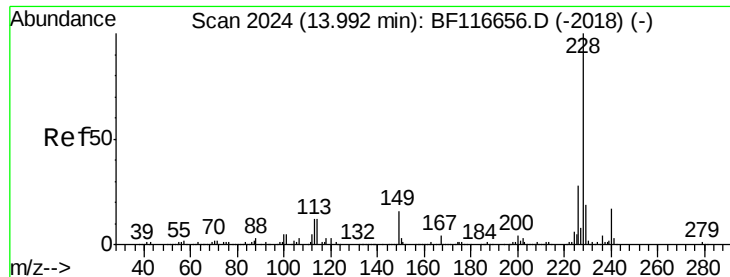
Tot Ion:244 Resp: 1295298
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 15.2 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 42.098 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion:149 Resp: 648327
 Ion Ratio Lower Upper
 149 100
 91 71.7 61.0 91.4
 206 20.0 14.8 22.2

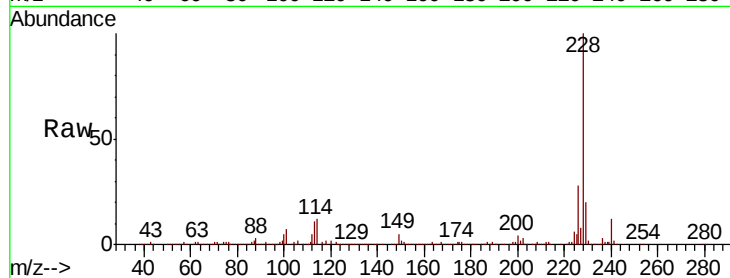




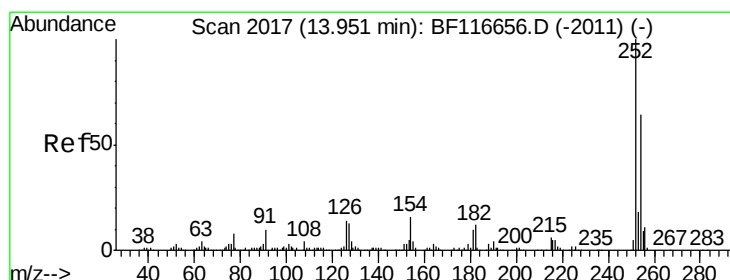
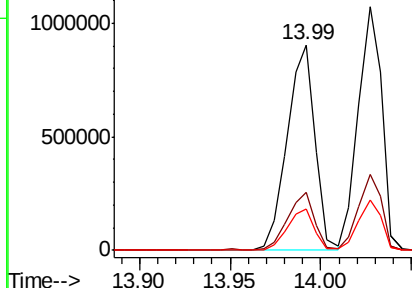
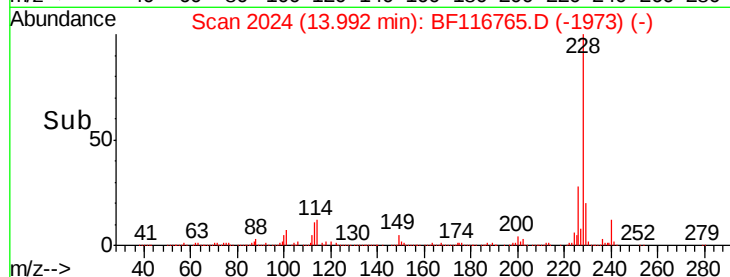
#81
Benzo(a)anthracene
Concen: 43.137 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 972622
Ion Ratio Lower Upper
228 100
226 28.5 22.0 33.0
229 20.2 16.4 24.6

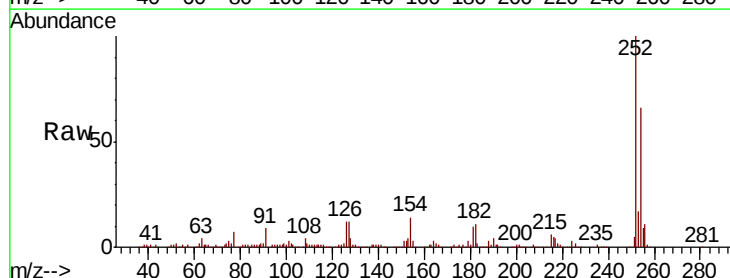


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

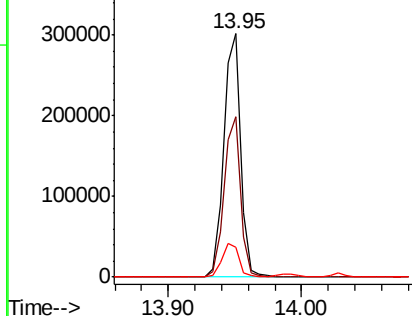
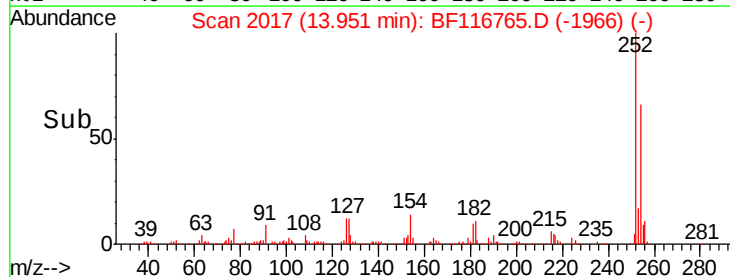


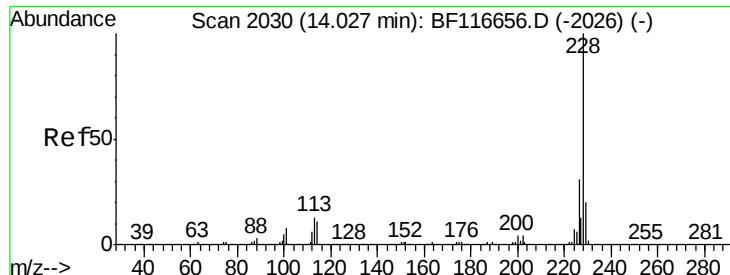
#82
3,3'-Dichlorobenzidine
Concen: 35.502 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:252 Resp: 270512
Ion Ratio Lower Upper
252 100
254 65.8 50.1 75.1
126 12.2 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



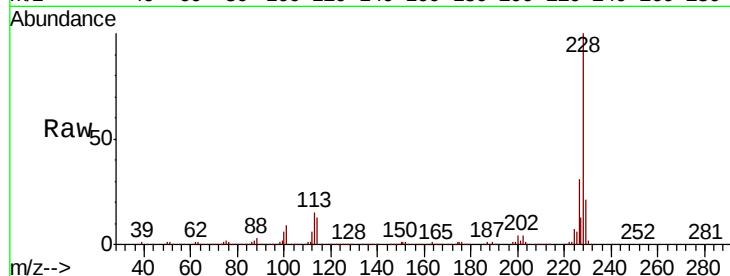


#83
 Chrvsene
 Concen: 42.135 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

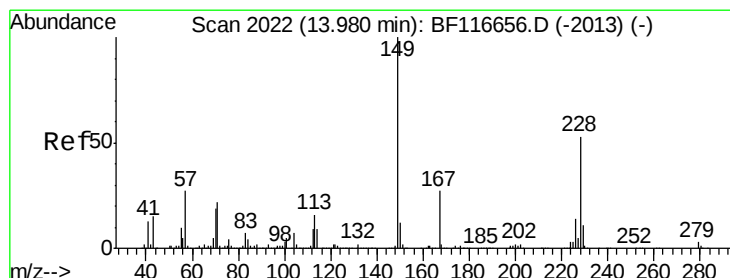
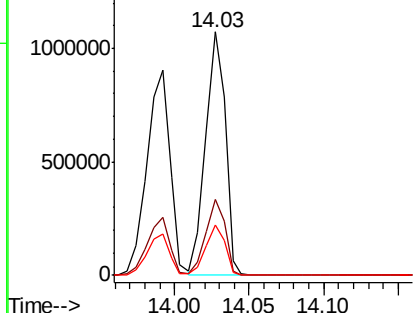
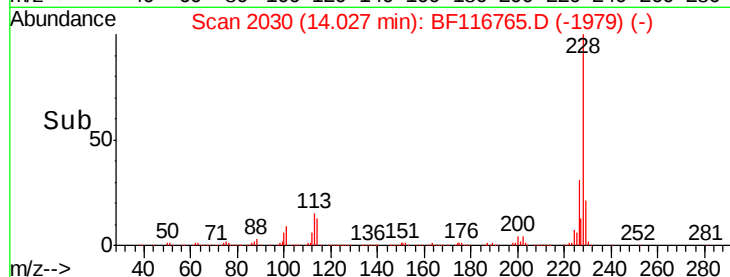
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 978748

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.6	15.4	23.0



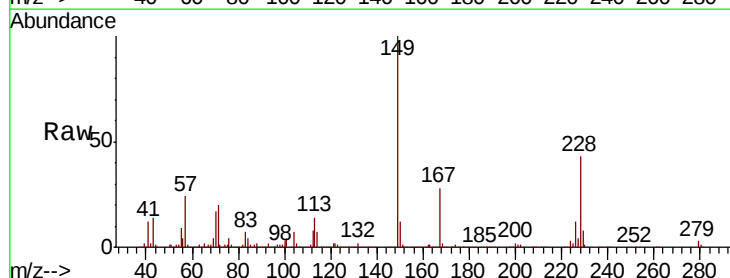
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



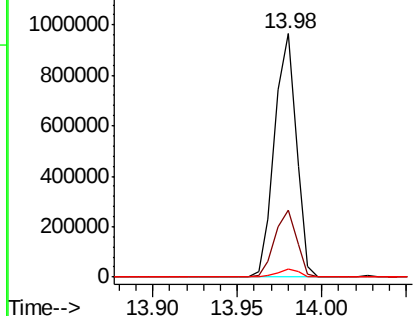
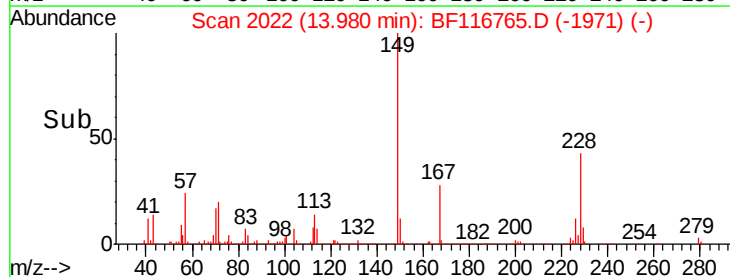
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.528 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

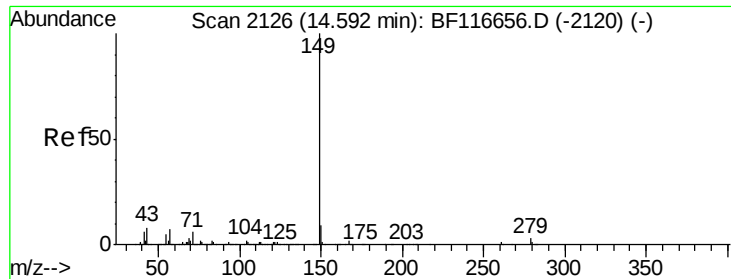
Tgt Ion:149 Resp: 865501

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.0	31.4
279	3.4	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

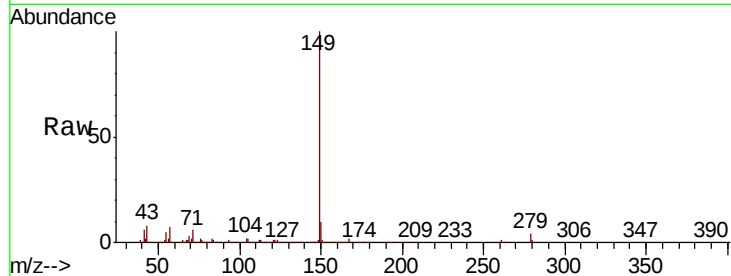




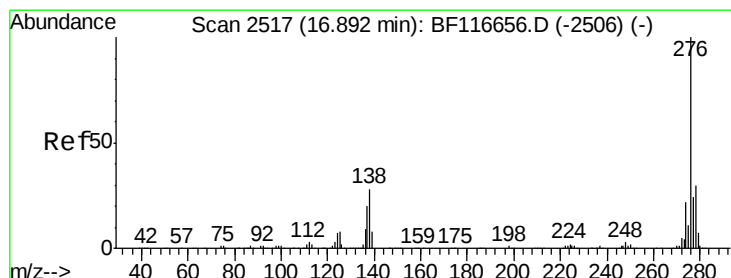
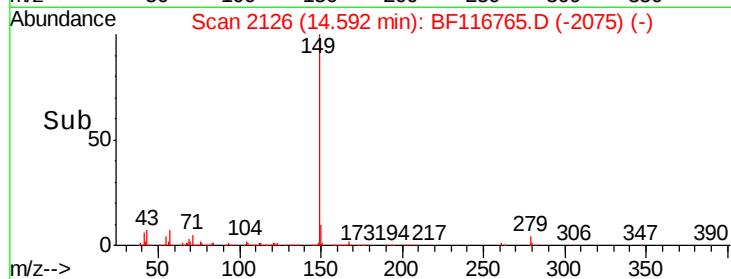
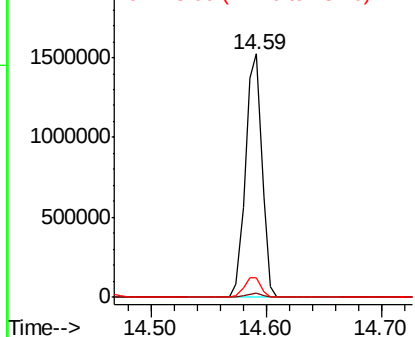
#85
Di-n-octyl phthalate
Concen: 48.391 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1505449
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 7.8 11.8

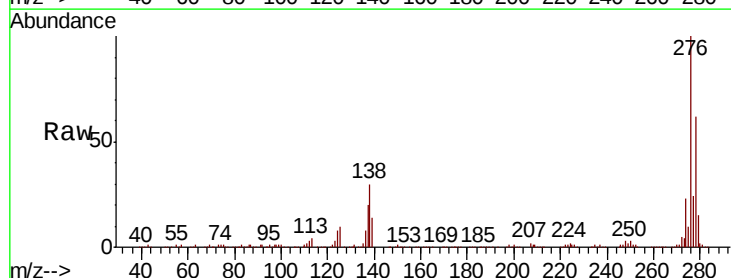


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

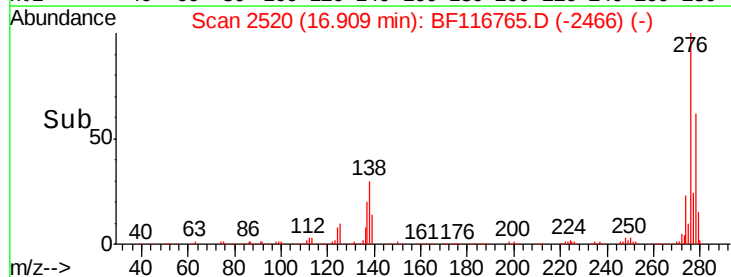
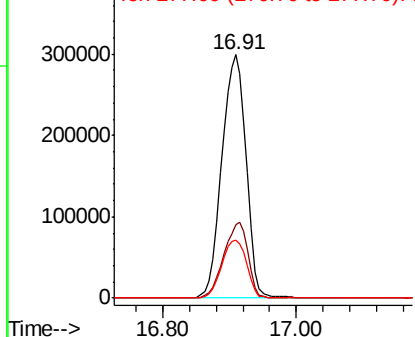


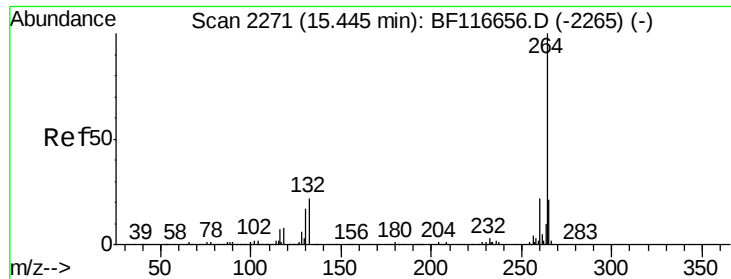
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.169 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:276 Resp: 768138
Ion Ratio Lower Upper
276 100
138 31.0 19.4 29.2#
277 24.8 20.5 30.7



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

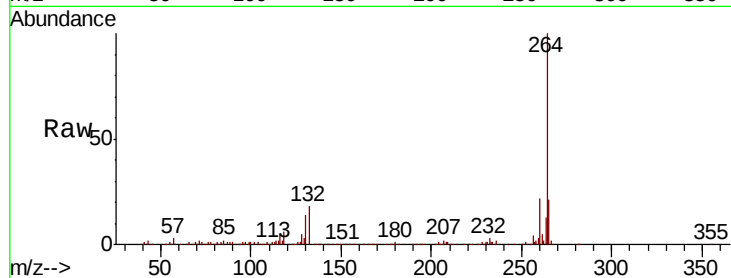




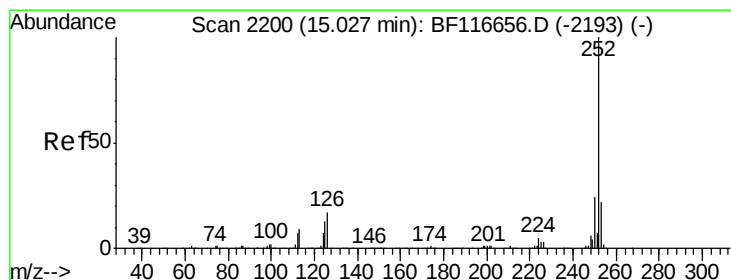
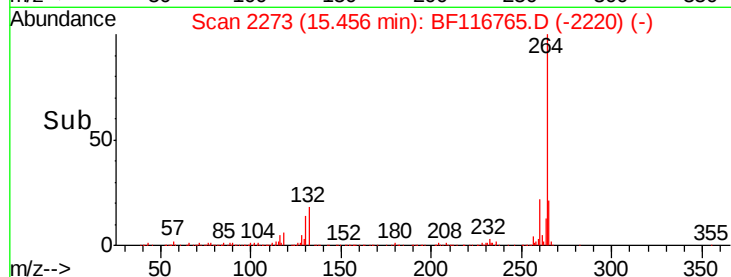
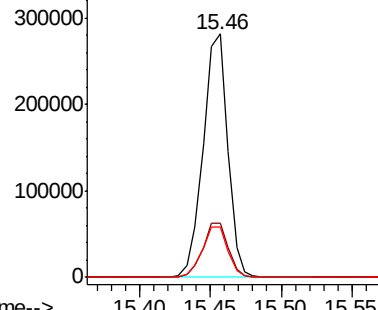
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 342488
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 20.6 16.5 24.7

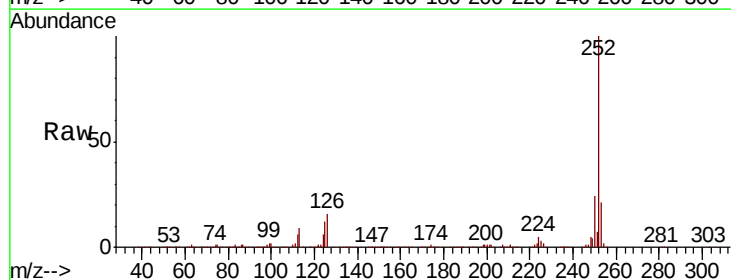


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

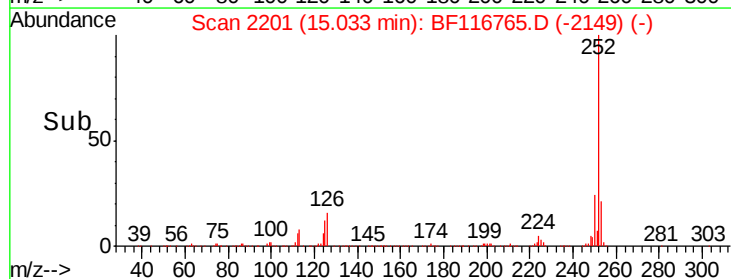
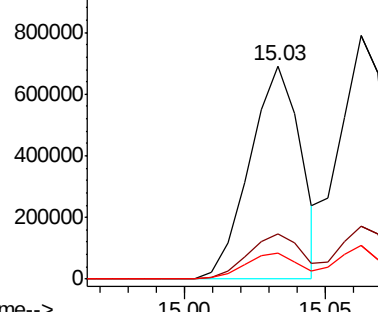


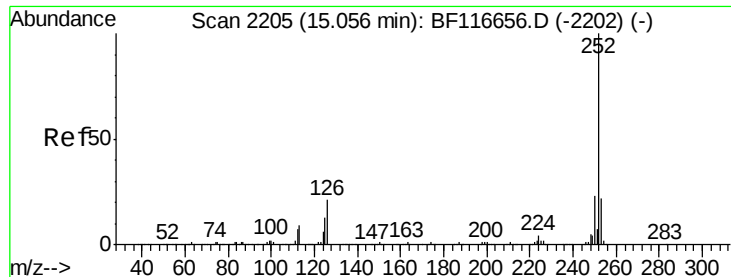
#88
Benzo(b)fluoranthene
Concen: 42.195 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:252 Resp: 873694
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 12.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

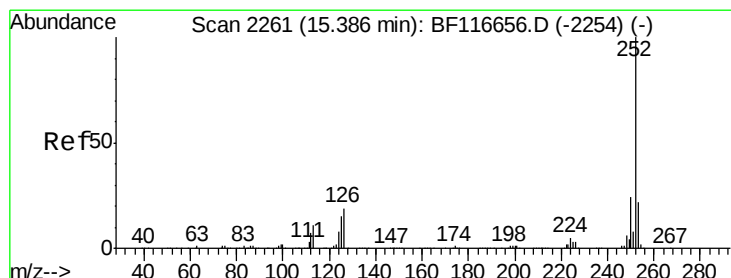
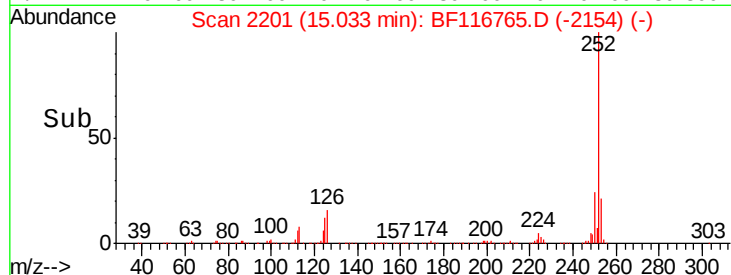
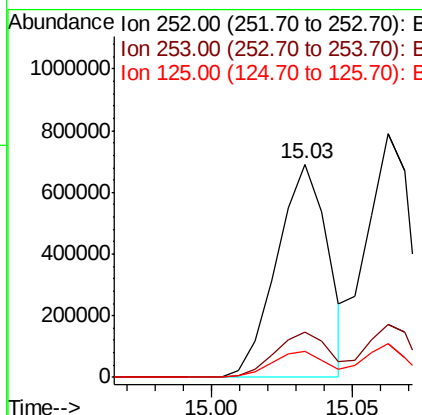
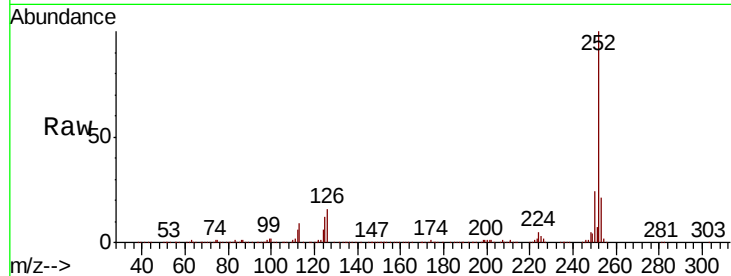




#89
Benzo(k)fluoranthene
Concen: 46.277 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

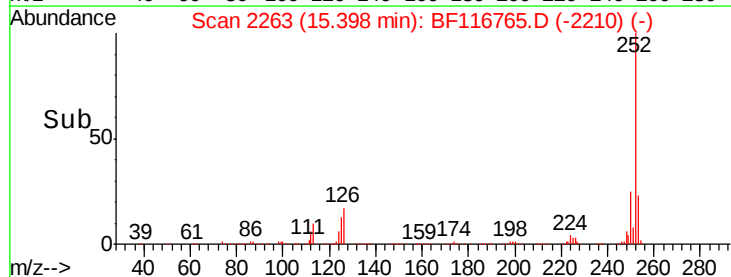
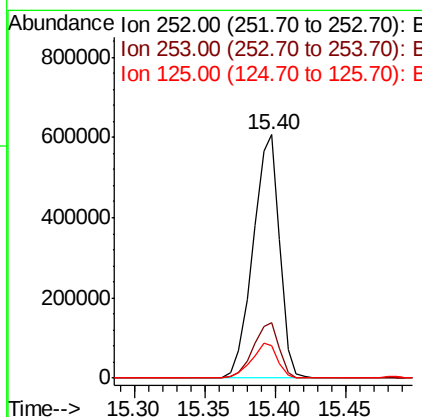
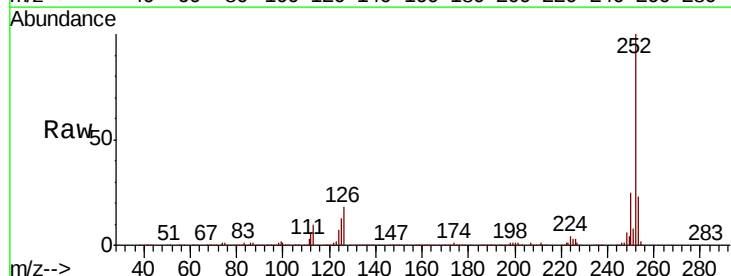
Instrument :
BNA_F
ClientSampleId :

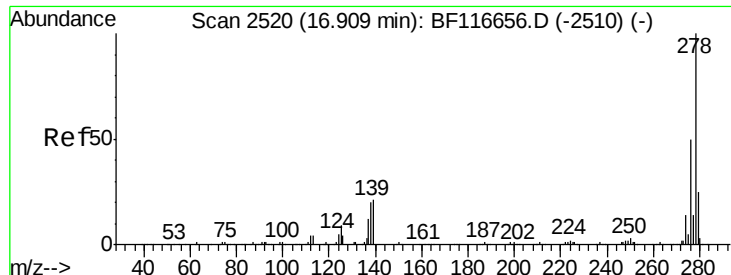
Tot Ion:252 Resp: 873694
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 12.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 44.525 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:252 Resp: 802104
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 13.2 9.8 14.8

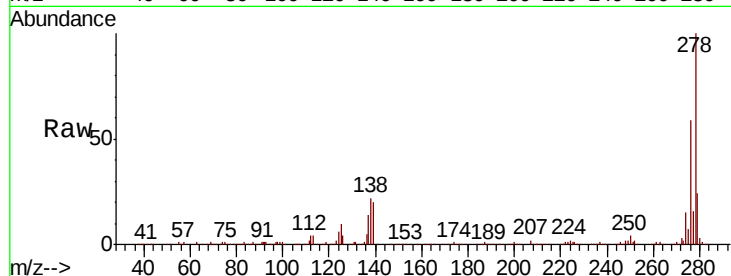




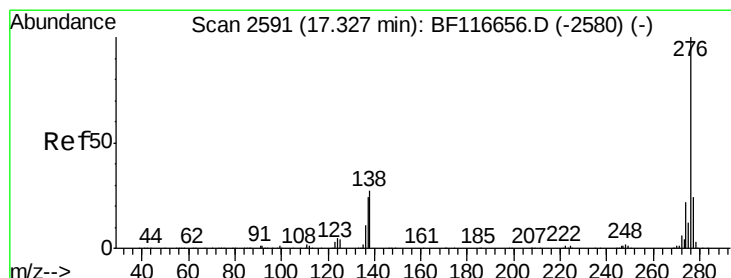
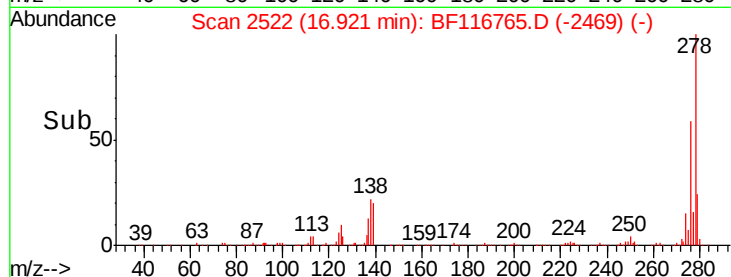
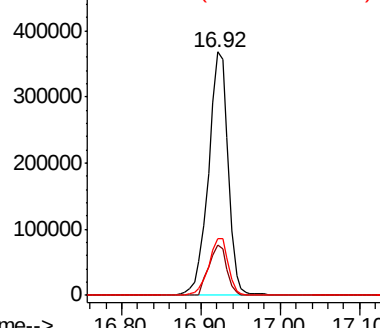
#91
Dibenzo(a,h)anthracene
Concen: 40.036 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.4	18.6#
279	23.5	18.2	27.4

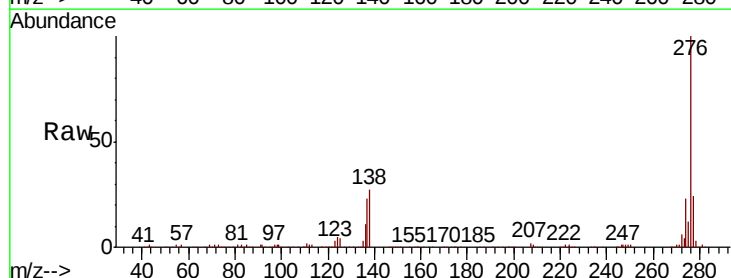


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.310 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.02 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	26.9	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

