

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116919.D
 Acq On : 10 Sep 2019 14:16
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 10 17:47:27 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	6.83	152	88219	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	362550	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	183079	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	297900	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	196822	20.00	ng	-0.01
87) Perylene-d12	15.43	264	171641	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	467767	85.90	ng	-0.01
7) Phenol-d6	6.47	99	602758	84.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	587514	92.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	132297	108.09	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	988274	91.06	ng	-0.02
79) Terphenyl-d14	12.93	244	931068	87.51	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	96951	38.568	ng	95
3) Pyridine	3.32	79	272737	37.473	ng	91
4) n-Nitrosodimethylamine	3.26	42	89635	35.864	ng	# 85
6) Aniline	6.50	93	396326	40.018	ng	99
8) 2-Chlorophenol	6.62	128	251285	42.272	ng	96
9) Benzaldehyde	6.39	77	176333	37.432	ng	96
10) Phenol	6.49	94	333929	42.174	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	246544	39.990	ng	97
12) 1,3-Dichlorobenzene	6.78	146	283720	42.230	ng	96
13) 1,4-Dichlorobenzene	6.86	146	289214	43.239	ng	98
14) 1,2-Dichlorobenzene	7.01	146	270328	43.611	ng	96
15) Benzyl Alcohol	6.98	79	232351	40.031	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249900	34.548	ng	86
17) 2-Methylphenol	7.09	107	213279	40.985	ng	99
18) Hexachloroethane	7.35	117	113161	43.545	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	189850	40.324	ng	92
20) 3+4-Methylphenols	7.25	107	266710	44.081	ng	# 72
22) Acetophenone	7.25	105	386848	44.320	ng	97
24) Nitrobenzene	7.42	77	292522	45.289	ng	99
25) Isophorone	7.66	82	519644	40.380	ng	100
26) 2-Nitrophenol	7.73	139	129737	54.027	ng	97
27) 2,4-Dimethylphenol	7.77	122	193436	39.886	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	321731	40.911	ng	99
29) 2,4-Dichlorophenol	7.97	162	208147	44.660	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	220083	43.536	ng	97
31) Naphthalene	8.14	128	735289	42.651	ng	99
32) Benzoic acid	7.90	122	99920	36.489	ng	96
33) 4-Chloroaniline	8.19	127	328353	41.842	ng	99
34) Hexachlorobutadiene	8.26	225	126334	45.834	ng	99
35) Caprolactam	8.56	113	68494	39.269	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	238615	44.545	ng	99
37) 2-Methylnaphthalene	8.83	142	497355	43.360	ng	98
38) 1-Methylnaphthalene	8.93	142	464986	42.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	200103	45.595	ng	98

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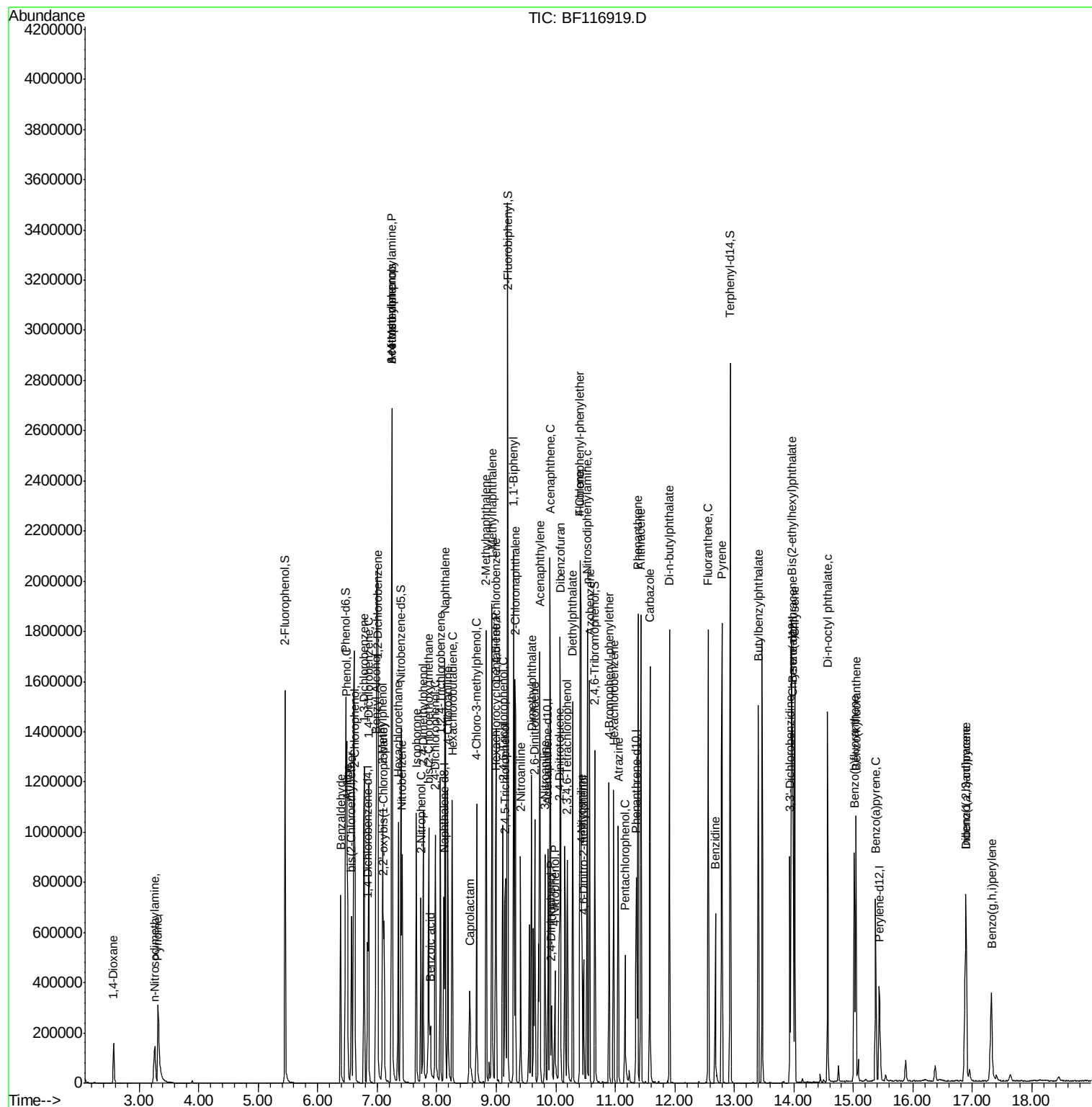
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	90743	35.805	ng	93
43) 2,4,6-Trichlorophenol	9.11	196	141452	47.018	ng	96
44) 2,4,5-Trichlorophenol	9.15	196	145483	46.580	ng	95
46) 1,1'-Biphenyl	9.29	154	605139	43.560	ng	99
47) 2-Chloronaphthalene	9.32	162	484532	44.036	ng	98
48) 2-Nitroaniline	9.41	65	157246	49.432	ng	95
49) Acenaphthylene	9.73	152	714668	42.967	ng	99
50) Dimethylphthalate	9.59	163	554588	43.877	ng	99
51) 2,6-Dinitrotoluene	9.65	165	117073	48.546	ng	99
52) Acenaphthene	9.90	154	426554	41.738	ng	99
53) 3-Nitroaniline	9.82	138	144191	47.711	ng	89
54) 2,4-Dinitrophenol	9.93	184	42989	53.602	ng	94
55) Dibenzofuran	10.07	168	635997	44.145	ng	96
56) 4-Nitrophenol	9.99	139	93681	45.208	ng	85
57) 2,4-Dinitrotoluene	10.06	165	158217	53.655	ng	97
58) Fluorene	10.42	166	503991	45.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	115745	51.348	ng	96
60) Diethylphthalate	10.29	149	547141	43.214	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	223744	46.545	ng	99
62) 4-Nitroaniline	10.43	138	144591	49.299	ng	97
63) Azobenzene	10.57	77	560213	42.434	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58932	52.827	ng	87
66) n-Nitrosodiphenylamine	10.53	169	437353	42.439	ng	96
67) 4-Bromophenyl-phenylether	10.90	248	130703	43.190	ng	97
68) Hexachlorobenzene	10.97	284	142643	45.051	ng	96
69) Atrazine	11.05	200	120481	41.743	ng	98
70) Pentachlorophenol	11.16	266	69811	45.578	ng	97
71) Phenanthrene	11.38	178	715241	43.131	ng	99
72) Anthracene	11.43	178	725603	43.467	ng	100
73) Carbazole	11.58	167	678521	42.671	ng	98
74) Di-n-butylphthalate	11.91	149	855491	41.967	ng	99
75) Fluoranthene	12.56	202	717546	44.029	ng	99
77) Benzidine	12.68	184	271833	35.212	ng	99
78) Pyrene	12.79	202	709352	40.543	ng	99
80) Butylbenzylphthalate	13.40	149	340979	40.076	ng	95
81) Benzo(a)anthracene	13.97	228	545478	43.790	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	175011	41.573	ng	99
83) Chrysene	14.02	228	529672	41.272	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	440329	41.925	ng	98
85) Di-n-octyl phthalate	14.57	149	688424	40.053	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	397775	38.588	ng	97
88) Benzo(b)fluoranthene	15.02	252	420464	40.518	ng	99
89) Benzo(k)fluoranthene	15.04	252	428319	45.269	ng	99
90) Benzo(a)pyrene	15.38	252	379064	41.986	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	325498	41.189	ng	99
92) Benzo(g,h,i)perylene	17.32	276	319349	39.624	ng	99

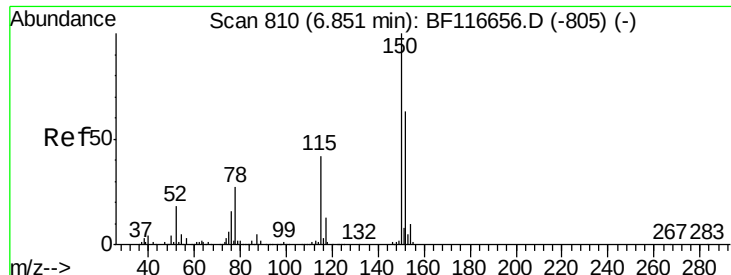
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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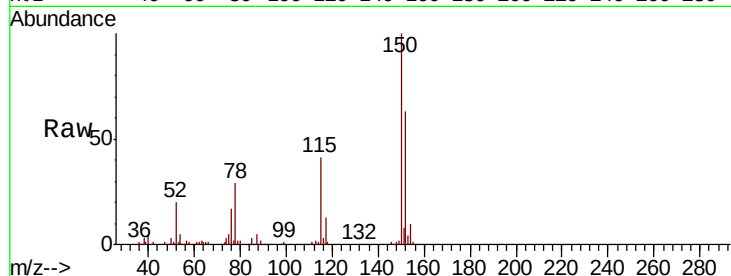


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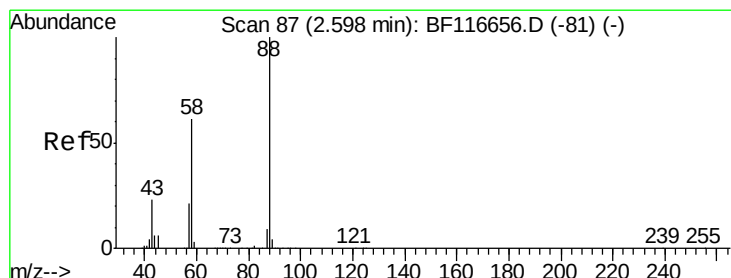
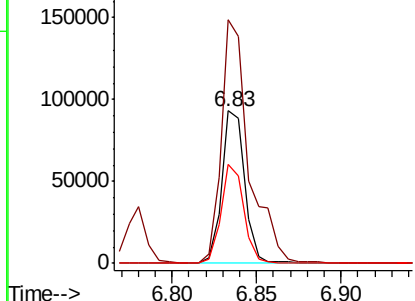
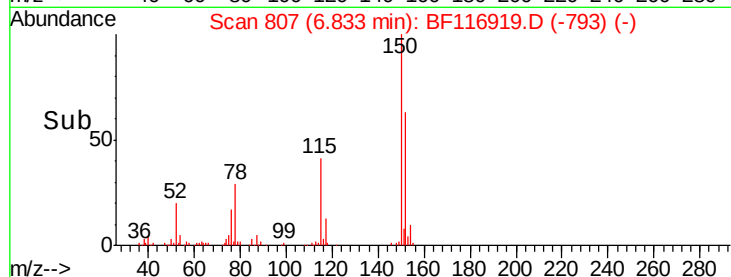
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88219
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 65.0 49.9 74.9



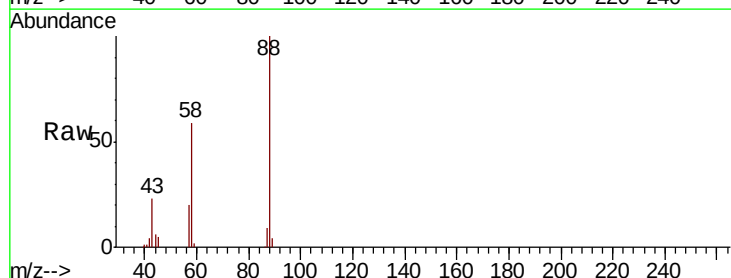
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



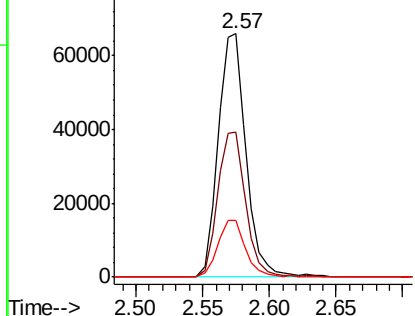
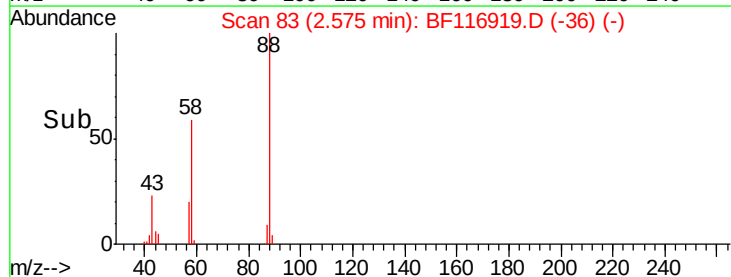
#2

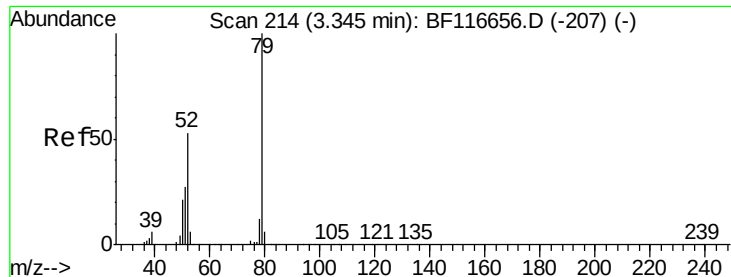
1,4-Dioxane
Concen: 38.568 ng
RT: 2.57 min Scan# 83
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion: 88 Resp: 96951
Ion Ratio Lower Upper
88 100
58 59.6 51.7 77.5
43 23.2 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: 37.473 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.03 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

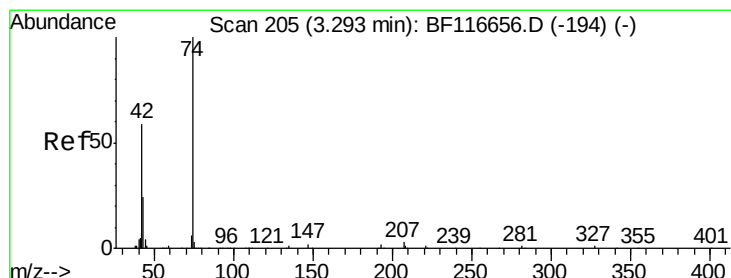
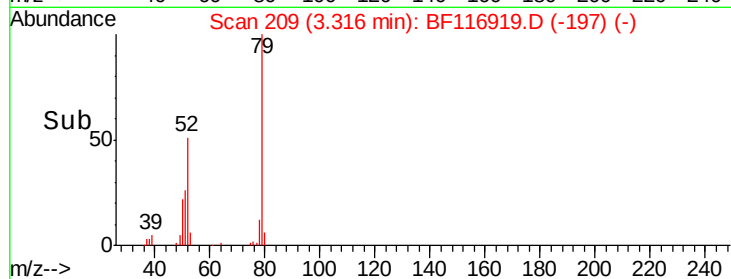
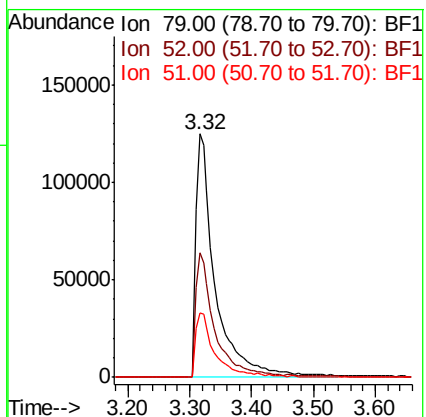
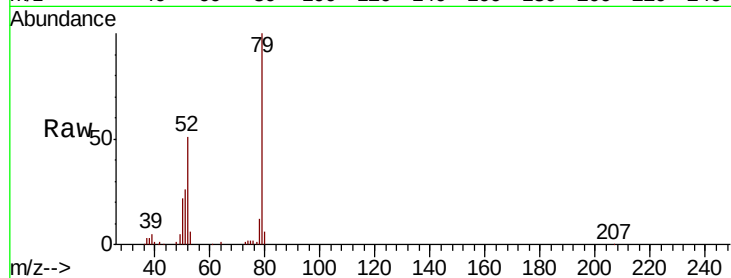
Tot Ion: 79 Resp: 272737

Ion Ratio Lower Upper

79 100

52 51.1 47.4 71.0

51 26.5 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 35.864 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.03 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

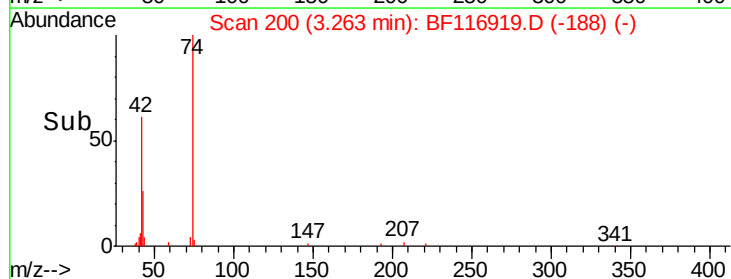
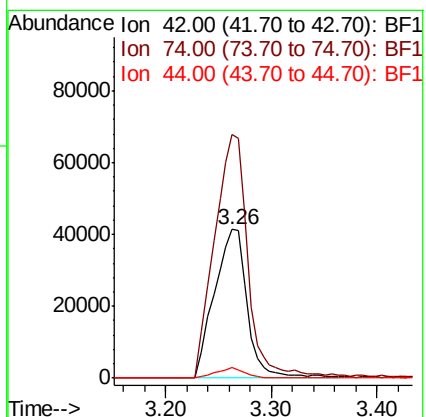
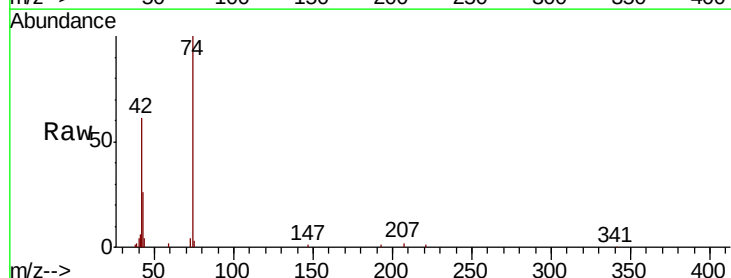
Tgt Ion: 42 Resp: 89635

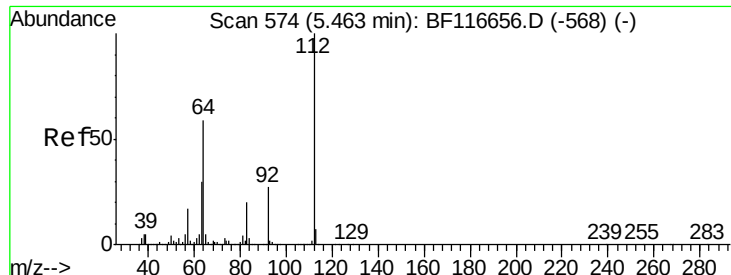
Ion Ratio Lower Upper

42 100

74 164.0 115.6 173.4

44 7.0 4.6 7.0#





#5

2-Fluorophenol

Concen: 85.901 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampled :

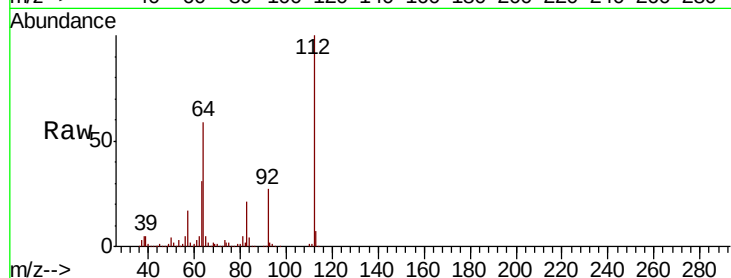
Tot Ion:112 Resp: 467767

Ion Ratio Lower Upper

112 100

64 58.8 47.1 70.7

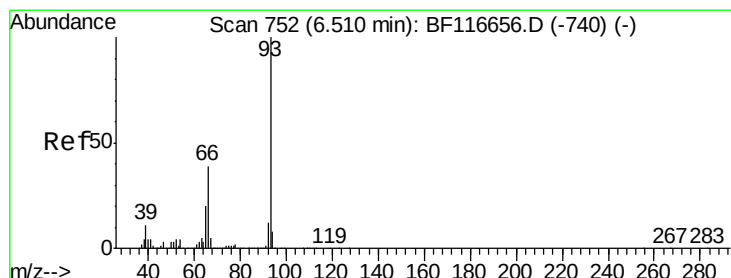
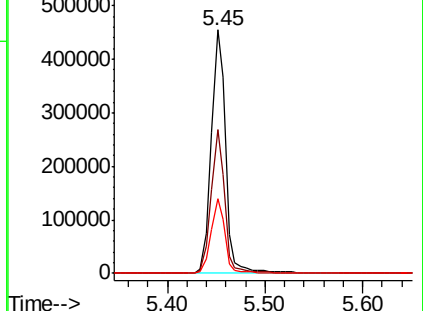
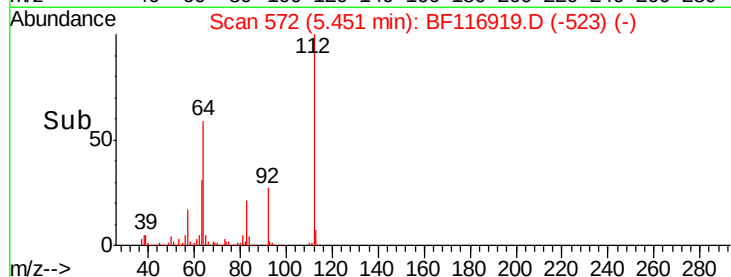
63 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.018 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

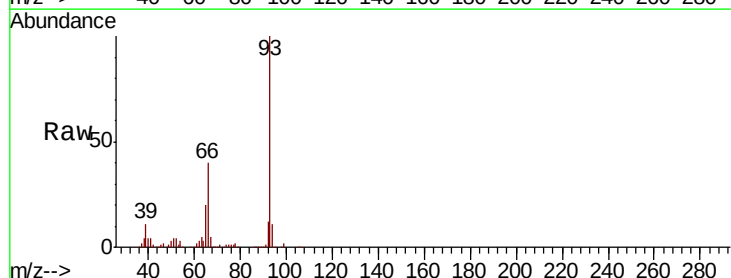
Tgt Ion: 93 Resp: 396326

Ion Ratio Lower Upper

93 100

66 39.7 32.7 49.1

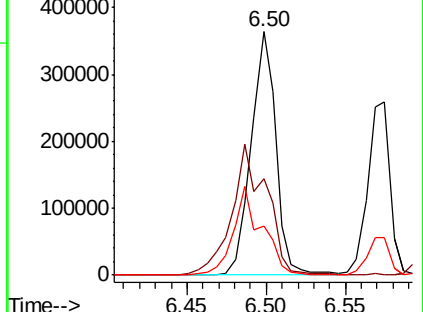
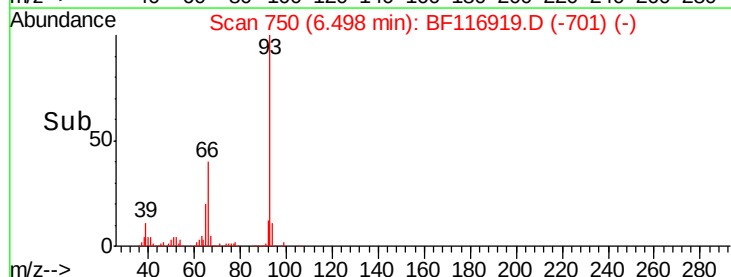
65 20.3 16.3 24.5

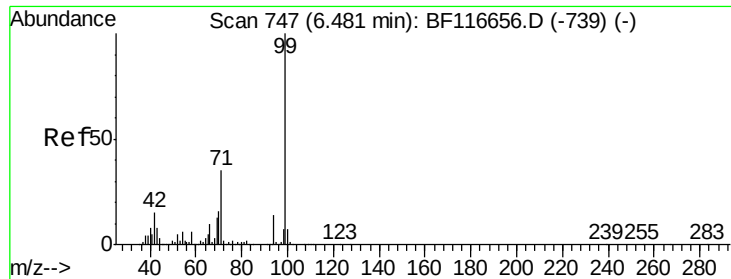


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.297 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

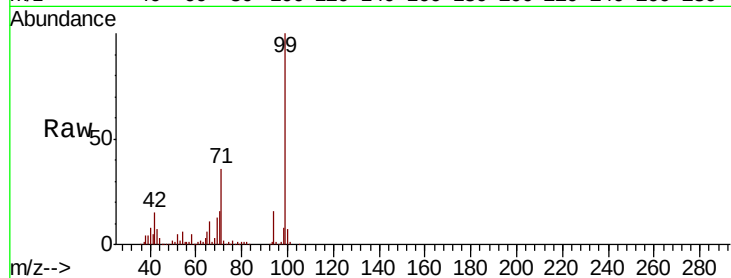
Tot Ion: 99 Resp: 602758

Ion Ratio Lower Upper

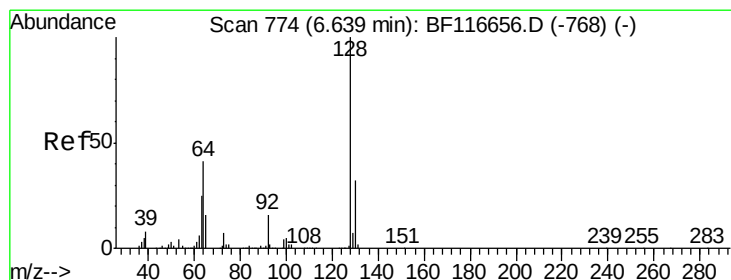
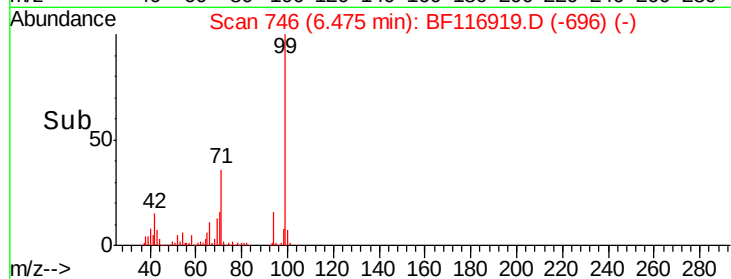
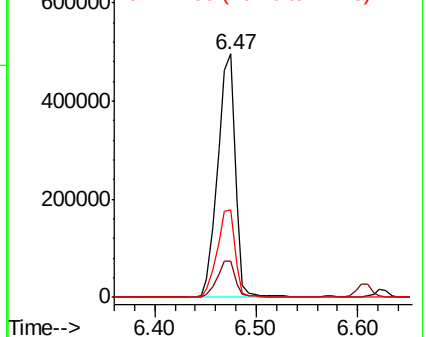
99 100

42 14.9 13.7 20.5

71 35.8 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.272 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

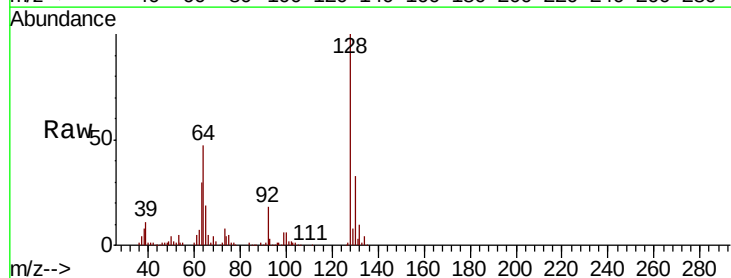
Tgt Ion: 128 Resp: 251285

Ion Ratio Lower Upper

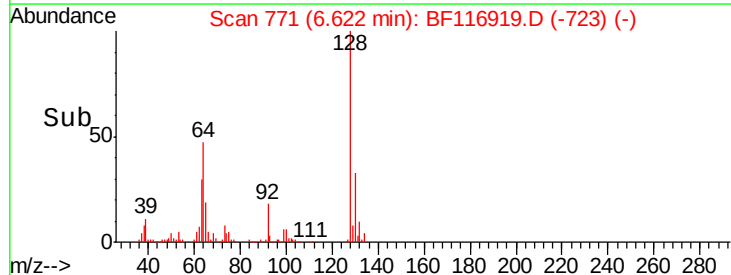
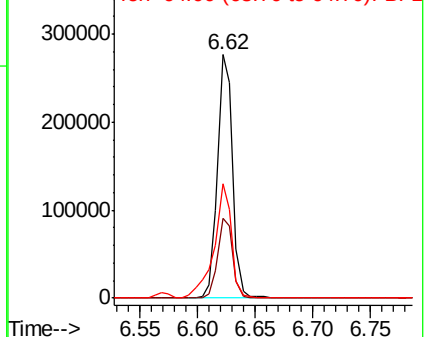
128 100

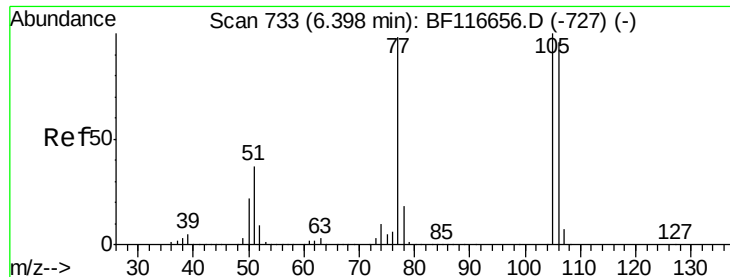
130 32.7 12.3 52.3

64 47.2 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: 37.432 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

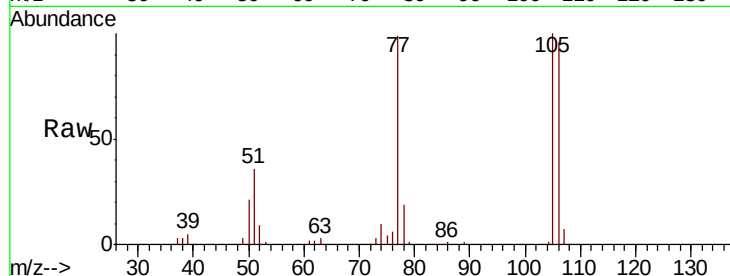
Tot Ion: 77 Resp: 176333

Ion Ratio Lower Upper

77 100

105 101.3 76.7 116.7

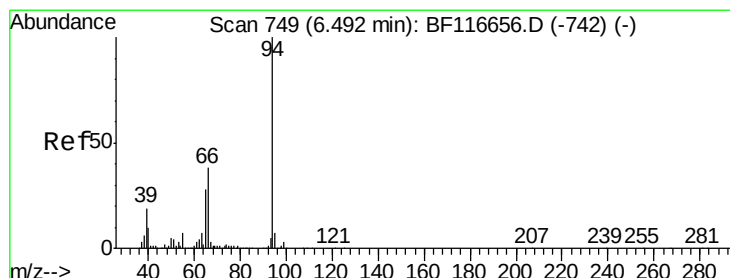
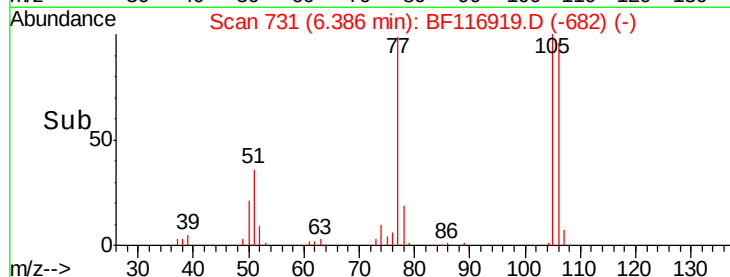
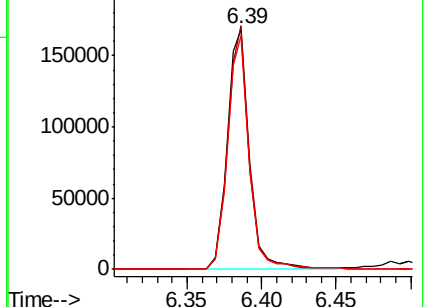
106 96.9 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.174 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

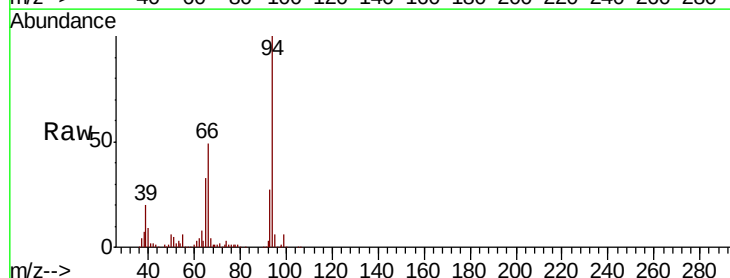
Tgt Ion: 94 Resp: 333929

Ion Ratio Lower Upper

94 100

65 32.9 10.8 50.8

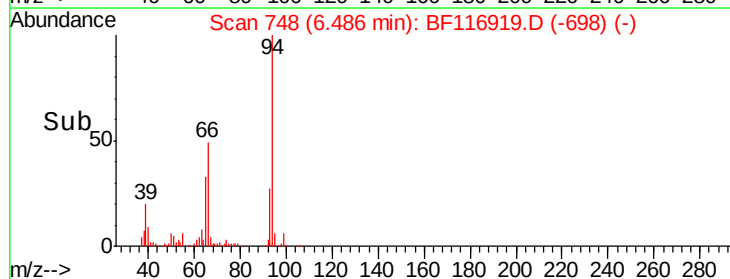
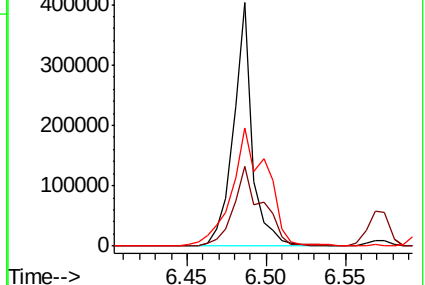
66 48.6 21.1 61.1

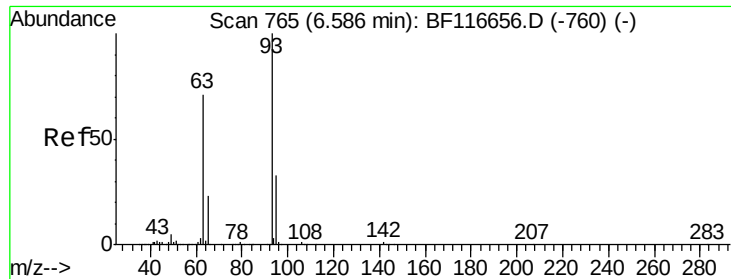


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

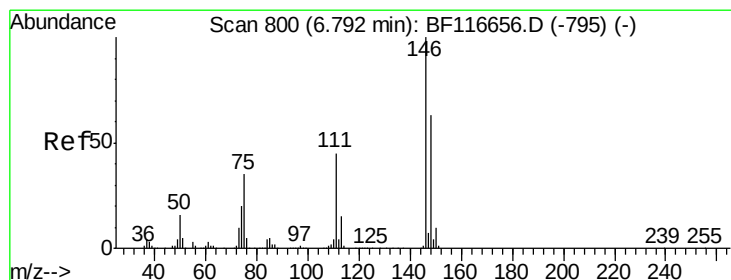
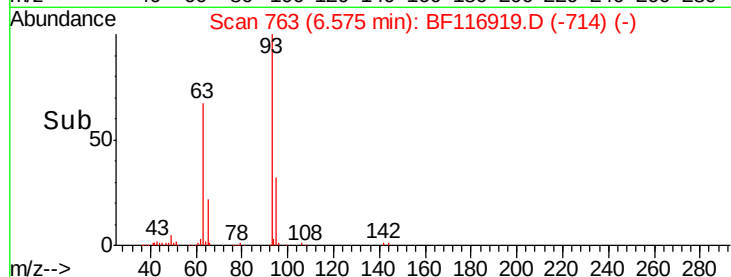
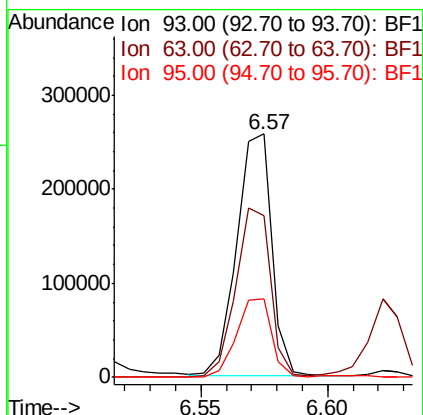
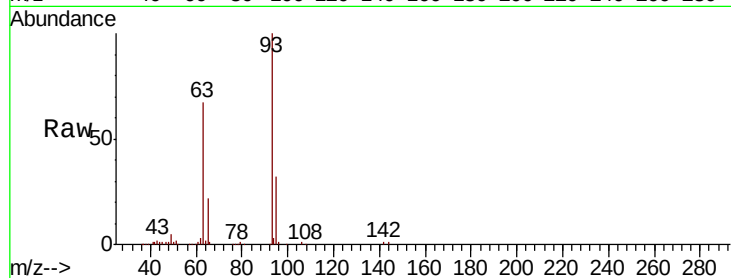




#11
bis(2-Chloroethyl)ether
Concen: 39.990 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

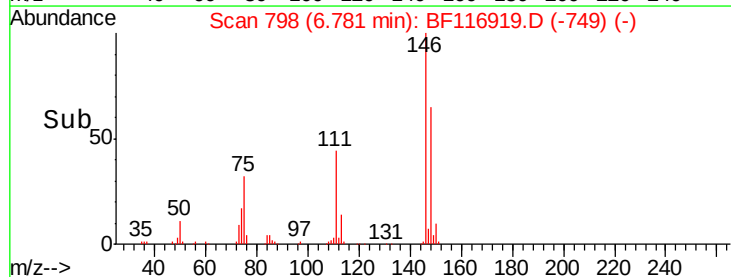
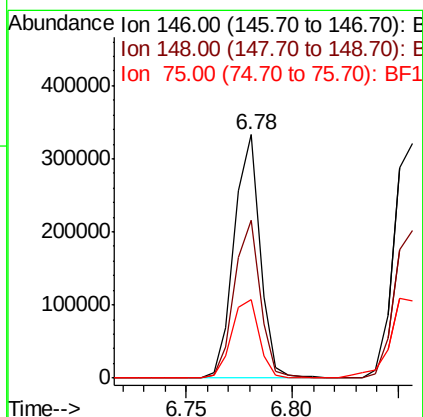
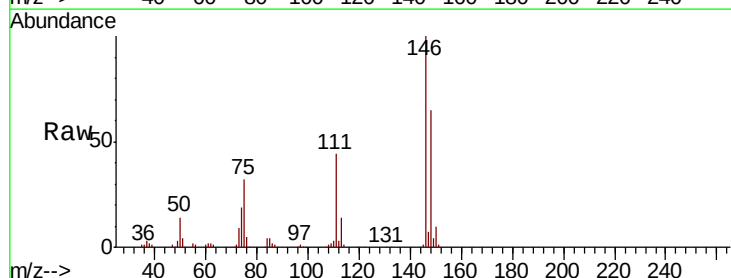
Instrument :
BNA_F
ClientSampleId :

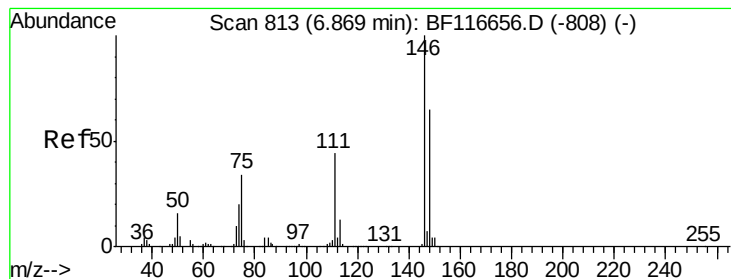
Tot Ion:	93	Resp:	246544
Ion	Ratio	Lower	Upper
93	100		
63	66.5	49.9	89.9
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.230 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	146	Resp:	283720
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	32.4	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 43.239 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampled :

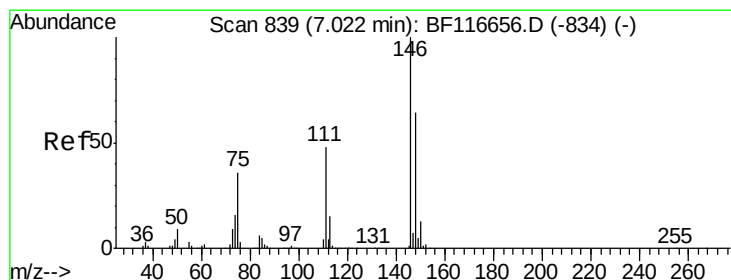
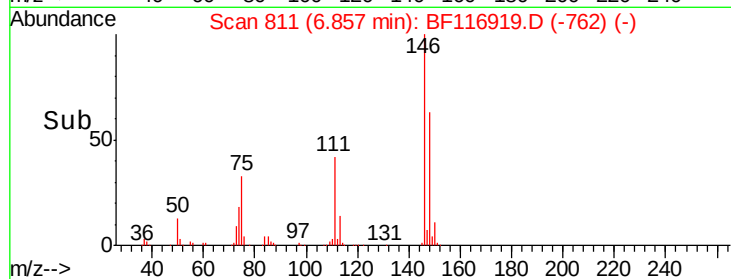
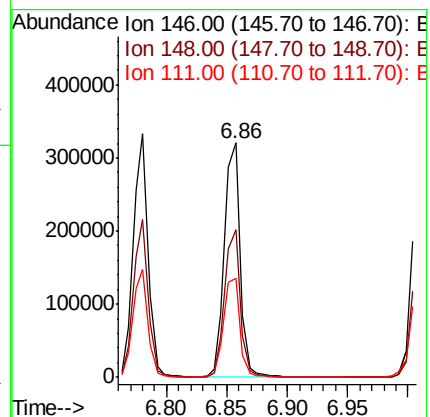
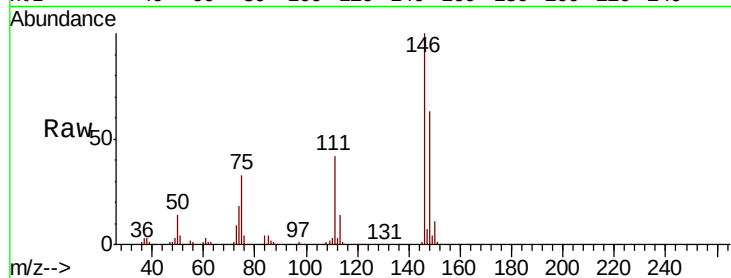
Tot Ion:146 Resp: 289214

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

111 42.4 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 43.611 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

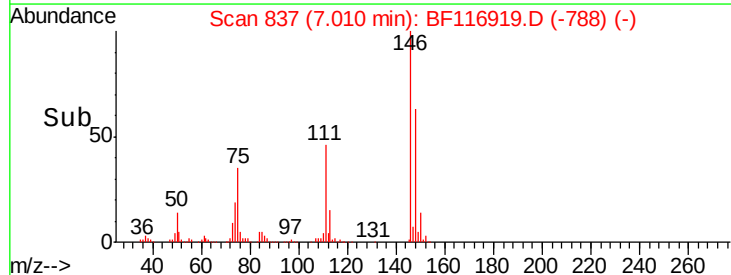
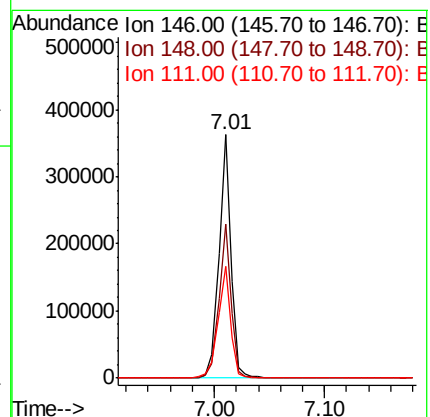
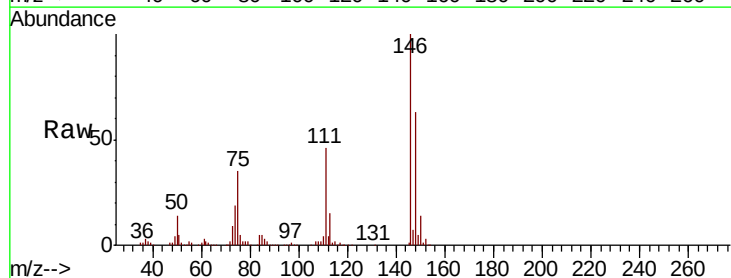
Tgt Ion:146 Resp: 270328

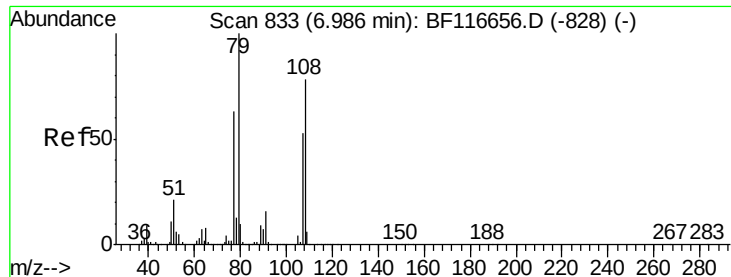
Ion Ratio Lower Upper

146 100

148 63.4 52.6 78.8

111 45.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 40.031 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

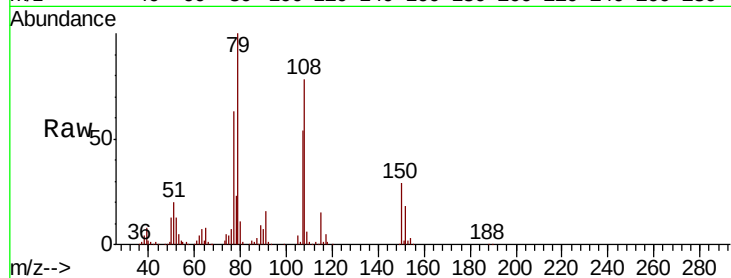
Tot Ion: 79 Resp: 232351

Ion Ratio Lower Upper

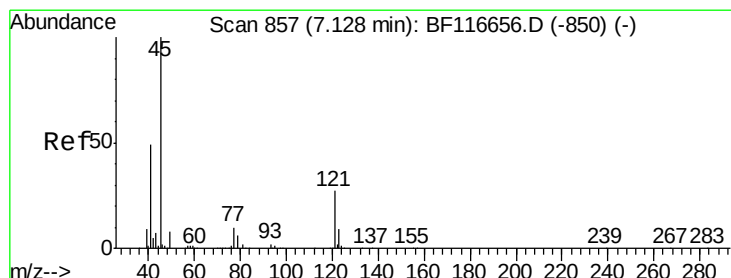
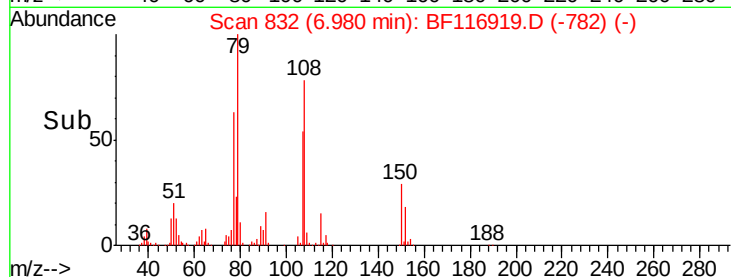
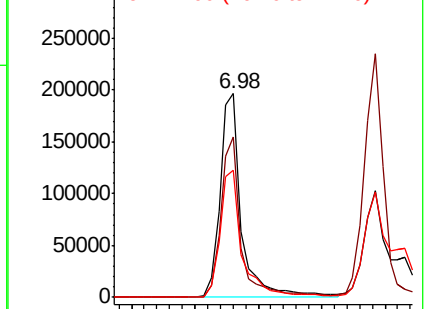
79 100

108 78.5 59.2 88.8

77 62.6 53.0 79.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.548 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

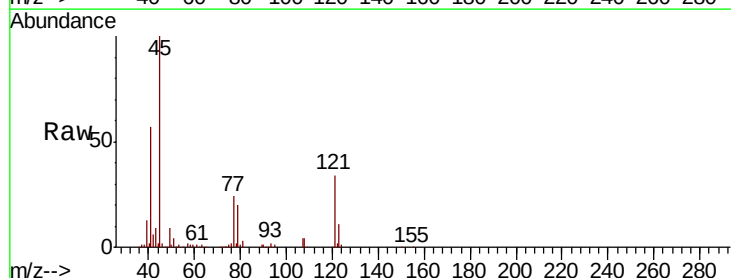
Tgt Ion: 45 Resp: 249900

Ion Ratio Lower Upper

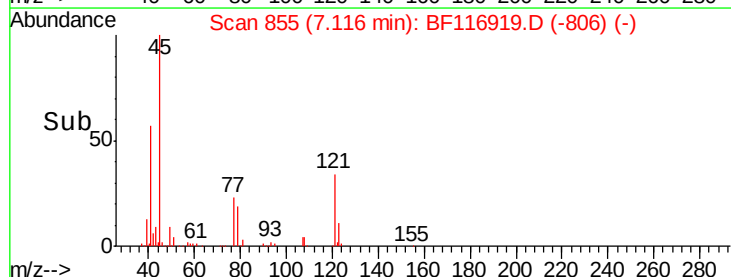
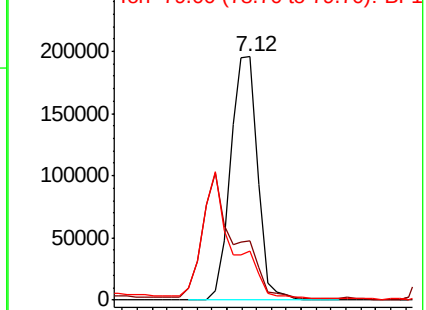
45 100

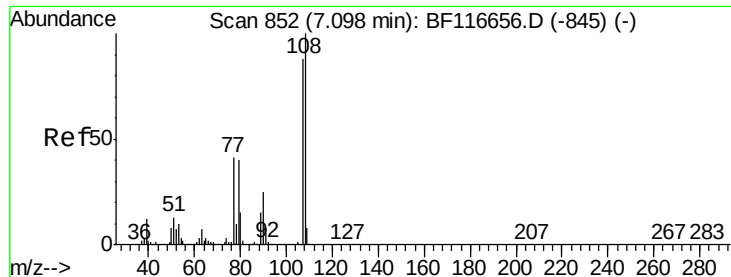
77 24.3 0.0 38.2

79 20.0 0.0 33.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

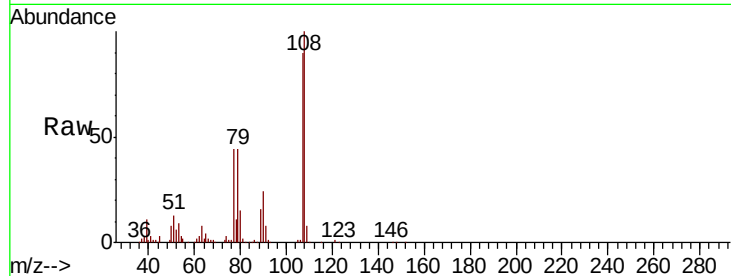




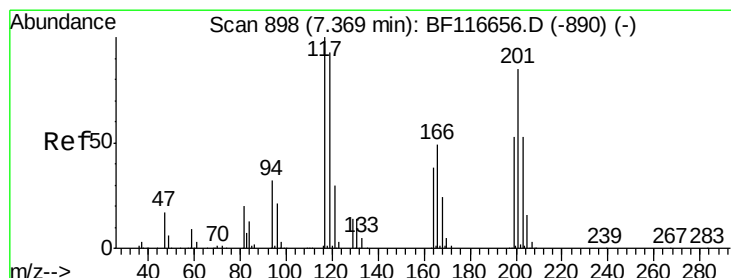
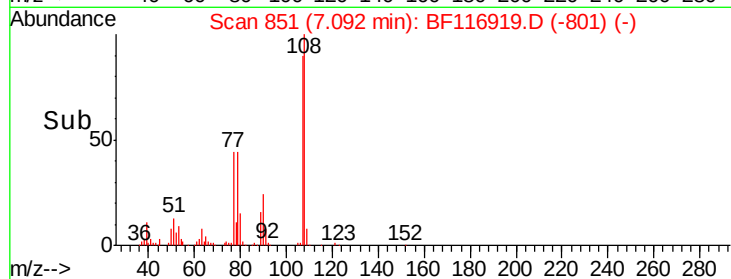
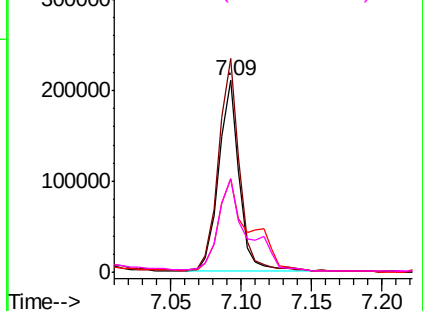
#17
2-Methylphenol
Concen: 40.985 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	213279
Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.3	132.5
77	48.5	39.9	59.9
79	48.8	39.8	59.8

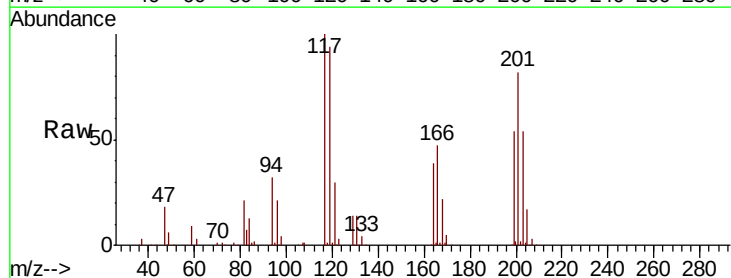


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

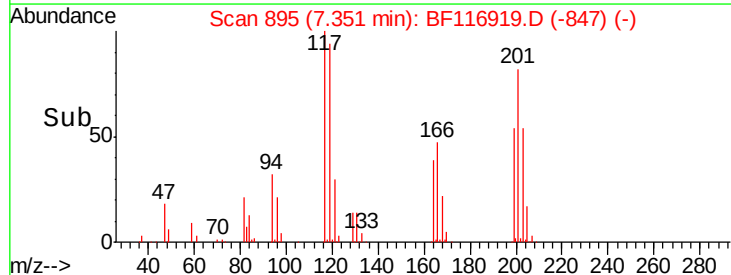
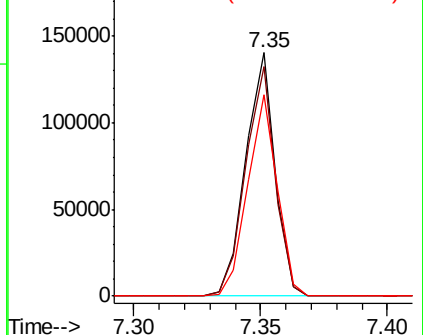


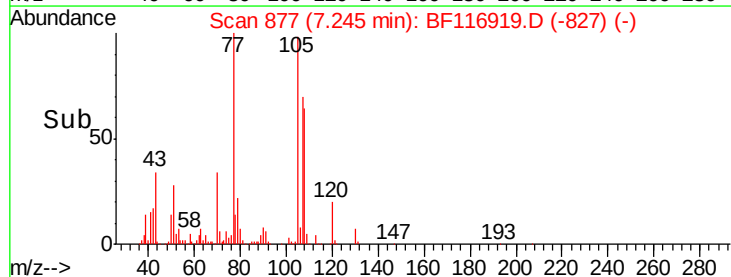
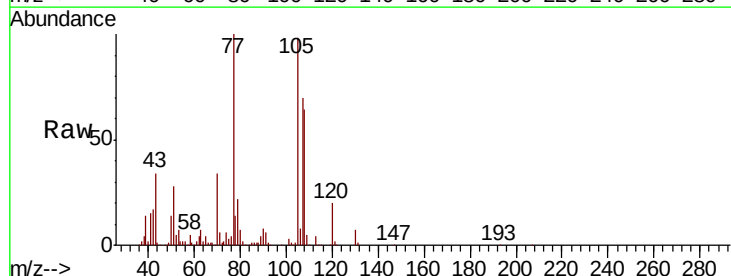
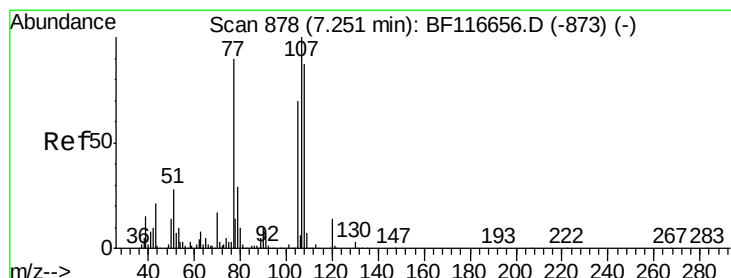
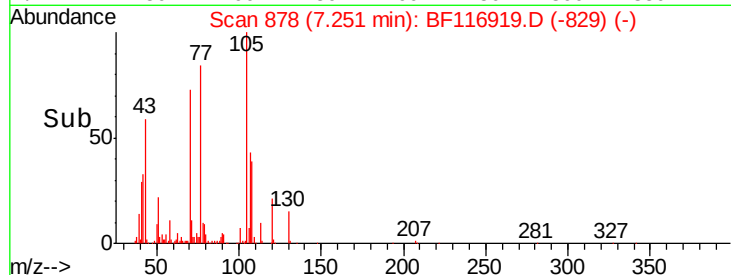
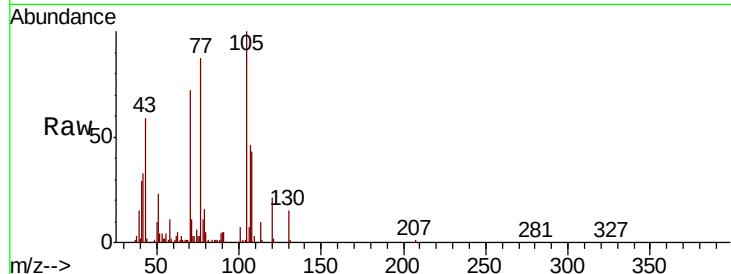
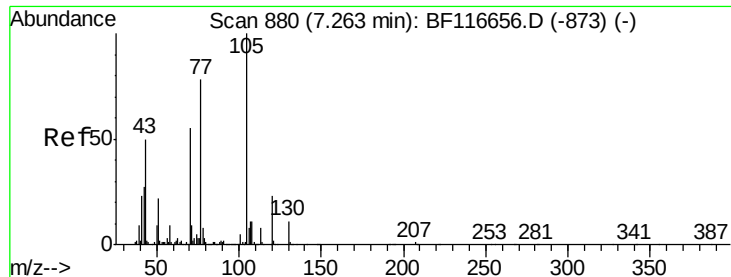
#18
Hexachloroethane
Concen: 43.545 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	117	Resp:	113161
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	82.5	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

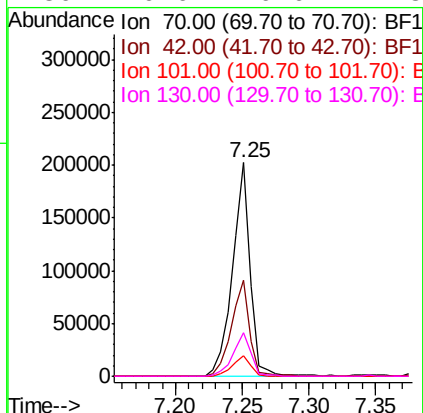




#19
n-Nitroso-di-n-propylamine
Concen: 40.324 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

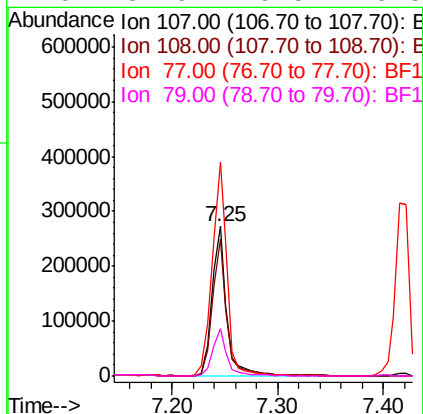
Instrument :
BNA_F
ClientSampleId :

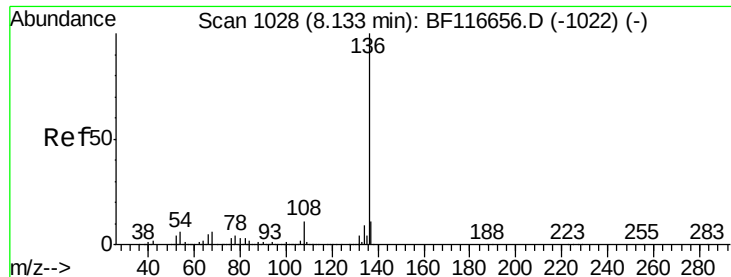
Tot Ion:	70	Resp:	189850
Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.5	65.3
101	9.5	7.8	11.6
130	20.6	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.081 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	107	Resp:	266710
Ion	Ratio	Lower	Upper
107	100		
108	91.8	65.5	105.5
77	142.8	69.4	109.4#
79	31.9	9.5	49.5

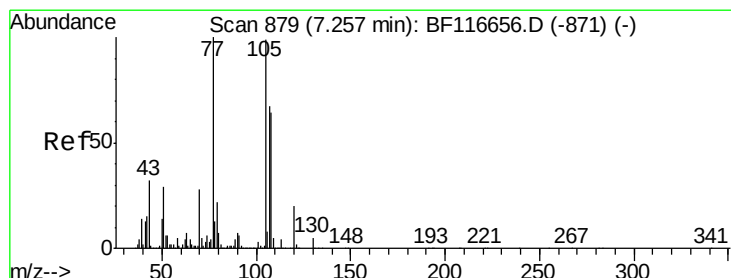
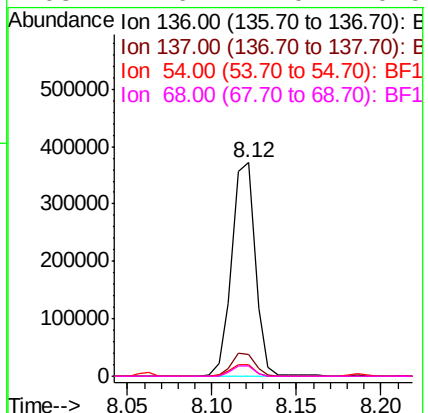
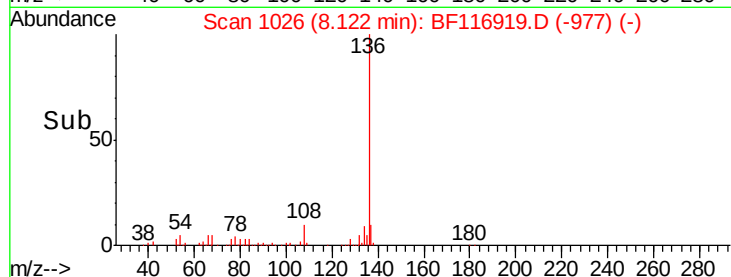
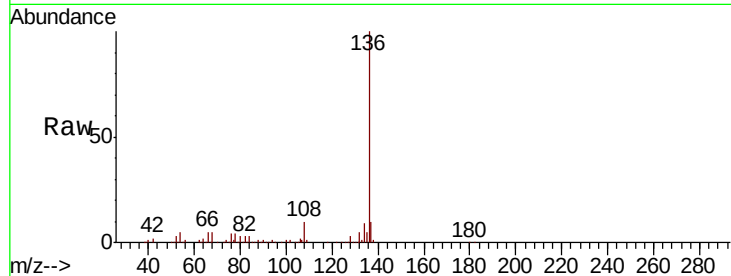




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

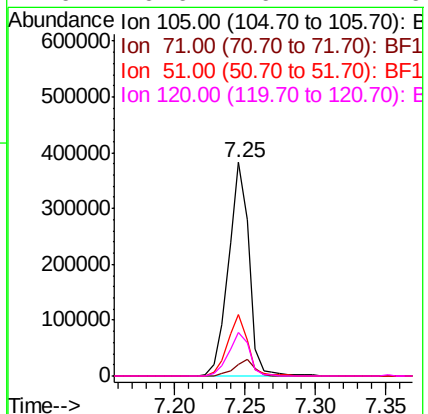
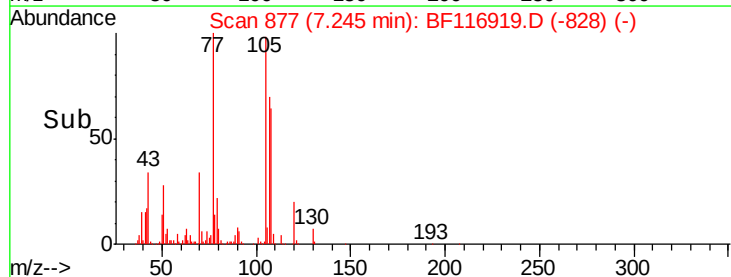
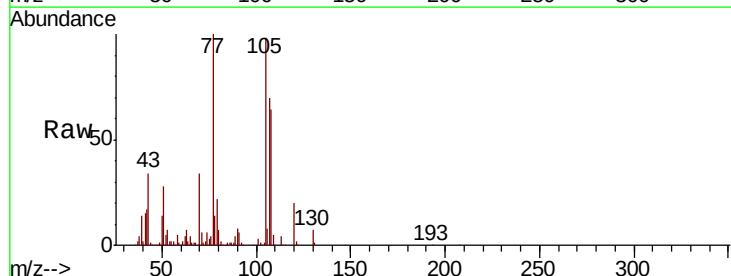
Instrument :
BNA_F
ClientSampleId :

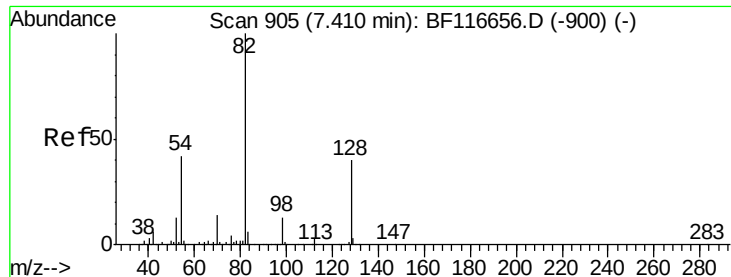
Tot Ion:136	Resp:	362550
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 5.1	4.8	7.2
68 4.6	4.0	6.0



#22
Acetophenone
Concen: 44.320 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt	Ion:105	Resp:	386848
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.2	6.4
51	29.0	25.8	38.8
120	20.6	16.4	24.6

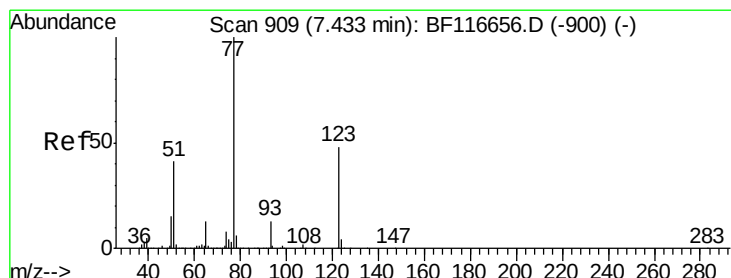
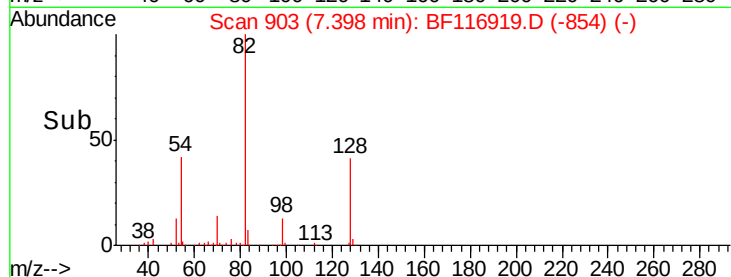
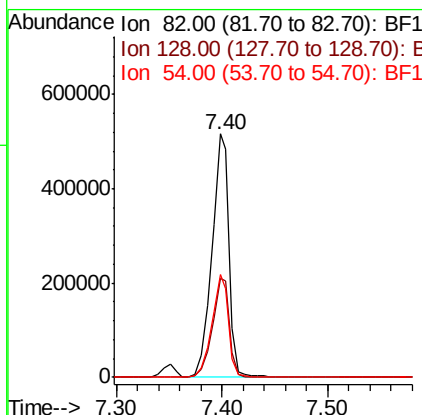
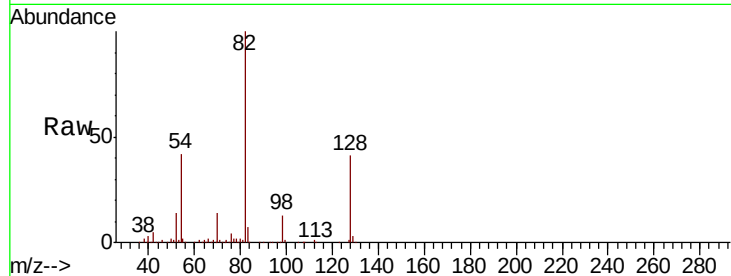




#23
 Nitrobenzene-d5
 Concen: 92.510 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

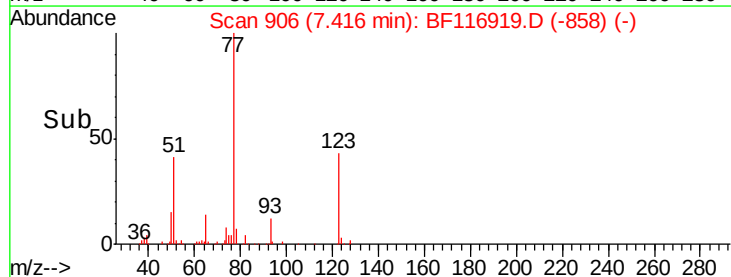
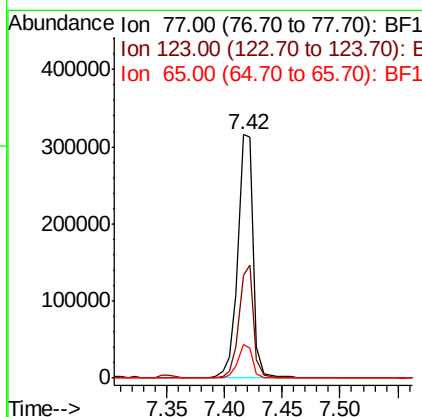
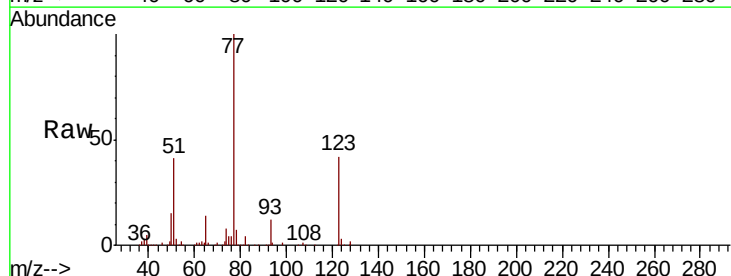
Instrument :
 BNA_F
 ClientSampleId :

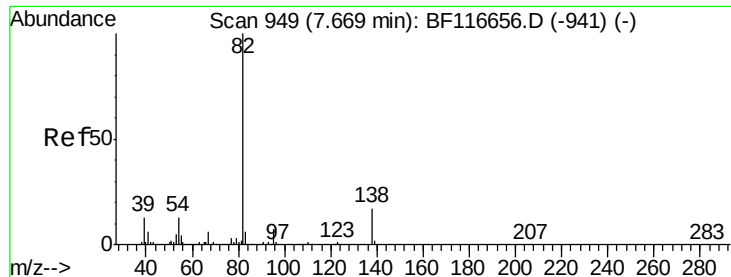
Tot Ion	82	Resp	587514
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.8	49.2
54	42.2	36.9	55.3



#24
 Nitrobenzene
 Concen: 45.289 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	77	Resp	292522
Ion Ratio	Lower	Upper	
77	100		
123	42.1	33.1	49.7
65	13.6	10.6	15.8





#25

Isophorone

Concen: 40.380 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

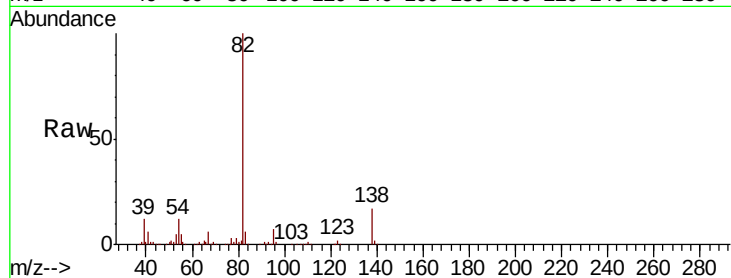
Tot Ion: 82 Resp: 519644

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

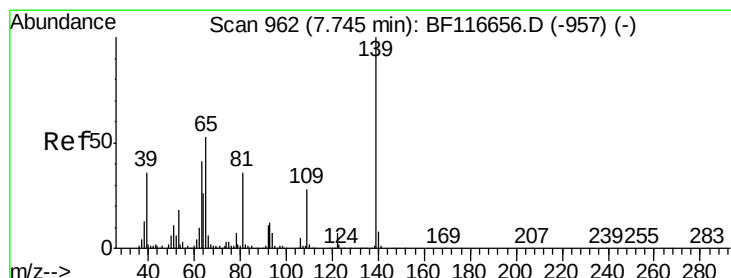
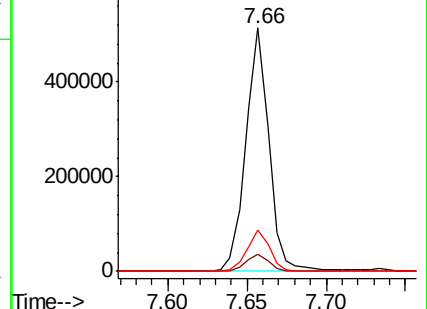
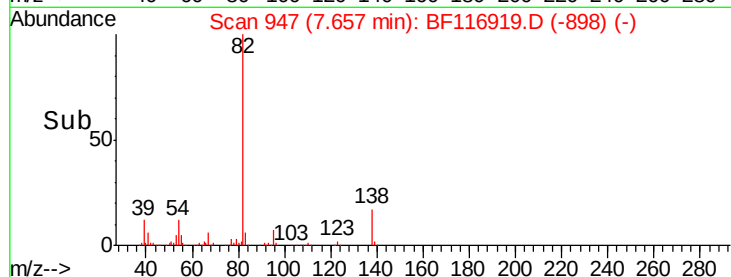
138 17.0 13.5 20.3



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: 54.027 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

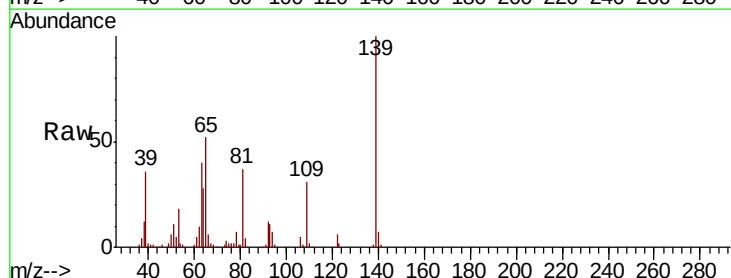
Tgt Ion: 139 Resp: 129737

Ion Ratio Lower Upper

139 100

109 31.1 27.1 40.7

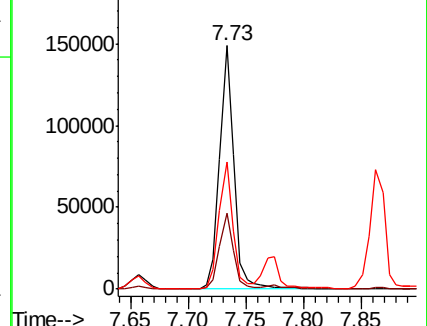
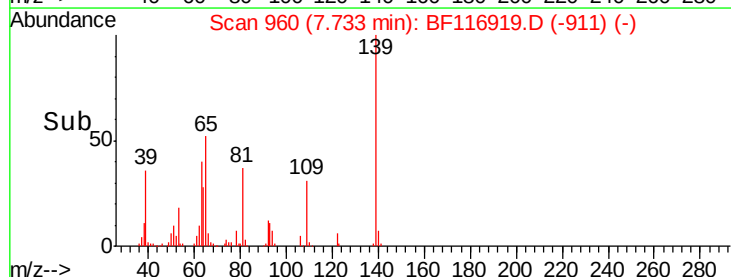
65 52.1 43.0 64.6

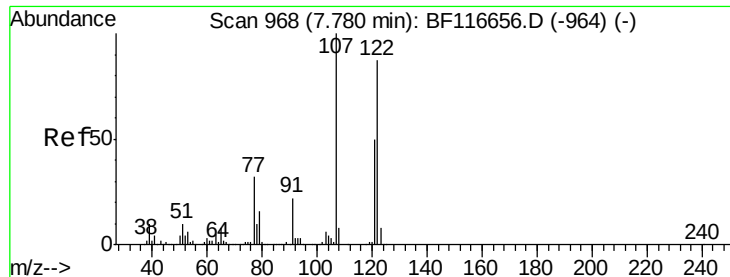


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.886 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

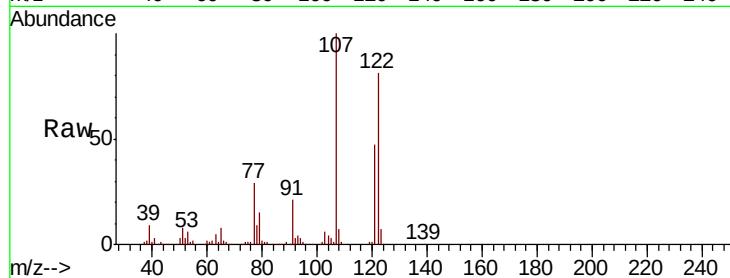
Tot Ion:122 Resp: 193436

Ion Ratio Lower Upper

122 100

107 123.5 98.1 147.1

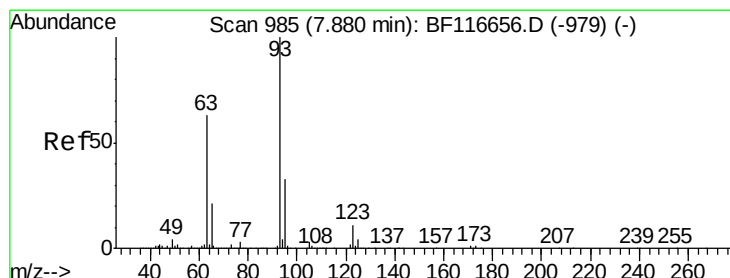
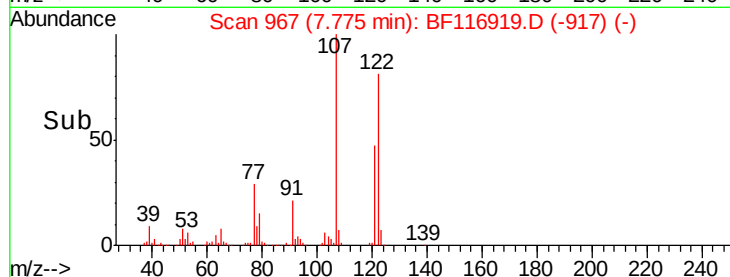
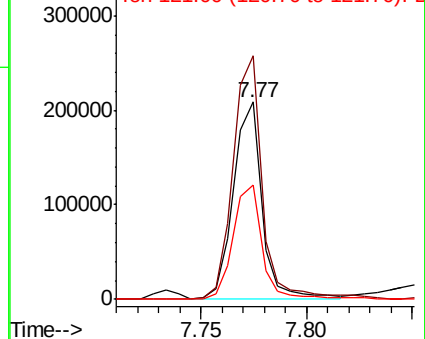
121 58.1 47.3 70.9



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: 40.911 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

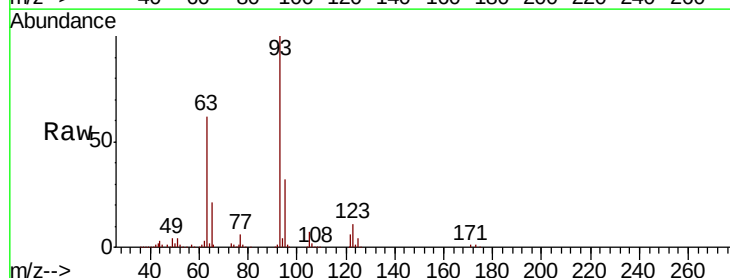
Tgt Ion: 93 Resp: 321731

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

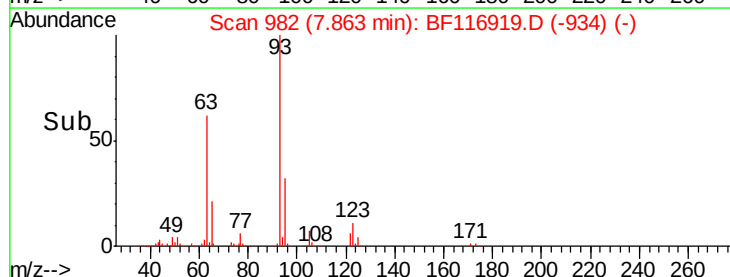
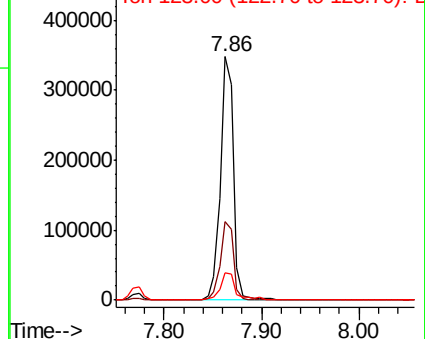
123 11.3 9.8 14.8

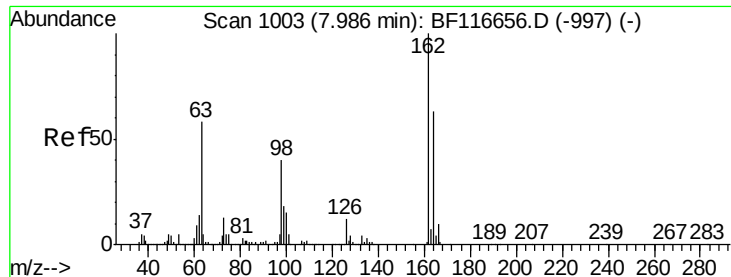


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

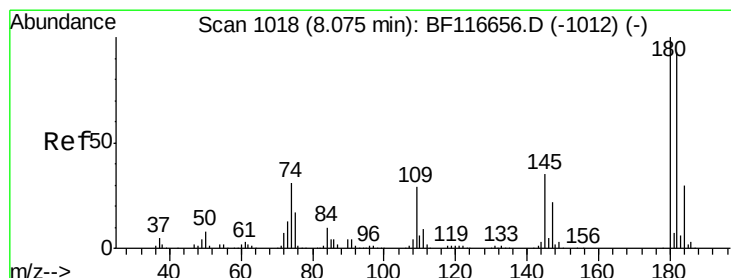
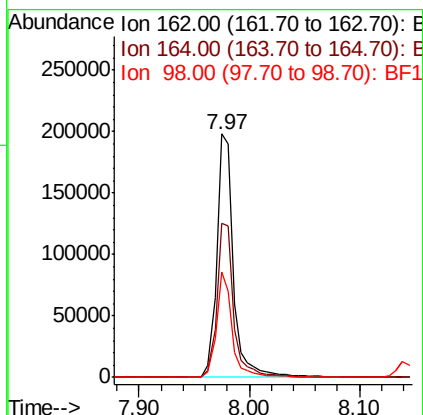
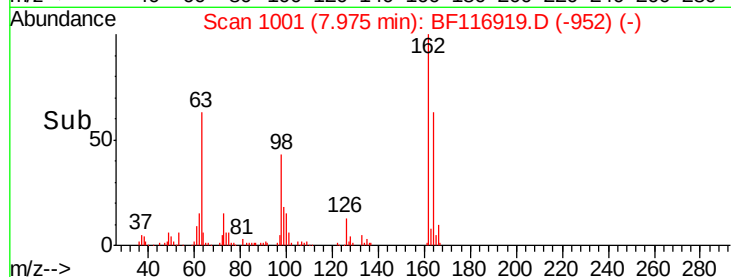
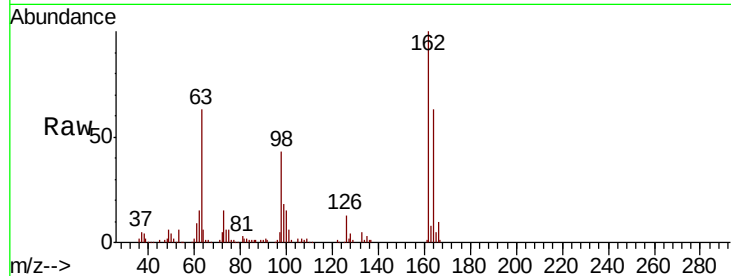




#29
 2,4-Dichlorophenol
 Concen: 44.660 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

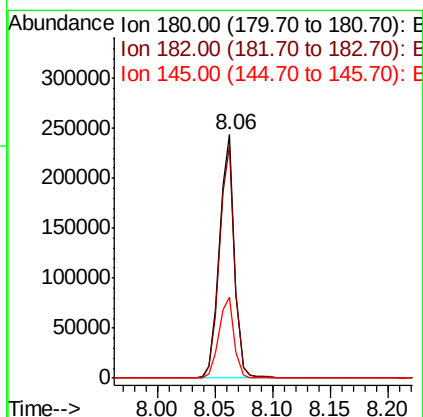
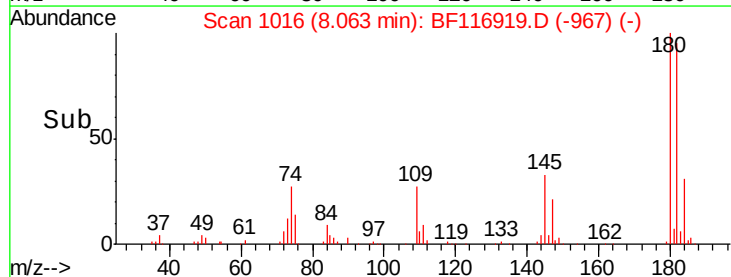
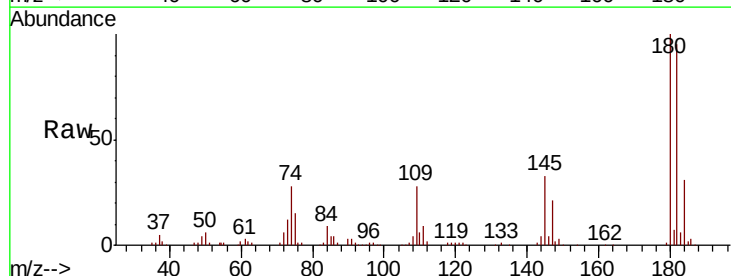
Instrument :
 BNA_F
 ClientSampled :

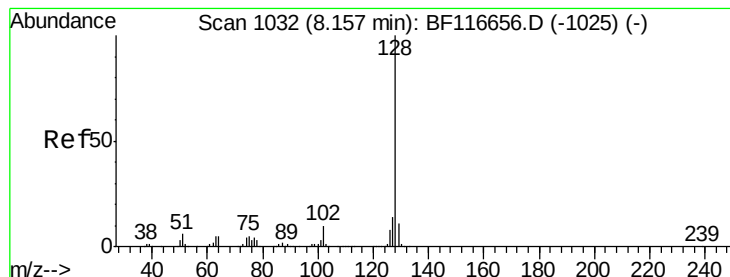
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.4	83.4
98	43.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.536 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.6	118.0
145	33.3	25.7	38.5





#31

Naphthalene

Concen: 42.651 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

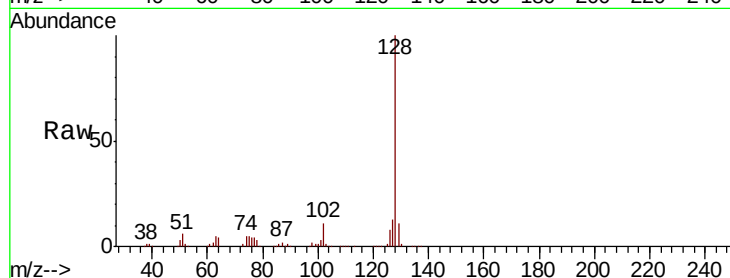
Tot Ion:128 Resp: 735289

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

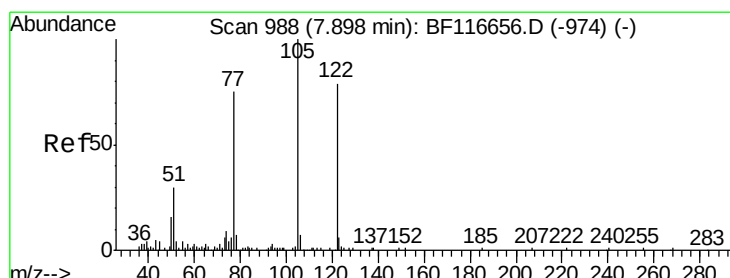
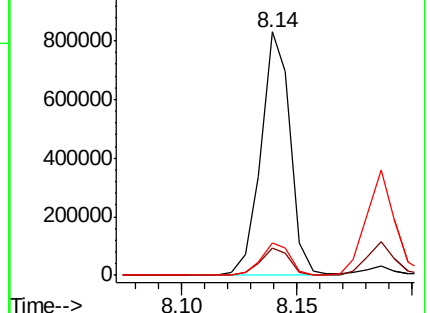
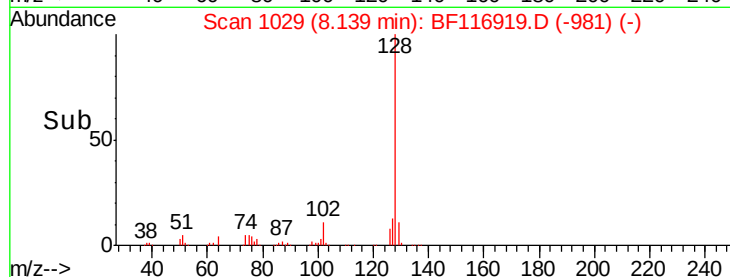
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.489 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

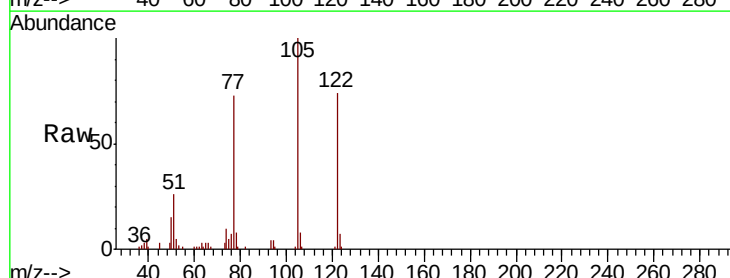
Tgt Ion:122 Resp: 99920

Ion Ratio Lower Upper

122 100

105 135.5 110.0 150.0

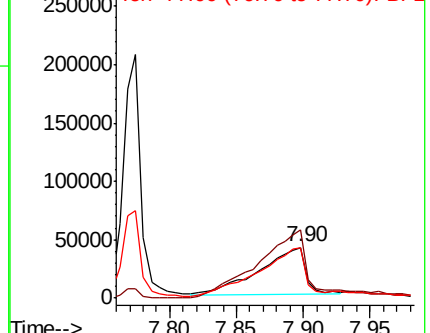
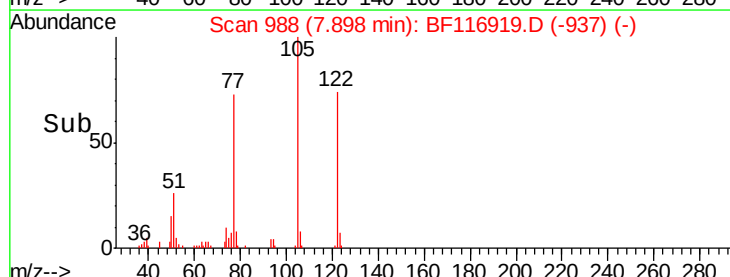
77 99.2 81.7 121.7

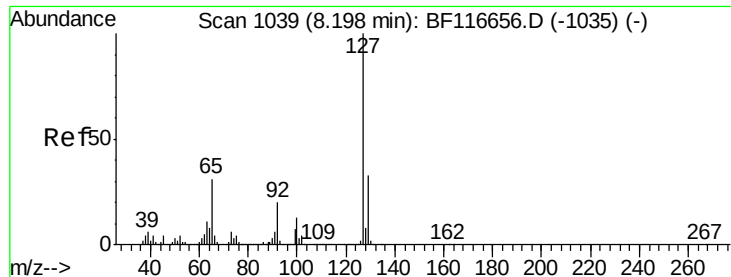


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

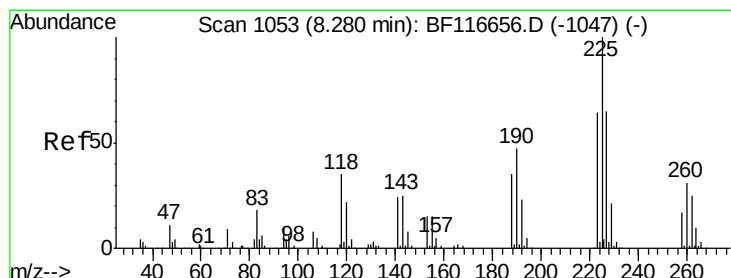
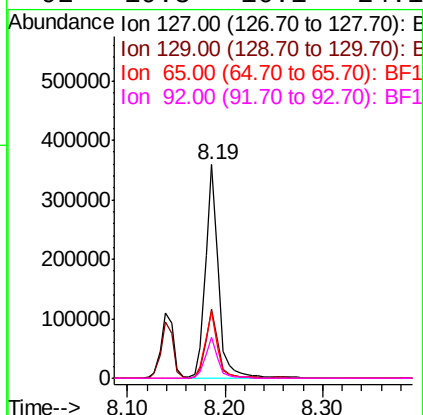
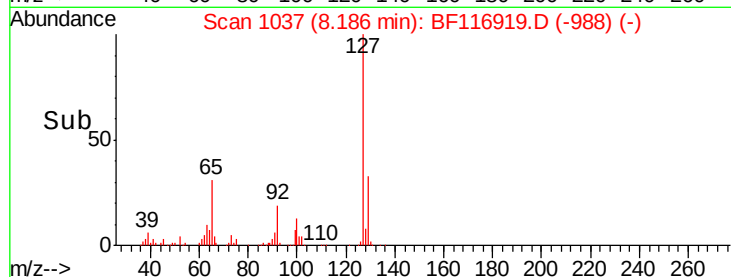
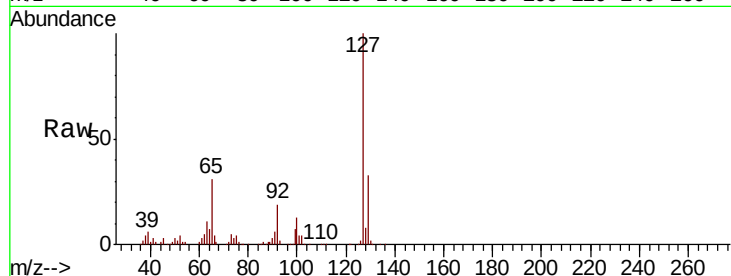




#33
4-Chloroaniline
Concen: 41.842 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

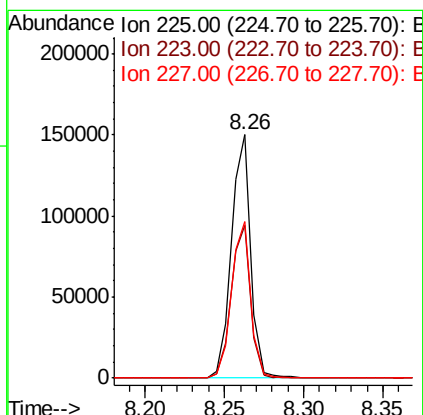
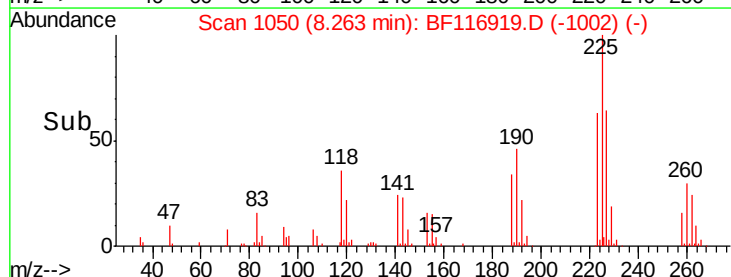
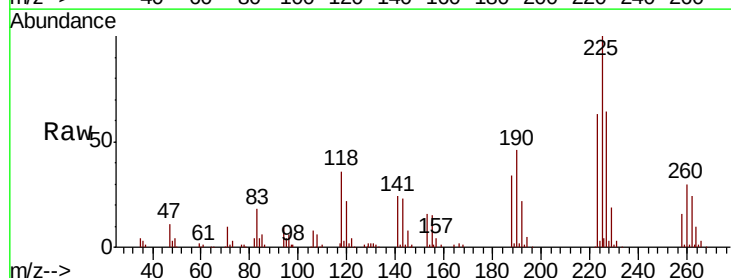
Instrument :
BNA_F
ClientSampleId :

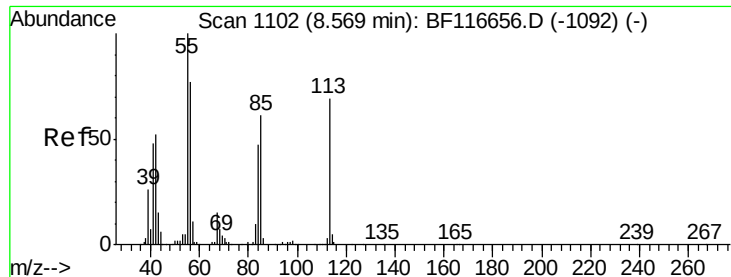
Tot Ion:	127	Resp:	328353
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	31.4	26.0	39.0
92	19.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.834 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	225	Resp:	126334
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.2	51.0	76.4





#35

Caprolactam

Concen: 39.269 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

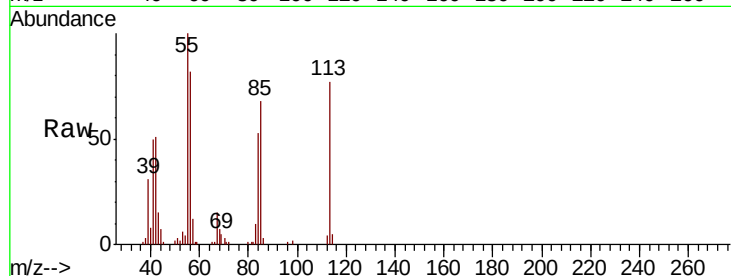
Tot Ion:113 Resp: 68494

Ion Ratio Lower Upper

113 100

55 130.5 124.3 164.3

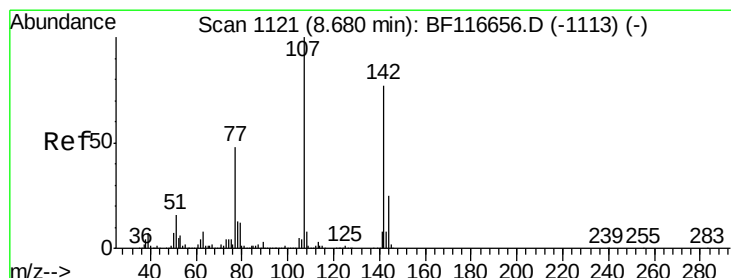
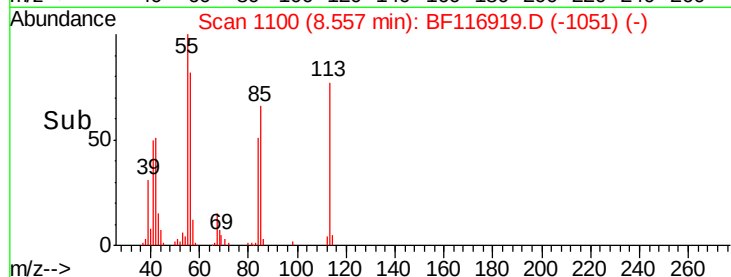
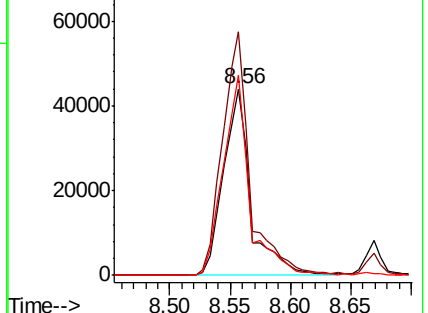
56 107.2 94.6 134.6



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: 44.545 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

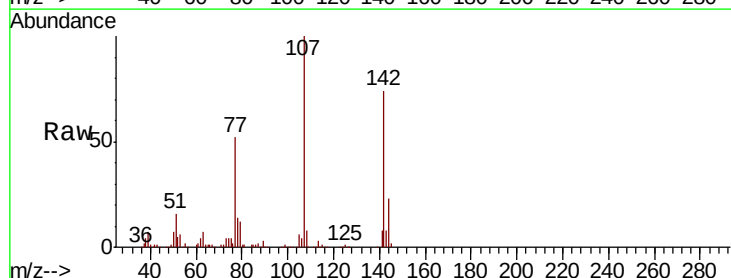
Tgt Ion:107 Resp: 238615

Ion Ratio Lower Upper

107 100

144 22.6 18.6 27.8

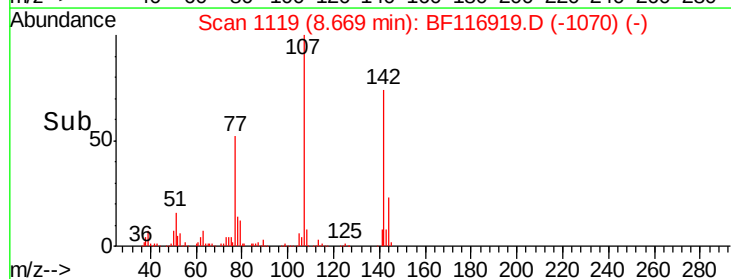
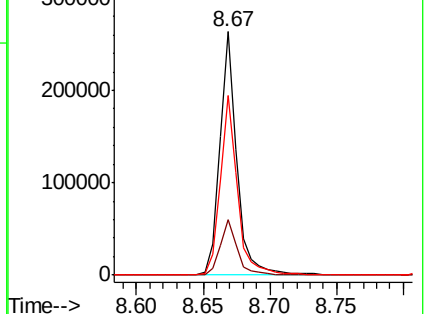
142 73.9 58.5 87.7

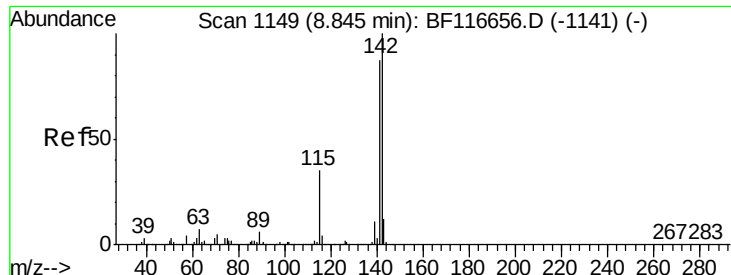


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

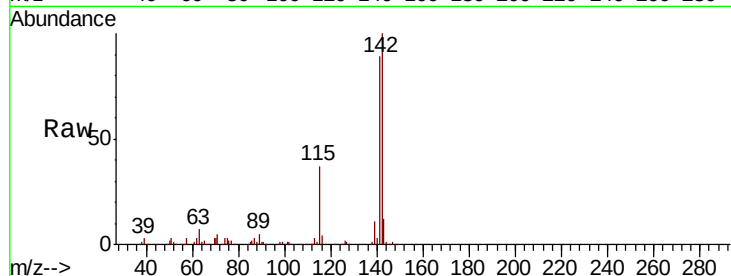




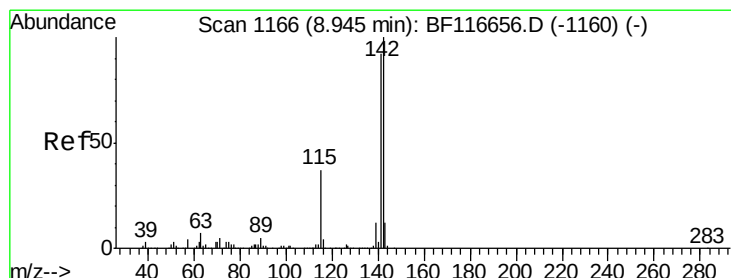
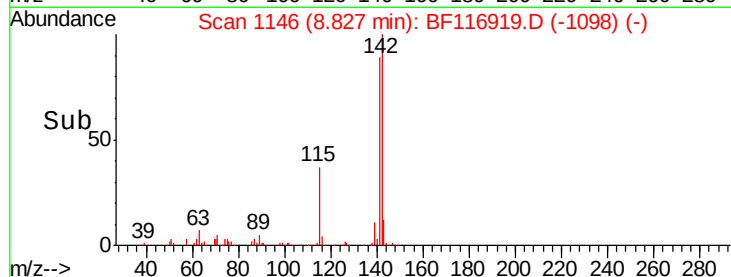
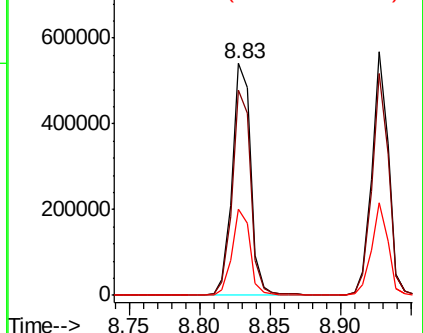
#37
2-Methylnaphthalene
Concen: 43.360 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	109.0
115	37.0	29.8	44.6

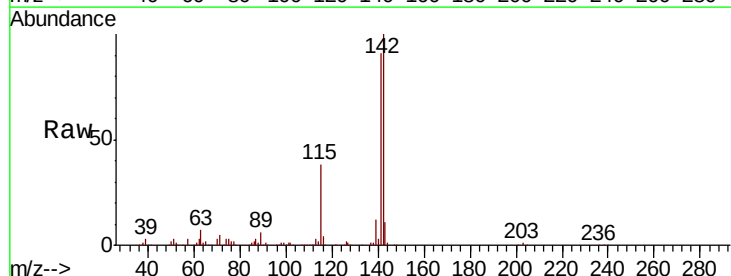


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

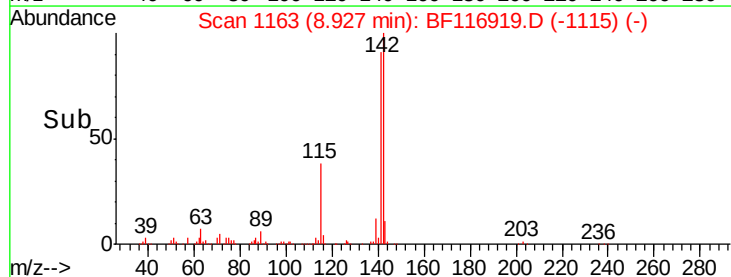
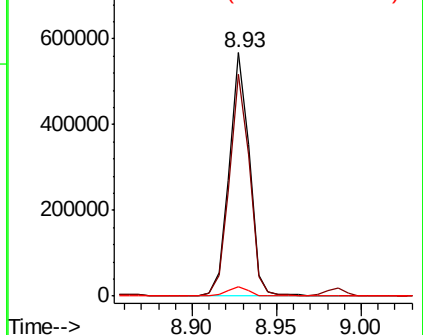


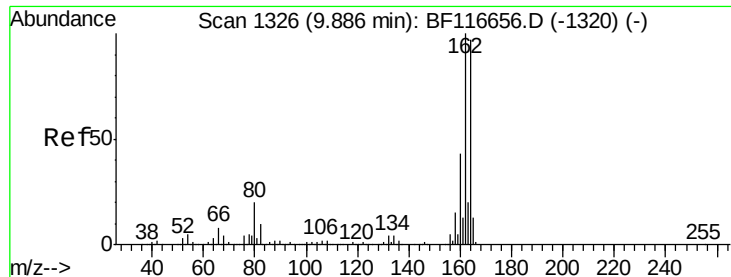
#38
1-Methylnaphthalene
Concen: 42.943 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9
116	3.8	3.0	4.6



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

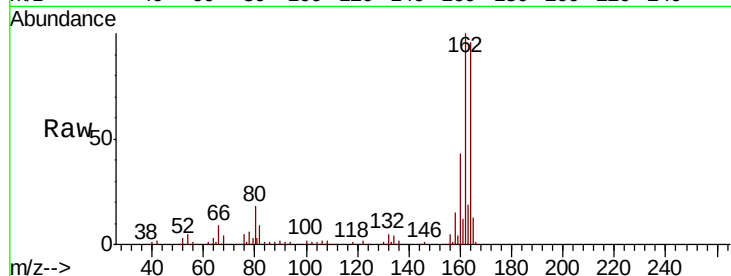




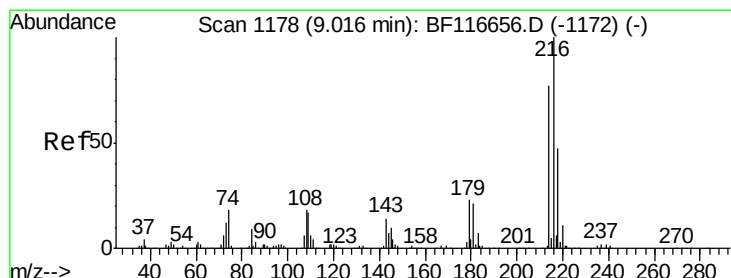
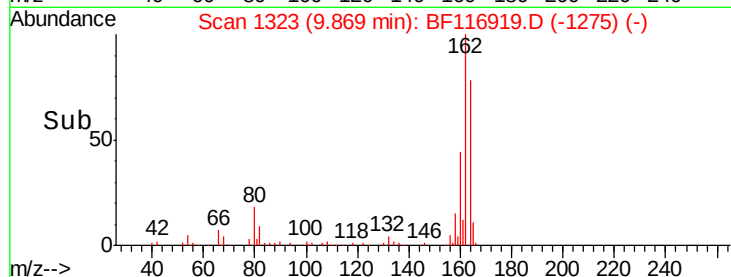
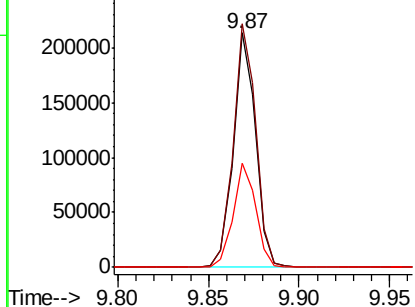
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	44.5	35.4	53.2



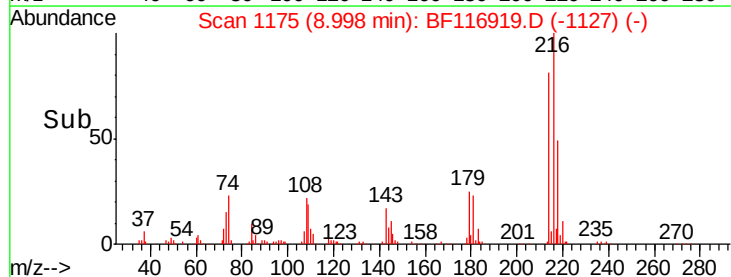
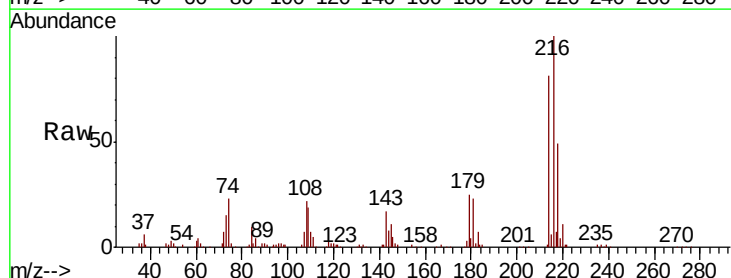
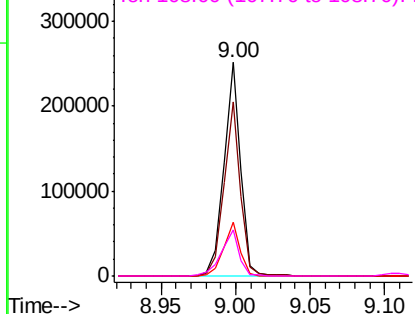
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

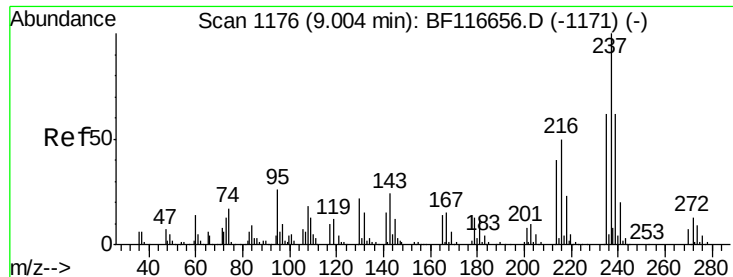


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.595 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.7	94.1
179	24.4	19.3	28.9
108	23.3	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: 35.805 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

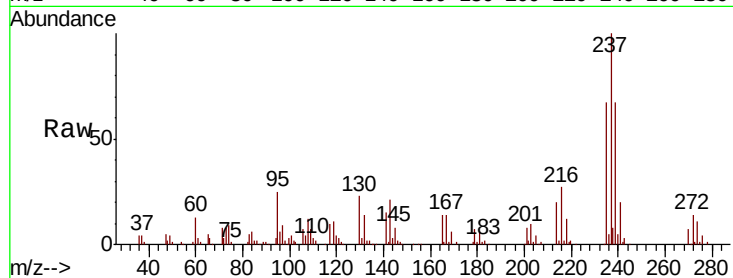
Tot Ion:237 Resp: 90743

Ion Ratio Lower Upper

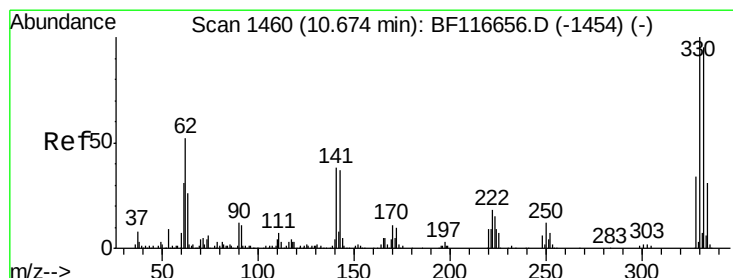
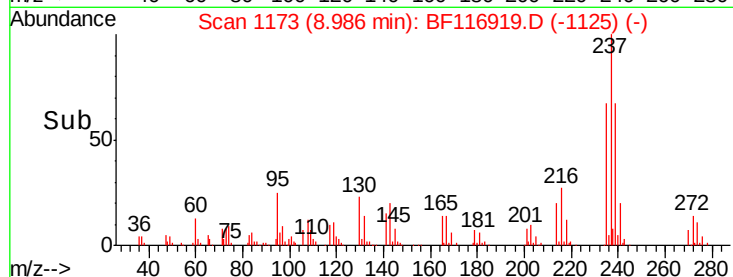
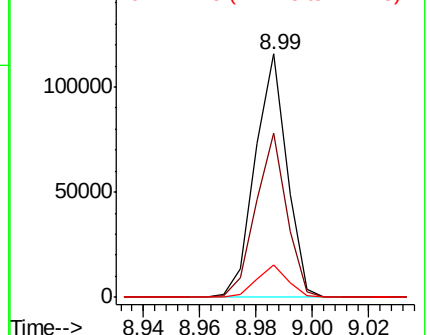
237 100

235 67.4 41.4 81.4

272 13.5 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: 108.093 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

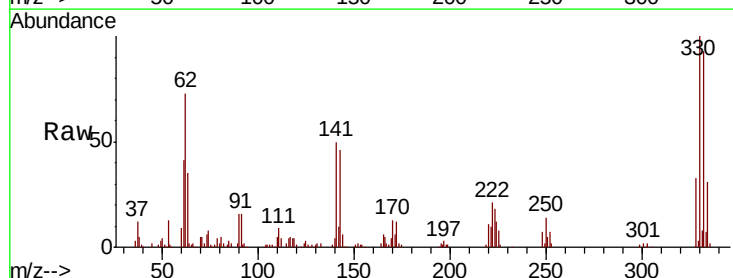
Tgt Ion:330 Resp: 132297

Ion Ratio Lower Upper

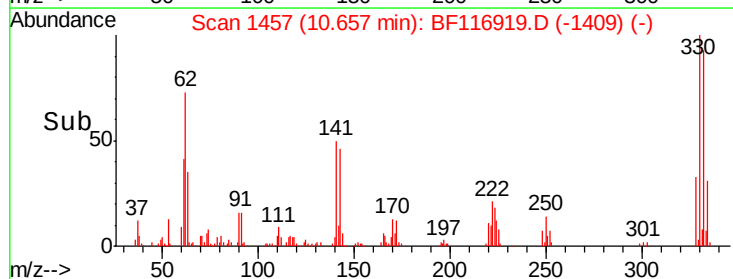
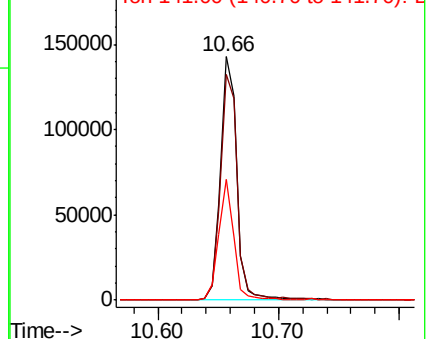
330 100

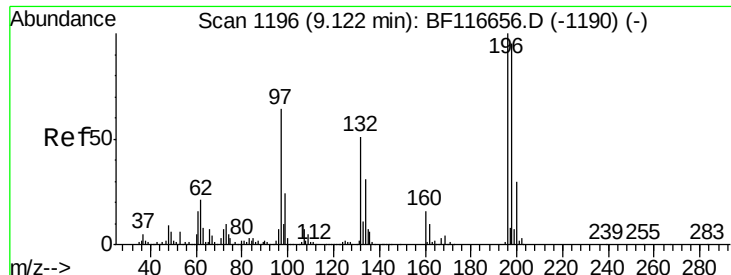
332 95.7 76.9 115.3

141 45.3 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

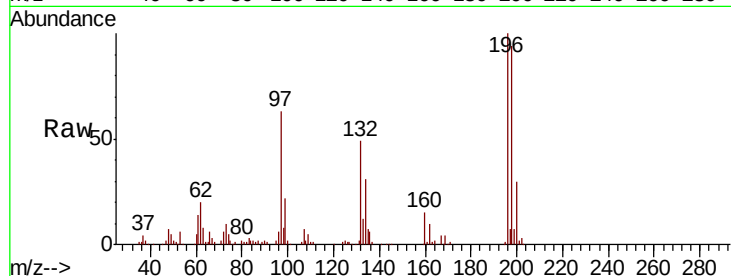




#43
 2,4,6-Trichlorophenol
 Concen: 47.018 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	141452
Ion Ratio	Lower	Upper	
196	100		
198	94.4	79.1	118.7
200	30.2	24.0	36.0

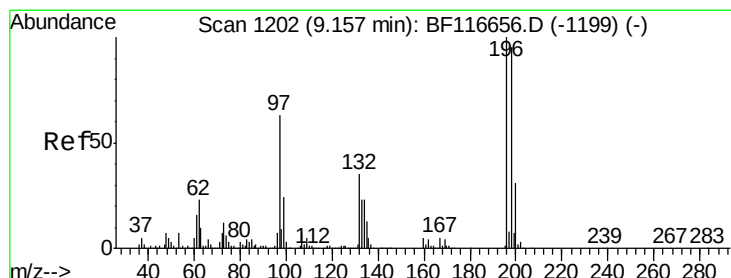
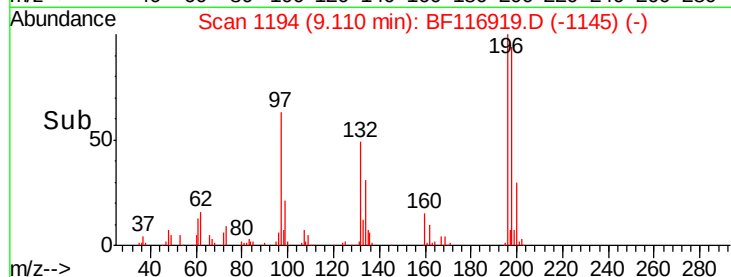
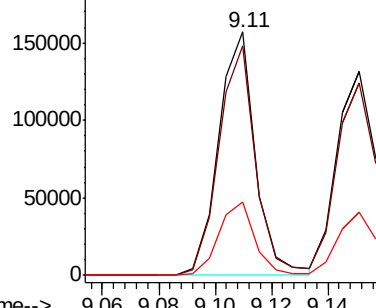


Abundance

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: 46.580 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	196	Resp	145483
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.1	117.1
97	56.4	41.6	62.4
132	33.0	23.5	35.3

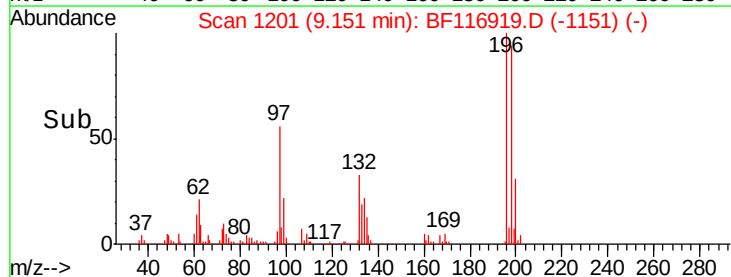
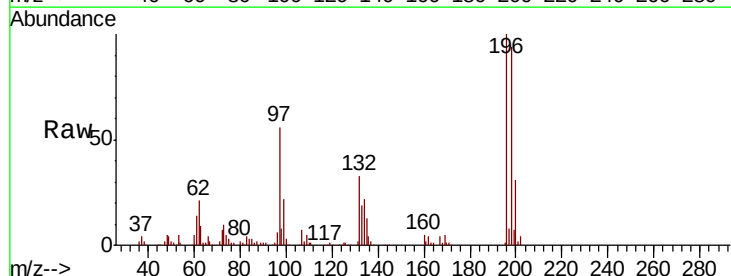
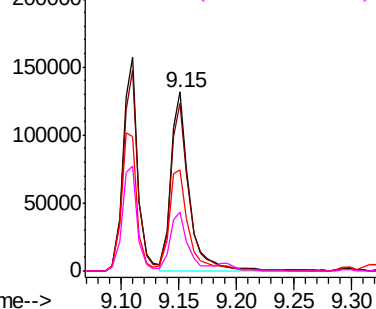
Abundance

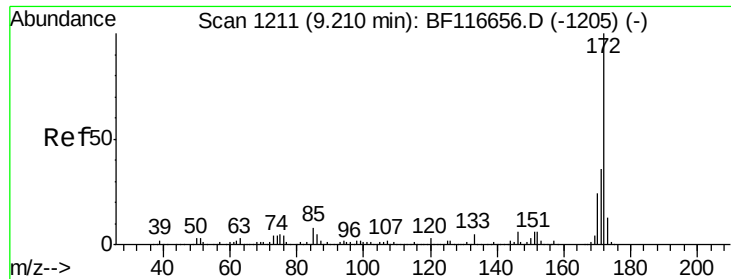
Ion 196.00 (195.70 to 196.70): E

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

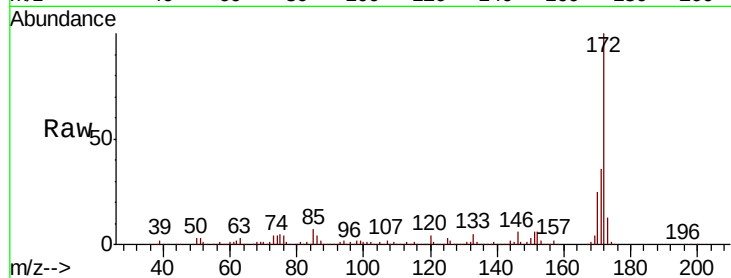




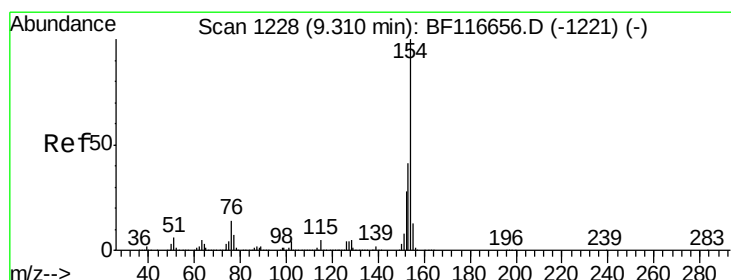
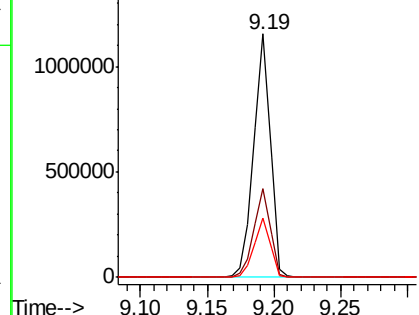
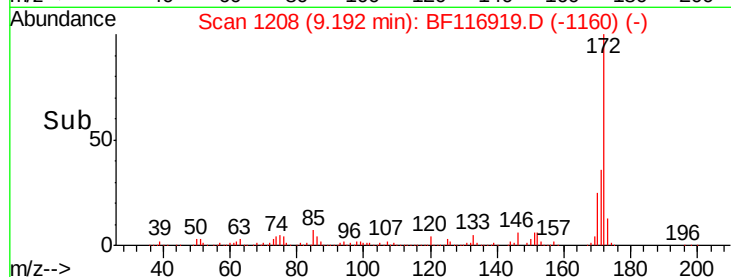
#45
2-Fluorobiphenyl
Concen: 91.060 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 988274
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.6
170 24.5 18.9 28.3

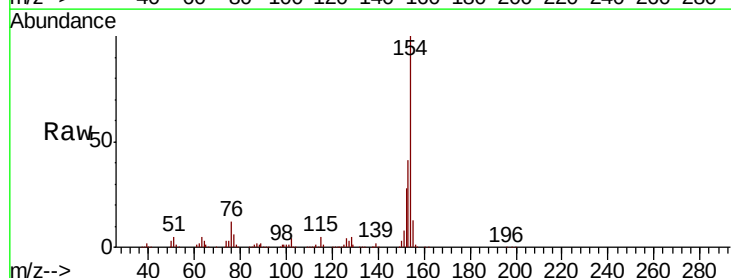


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

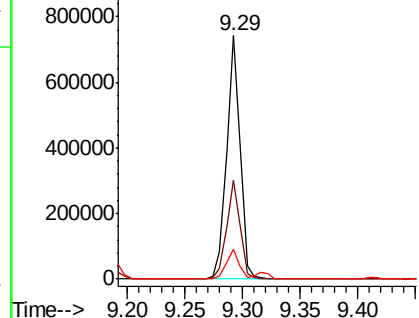
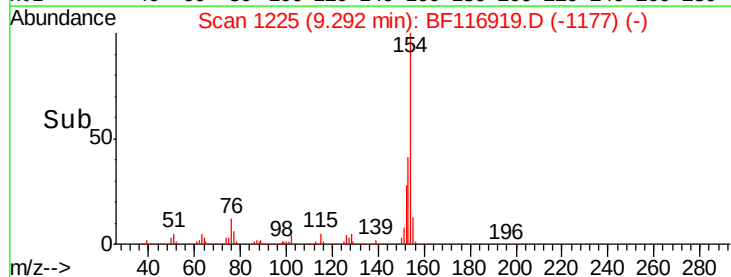


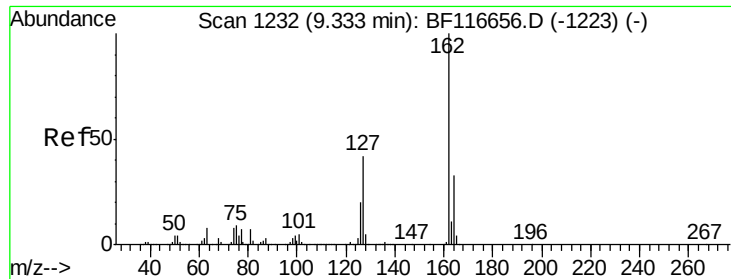
#46
1,1'-Biphenyl
Concen: 43.560 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:154 Resp: 605139
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 12.1 0.0 30.9



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

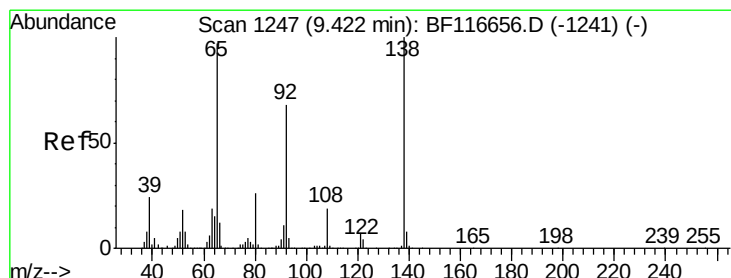
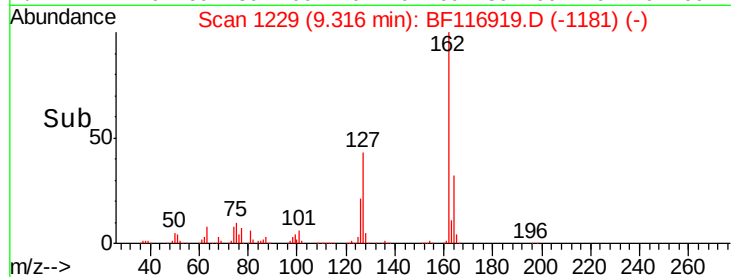
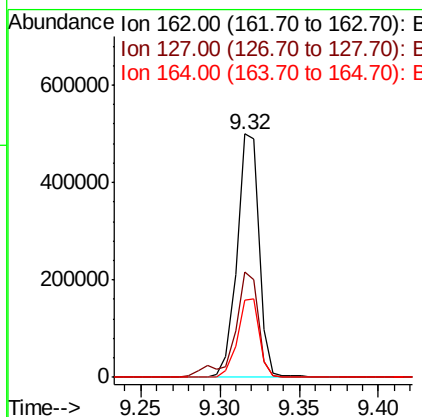
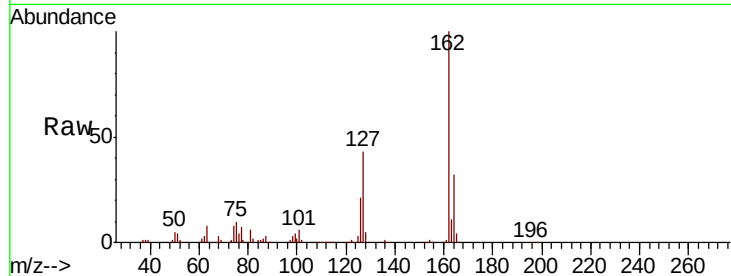




#47
 2-Chloronaphthalene
 Concen: 44.036 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

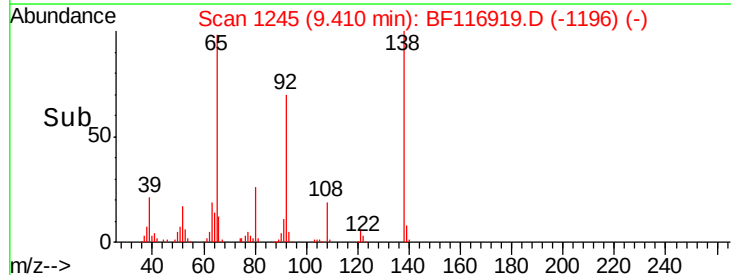
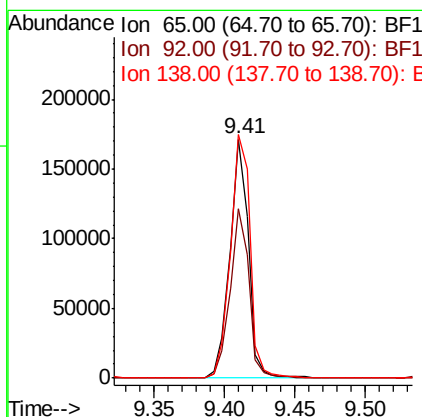
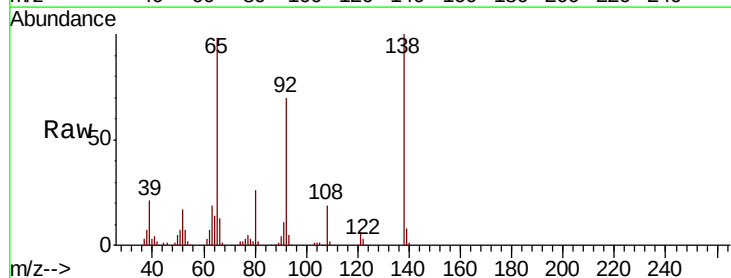
Instrument :
 BNA_F
 ClientSampleId :

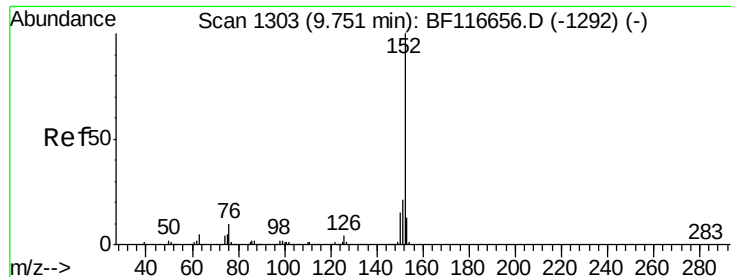
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.4	50.2
164	31.9	26.6	39.8



#48
 2-Nitroaniline
 Concen: 49.432 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.1	85.7
138	101.9	88.2	132.2





#49

Acenaphthylene

Concen: 42.967 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

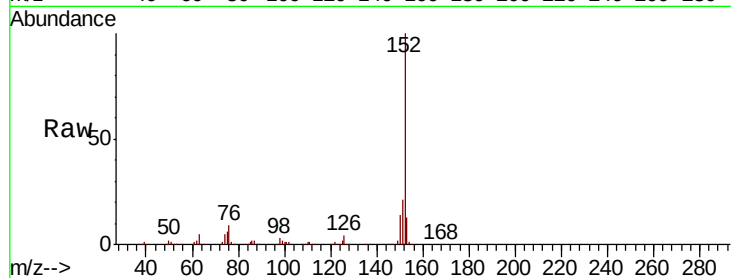
Tot Ion:152 Resp: 714668

Ion Ratio Lower Upper

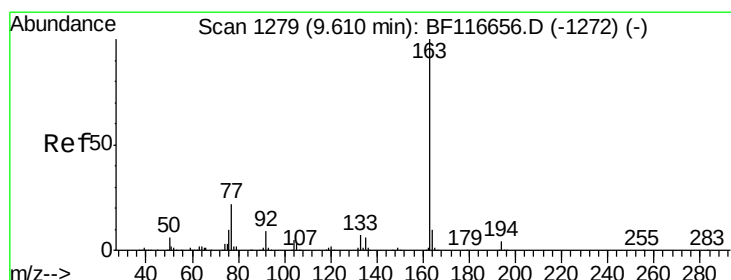
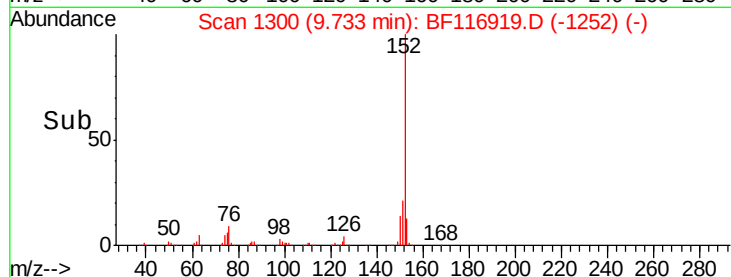
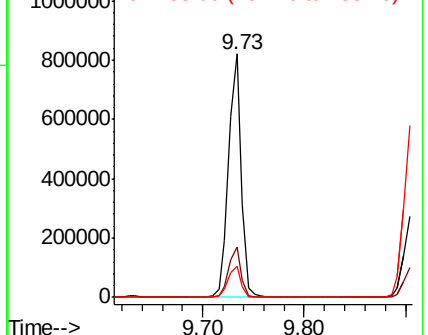
152 100

151 20.5 15.9 23.9

153 12.9 10.9 16.3



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



#50

Dimethylphthalate

Concen: 43.877 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

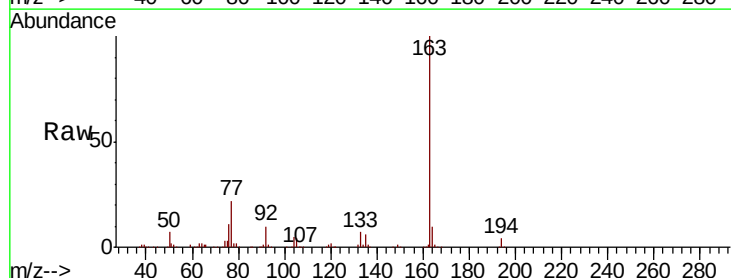
Tgt Ion:163 Resp: 554588

Ion Ratio Lower Upper

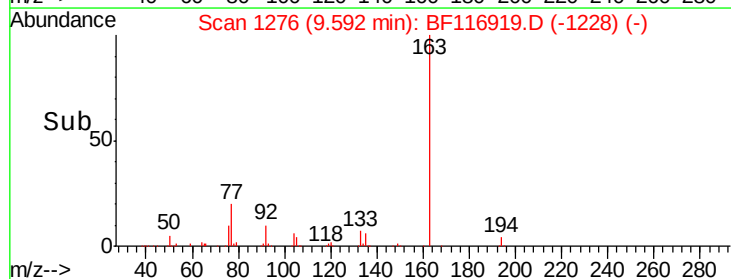
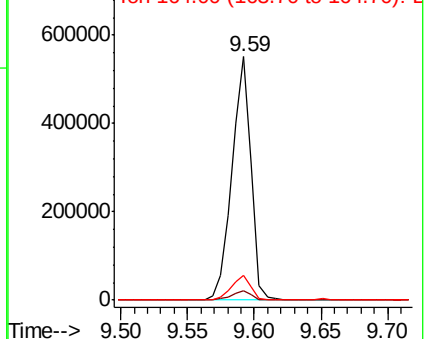
163 100

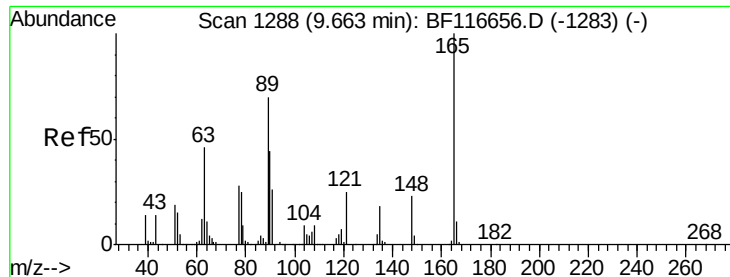
194 3.8 2.8 4.2

164 10.1 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: 48.546 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

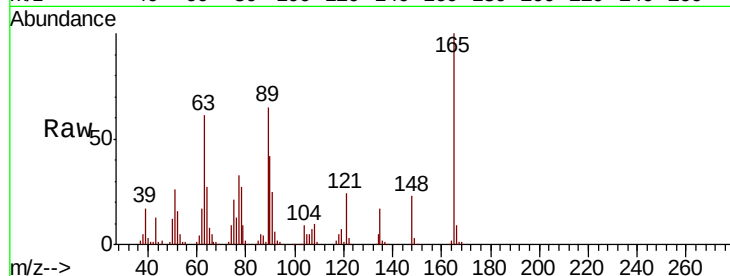
Tot Ion:165 Resp: 117073

Ion Ratio Lower Upper

165 100

63 60.5 47.3 70.9

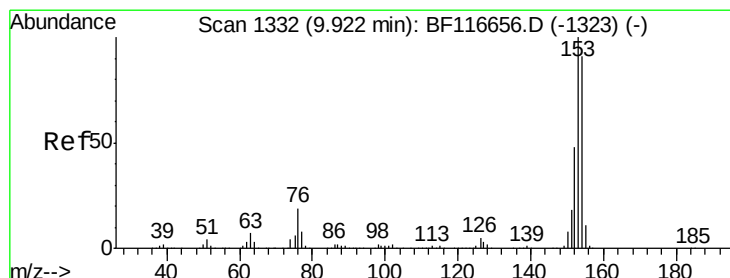
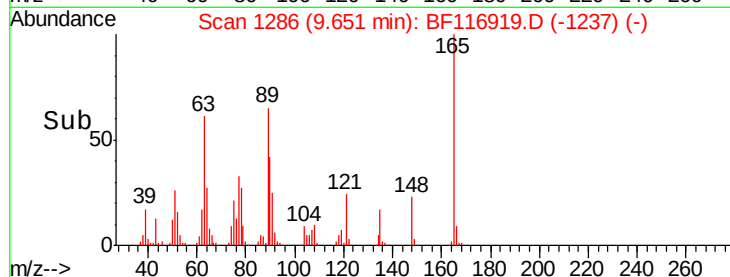
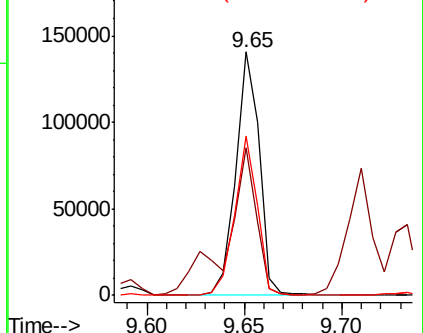
89 65.3 52.5 78.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.738 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

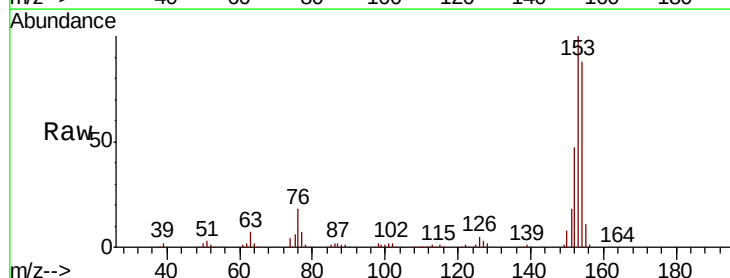
Tgt Ion:154 Resp: 426554

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

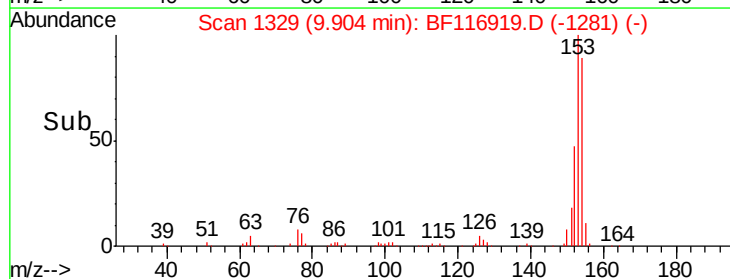
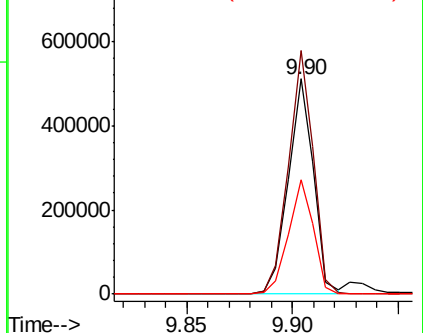
152 53.1 41.9 62.9

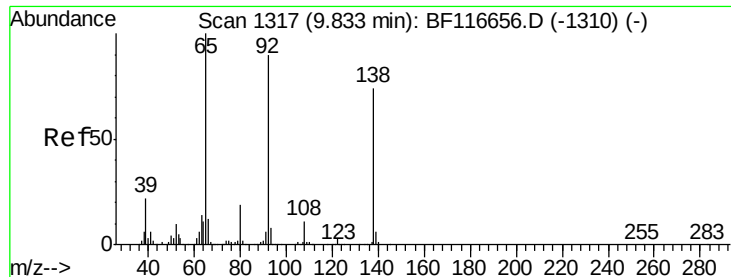


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

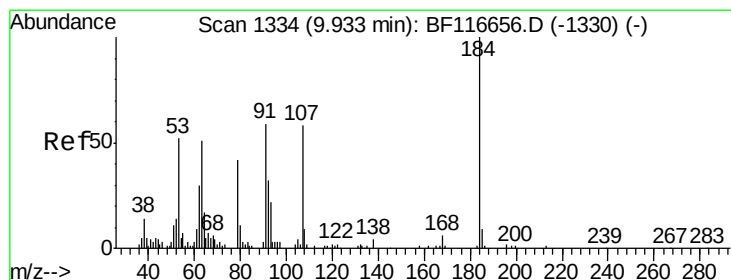
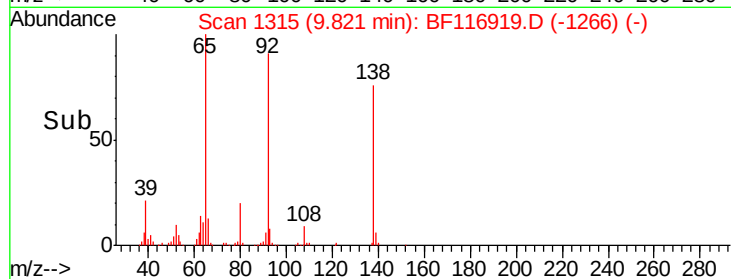
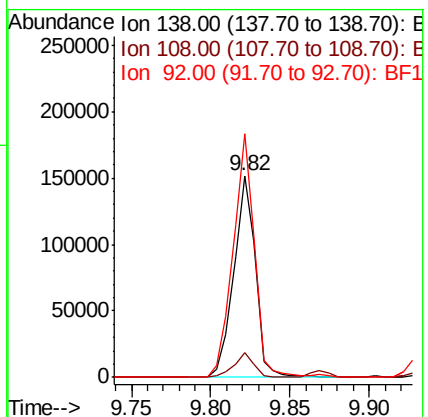
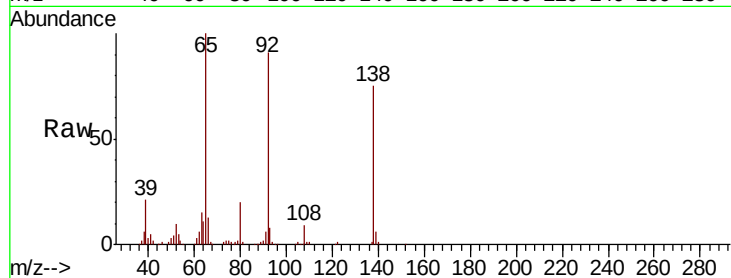




#53
3-Nitroaniline
Concen: 47.711 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

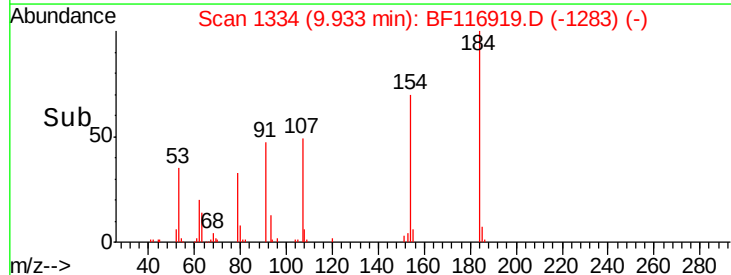
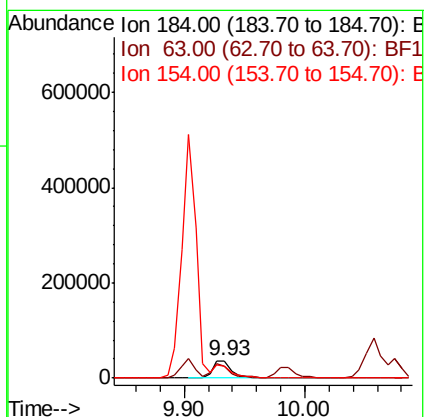
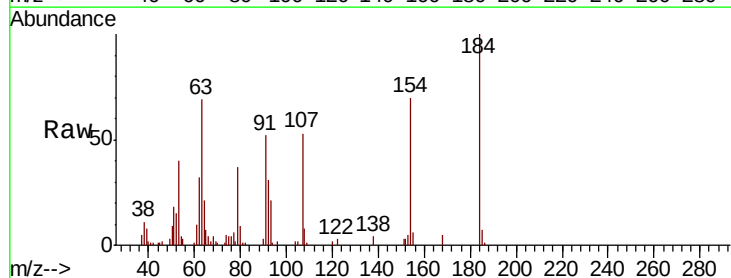
Instrument :
BNA_F
ClientSampleId :

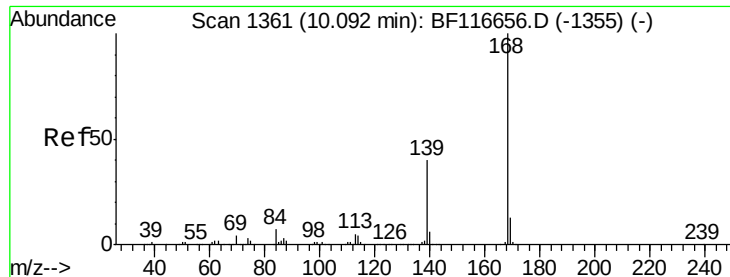
Tot Ion:138 Resp: 144191
Ion Ratio Lower Upper
138 100
108 12.0 8.5 12.7
92 120.7 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 53.602 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:184 Resp: 42989
Ion Ratio Lower Upper
184 100
63 69.1 52.2 78.2
154 70.0 60.8 91.2

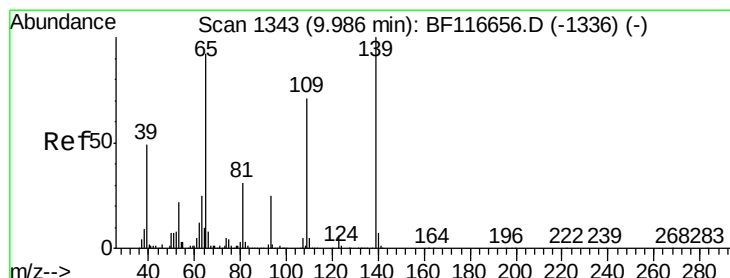
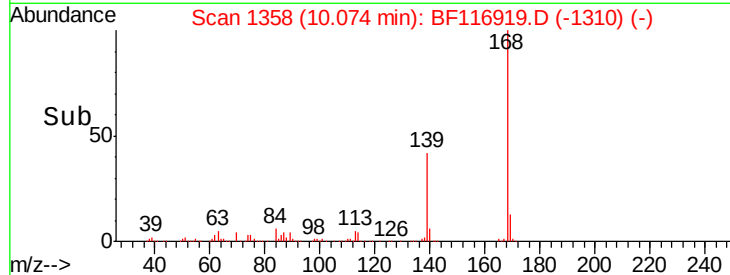
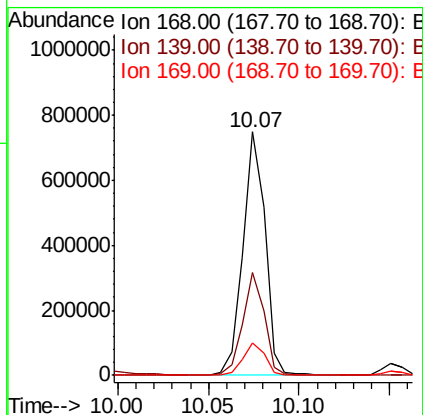
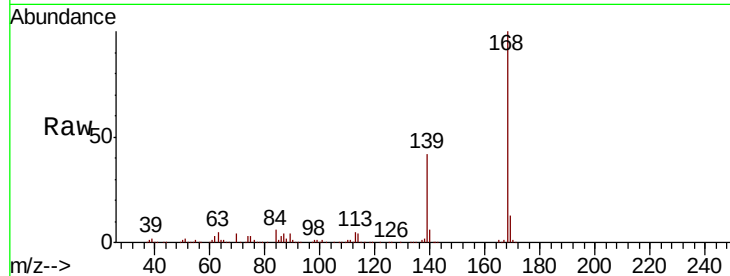




#55
Dibenzofuran
Concen: 44.145 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

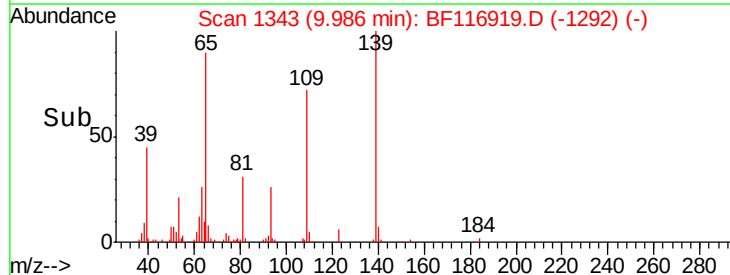
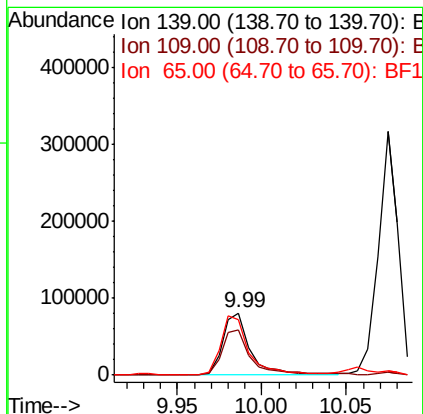
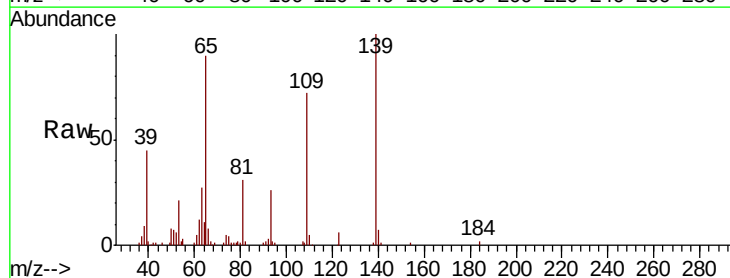
Instrument :
BNA_F
ClientSampled :

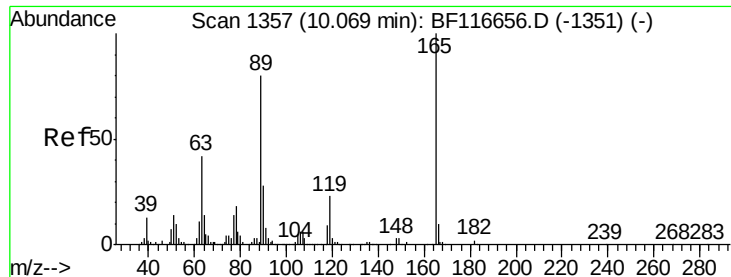
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.5	47.3
169	13.3	10.3	15.5



#56
4-Nitrophenol
Concen: 45.208 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	61.7	101.7
65	89.8	89.1	129.1





#57

2,4-Dinitrotoluene

Concen: 53.655 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 158217

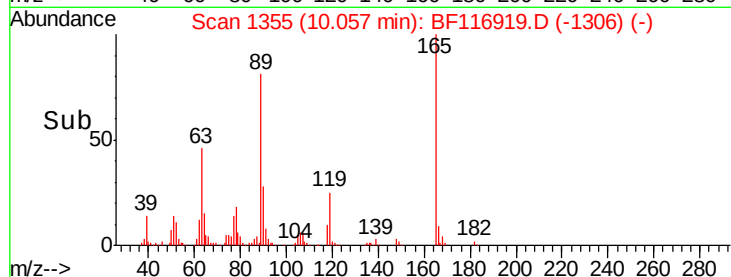
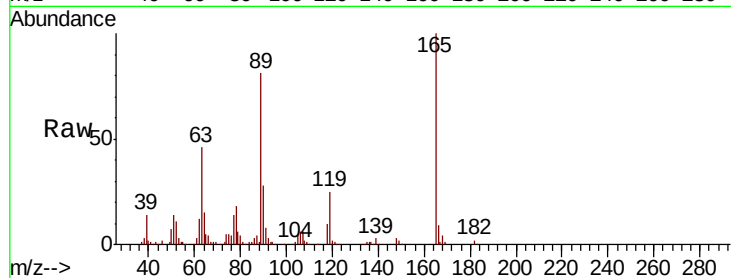
Ion Ratio Lower Upper

165 100

63 46.4 36.4 54.6

89 81.4 62.6 94.0

182 2.2 2.1 3.1

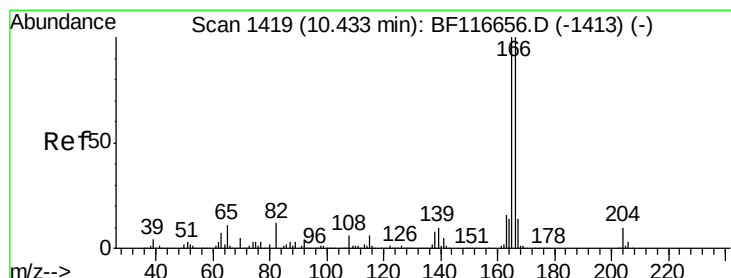
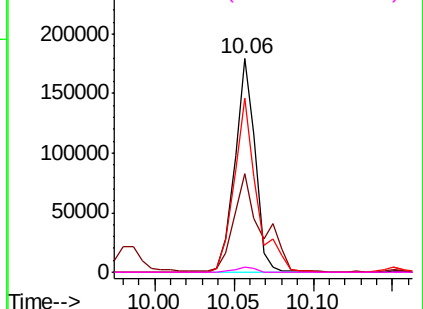


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.911 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

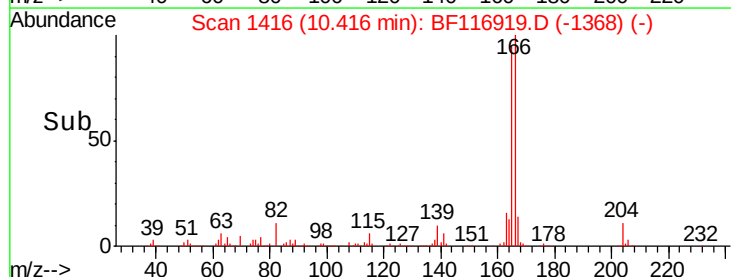
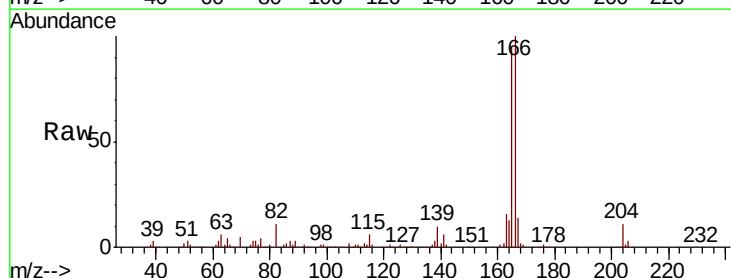
Tgt Ion:166 Resp: 503991

Ion Ratio Lower Upper

166 100

165 95.4 78.8 118.2

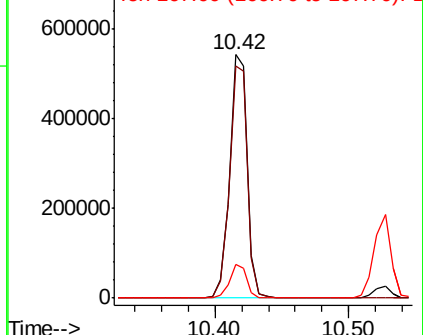
167 13.8 10.0 15.0

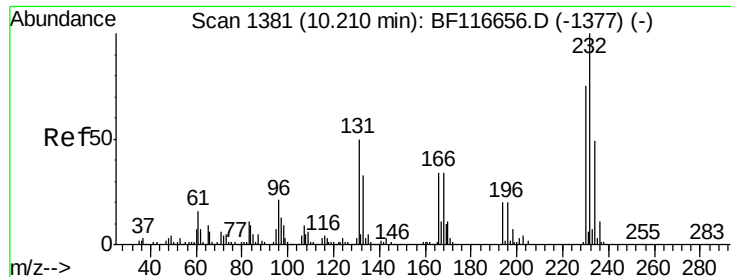


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

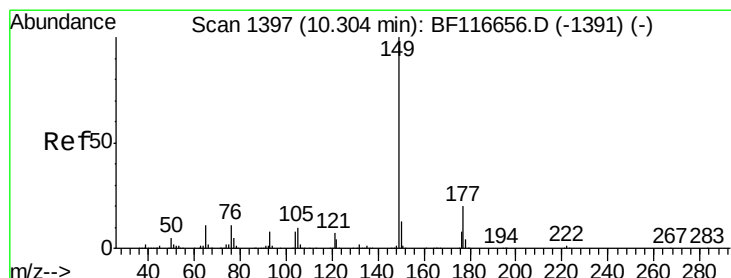
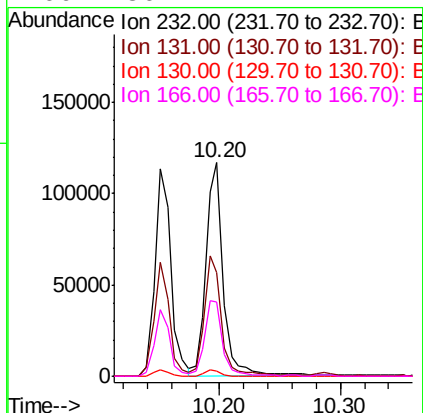
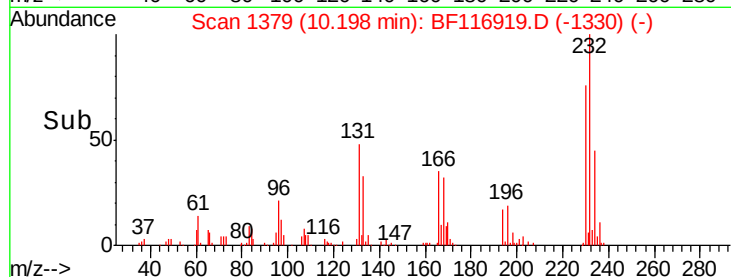
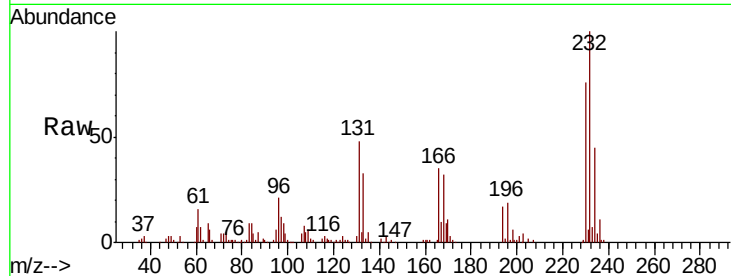




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.348 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

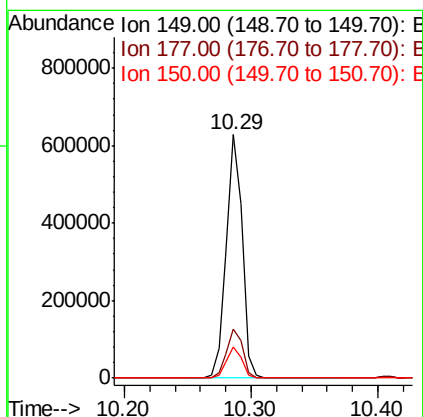
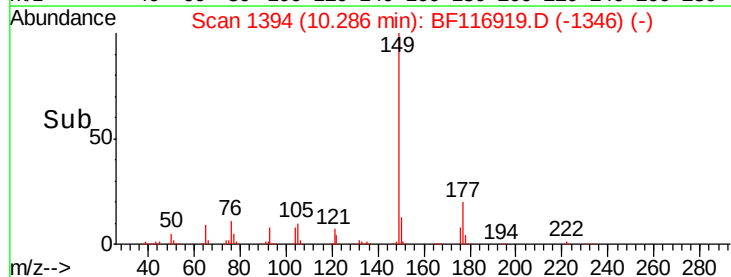
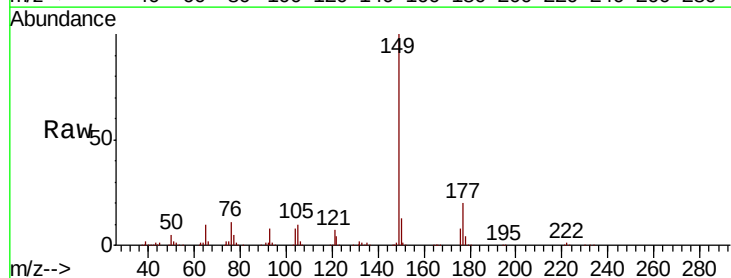
Instrument :
BNA_F
ClientSampleId :

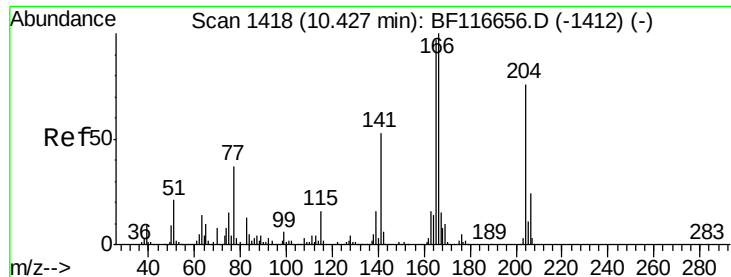
Tot Ion:232 Resp: 115745
Ion Ratio Lower Upper
232 100
131 56.8 42.7 64.1
130 2.7 1.9 2.9
166 36.4 27.4 41.2



#60
Diethylphthalate
Concen: 43.214 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 547141
Ion Ratio Lower Upper
149 100
177 20.3 17.2 25.8
150 12.8 9.7 14.5

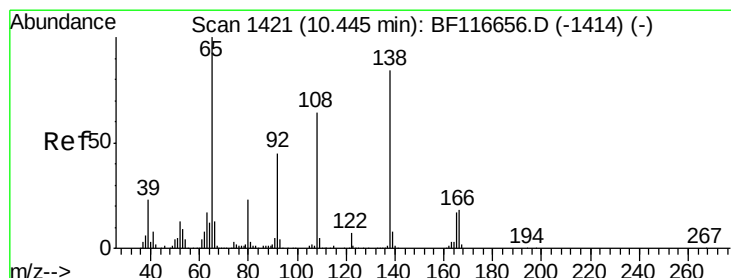
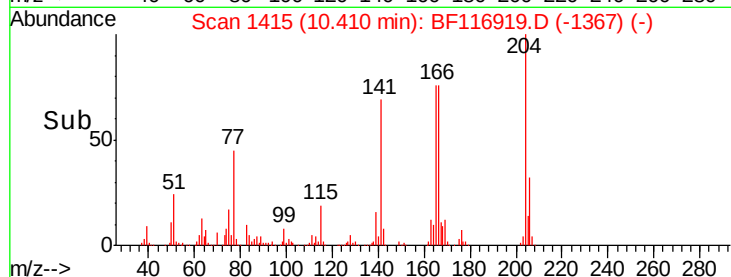
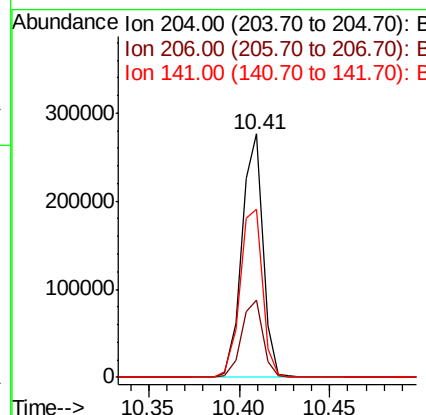
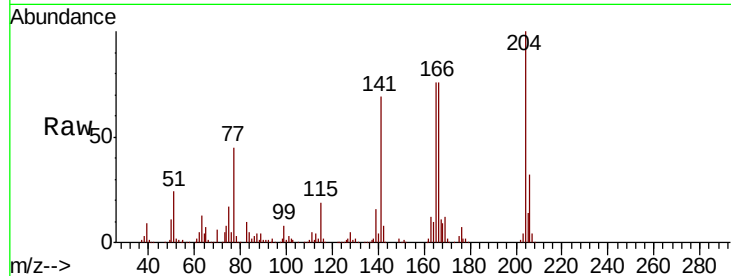




#61
4-Chlorophenyl-phenylether
Concen: 46.545 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

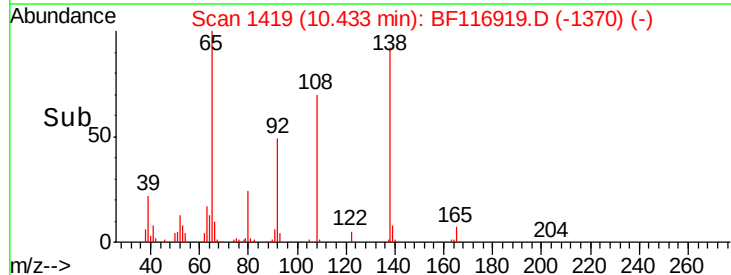
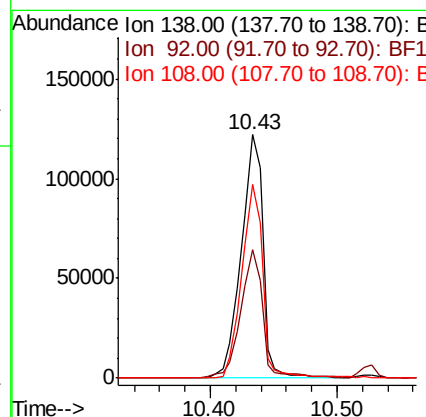
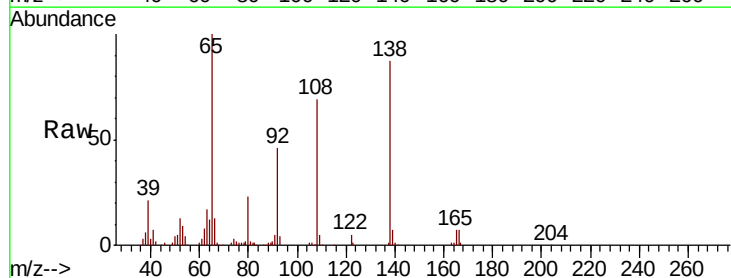
Instrument :
BNA_F
ClientSampleId :

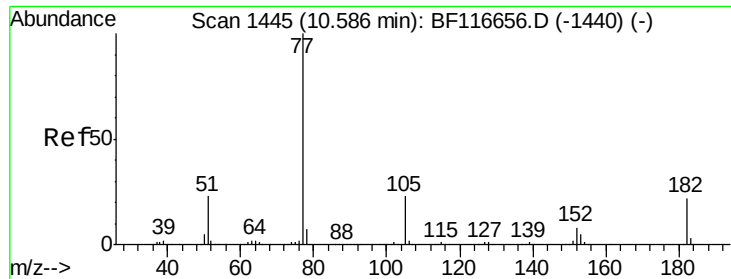
Tot Ion:204 Resp: 223744
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.2
141 68.8 53.8 80.8



#62
4-Nitroaniline
Concen: 49.299 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:138 Resp: 144591
Ion Ratio Lower Upper
138 100
92 52.8 28.7 68.7
108 79.4 60.4 100.4

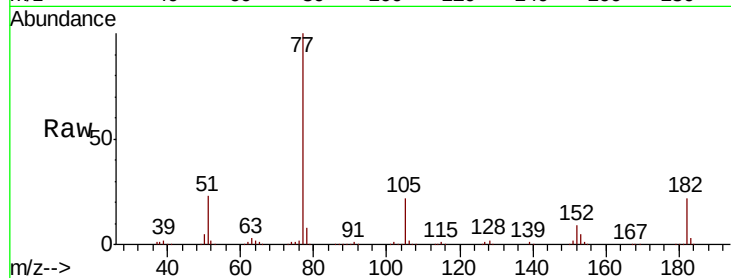




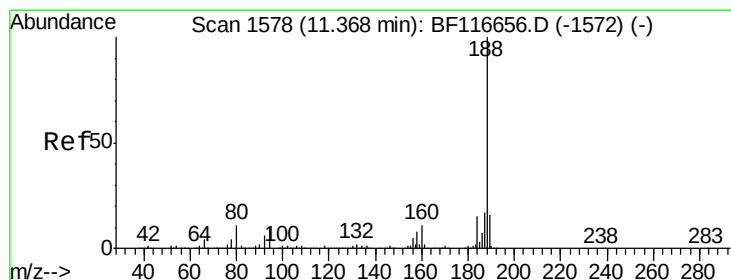
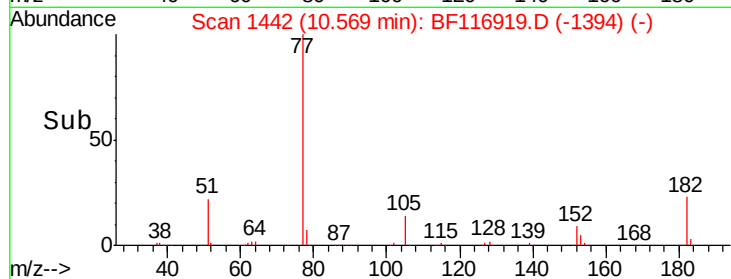
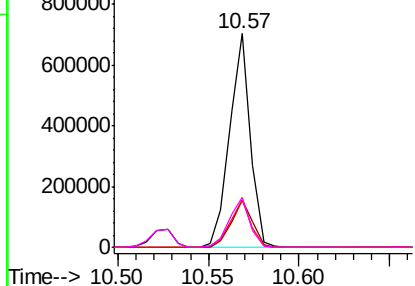
#63
Azobenzene
Concen: 42.434 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	560213
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	22.3	0.6	40.6
51	23.2	8.2	48.2

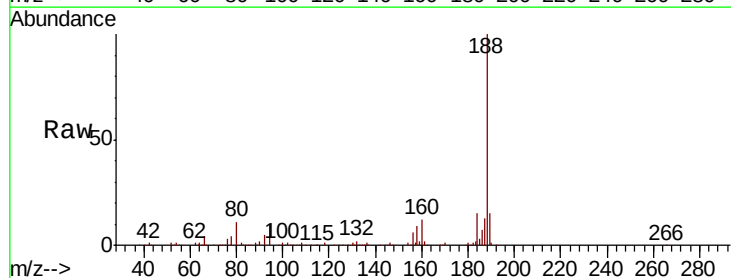


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

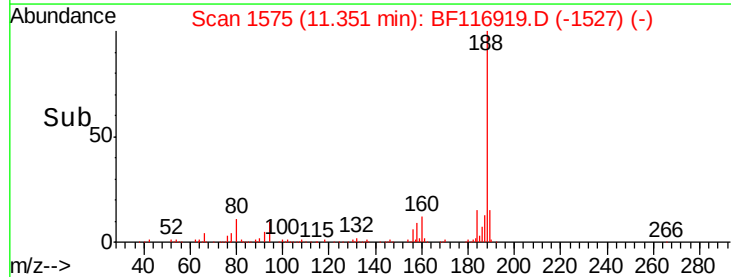
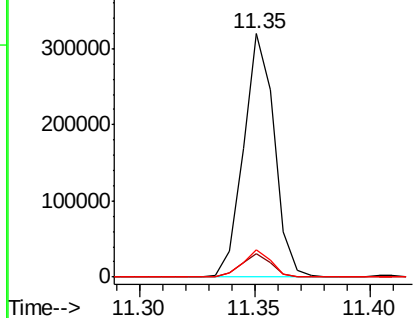


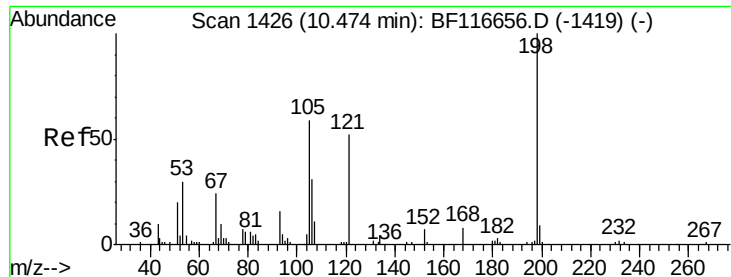
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	188	Resp:	297900
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.3	10.9
80	11.0	8.4	12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

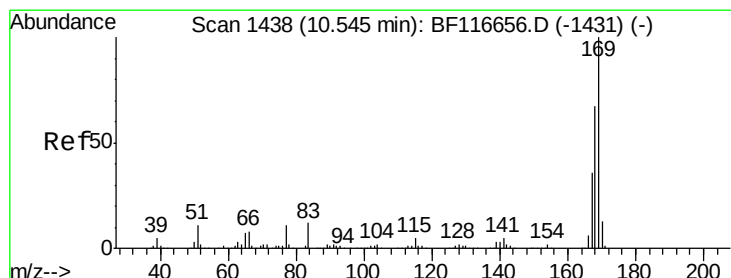
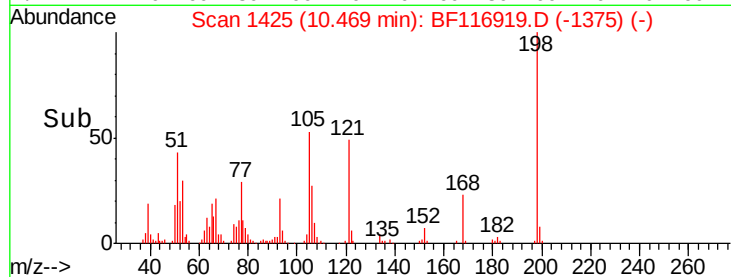
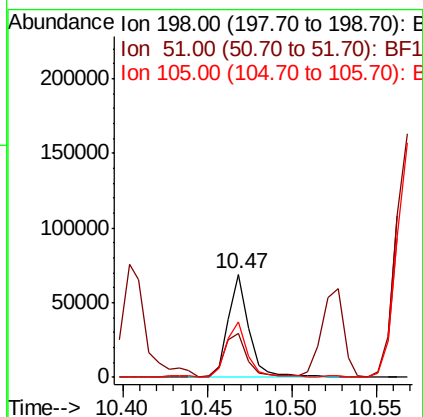
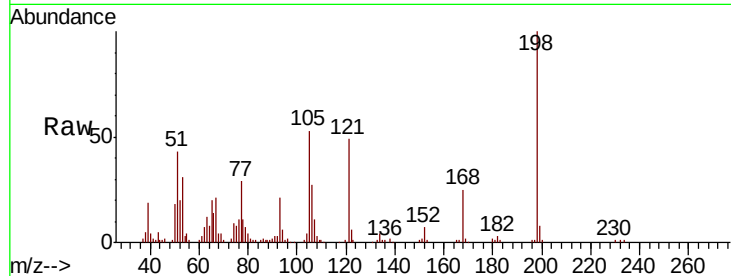




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.827 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

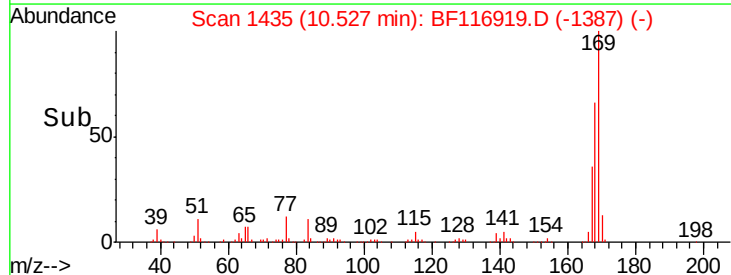
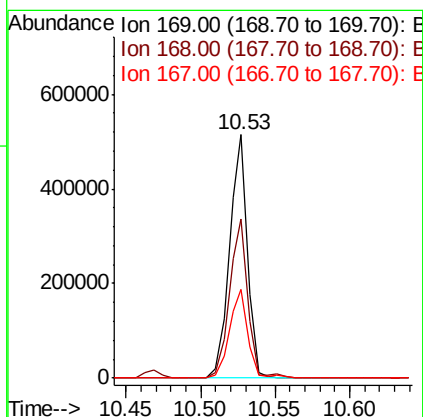
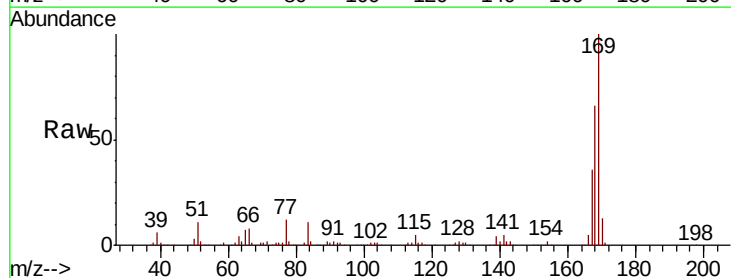
Instrument :
 BNA_F
 ClientSampleId :

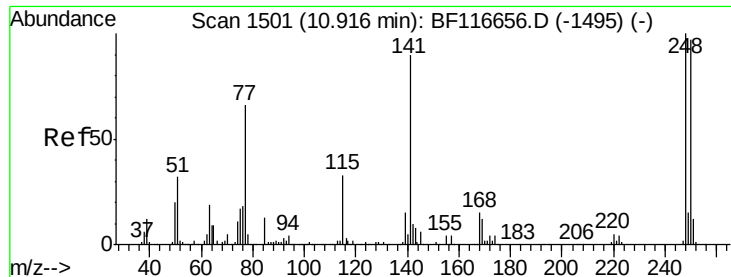
Tot Ion:198 Resp: 58932
 Ion Ratio Lower Upper
 198 100
 51 43.2 18.4 58.4
 105 53.5 22.9 62.9



#66
 n-Nitrosodiphenylamine
 Concen: 42.439 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:169 Resp: 437353
 Ion Ratio Lower Upper
 169 100
 168 65.5 55.8 83.6
 167 36.3 29.4 44.2

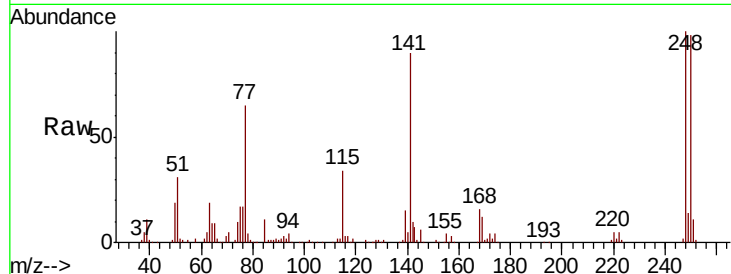




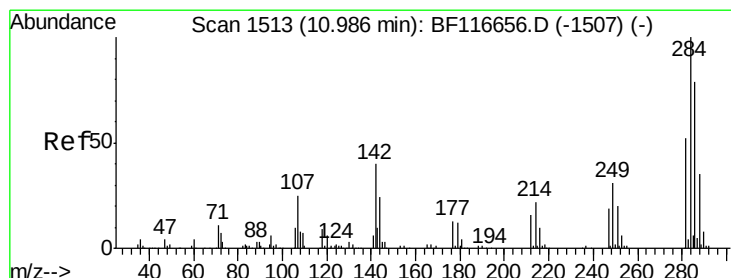
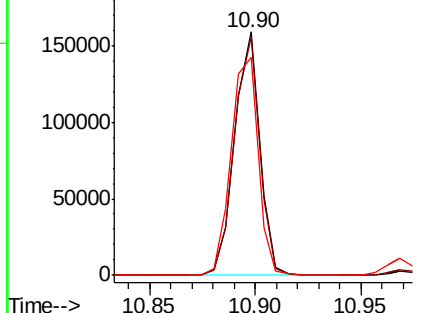
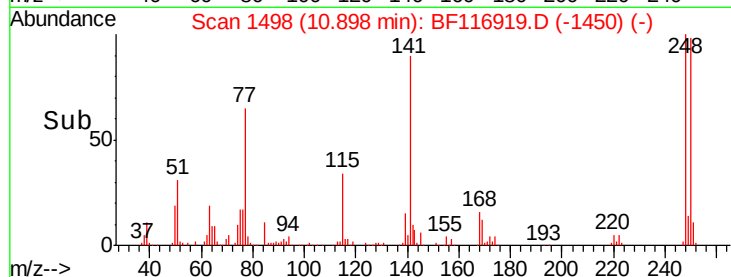
#67
4-Bromophenyl-phenylether
Concen: 43.190 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 130703
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 89.7 75.9 113.9

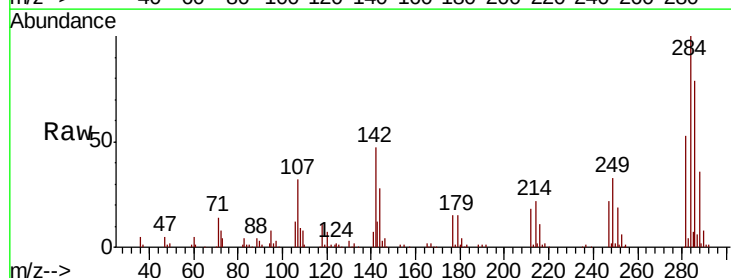


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

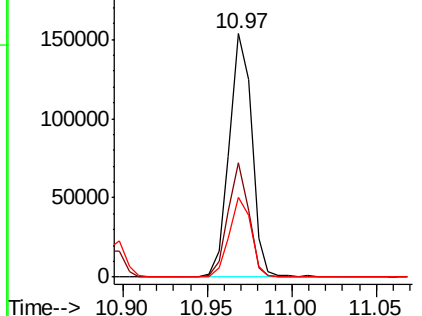
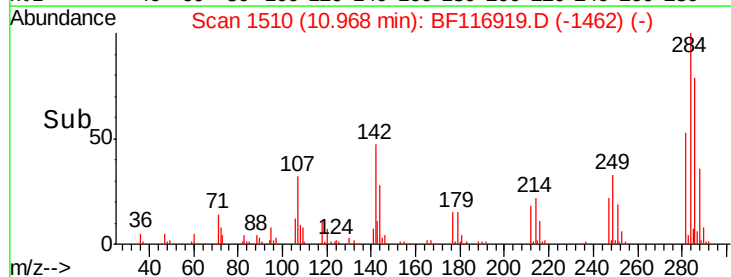


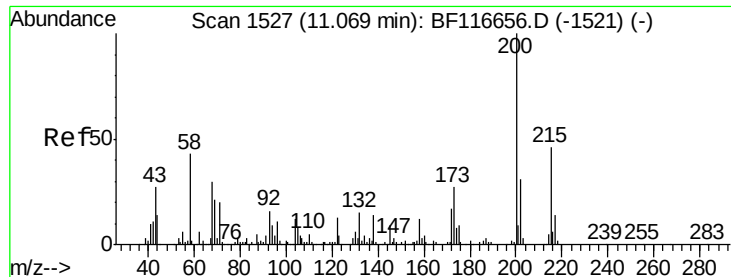
#68
Hexachlorobenzene
Concen: 45.051 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:284 Resp: 142643
Ion Ratio Lower Upper
284 100
142 46.9 34.0 51.0
249 33.0 26.4 39.6



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

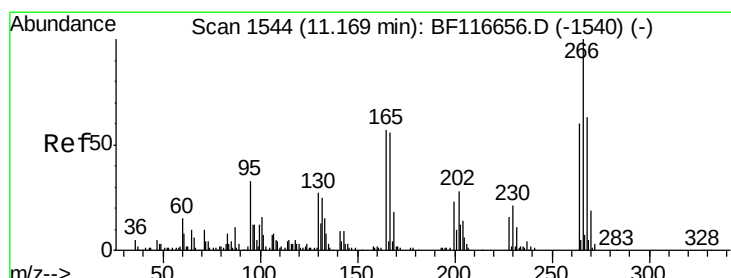
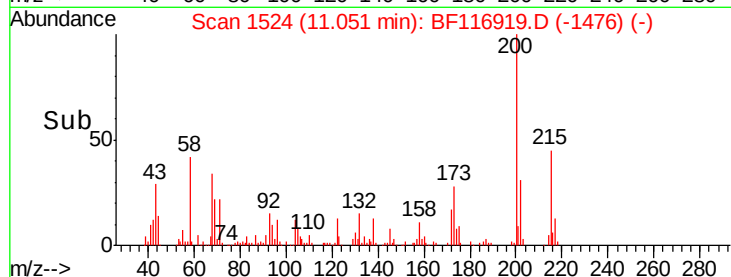
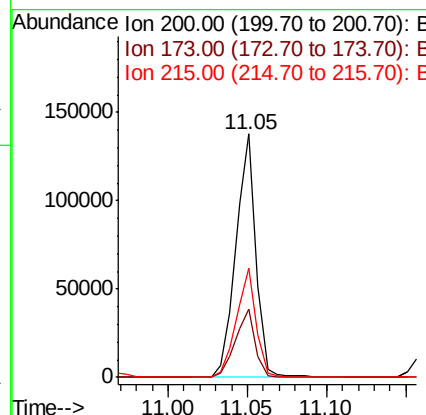
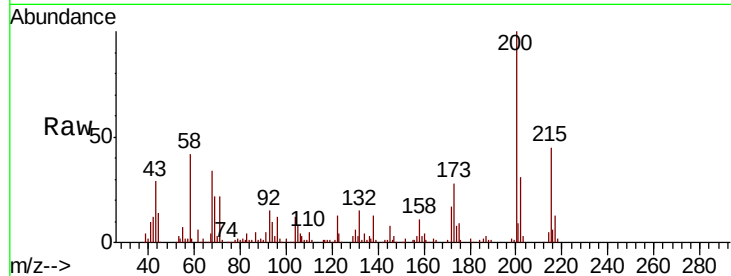




#69
Atrazine
Concen: 41.743 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

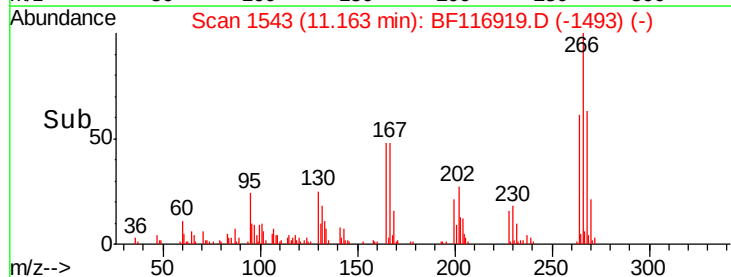
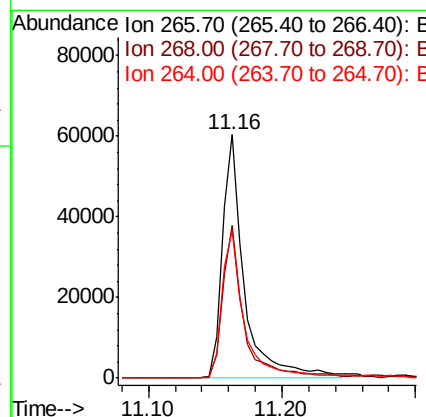
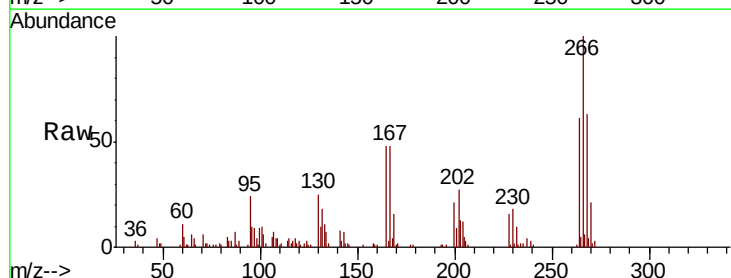
Instrument :
BNA_F
ClientSampleId :

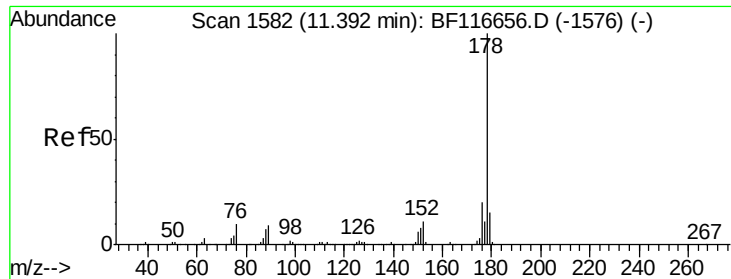
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.2	46.2
215	44.9	24.3	64.3



#70
Pentachlorophenol
Concen: 45.578 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.2	76.8
264	60.9	51.9	77.9





#71

Phenanthrene

Concen: 43.131 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

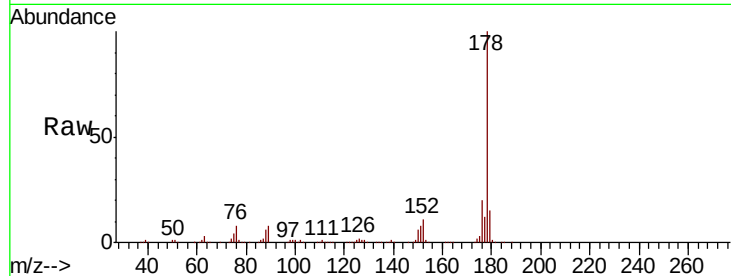
Tot Ion:178 Resp: 715241

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

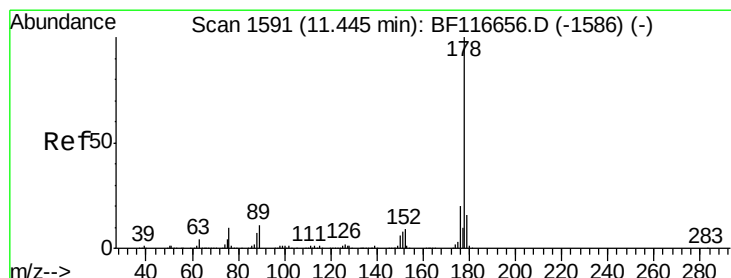
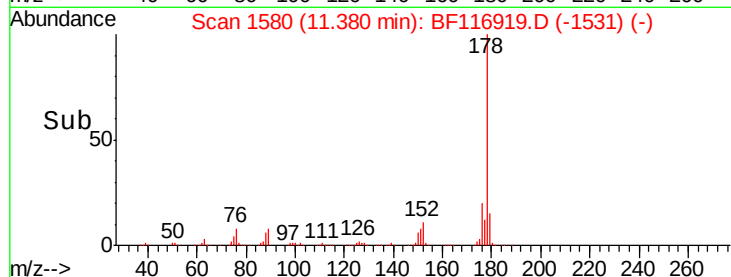
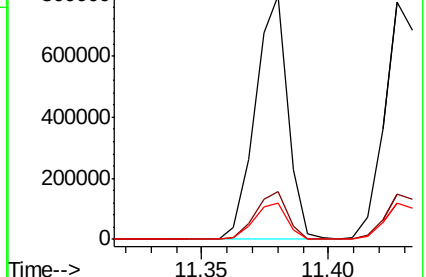
179 14.9 12.2 18.2



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: 43.467 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

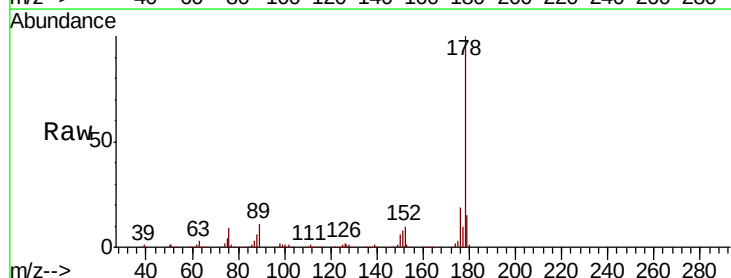
Tgt Ion:178 Resp: 725603

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

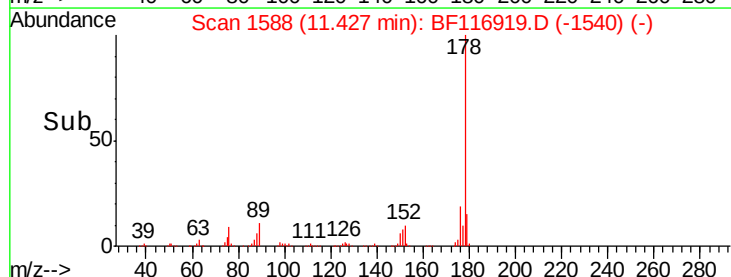
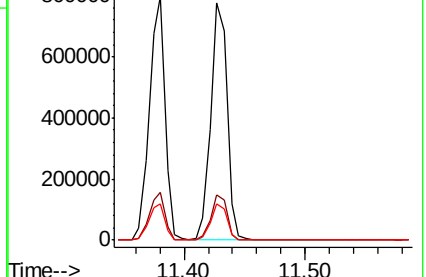
179 15.3 12.5 18.7

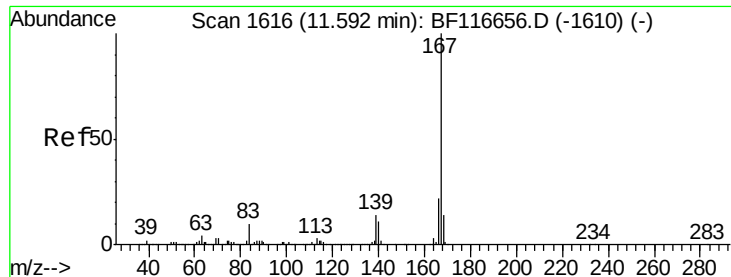


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

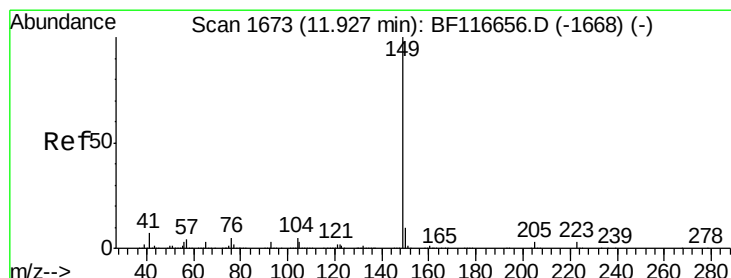
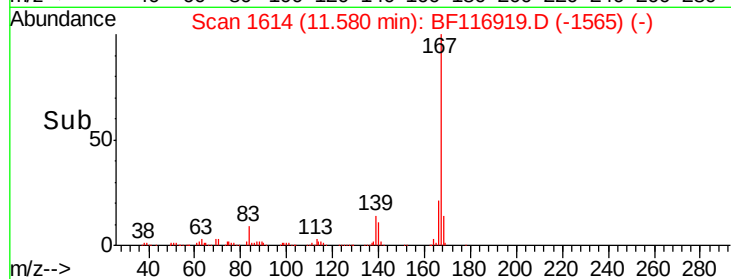
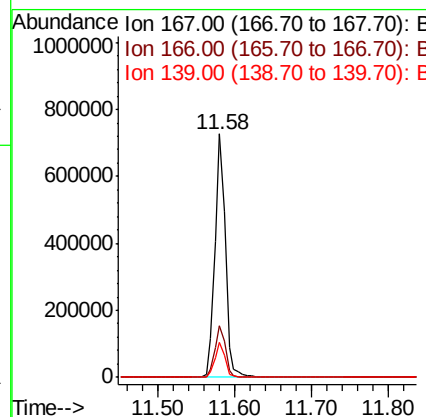
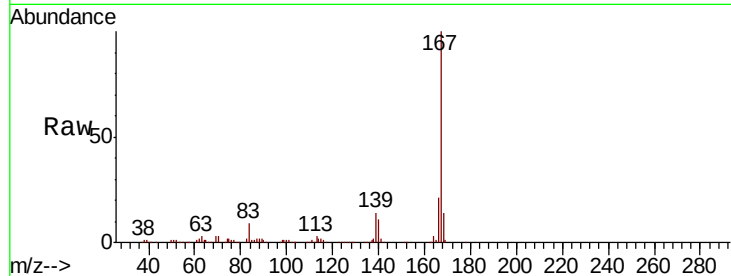




#73
 Carbazole
 Concen: 42.671 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

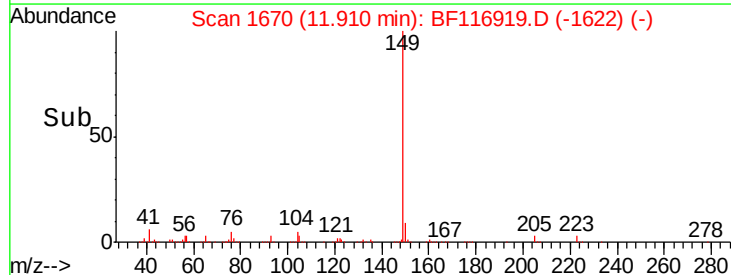
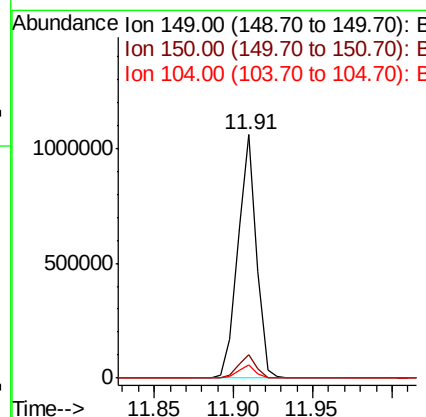
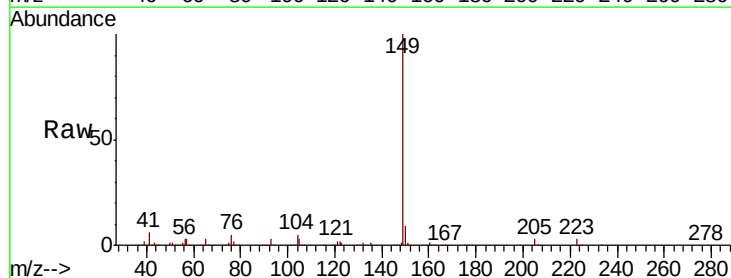
Instrument :
 BNA_F
 ClientSampleId :

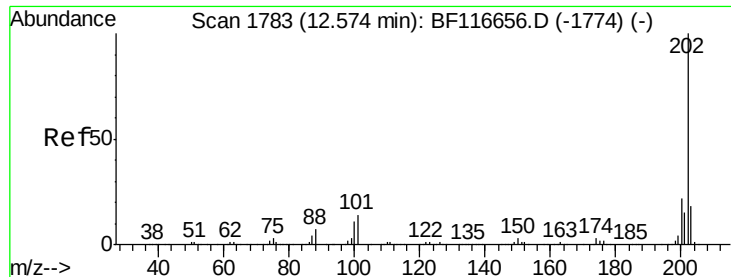
Tot Ion:167 Resp: 678521
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.967 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 855491
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.3 4.2 6.2

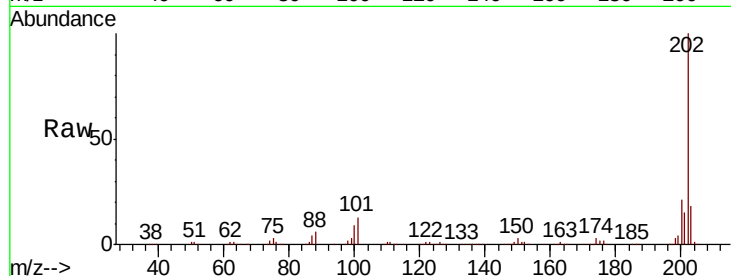




#75
 Fluoranthene
 Concen: 44.029 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.3
203	17.6	0.0	37.6

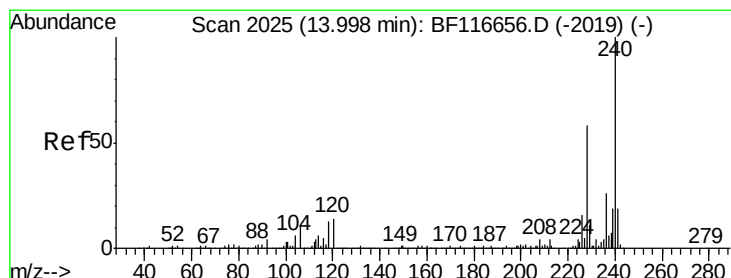
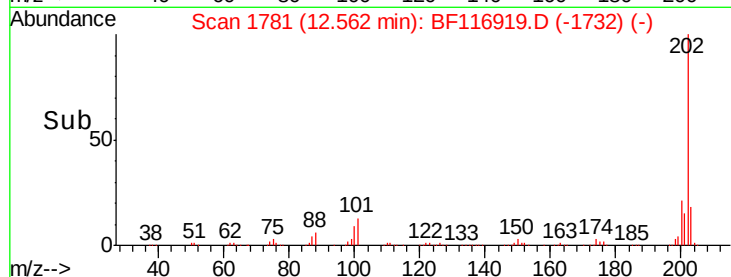
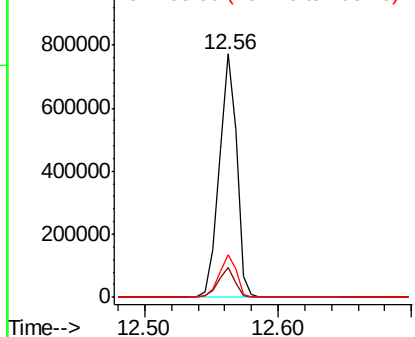


Abundance

Ion 202.00 (201.70 to 202.70): E

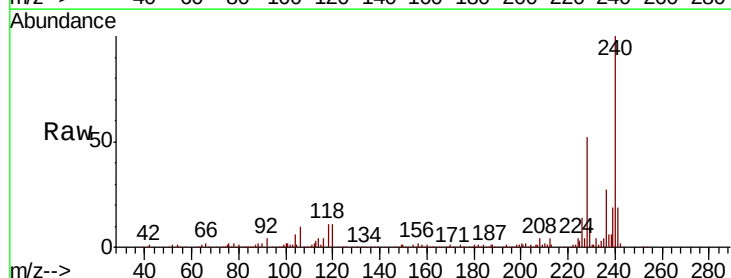
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	26.5	21.1	31.7

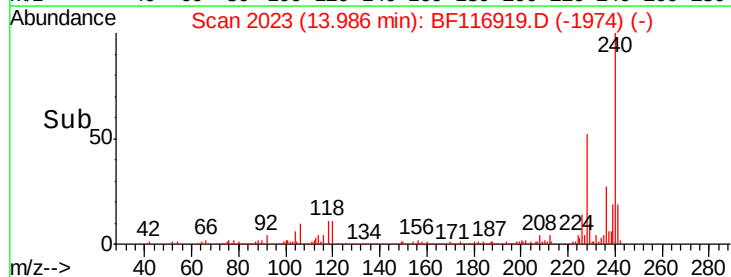
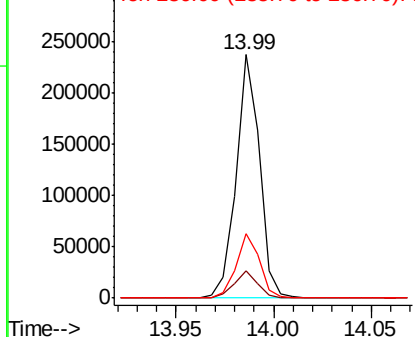


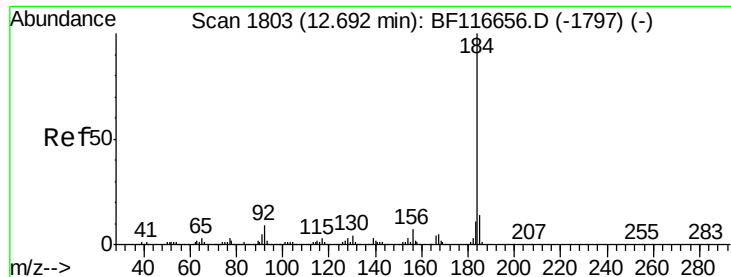
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.212 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

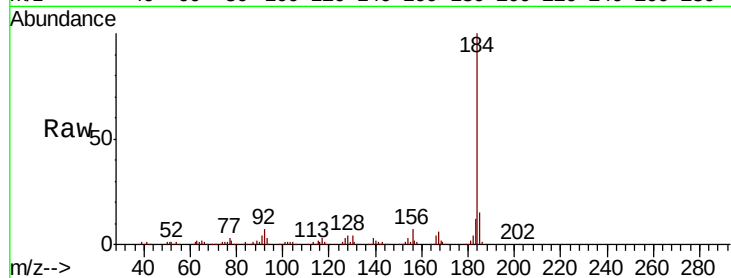
Tot Ion:184 Resp: 271833

Ion Ratio Lower Upper

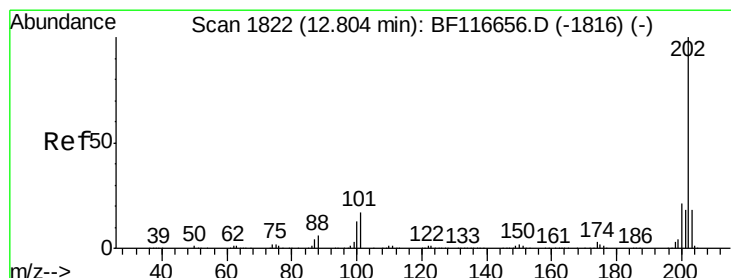
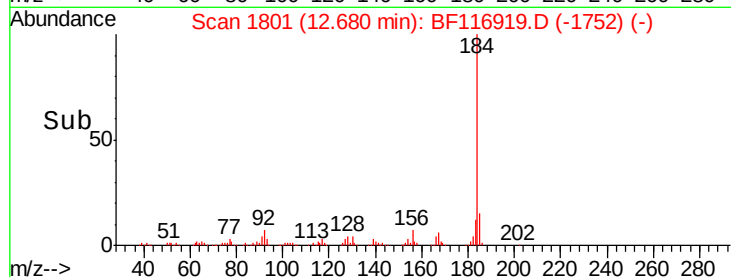
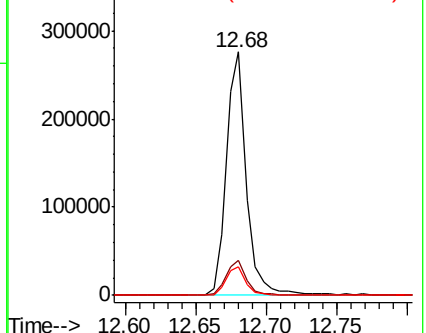
184 100

185 14.6 11.3 16.9

183 11.7 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: 40.543 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

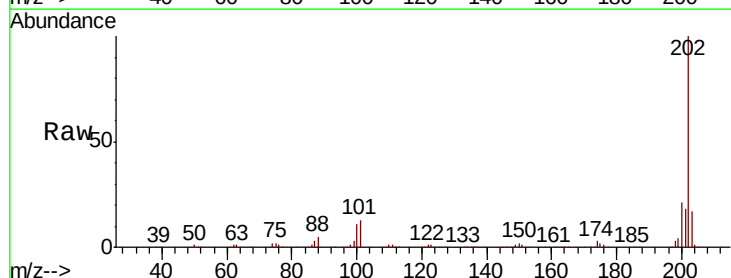
Tgt Ion:202 Resp: 709352

Ion Ratio Lower Upper

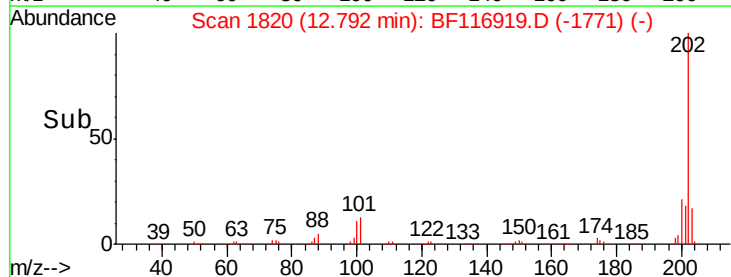
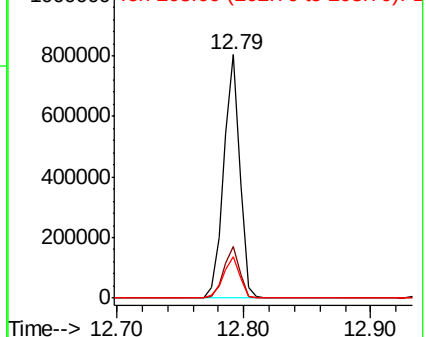
202 100

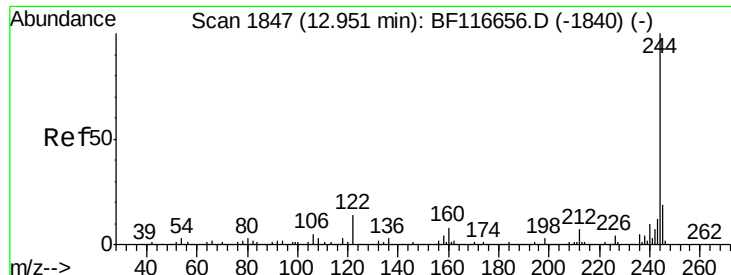
200 21.3 16.5 24.7

203 16.9 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

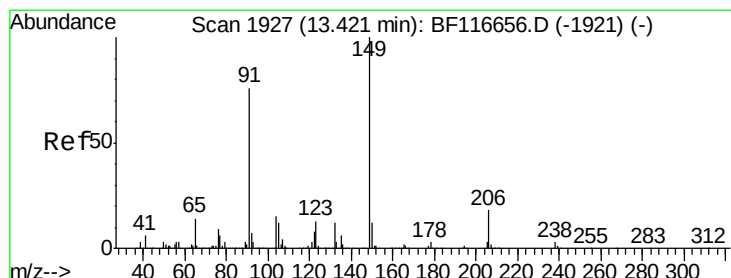
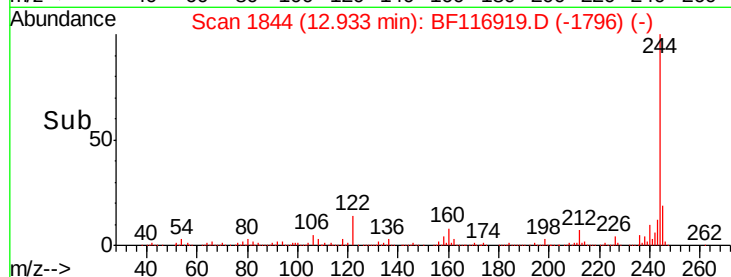
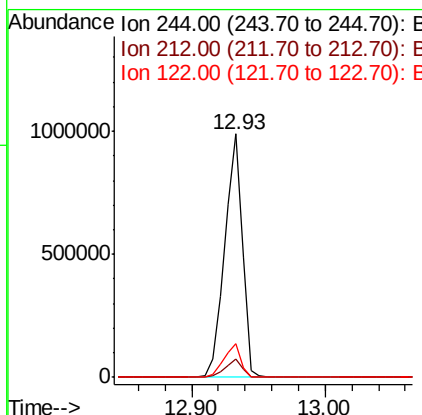
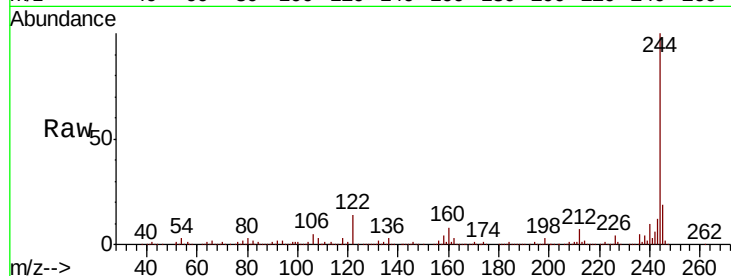




#79
 Terphenyl-d14
 Concen: 87.512 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

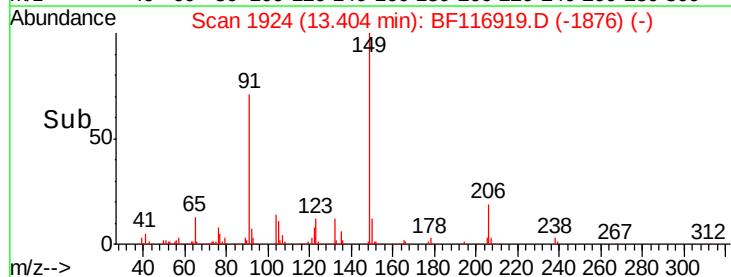
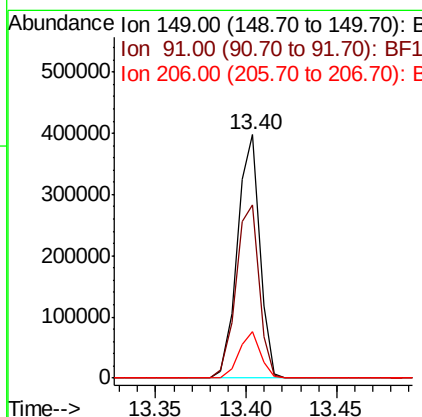
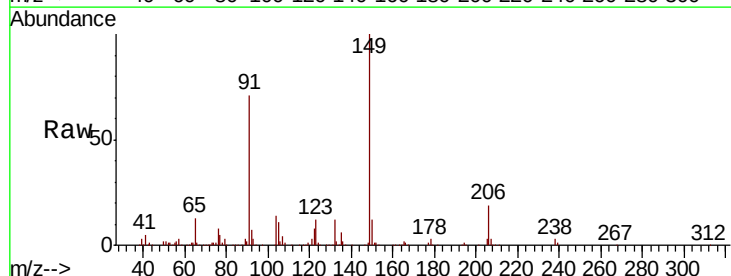
Instrument :
 BNA_F
 ClientSampleId :

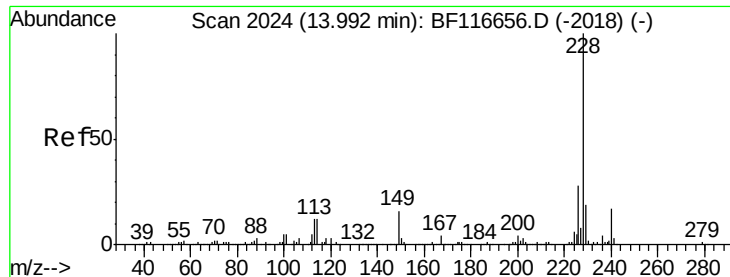
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.7	10.2	15.4



#80
 Butylbenzylphthalate
 Concen: 40.076 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	61.0	91.4
206	19.1	14.8	22.2





#81

Benzo(a)anthracene

Concen: 43.790 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

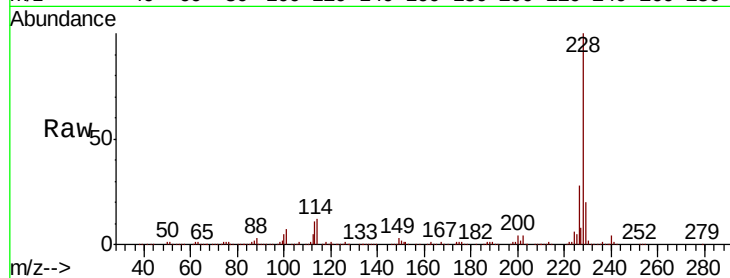
Tot Ion:228 Resp: 545478

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 19.6 16.4 24.6

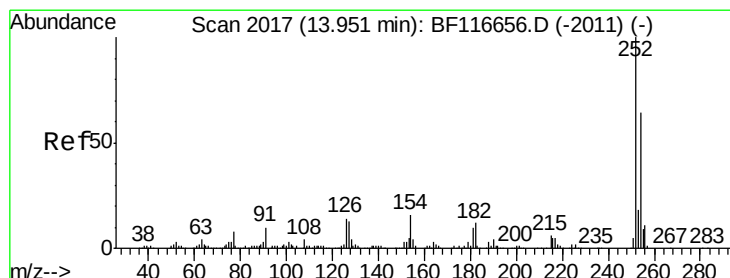
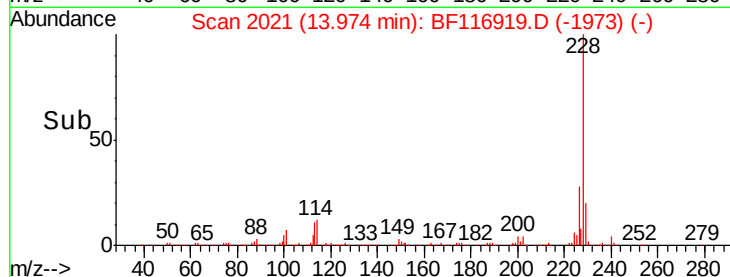
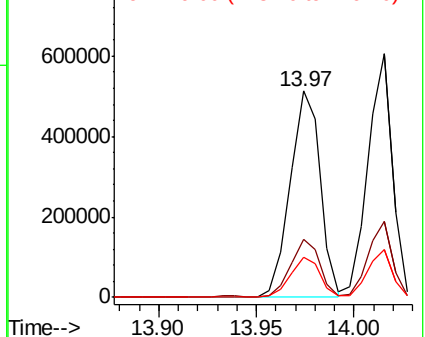


Abundance

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: 41.573 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

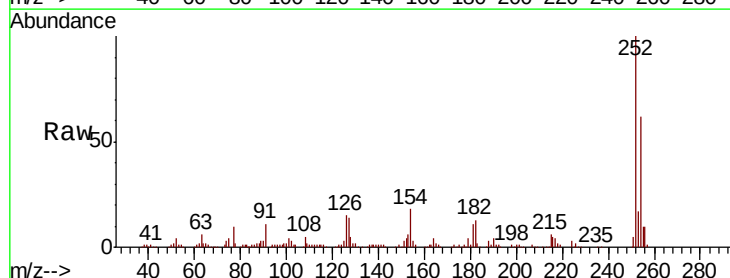
Tgt Ion:252 Resp: 175011

Ion Ratio Lower Upper

252 100

254 62.5 50.1 75.1

126 15.0 10.6 16.0

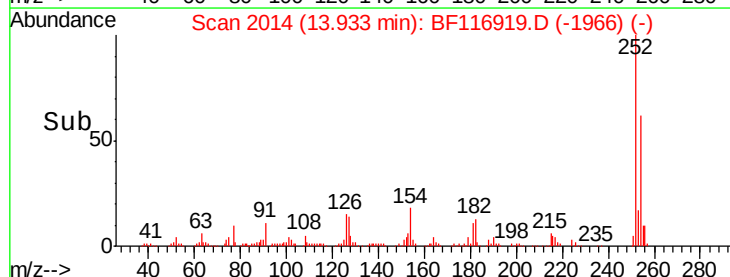
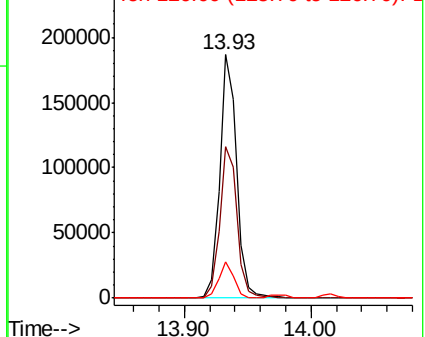


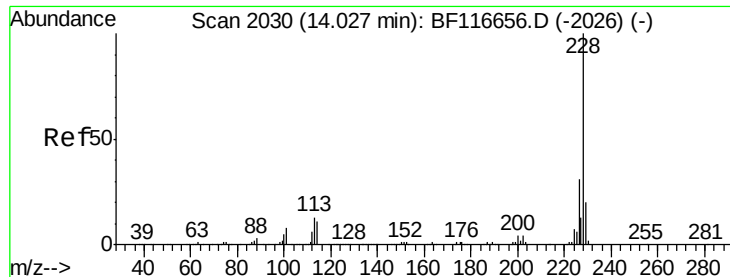
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

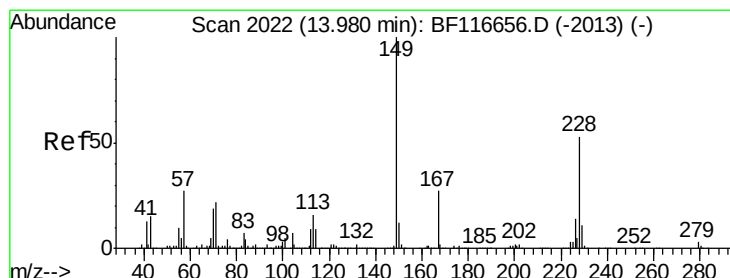
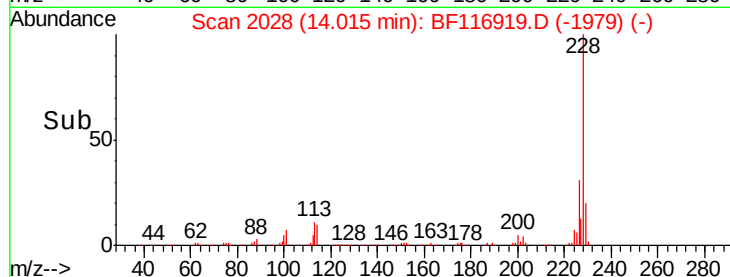
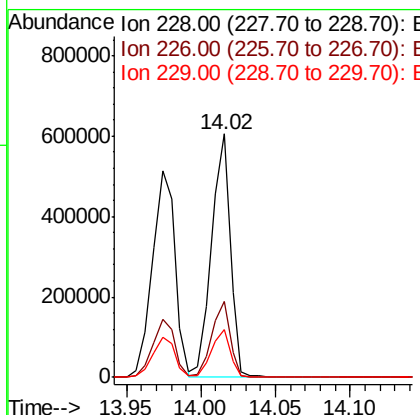
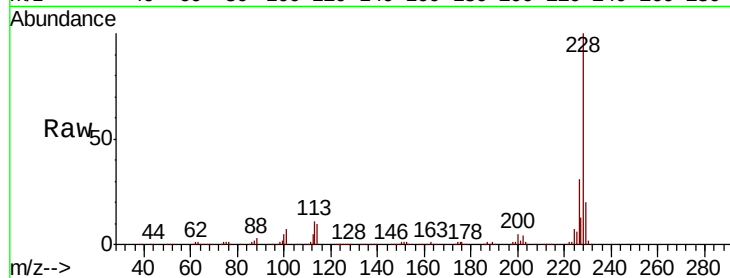




#83
 Chrysene
 Concen: 41.272 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

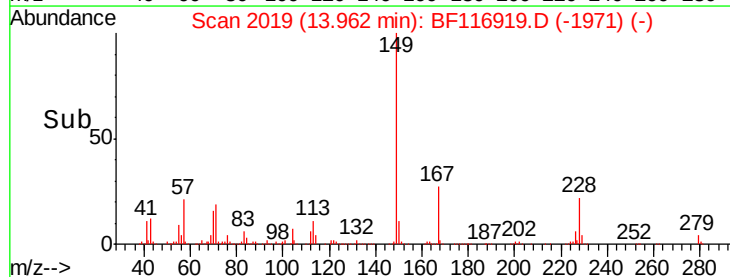
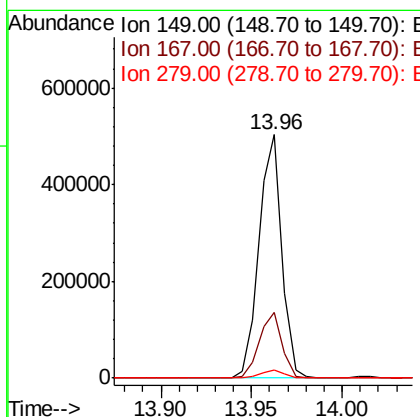
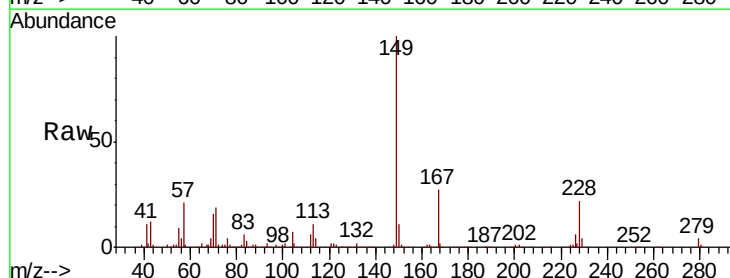
Instrument :
 BNA_F
 ClientSampleId :

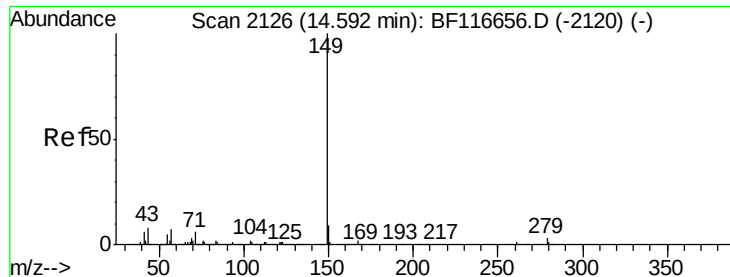
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	19.7	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.925 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.0	31.4
279	3.5	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 40.053 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

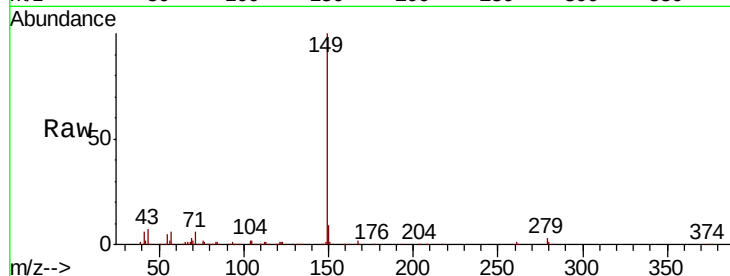
Tot Ion:149 Resp: 688424

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

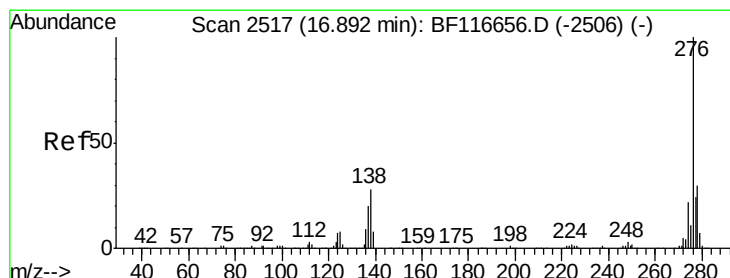
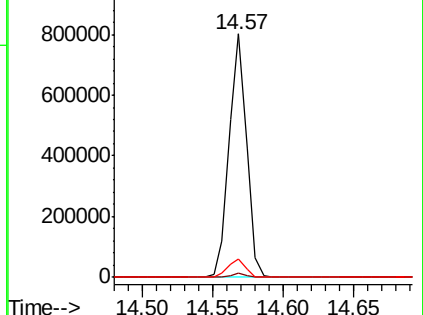
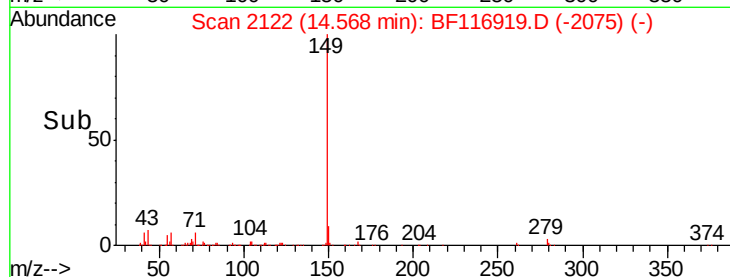
43 7.9 7.8 11.8



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: 38.588 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

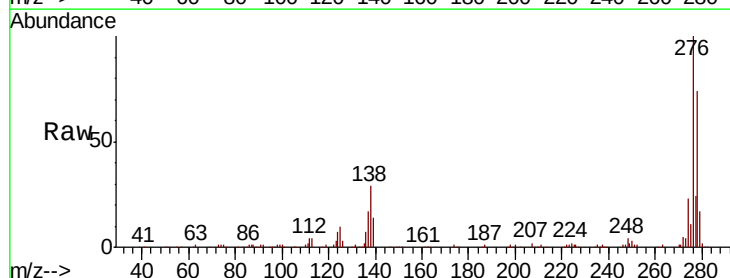
Tgt Ion:276 Resp: 397775

Ion Ratio Lower Upper

276 100

138 26.0 19.4 29.2

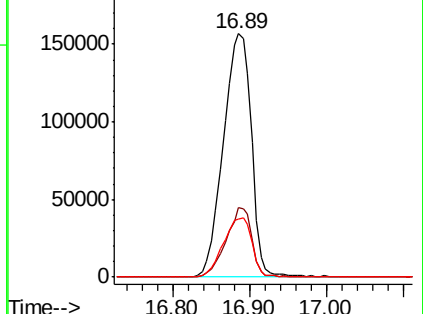
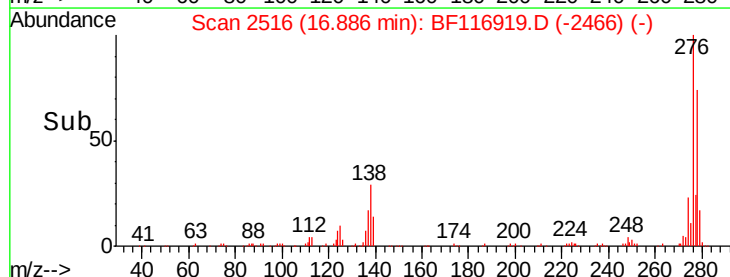
277 24.7 20.5 30.7

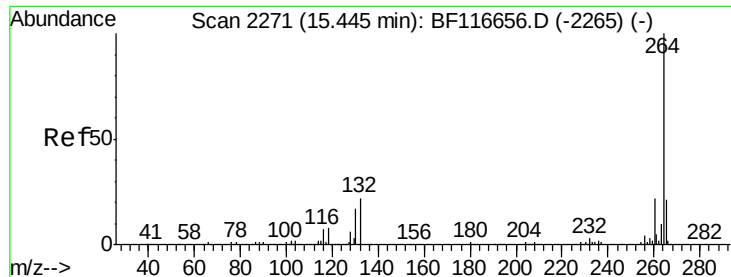


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



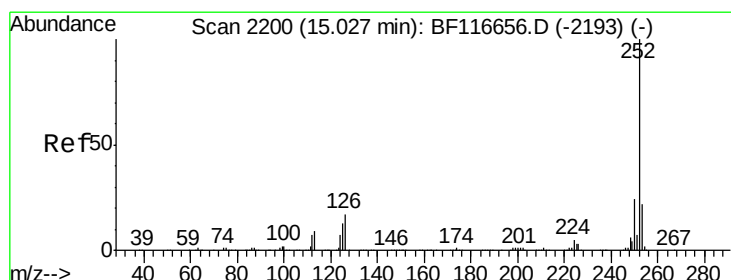
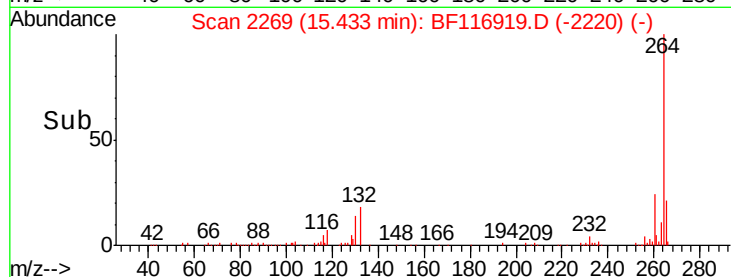
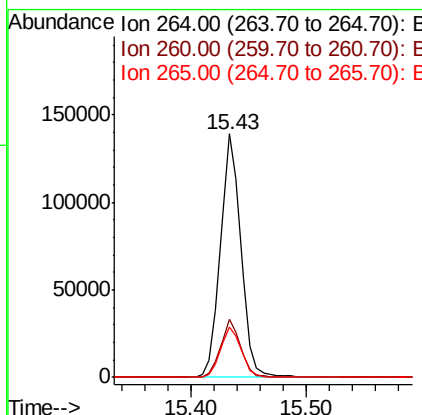
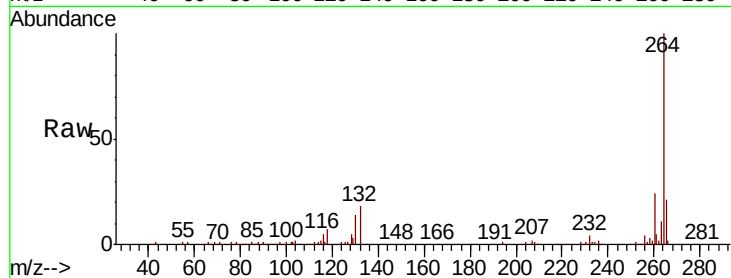


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 171641

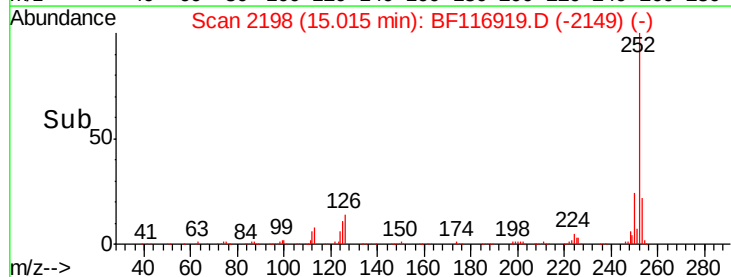
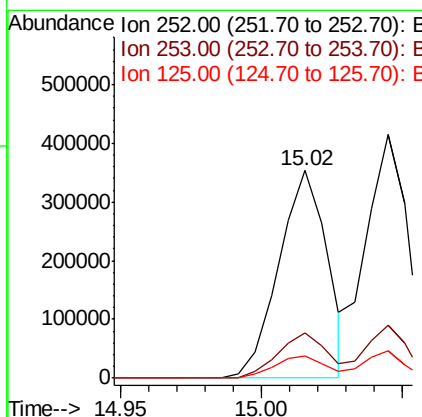
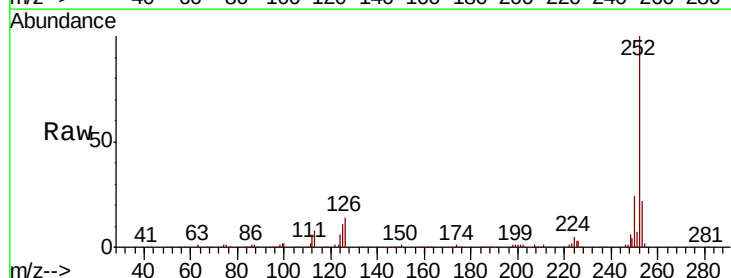
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	20.7	16.5	24.7

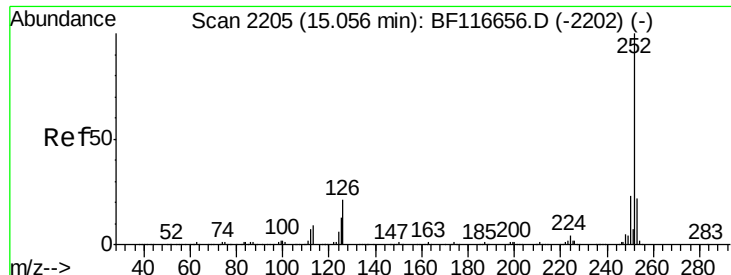


#88
Benzo(b)fluoranthene
Concen: 40.518 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:252 Resp: 420464

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.8	8.2	12.2

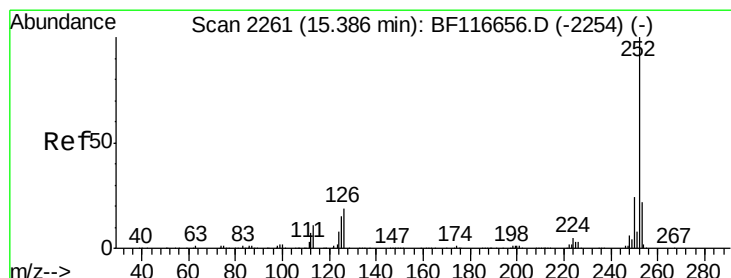
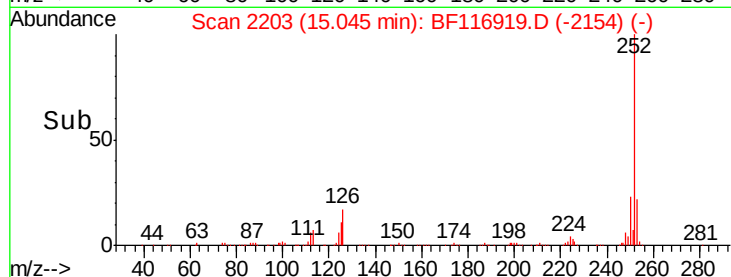
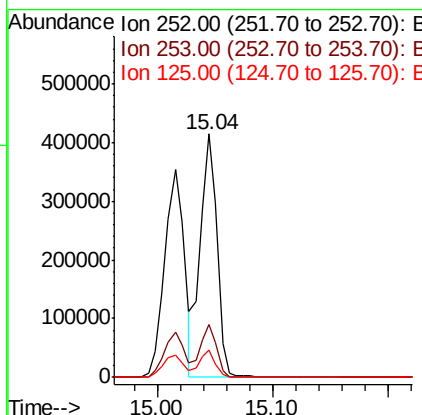
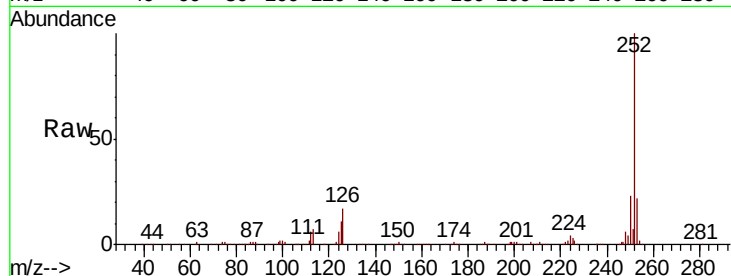




#89
Benzo(k)fluoranthene
Concen: 45.269 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

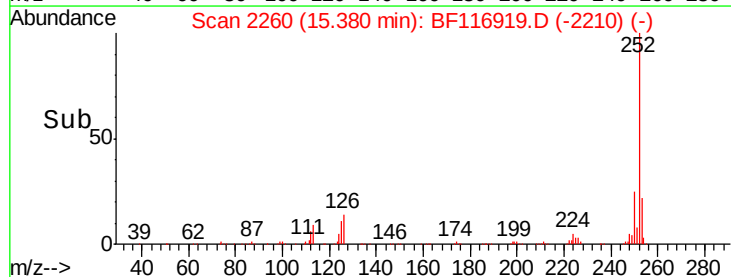
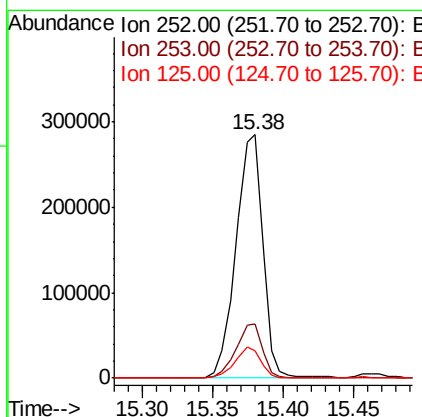
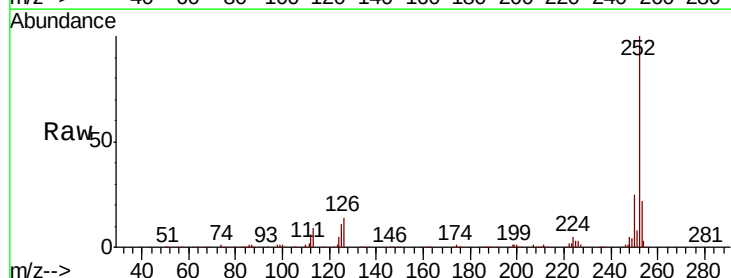
Instrument :
BNA_F
ClientSampled :

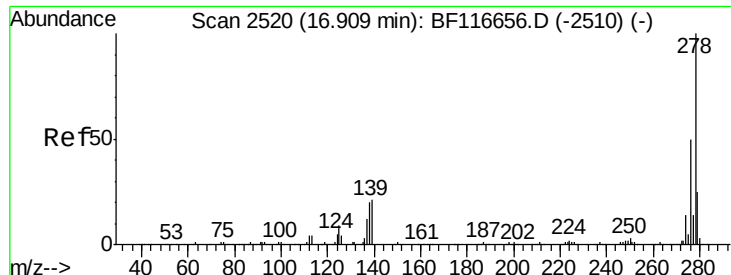
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.0	8.6	13.0



#90
Benzo(a)pyrene
Concen: 41.986 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.2	9.8	14.8

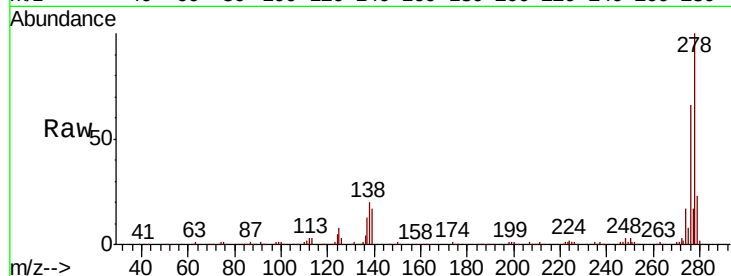




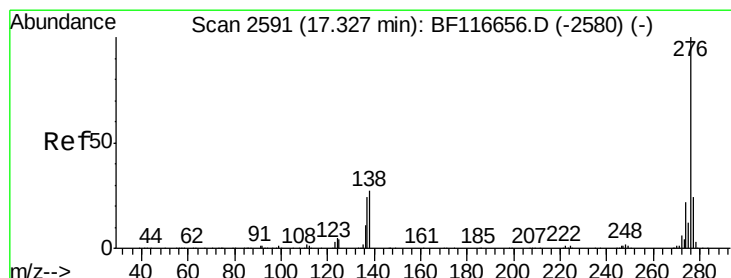
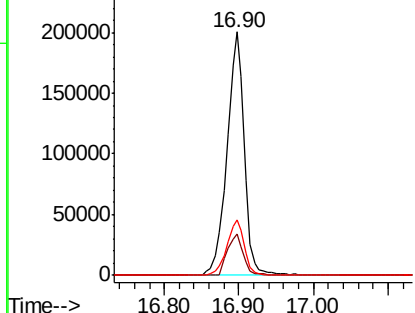
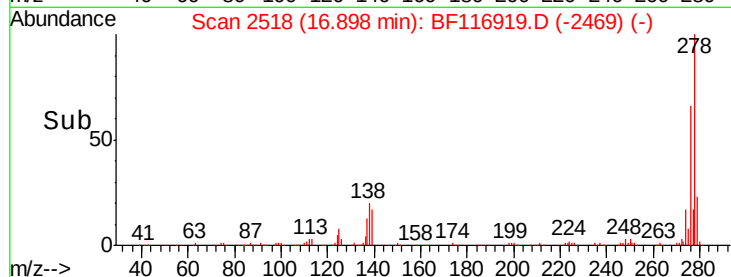
#91
Dibenzo(a,h)anthracene
Concen: 41.189 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.4	18.6
279	22.8	18.2	27.4

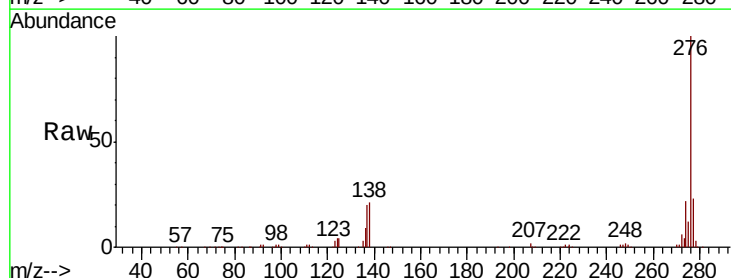


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.624 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	20.7	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

