

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118406.D
 Acq On : 31 Dec 2019 15:37
 Operator : JU
 Sample : K6465-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Manual Integrations
 APPROVED

mohammad
 1/2/2020 11:49:52 AM

Quant Time: Jan 01 07:49:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81799	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	323041	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	193046	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	328586	20.00	ng	0.00
76) Chrysene-d12	14.06	240	233655	20.00	ng	0.00
87) Perylene-d12	15.55	264	244638	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	534906	111.62	ng	0.02
7) Phenol-d6	6.50	99	706402	118.83	ng	0.01
23) Nitrobenzene-d5	7.42	82	443463	78.52	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	243495	102.14	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	857038	67.77	ng	0.00
79) Terphenyl-d14	12.99	244	957199	67.96	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	70801	37.166	ng	96
3) Pyridine	3.40	79	174382	34.358	ng	96
4) n-Nitrosodimethylamine	3.36	42	103721	49.428	ng	# 83
6) Aniline	6.52	93	238067	31.538	ng	# 74
8) 2-Chlorophenol	6.65	128	280512	51.686	ng	99
9) Benzaldehyde	6.40	77	144619	41.495	ng	96
10) Phenol	6.51	94	318983	47.741	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	227179	47.543	ng	97
12) 1,3-Dichlorobenzene	6.79	146	269495	43.115	ng	96
13) 1,4-Dichlorobenzene	6.87	146	289914	45.664	ng	98
14) 1,2-Dichlorobenzene	7.02	146	274771	45.841	ng	100
15) Benzyl Alcohol	7.00	79	224176	49.529	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	230201	45.147	ng	78
17) 2-Methylphenol	7.12	107	210880	48.445	ng	93
18) Hexachloroethane	7.36	117	107136	45.979	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	176465	48.187	ng	95
20) 3+4-Methylphenols	7.27	107	270696	48.588	ng	96
22) Acetophenone	7.26	105	364226	46.003	ng	# 95
24) Nitrobenzene	7.44	77	267300	47.244	ng	98
25) Isophorone	7.68	82	481698	48.936	ng	98
26) 2-Nitrophenol	7.76	139	140579	46.910	ng	91
27) 2,4-Dimethylphenol	7.80	122	223184	54.585	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	283244	43.999	ng	99
29) 2,4-Dichlorophenol	8.00	162	216079	45.914	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	241877	44.121	ng	96
31) Naphthalene	8.16	128	771115	46.965	ng	100
32) Benzoic acid	7.95	122	122058	36.847	ng	96
33) 4-Chloroaniline	8.22	127	111955	15.906	ng	98
34) Hexachlorobutadiene	8.27	225	144371	44.240	ng	97
35) Caprolactam	8.60	113	73710m	50.168	ng	
36) 4-Chloro-3-methylphenol	8.71	107	245446	48.577	ng	97
37) 2-Methylnaphthalene	8.86	142	557510	49.594	ng	99
38) 1-Methylnaphthalene	8.96	142	517616	48.873	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	236493	40.773	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	145573	61.905	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	162683	41.983	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	169921	42.628	nq	98
46) 1,1'-Biphenyl	9.32	154	657644	43.071	nq	99
47) 2-Chloronaphthalene	9.35	162	515928	41.983	nq	98
48) 2-Nitroaniline	9.45	65	155584	44.823	nq	97
49) Acenaphthylene	9.77	152	801470	43.975	nq	99
50) Dimethylphthalate	9.62	163	715063	49.346	nq	99
51) 2,6-Dinitrotoluene	9.69	165	141783	45.384	nq	95
52) Acenaphthene	9.94	154	503569	45.361	nq	98
53) 3-Nitroaniline	9.86	138	84174	22.956	nq	91
54) 2,4-Dinitrophenol	9.99	184	110909	71.031	nq	95
55) Dibenzofuran	10.11	168	765924	46.693	nq	95
56) 4-Nitrophenol	10.05	139	187312	82.748	nq	99
57) 2,4-Dinitrotoluene	10.10	165	190022	45.520	nq	# 81
58) Fluorene	10.46	166	576876	43.565	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	150484	44.431	nq	99
60) Diethylphthalate	10.32	149	599351	41.808	nq	98
61) 4-Chlorophenyl-phenylether	10.45	204	279498	42.282	nq	98
62) 4-Nitroaniline	10.49	138	138697	36.411	nq	90
63) Azobenzene	10.60	77	557985	45.441	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	84700	47.783	nq	96
66) n-Nitrosodiphenylamine	10.57	169	510553	48.480	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	180817	47.022	nq	92
68) Hexachlorobenzene	11.01	284	202106	44.651	nq	98
69) Atrazine	11.10	200	180176	55.435	nq	99
70) Pentachlorophenol	11.21	266	160262	81.754	nq	99
71) Phenanthrene	11.43	178	903439	50.435	nq	99
72) Anthracene	11.47	178	888014	49.528	nq	98
73) Carbazole	11.63	167	747162	46.963	nq	99
74) Di-n-butylphthalate	11.95	149	976811	48.422	nq	99
75) Fluoranthene	12.62	202	1027137	56.817	nq	99
77) Benzidine	12.74	184	394514	61.621	nq	97
78) Pyrene	12.85	202	1023033	53.617	nq	99
80) Butylbenzylphthalate	13.46	149	414312	48.225	nq	93
81) Benzo(a)anthracene	14.04	228	784161	47.946	nq	97
82) 3,3'-Dichlorobenzidine	14.00	252	174584	31.483	nq	98
83) Chrysene	14.09	228	661914	42.267	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	621032	54.974	nq	99
85) Di-n-octyl phthalate	14.63	149	936464	56.355	nq	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	766895	57.473	nq	99
88) Benzo(b)fluoranthene	15.12	252	740380	45.593	nq	99
89) Benzo(k)fluoranthene	15.14	252	652876	41.872	nq	98
90) Benzo(a)pyrene	15.49	252	639613	44.712	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	631977	50.909	nq	97
92) Benzo(g,h,i)perylene	17.53	276	642863	53.609	nq	98

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

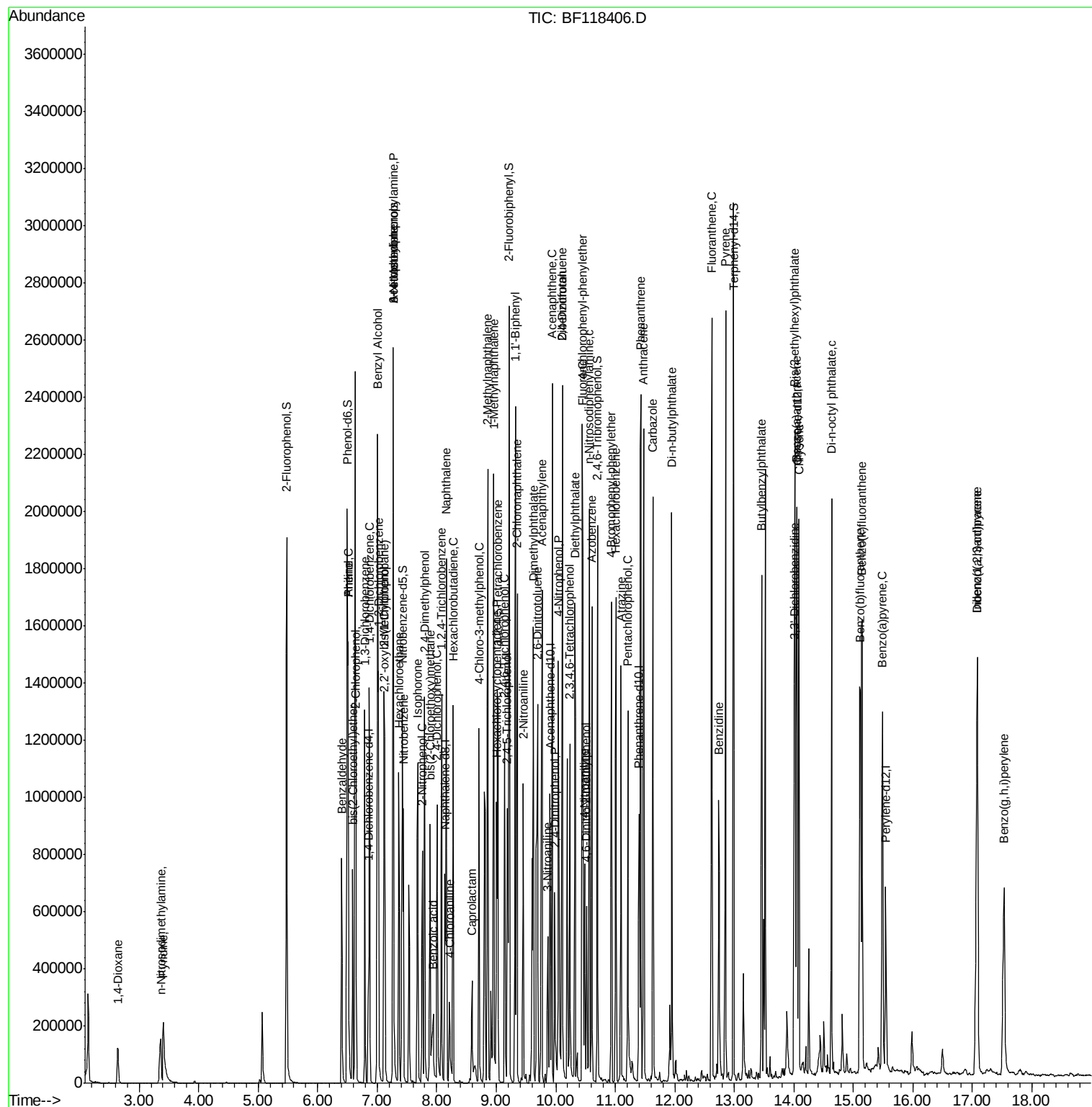
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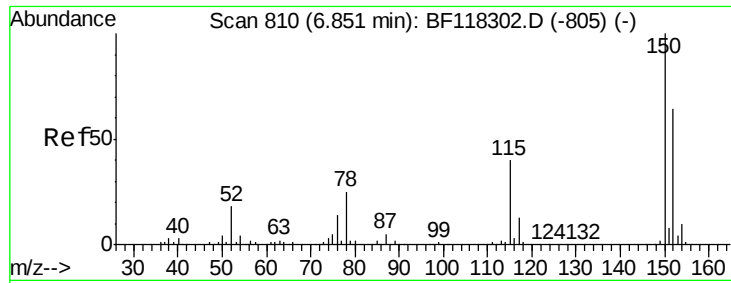
Instrument :
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 ClientSampled :
 GP-9-(8-10)MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion:152 Resp: 81799

Ion Ratio Lower Upper

152 100

150 162.4 125.4 188.2

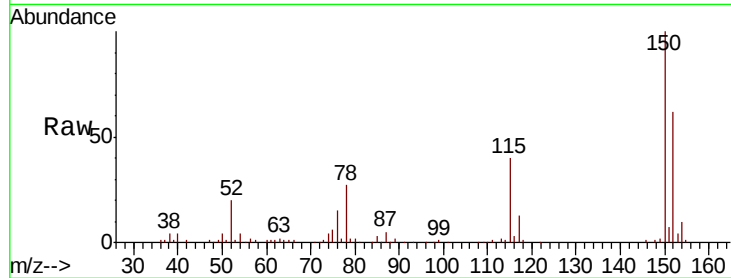
115 64.8 50.2 75.4

Manual Integrations

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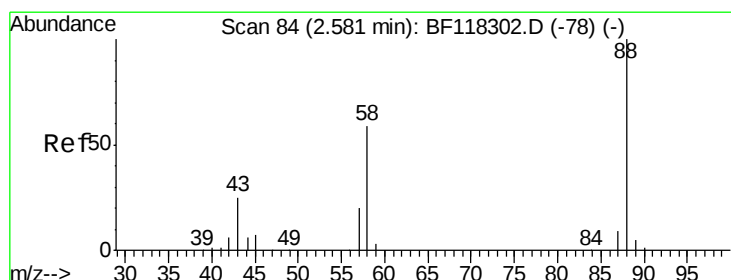
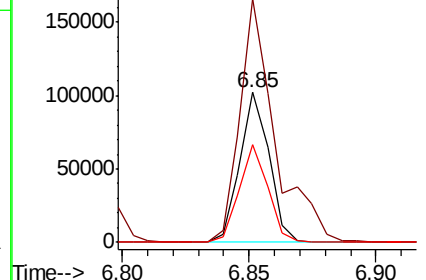
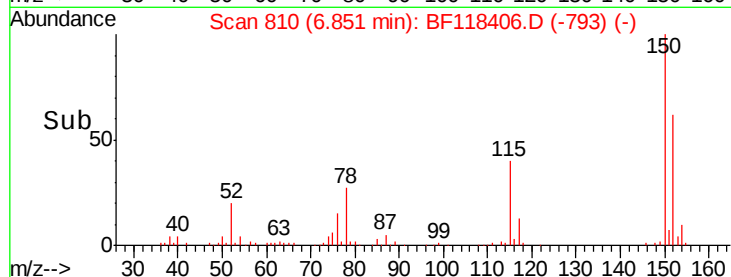
1/2/2020 11:49:52 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.166 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

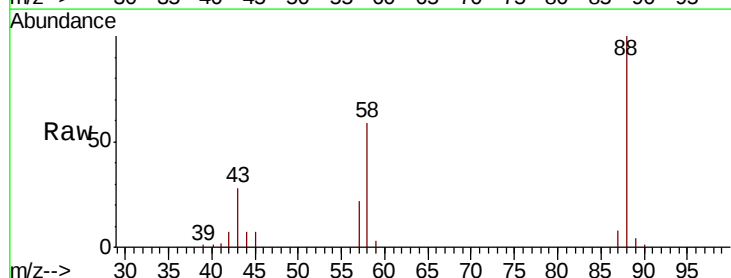
Tgt Ion: 88 Resp: 70801

Ion Ratio Lower Upper

88 100

58 60.4 47.6 71.4

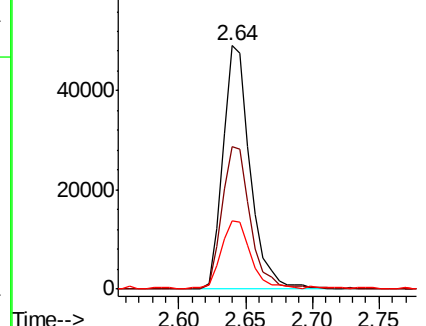
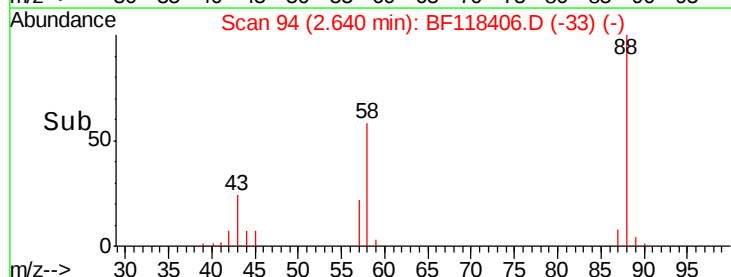
43 30.6 20.6 30.8

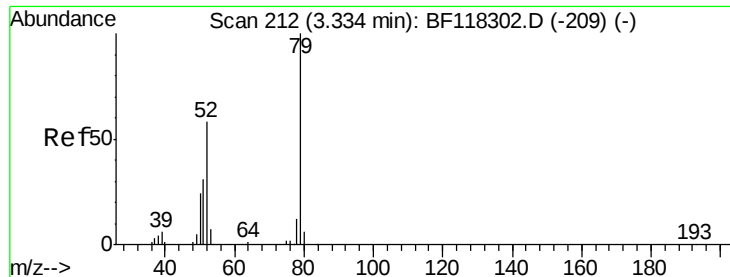


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.358 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

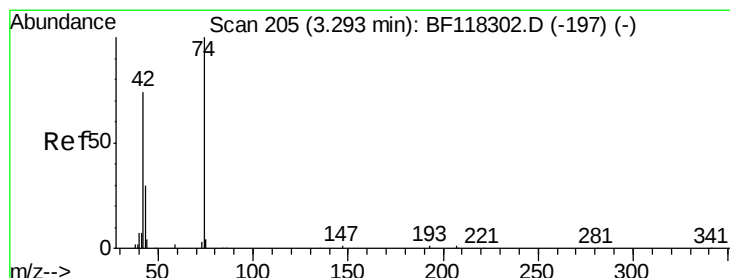
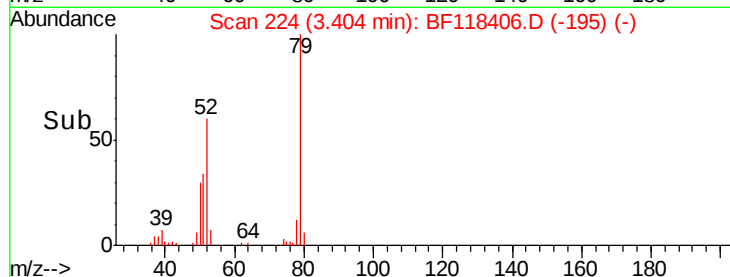
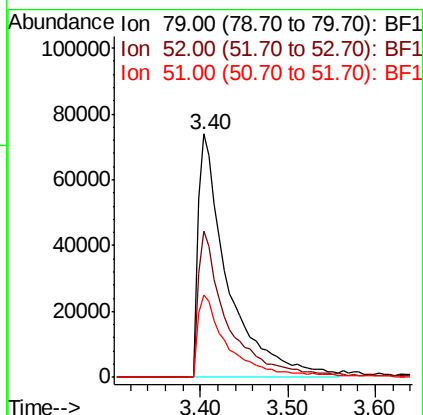
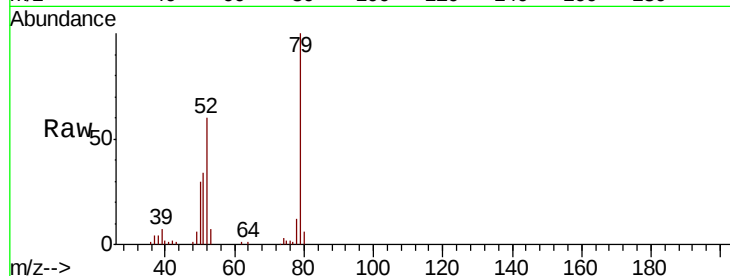
ClientSampleId :

GP-9-(8-10)MS

Tot Ion:	79	Resp:	174382
Ion	Ratio	Lower	Upper
79	100		
52	60.0	46.4	69.6
51	34.0	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 49.428 ng

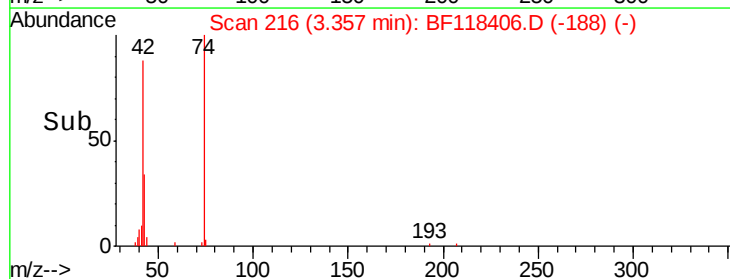
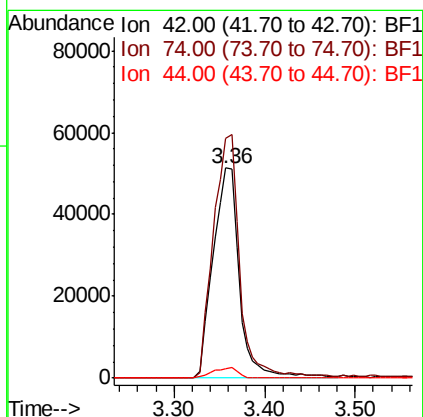
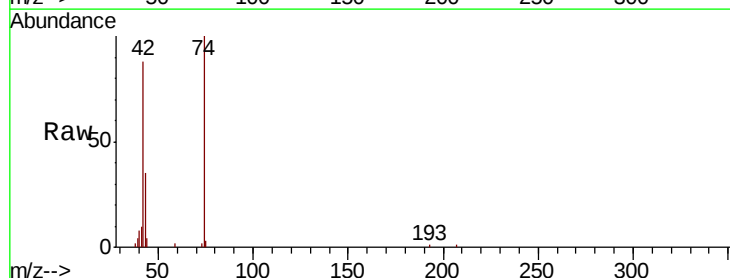
RT: 3.36 min Scan# 216

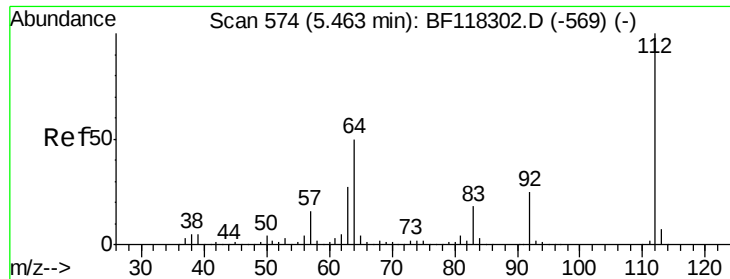
Delta R.T. 0.06 min

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Tgt Ion:	42	Resp:	103721
Ion	Ratio	Lower	Upper
42	100		
74	113.8	107.7	161.5
44	4.6	4.8	7.2#





#5

2-Fluorophenol

Concen: 111.625 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

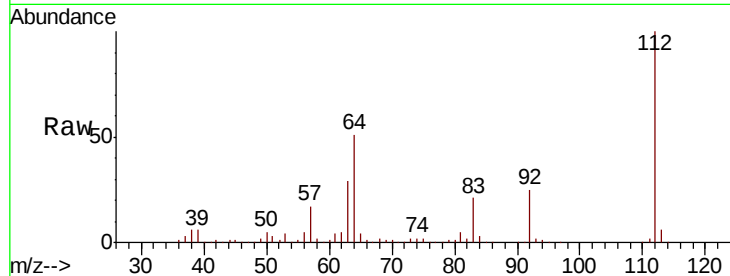
ClientSampled :

GP-9-(8-10)MS

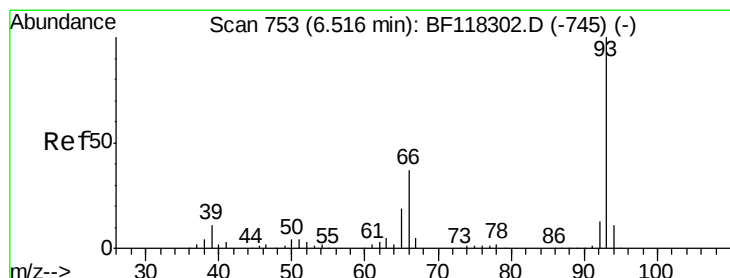
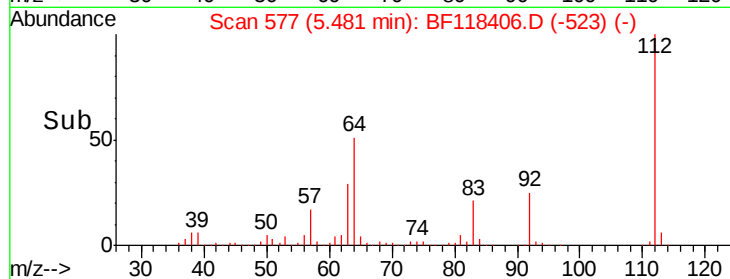
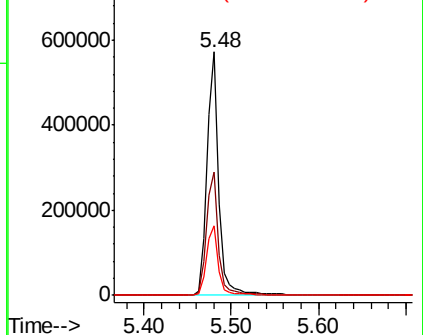
Tot Ion:	112	Resp:	534906
Ion Ratio	Lower	Upper	
112	100		
64	50.5	39.7	59.5
63	28.7	21.7	32.5

Manual Integrations
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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: 31.538 ng

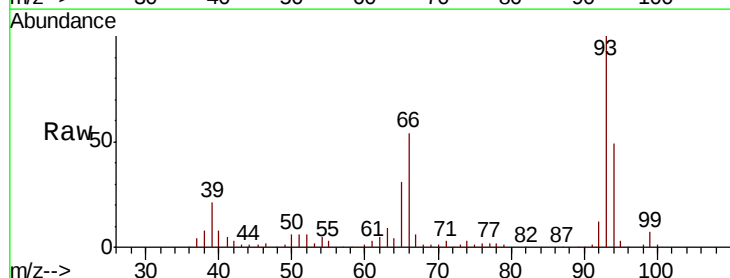
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

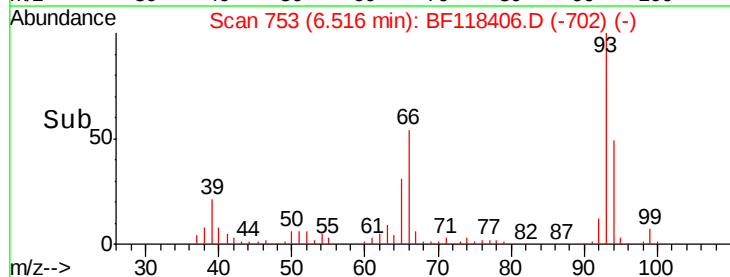
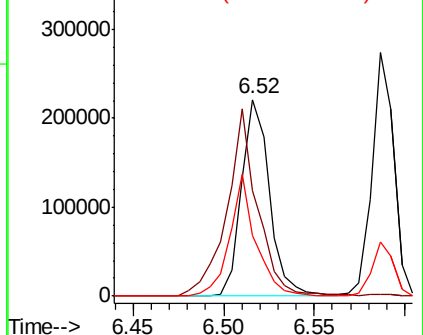
Lab File: BF118406.D

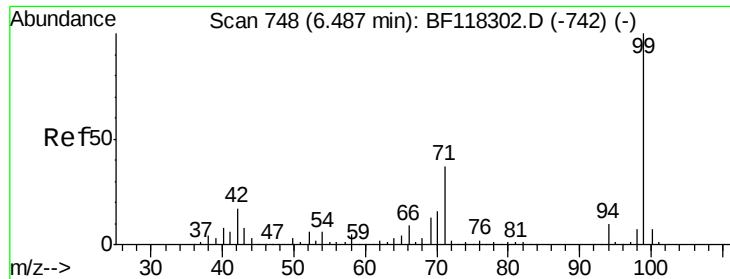
Acq: 31 Dec 2019 15:37

Tgt Ion:	93	Resp:	238067
Ion Ratio	Lower	Upper	
93	100		
66	53.6	30.2	45.4#
65	30.6	15.7	23.5#



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: 118.831 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

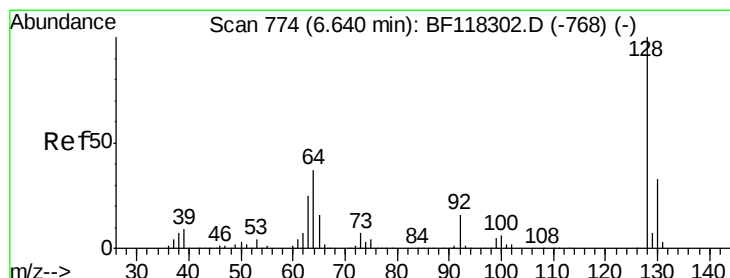
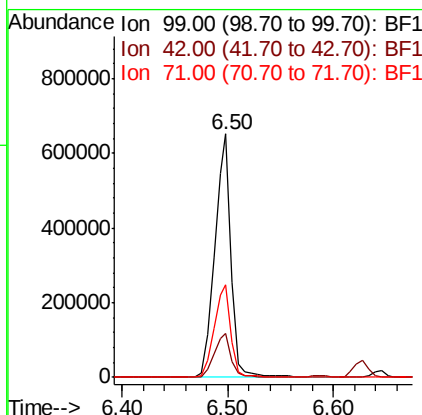
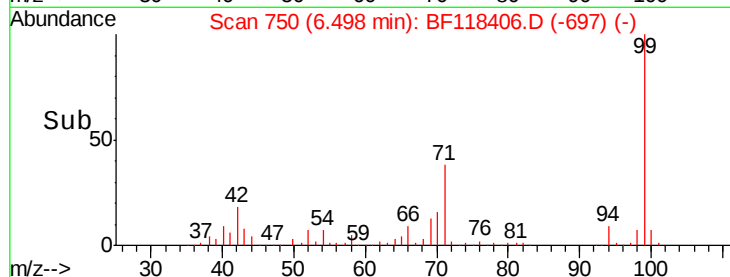
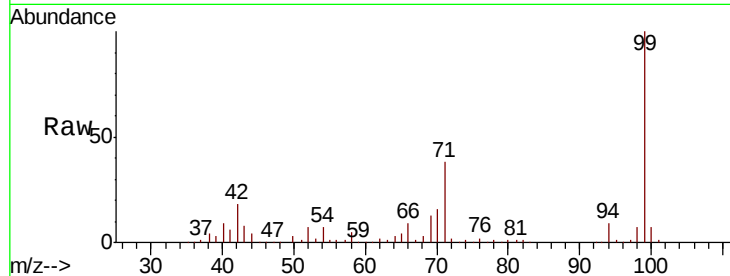
ClientSampleId :

GP-9-(8-10)MS

Tot Ion:	99	Resp:	706402
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	38.0	29.4	44.2

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#8

2-Chlorophenol

Concen: 51.686 ng

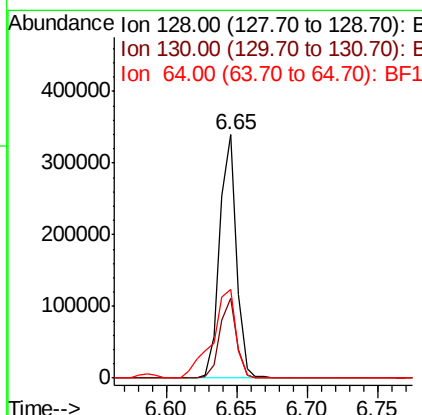
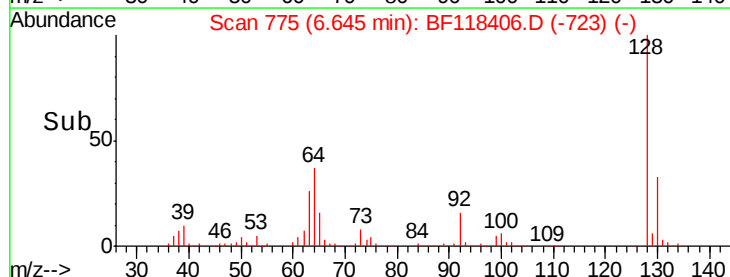
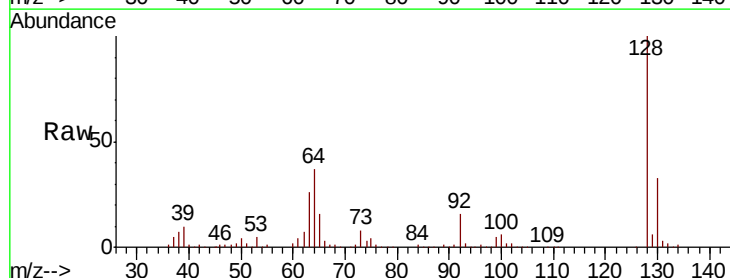
RT: 6.65 min Scan# 775

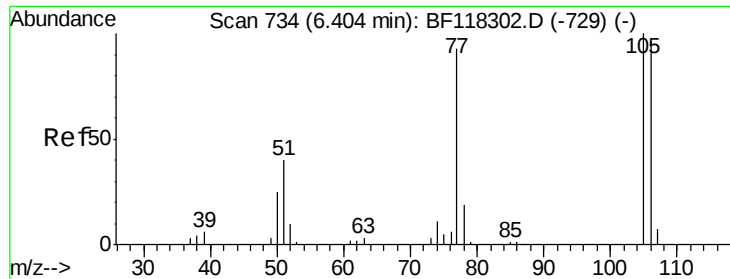
Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:	128	Resp:	280512
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.2	53.2
64	36.6	17.7	57.7





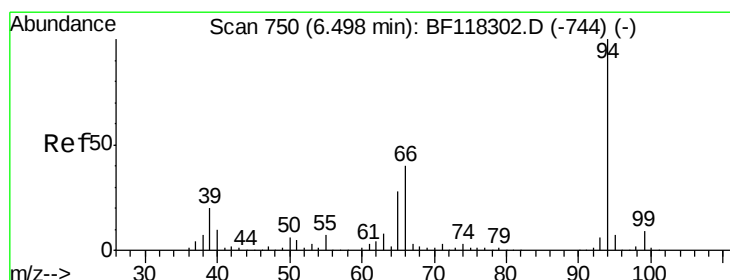
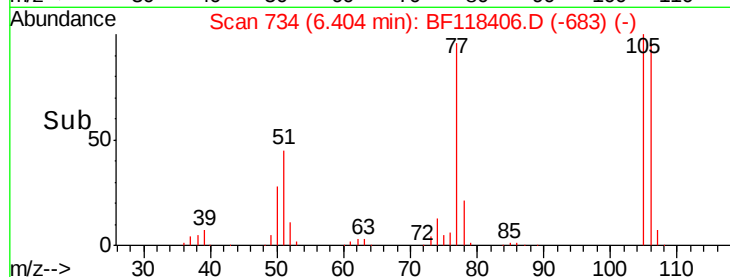
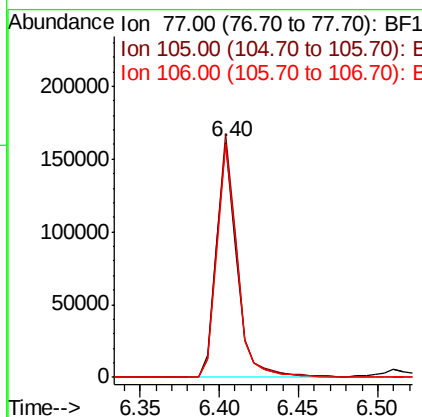
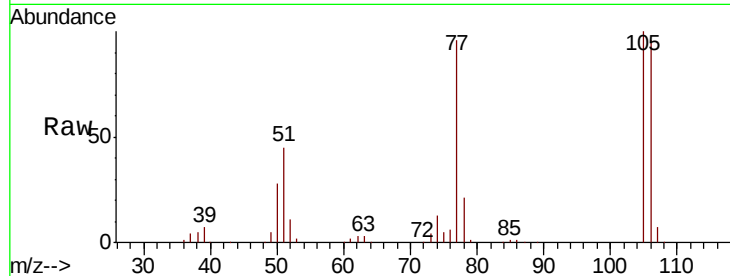
#9
Benzaldehyde
Concen: 41.495 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	87.5	127.5
106	99.2	83.6	123.6

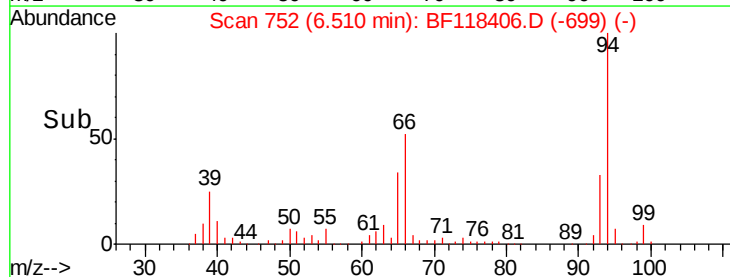
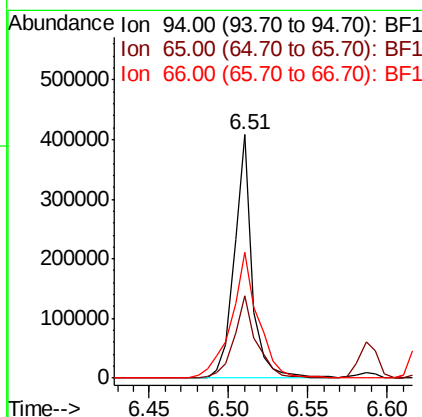
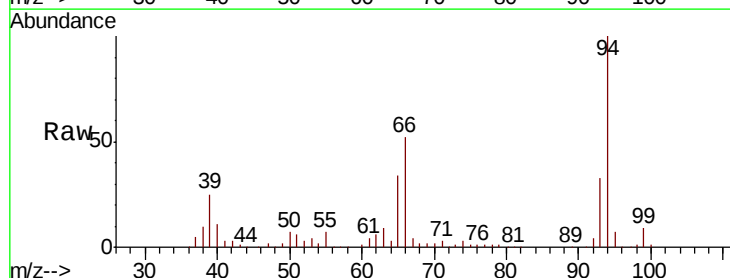
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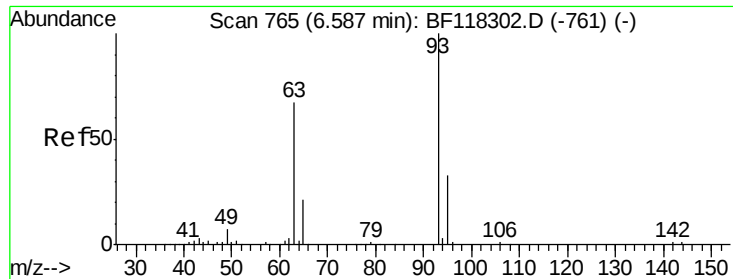
mohammad
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#10
Phenol
Concen: 47.741 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.8	47.8
66	51.7	20.4	60.4





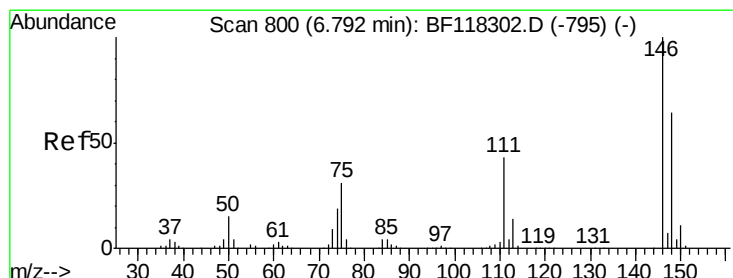
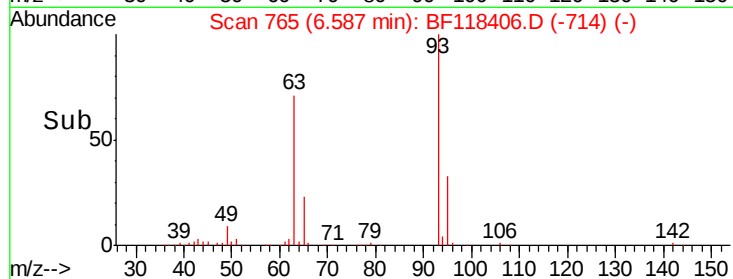
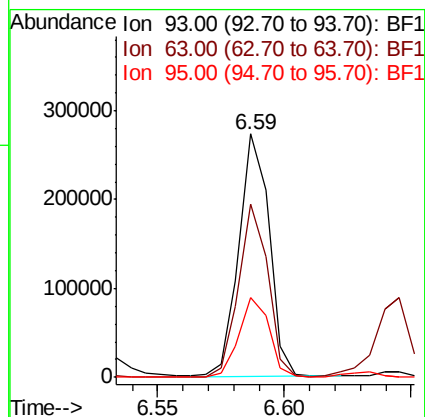
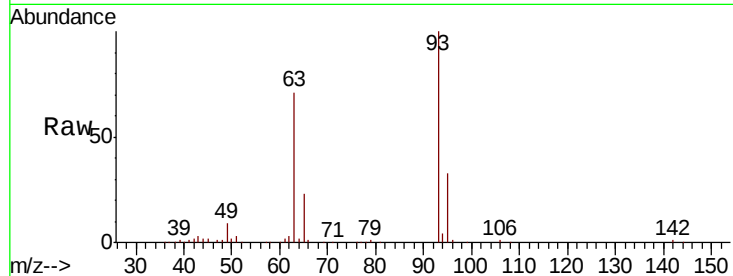
#11
bis(2-Chloroethyl)ether
Concen: 47.543 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	71.1	47.0	87.0	
95	32.9	12.8	52.8	

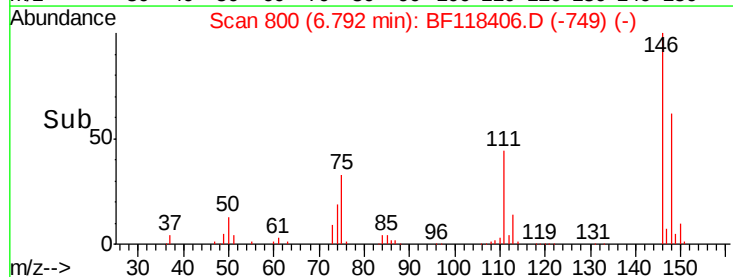
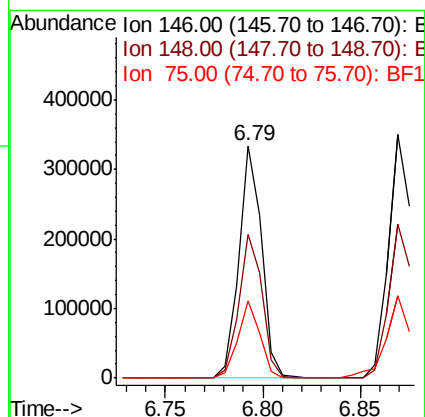
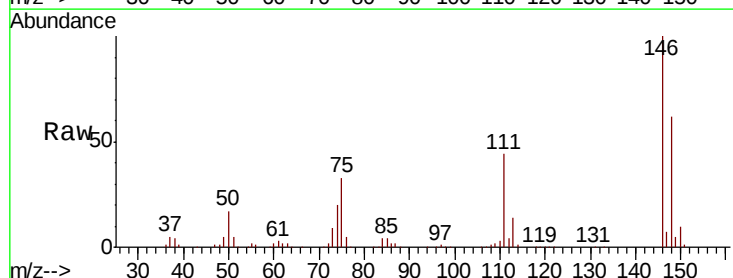
Manual Integrations
APPROVED

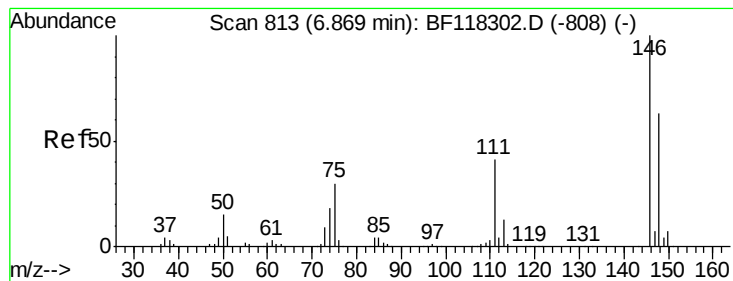
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.115 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	61.9	51.4	77.0	
75	33.0	24.4	36.6	





#13

1,4-Dichlorobenzene

Concen: 45.664 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

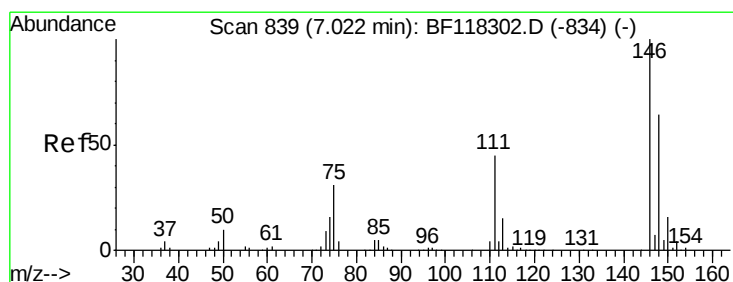
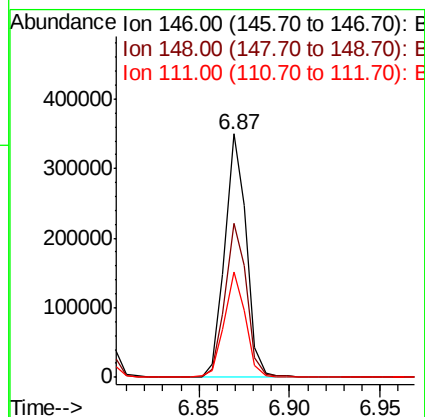
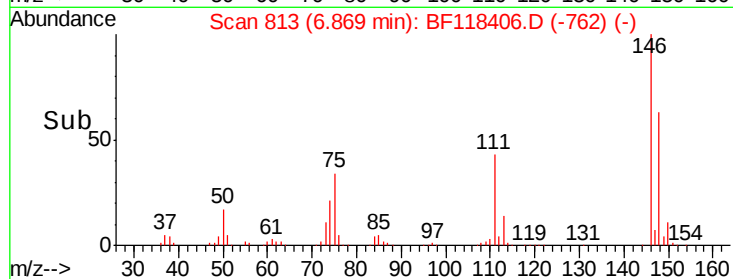
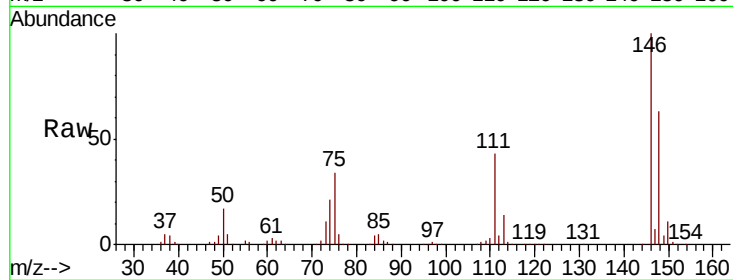
ClientSampleId :

GP-9-(8-10)MS

Tot Ion:	146	Resp:	289914
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.3	75.5
111	43.1	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 45.841 ng

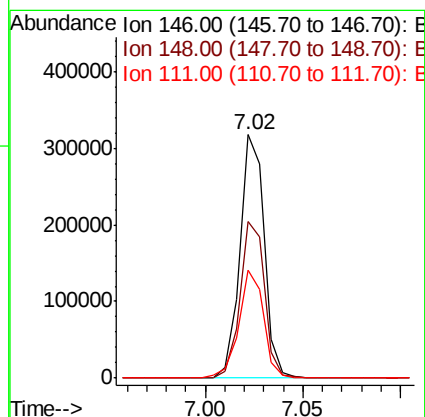
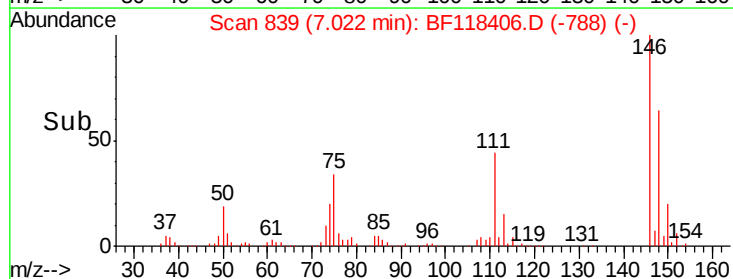
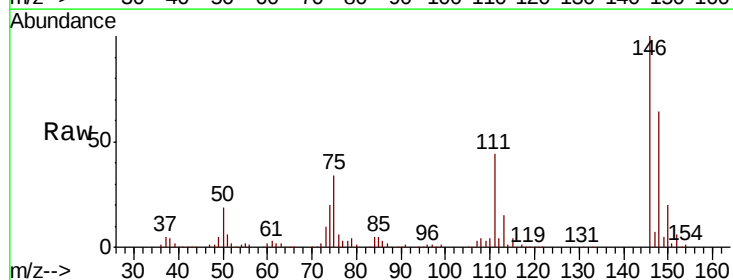
RT: 7.02 min Scan# 839

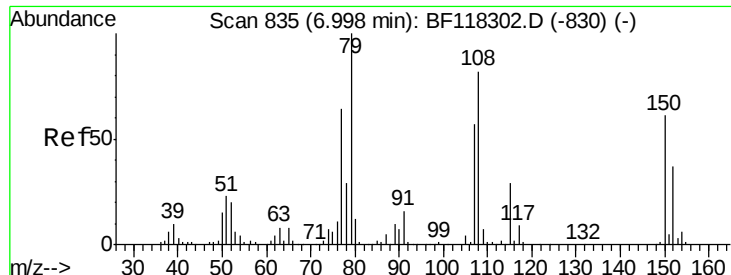
Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:	146	Resp:	274771
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.3	76.9
111	44.3	35.7	53.5





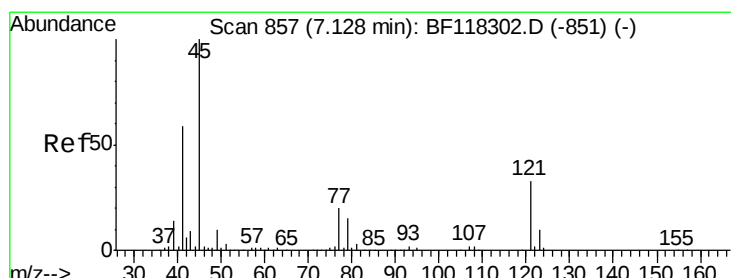
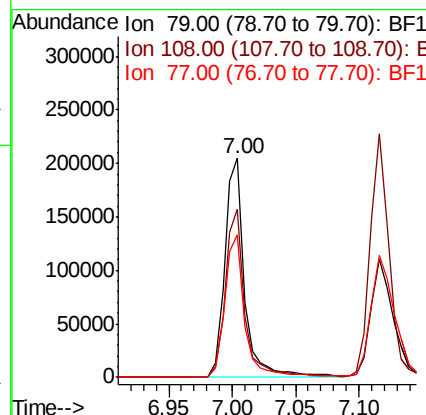
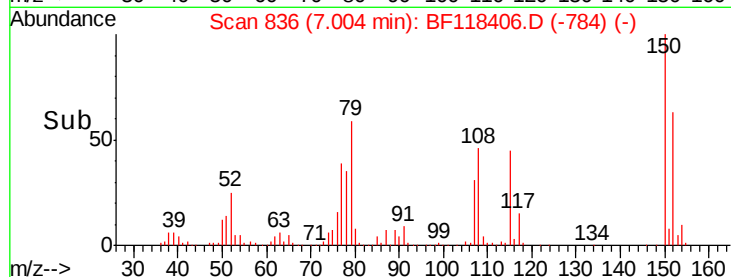
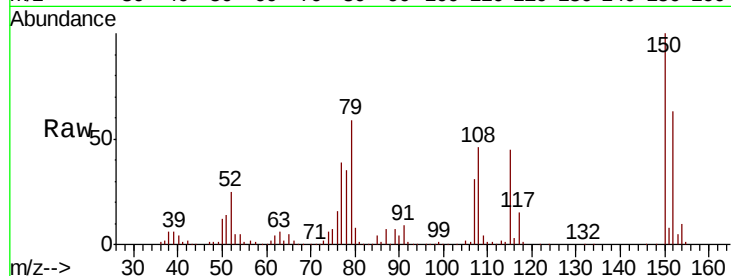
#15
Benzyl Alcohol
Concen: 49.529 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	65.4	98.0
77	65.1	51.4	77.0

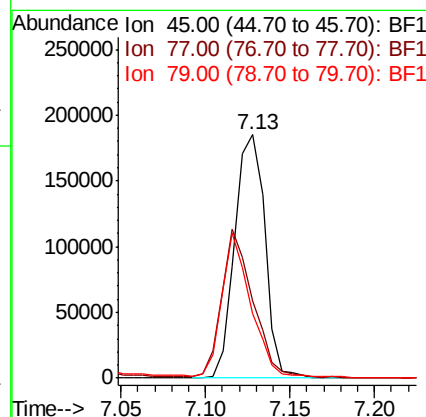
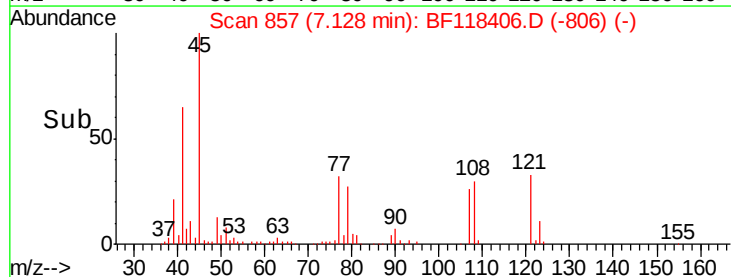
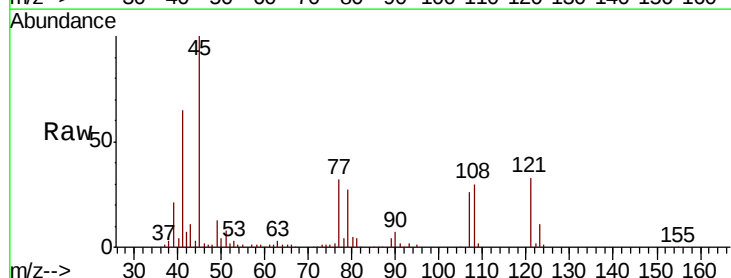
Manual Integrations
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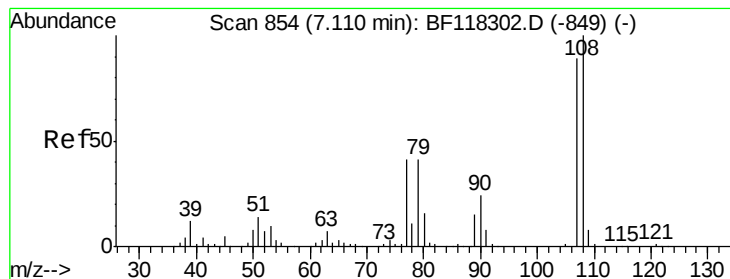
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.147 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.5	1.2	41.2
79	26.5	0.0	37.0





#17

2-Methylphenol

Concen: 48.445 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion:107 Resp: 210880

Ion Ratio Lower Upper

107 100

108 108.3 89.7 134.5

77 54.1 37.2 55.8

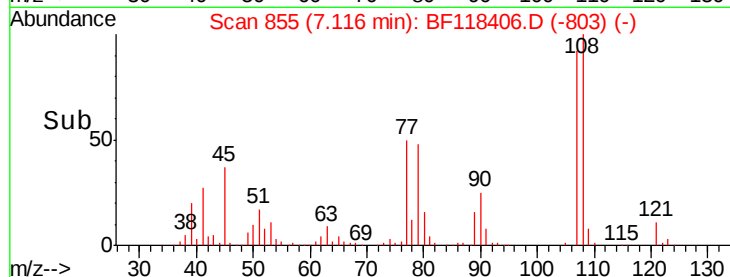
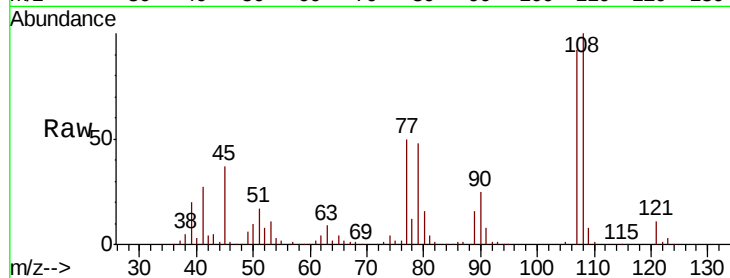
79 52.5 36.7 55.1

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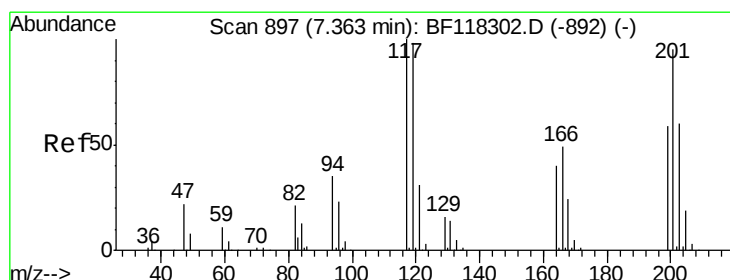
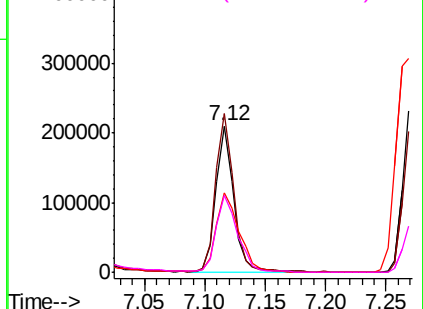


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.979 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

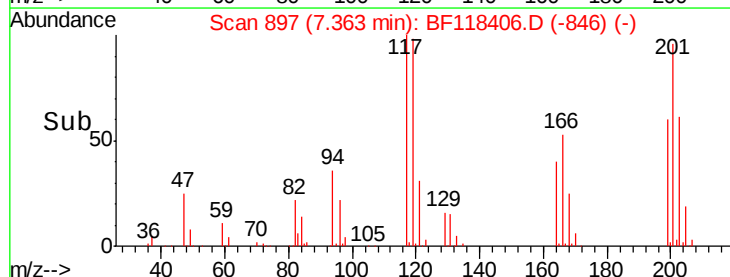
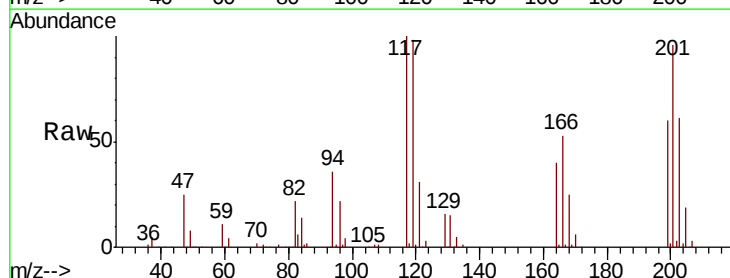
Tgt Ion:117 Resp: 107136

Ion Ratio Lower Upper

117 100

119 98.0 78.0 117.0

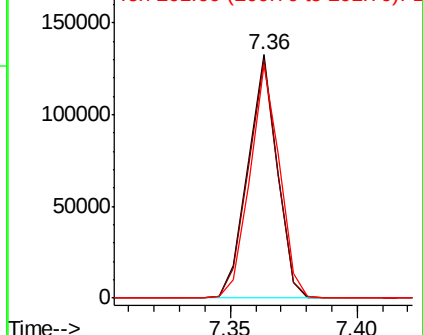
201 95.9 76.2 114.2

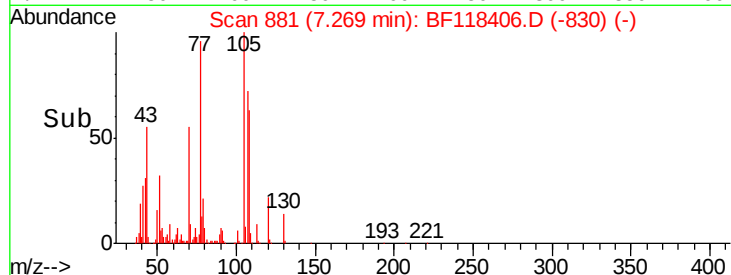
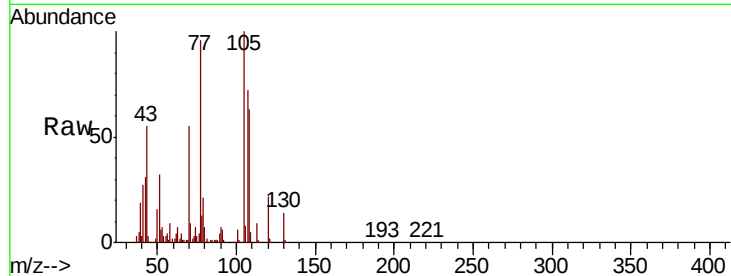
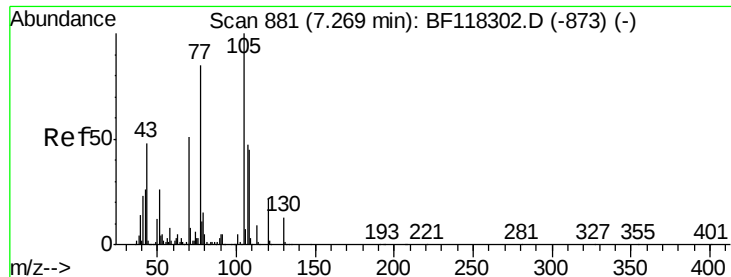


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





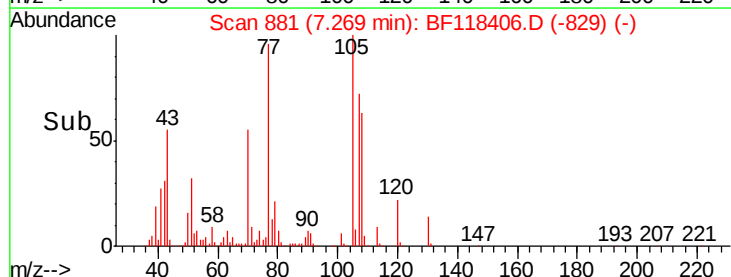
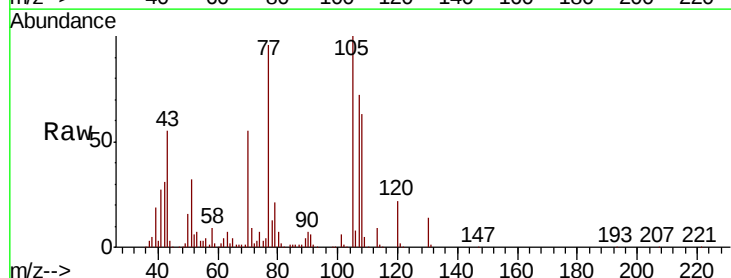
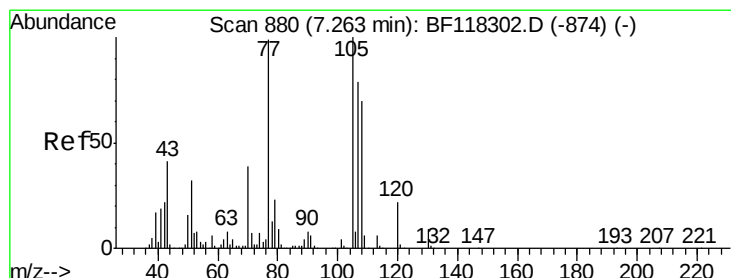
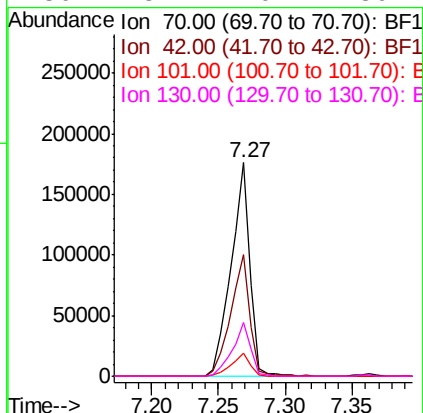
#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	41.1	61.7
101	10.7	8.3	12.5
130	25.2	20.1	30.1

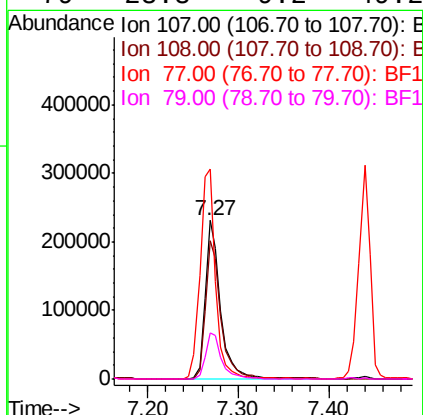
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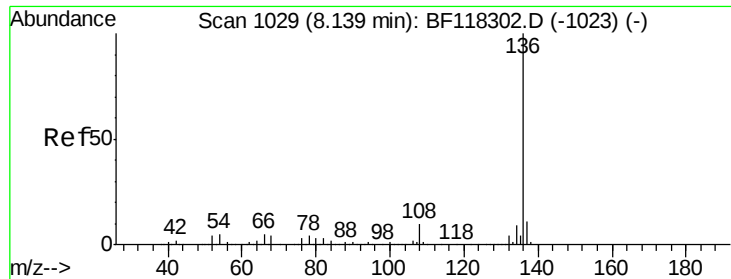
mohammad
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#20
3+4-Methylphenols
Concen: 48.588 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.3	109.3
77	132.5	105.9	145.9
79	28.8	9.2	49.2





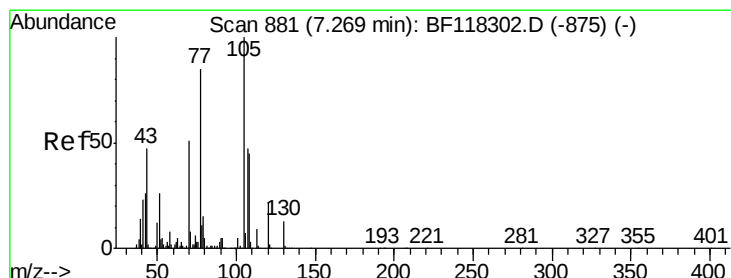
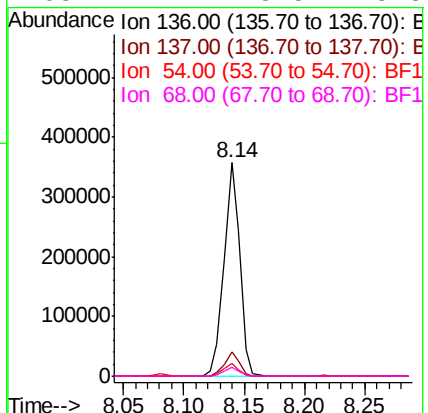
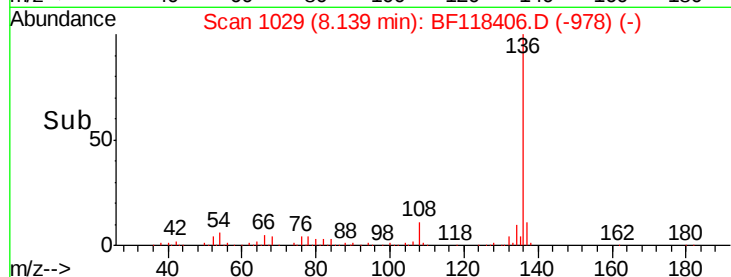
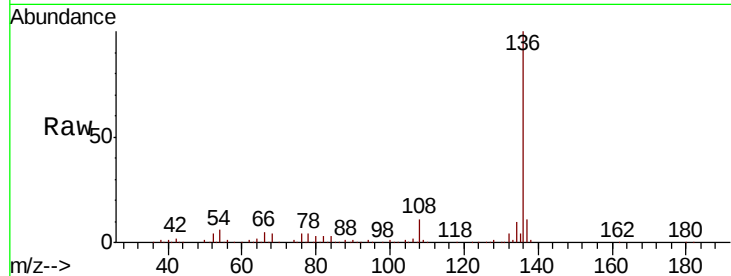
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		8.9	13.3	
54	6.1		4.2	6.4	
68	4.2		3.5	5.3	

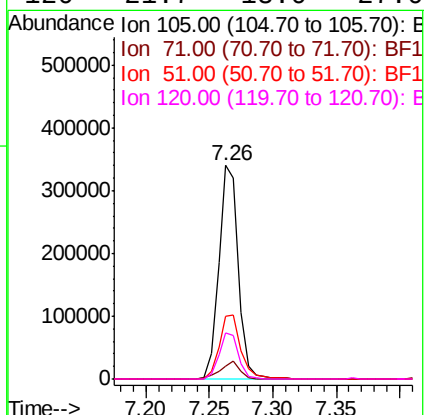
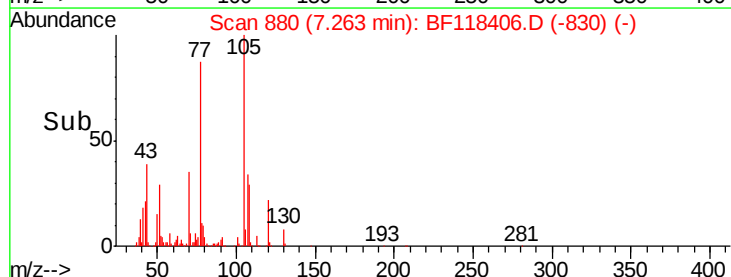
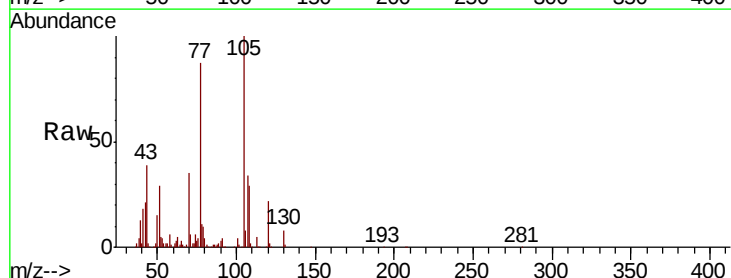
Manual Integrations
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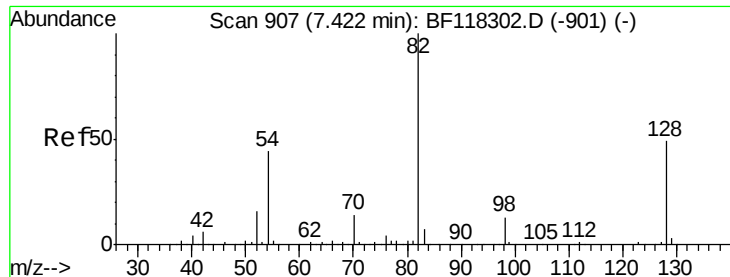
mohammad
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#22
Acetophenone
Concen: 46.003 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.9		6.6	9.8#	
51	29.4		20.6	30.8	
120	21.7		18.0	27.0	





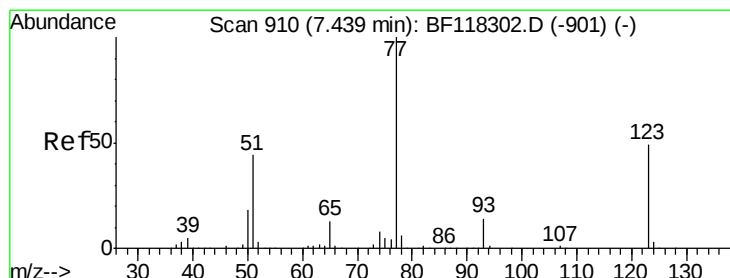
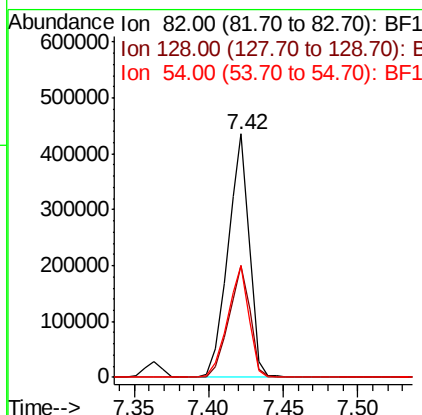
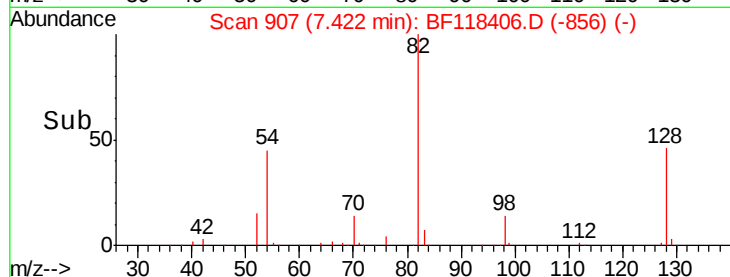
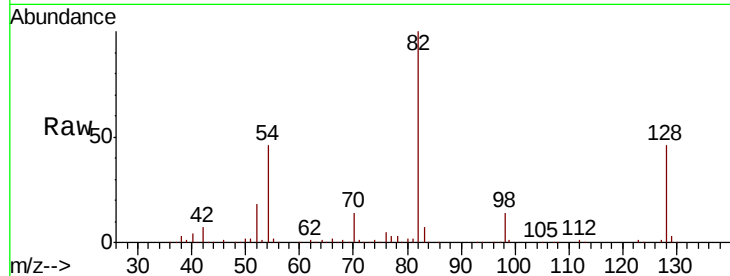
#23
Nitrobenzene-d5
Concen: 78.516 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.6	59.4
54	45.7	34.9	52.3

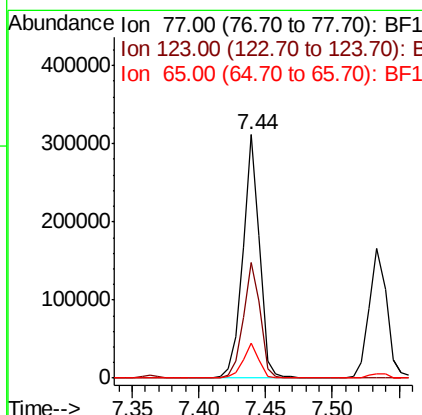
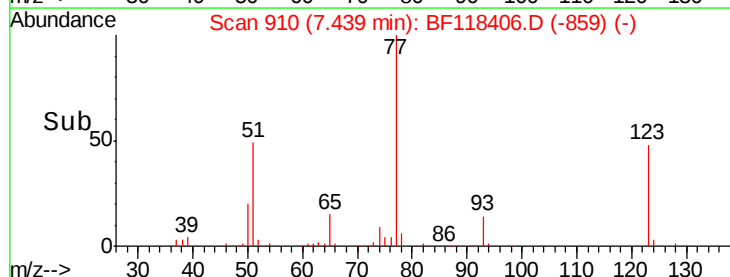
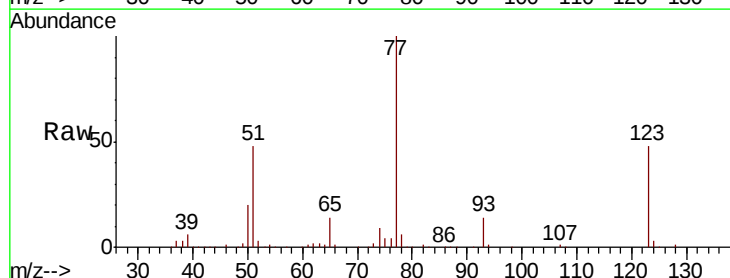
Manual Integrations
APPROVED

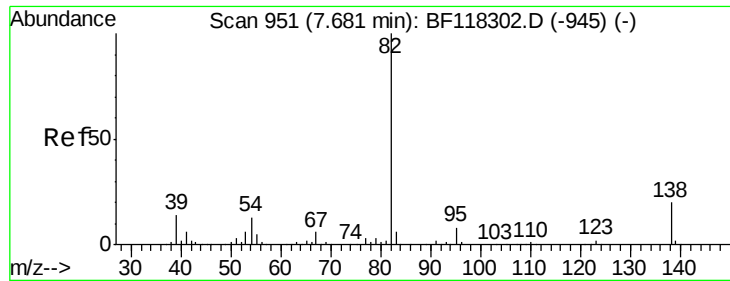
mohammad
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#24
Nitrobenzene
Concen: 47.244 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.1	58.7
65	14.3	10.6	16.0





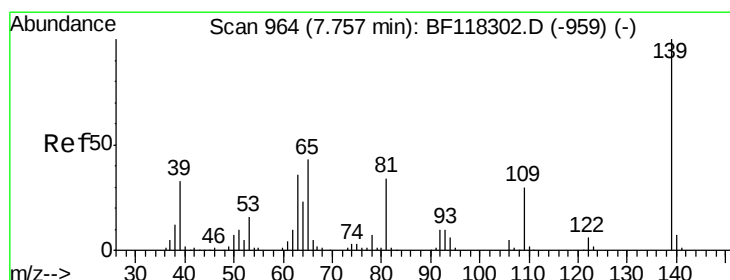
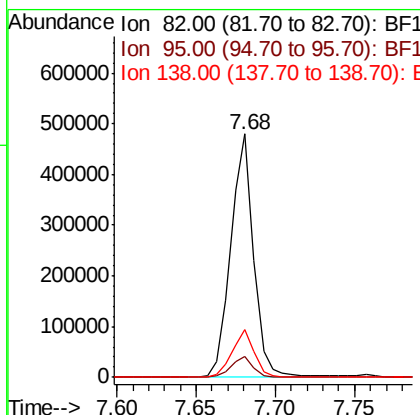
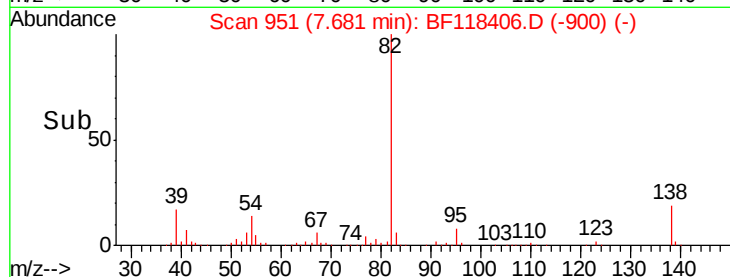
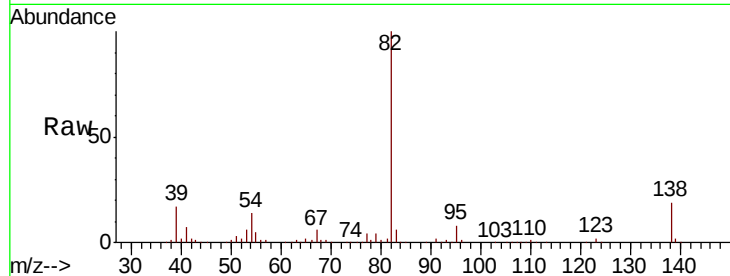
#25
Isophorone
Concen: 48.936 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	481698		
95	8.5	6.3	9.5	
138	19.5	16.2	24.2	

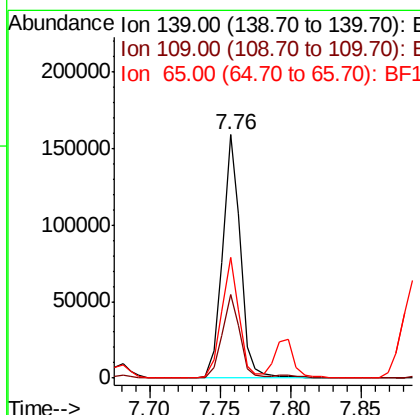
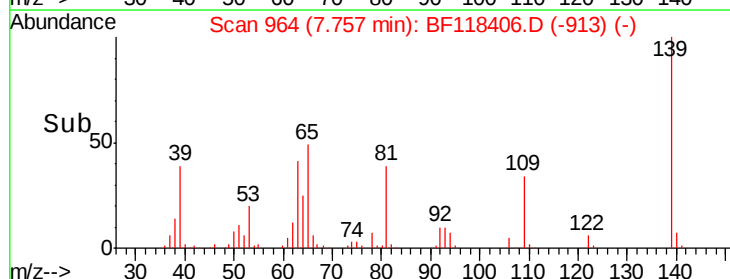
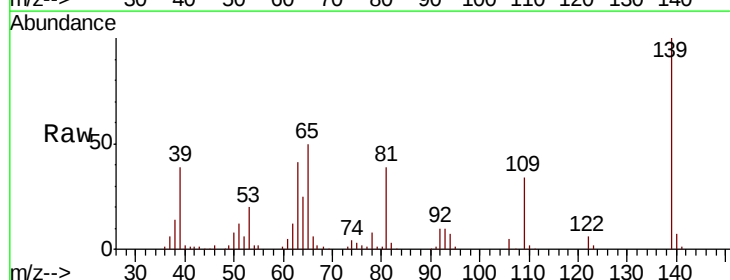
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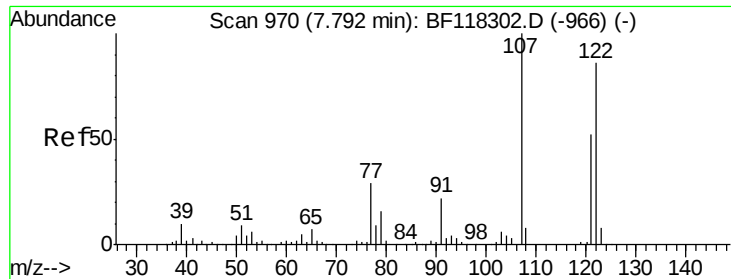
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#26
2-Nitrophenol
Concen: 46.910 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140579		
109	34.4	24.1	36.1	
65	49.8	34.6	52.0	





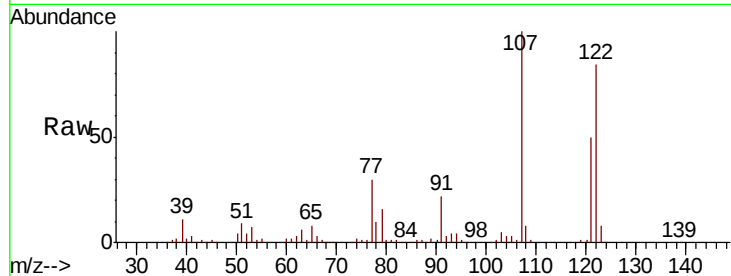
#27
2,4-Dimethylphenol
Concen: 54.585 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	118.9	92.9	139.3		
121	59.5	47.9	71.9		

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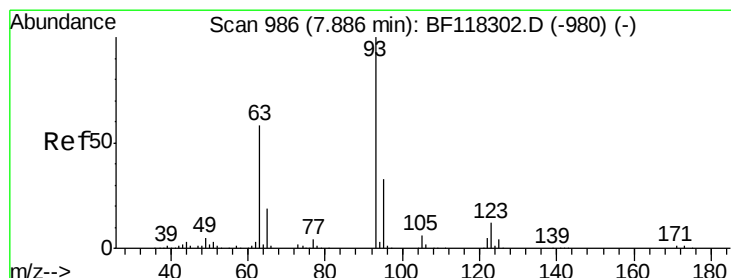
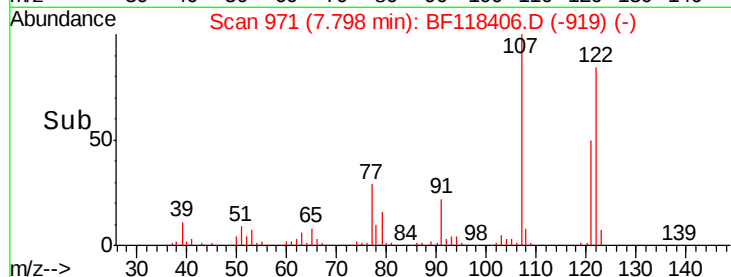
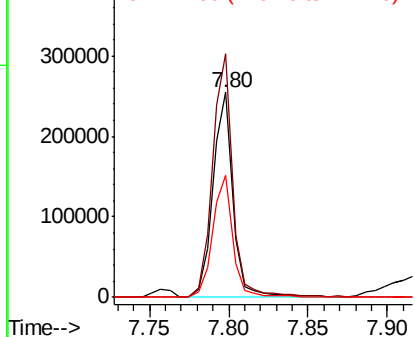


Abundance

Ion 122.00 (121.70 to 122.70): E

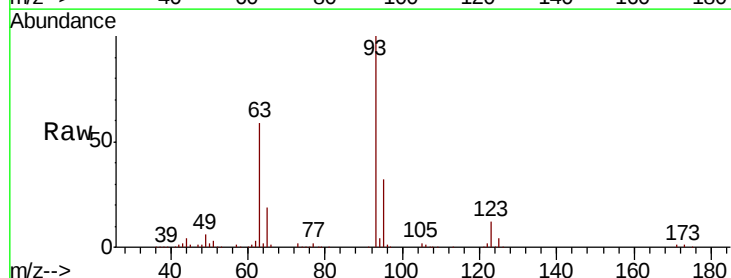
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.999 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.5	26.2	39.4		
123	12.1	9.8	14.8		

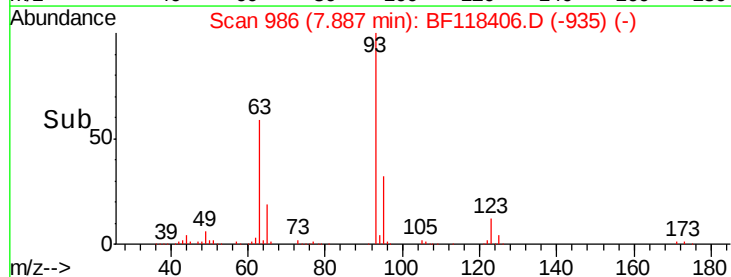
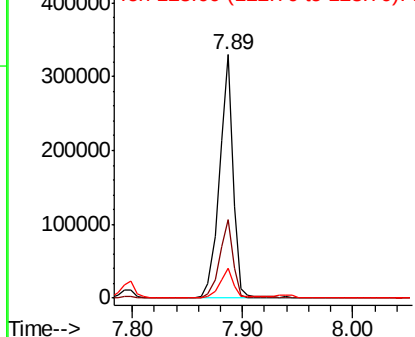


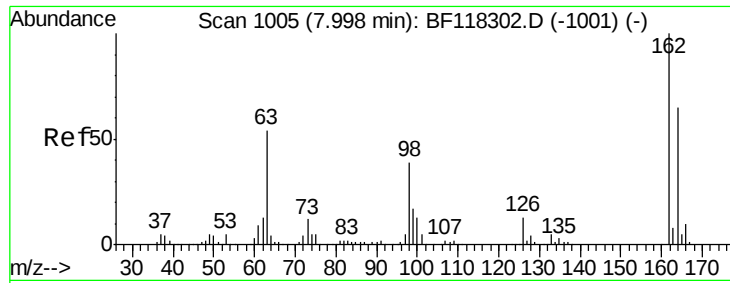
Abundance

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





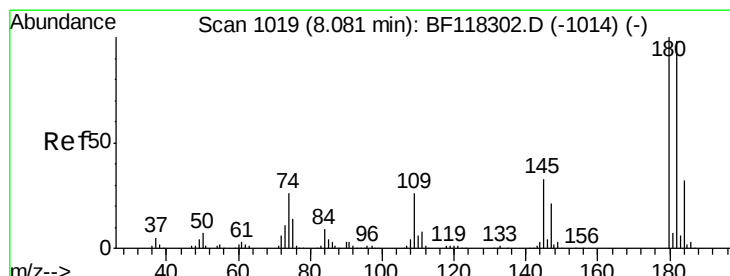
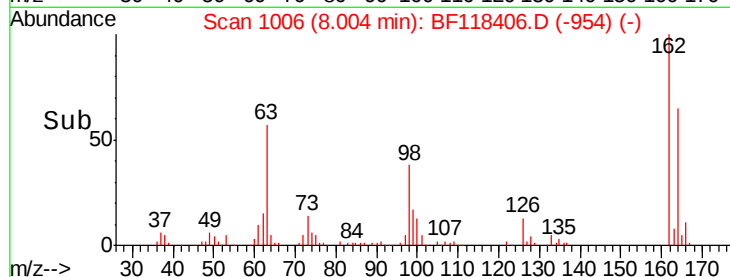
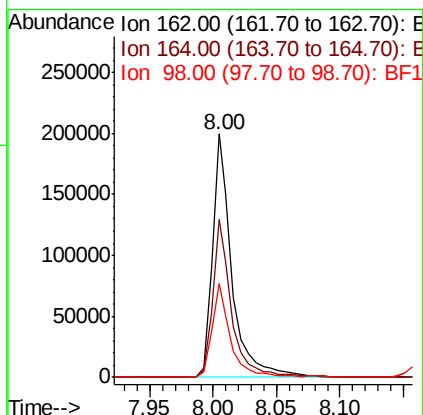
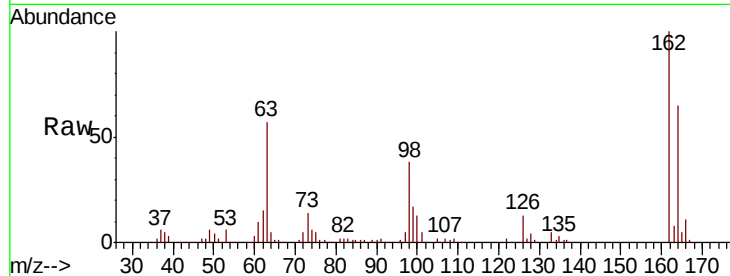
#29
2,4-Dichlorophenol
Concen: 45.914 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216079		
164	64.9	45.1	85.1	
98	38.5	18.6	58.6	

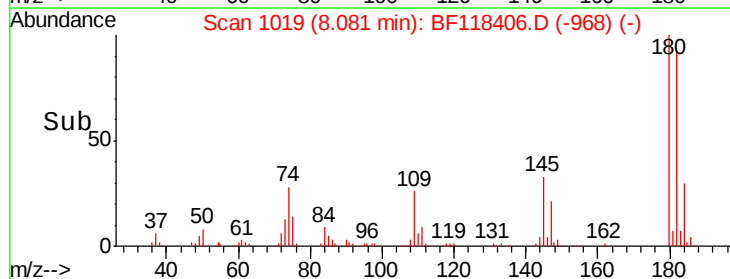
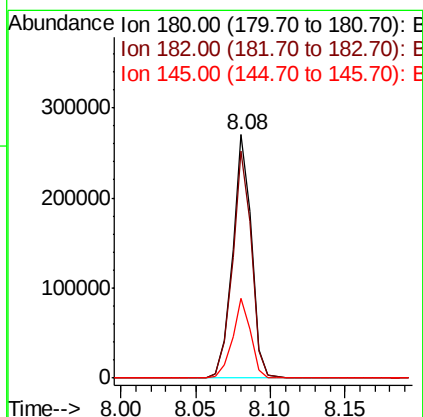
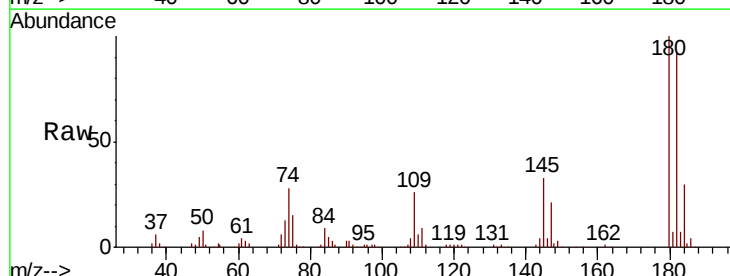
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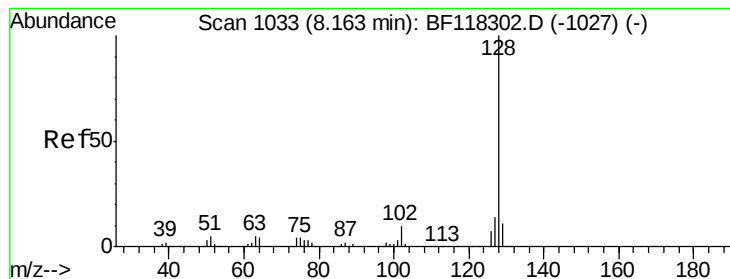
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#30
1,2,4-Trichlorobenzene
Concen: 44.121 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241877		
182	93.4	78.3	117.5	
145	32.8	26.7	40.1	





#31

Naphthalene

Concen: 46.965 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

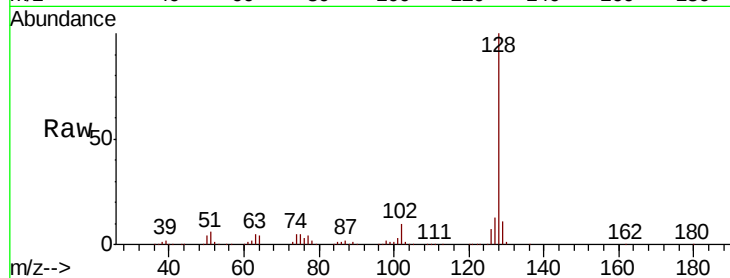
ClientSampleId :

GP-9-(8-10)MS

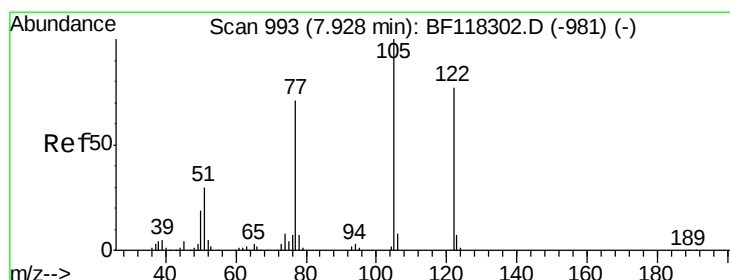
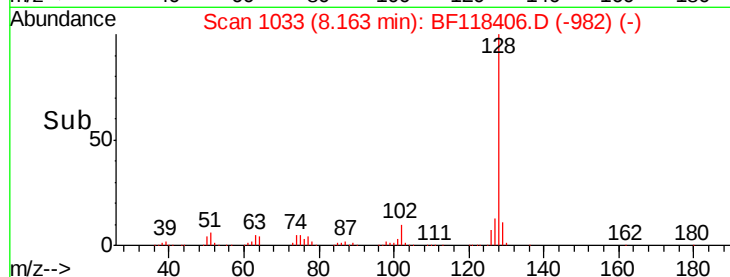
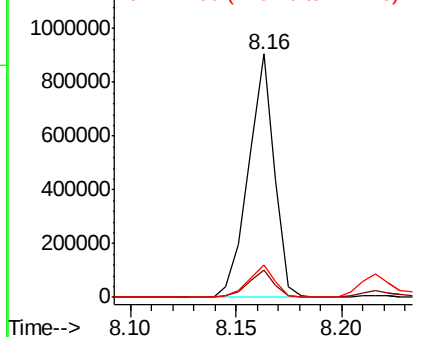
Tot Ion:	128	Resp:	771115
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.4	11.0	16.4

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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: 36.847 ng

RT: 7.95 min Scan# 996

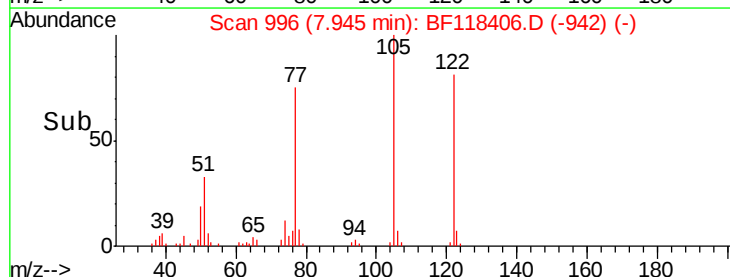
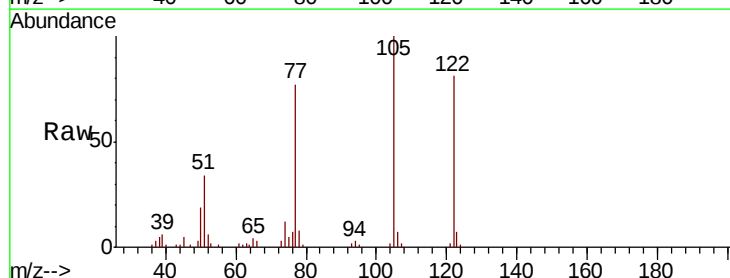
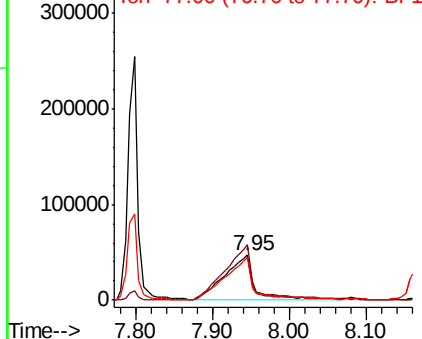
Delta R.T. 0.02 min

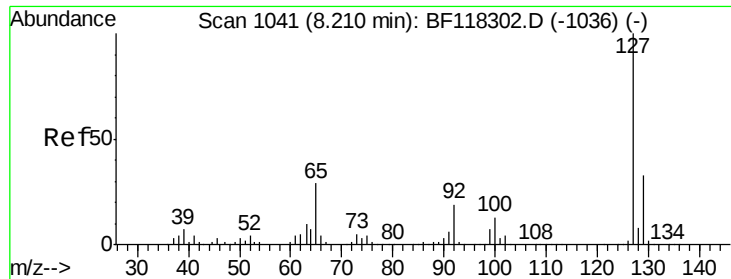
Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:	122	Resp:	122058
Ion Ratio	Lower	Upper	
122	100		
105	123.7	106.8	146.8
77	95.1	70.4	110.4

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





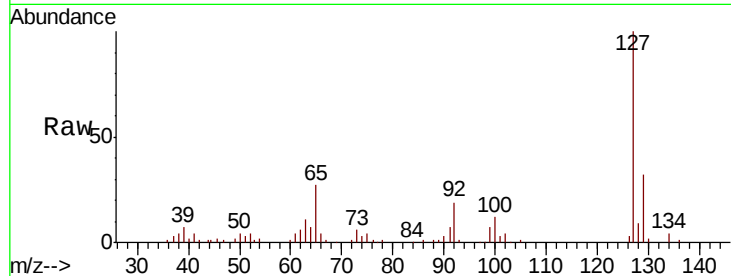
#33
4-Chloroaniline
Concen: 15.906 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

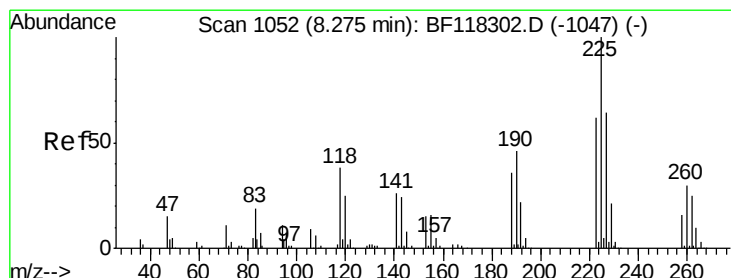
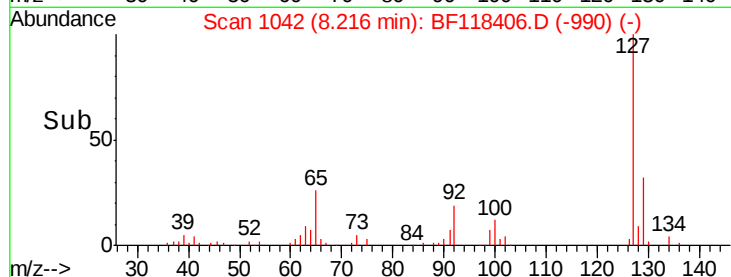
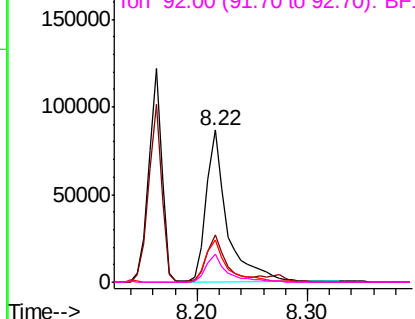
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.5	39.7	
65	27.5	22.8	34.2	
92	18.7	15.5	23.3	

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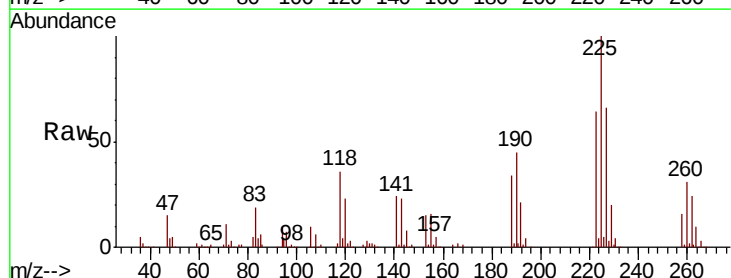


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

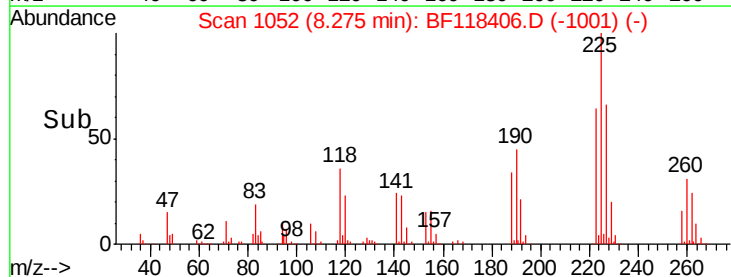
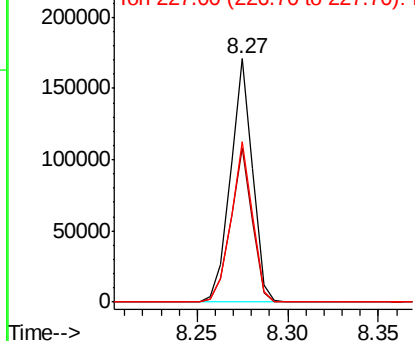


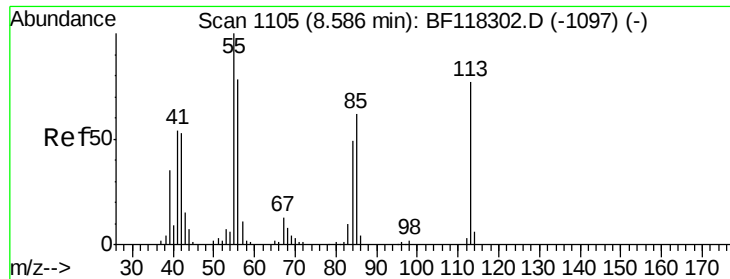
#34
Hexachlorobutadiene
Concen: 44.240 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	49.5	74.3	
227	66.0	51.0	76.4	



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





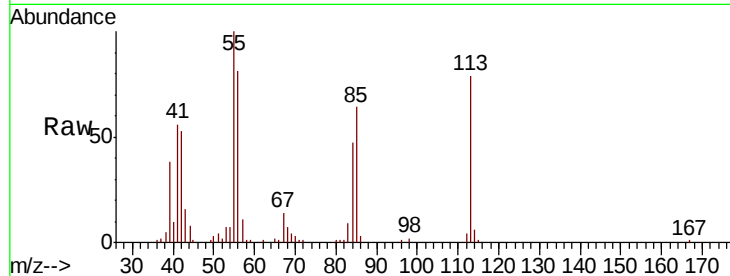
#35
 Caprolactam
 Concen: 50.168 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

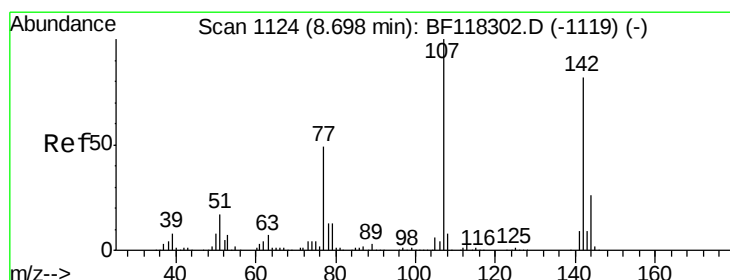
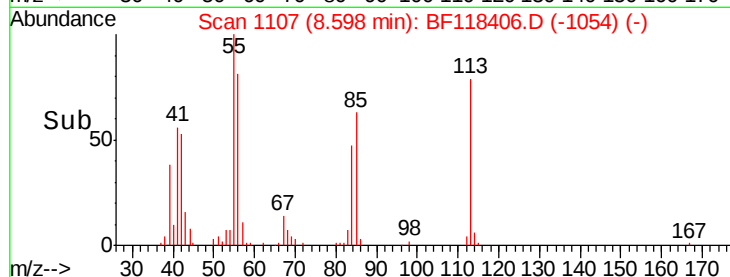
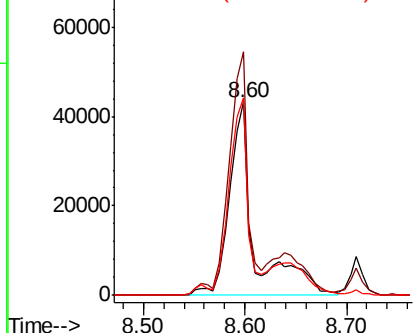
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	125.9	109.8	149.8	
56	102.0	81.7	121.7	

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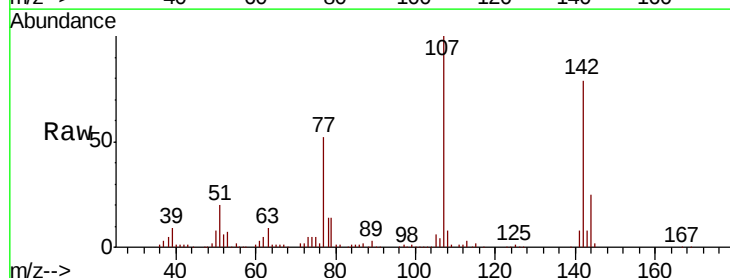


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

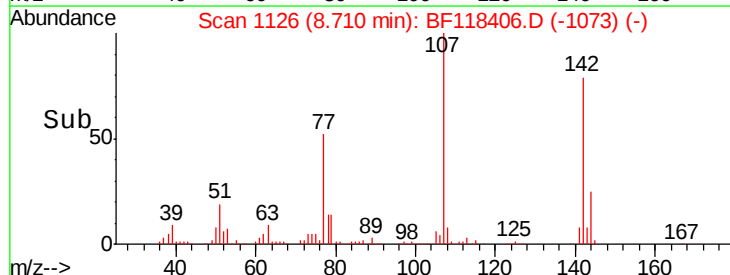
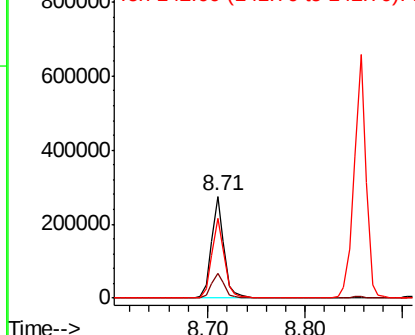


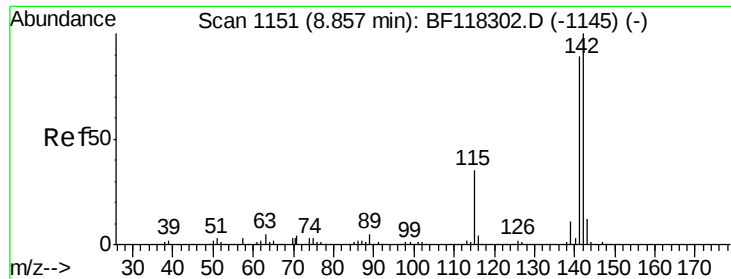
#36
 4-Chloro-3-methylphenol
 Concen: 48.577 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.8	21.2	31.8	
142	78.6	65.4	98.2	



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





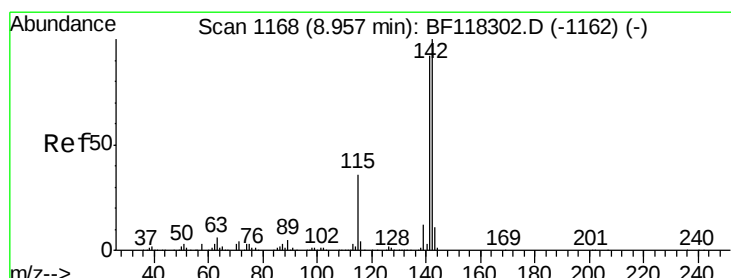
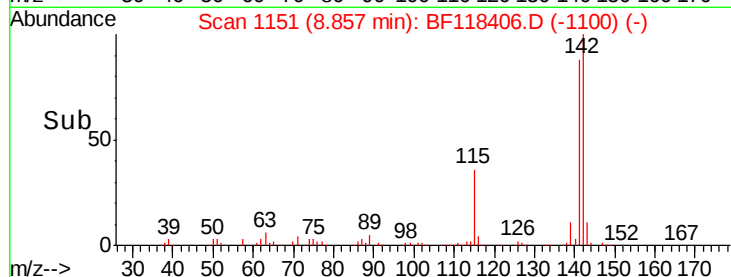
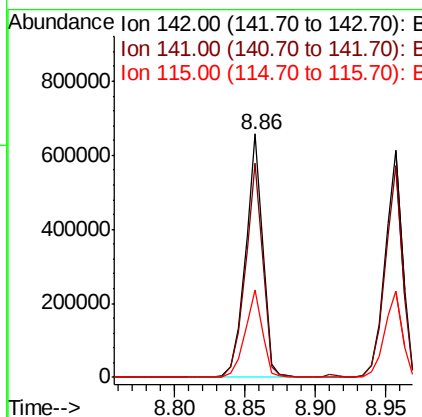
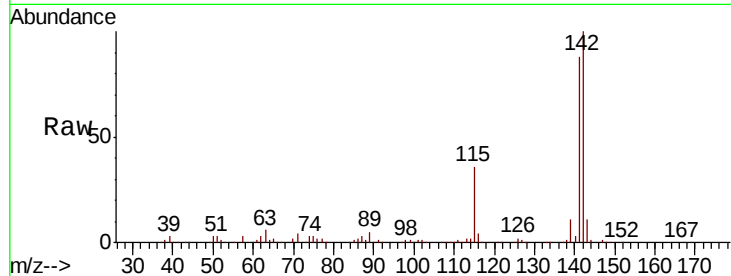
#37
2-Methylnaphthalene
Concen: 49.594 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	36.1	28.0	42.0

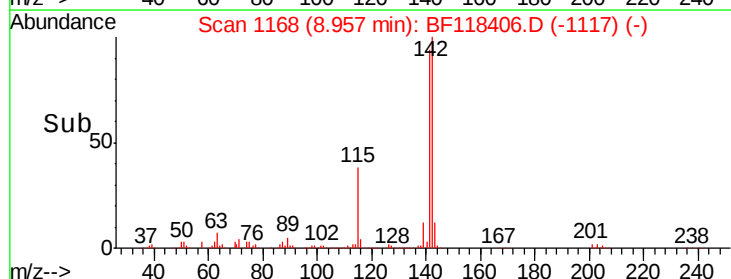
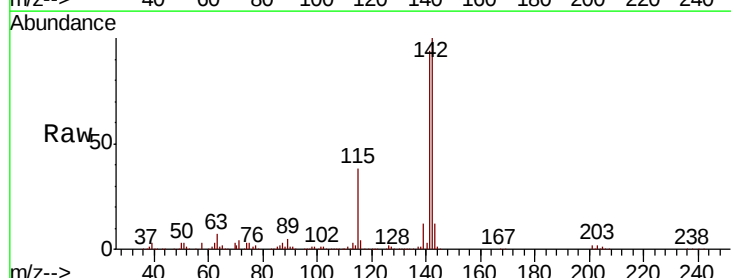
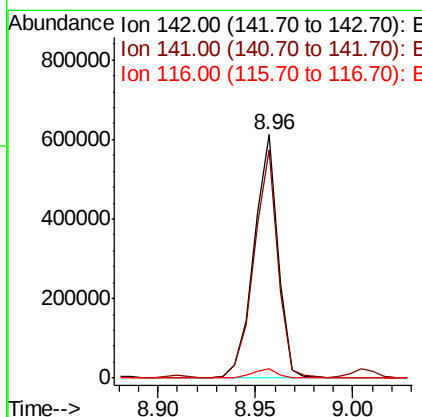
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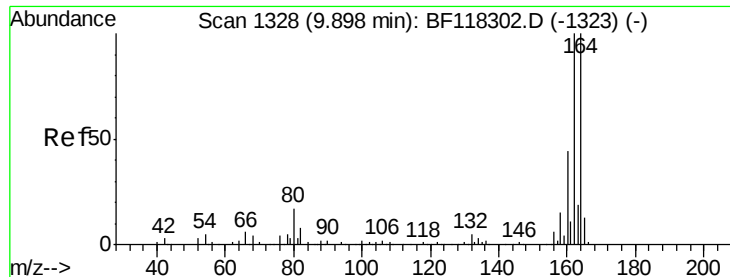
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#38
1-Methylnaphthalene
Concen: 48.873 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.4	110.2
116	4.1	2.9	4.3





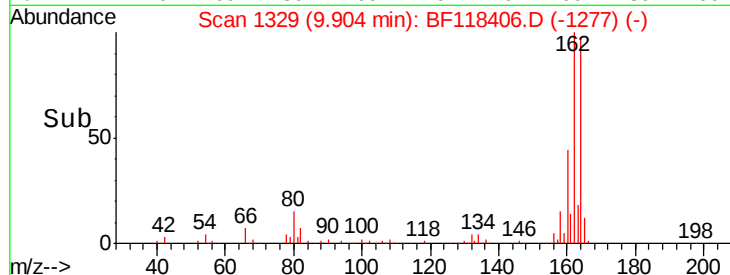
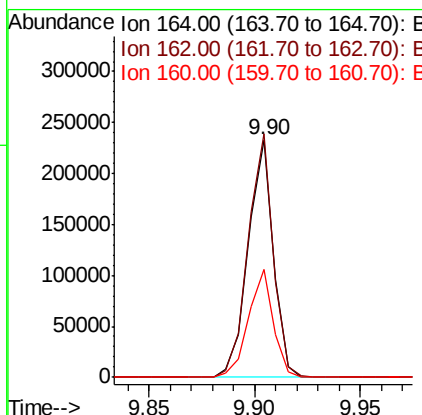
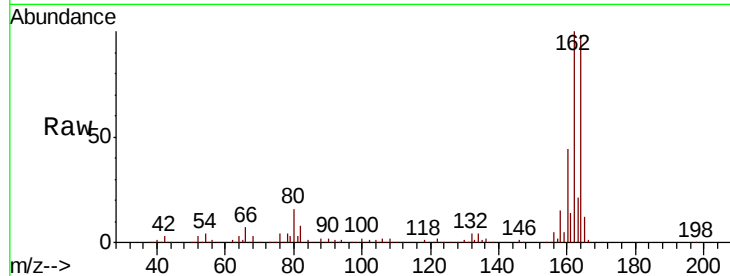
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	45.5	34.8	52.2

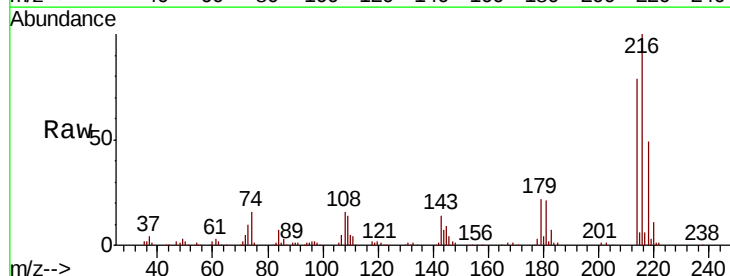
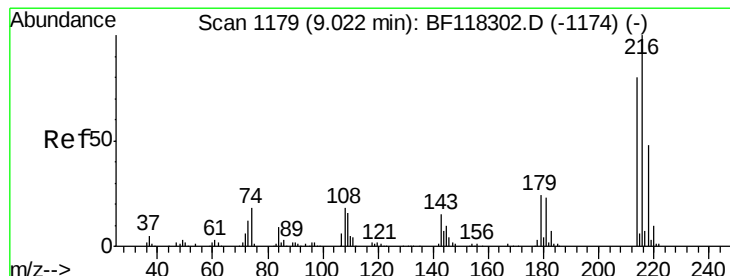
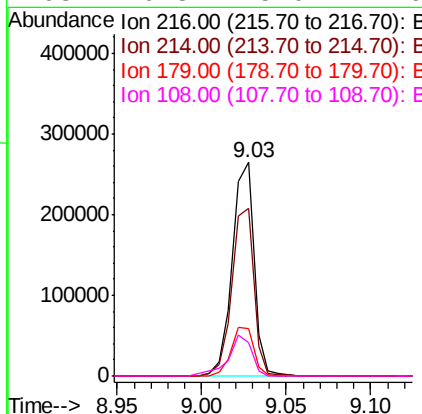
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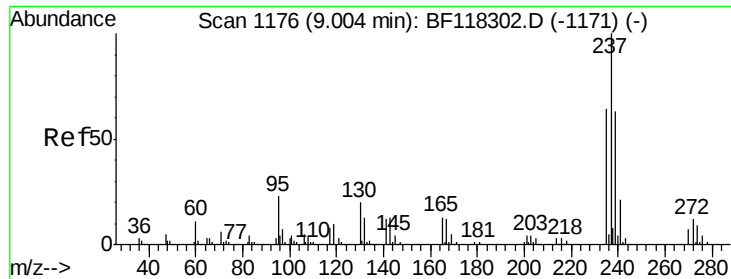
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.773 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	23.7	18.9	28.3
108	20.8	15.0	22.6





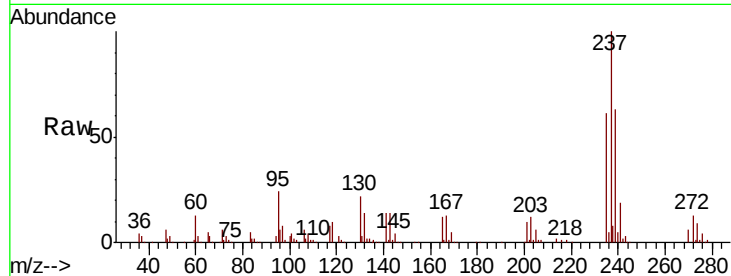
#41
Hexachlorocyclopentadiene
Concen: 61.905 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

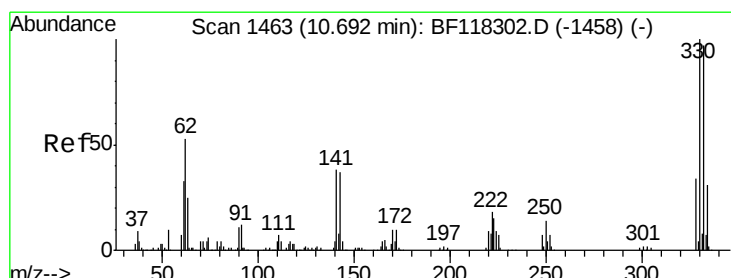
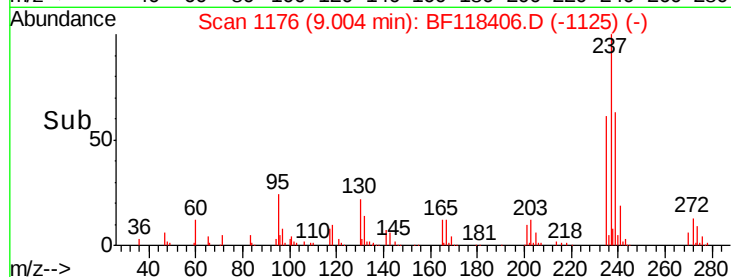
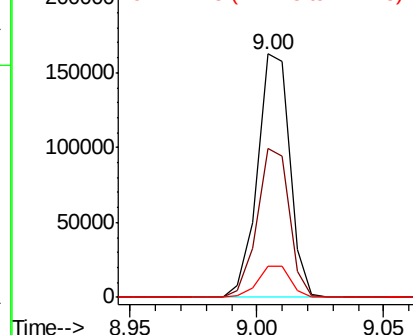
Tot Ion:	237	Resp:	145573
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.8	83.8
272	13.0	0.0	31.7

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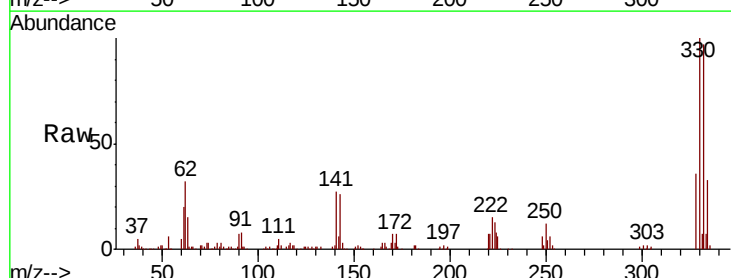


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

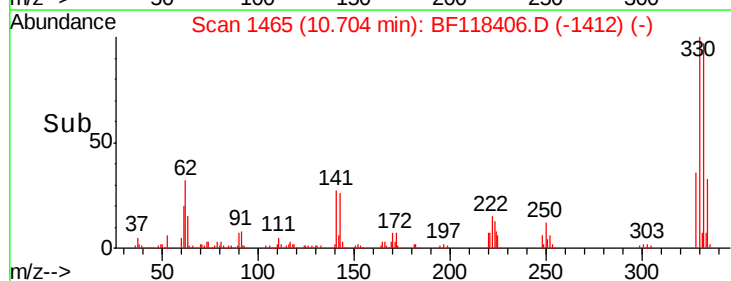
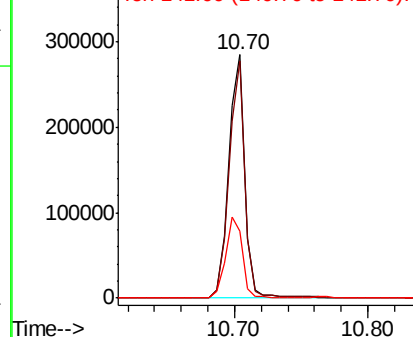


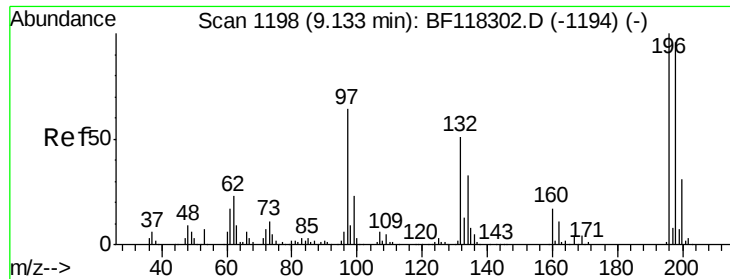
#42
2,4,6-Tribromophenol
Concen: 102.138 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:	330	Resp:	243495
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.6	114.8
141	35.1	26.0	39.0



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





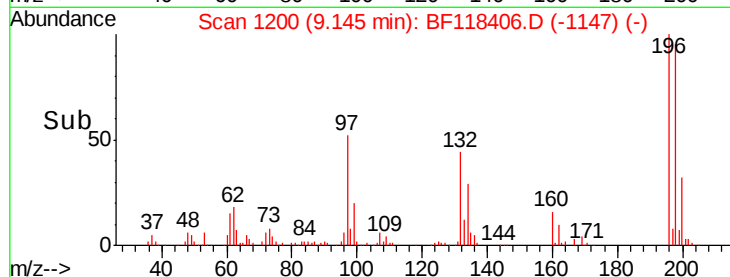
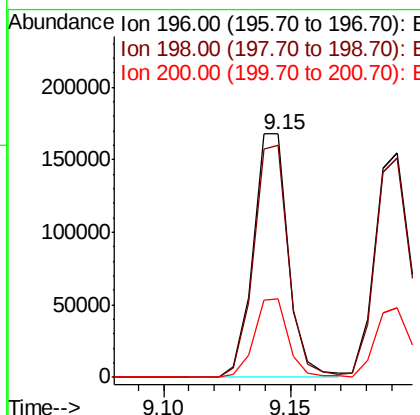
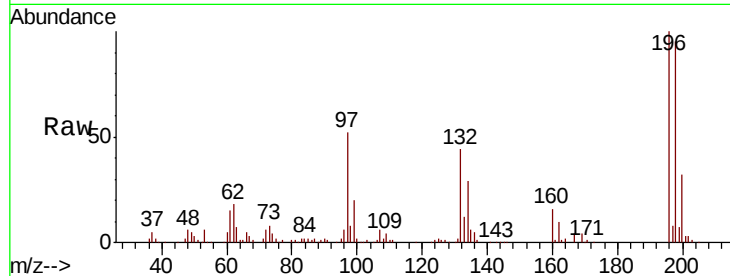
#43
 2,4,6-Trichlorophenol
 Concen: 41.983 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162683		
198	95.2	76.7	115.1	
200	32.5	24.8	37.2	

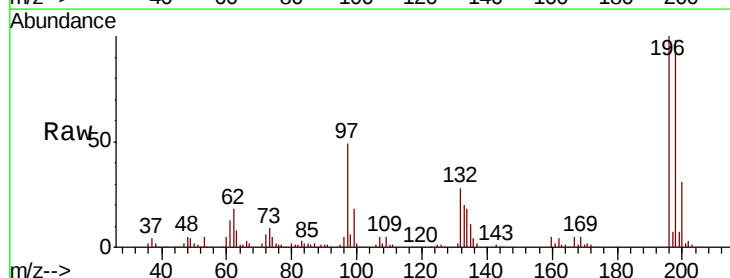
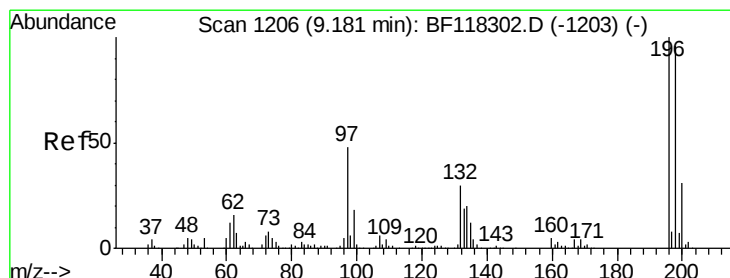
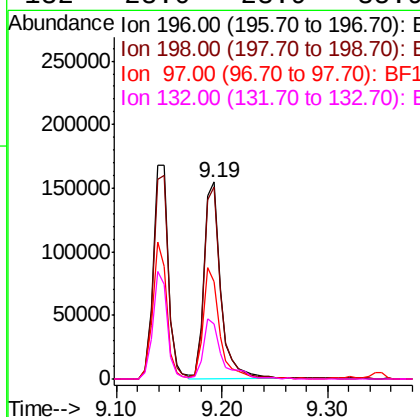
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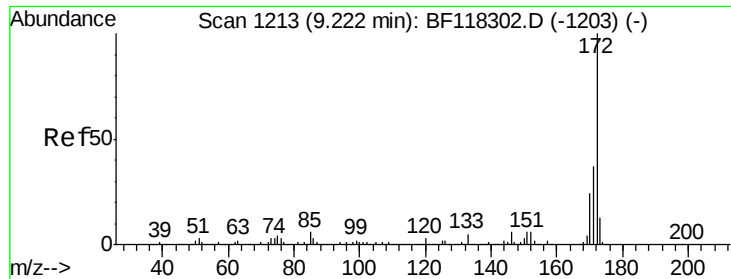
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#44
 2,4,5-Trichlorophenol
 Concen: 42.628 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169921		
198	97.9	77.0	115.4	
97	49.3	38.9	58.3	
132	28.0	23.9	35.9	





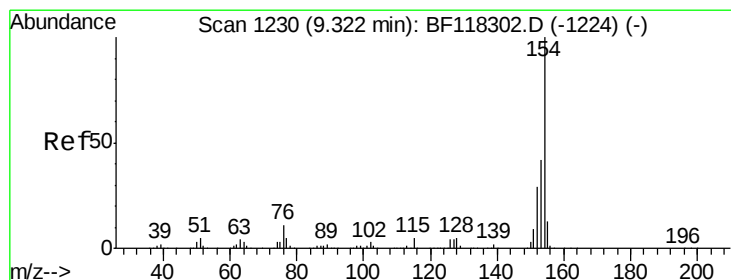
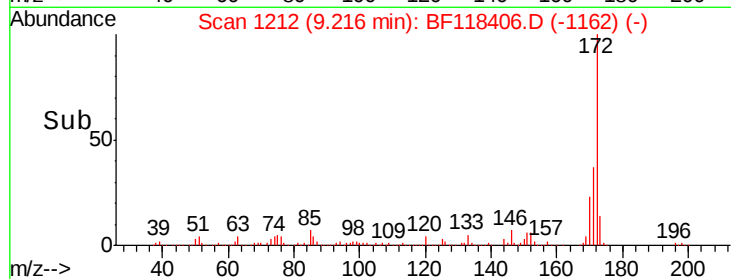
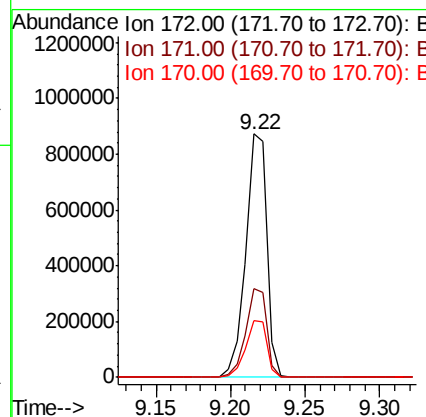
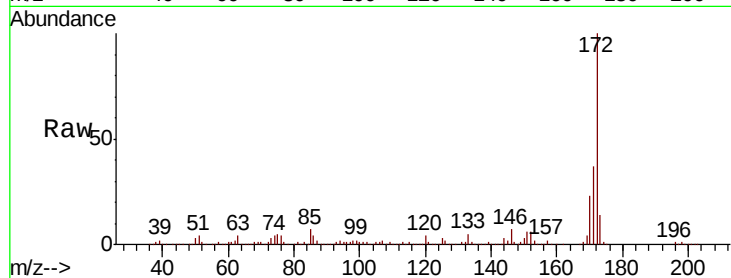
#45
2-Fluorobiphenyl
Concen: 67.768 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion:	172	Resp:	857038
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.3	43.9
170	23.4	19.2	28.8

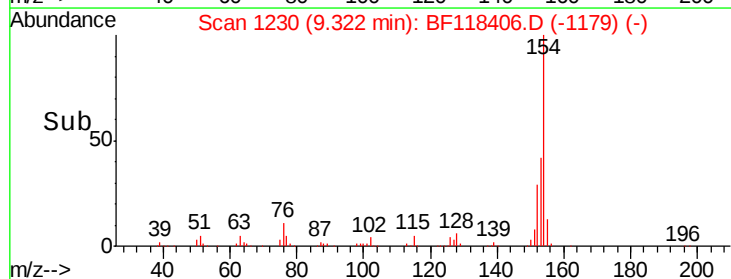
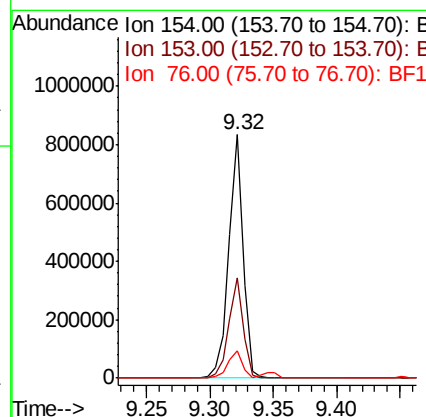
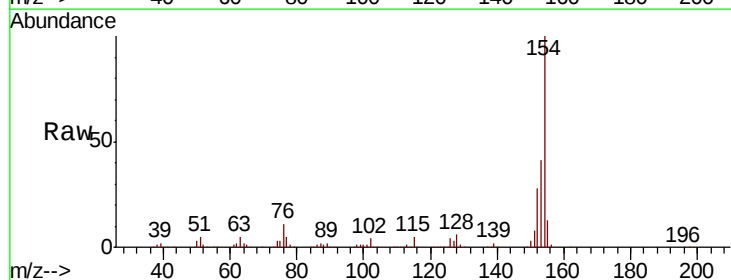
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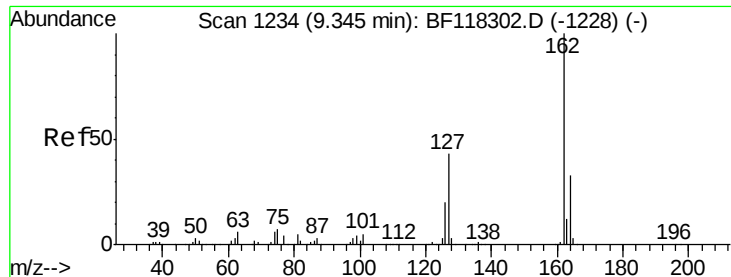
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#46
1,1'-Biphenyl
Concen: 43.071 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:	154	Resp:	657644
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.8	61.8
76	11.1	0.0	30.9





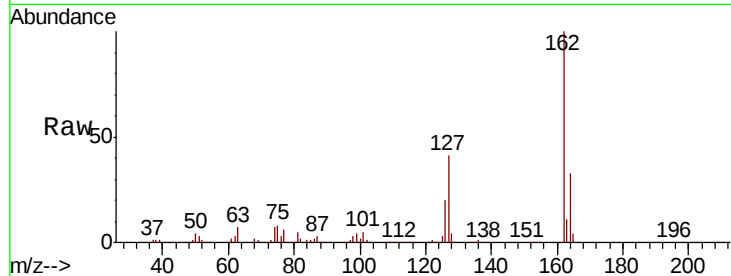
#47
 2-Chloronaphthalene
 Concen: 41.983 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

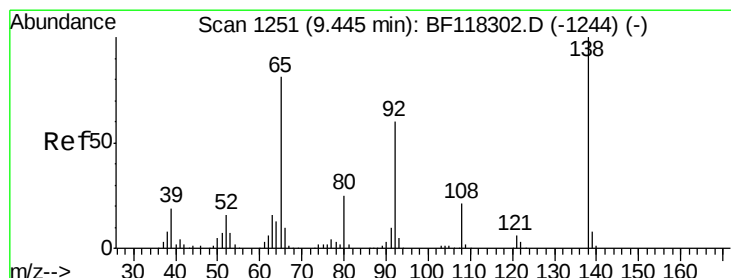
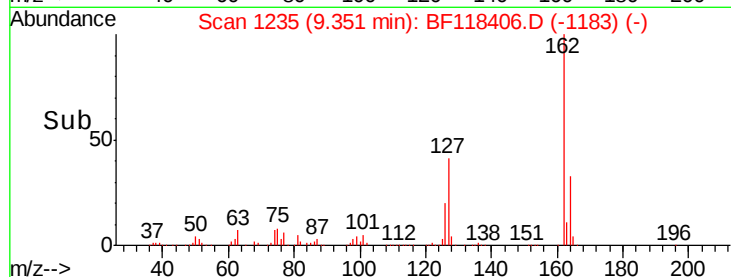
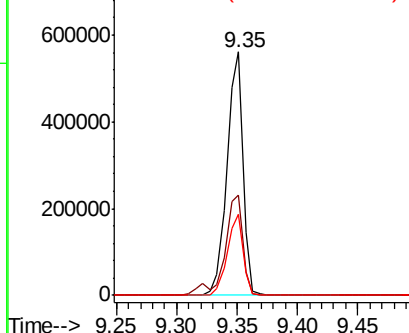
Tot Ion:	162	Resp:	515928
Ion Ratio	Lower	Upper	
162	100		
127	41.2	35.0	52.4
164	33.1	26.6	40.0

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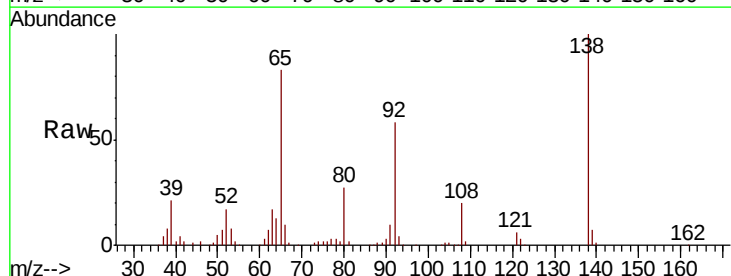


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

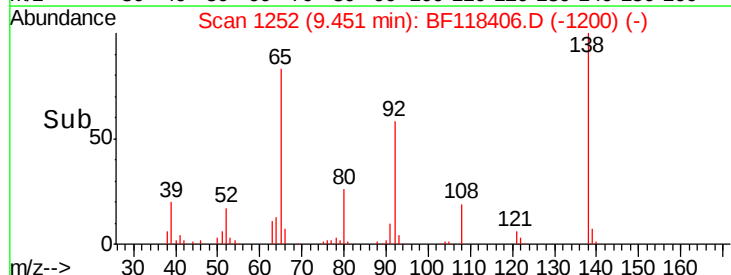
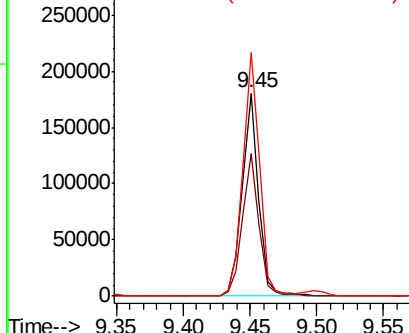


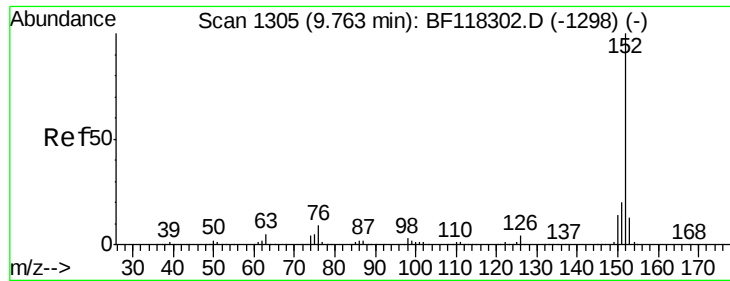
#48
 2-Nitroaniline
 Concen: 44.823 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:	65	Resp:	155584
Ion Ratio	Lower	Upper	
65	100		
92	70.1	58.7	88.1
138	120.0	98.5	147.7



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





#49

Acenaphthylene

Concen: 43.975 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

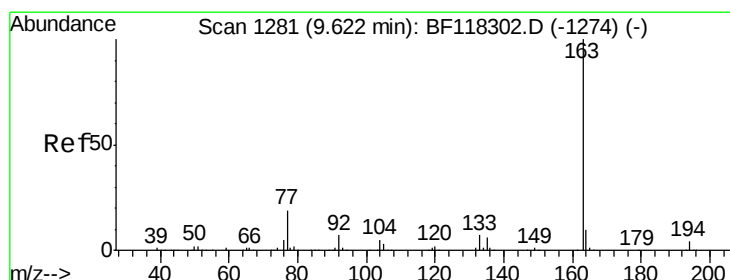
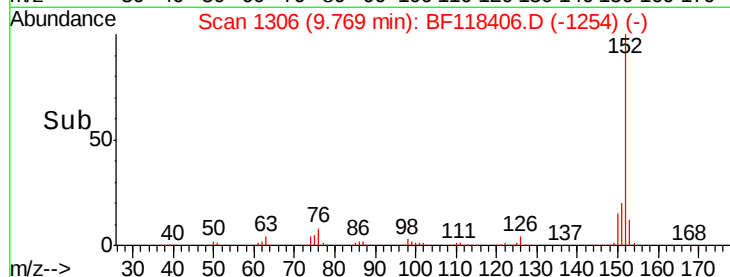
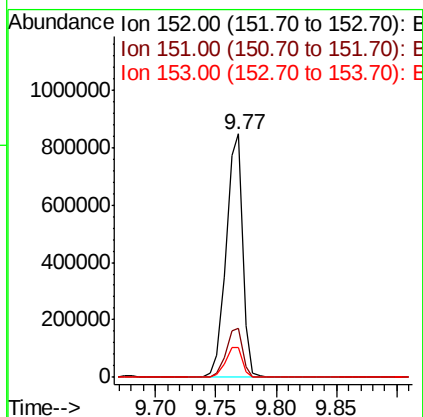
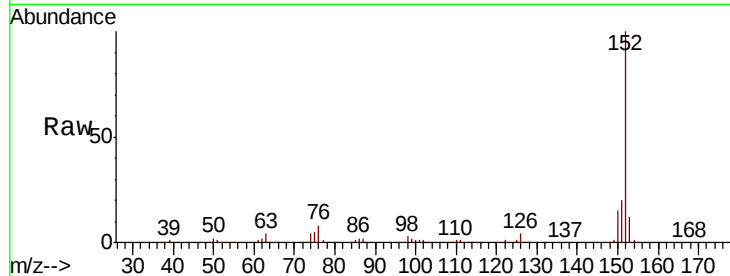
ClientSampleId :

GP-9-(8-10)MS

Tot Ion:	152	Resp:	801470
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	12.3	10.5	15.7

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#50

Dimethylphthalate

Concen: 49.346 ng

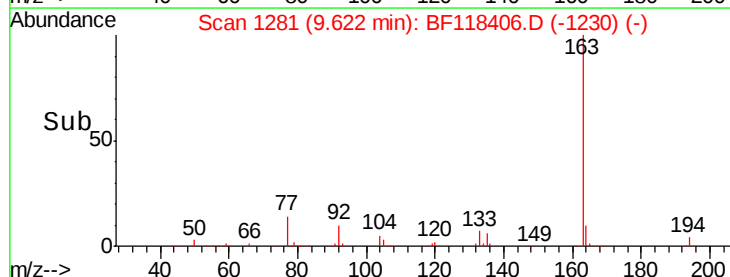
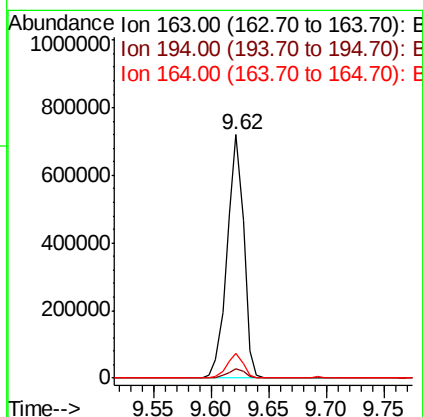
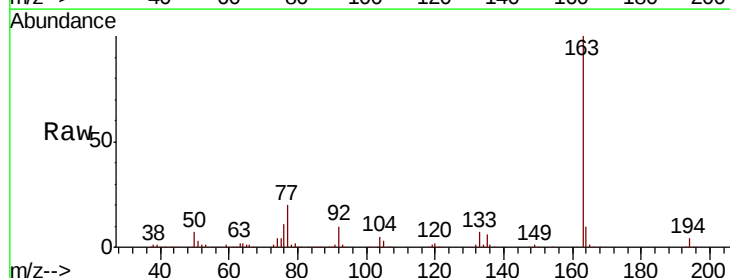
RT: 9.62 min Scan# 1281

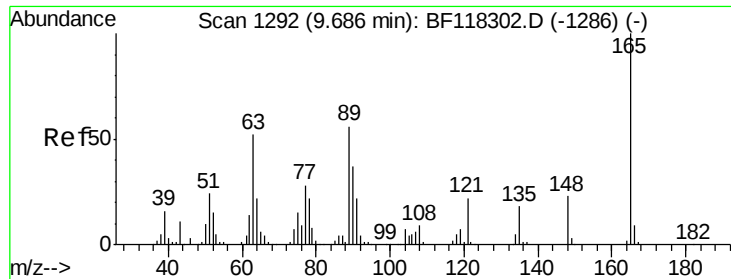
Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:	163	Resp:	715063
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.3	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 45.384 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

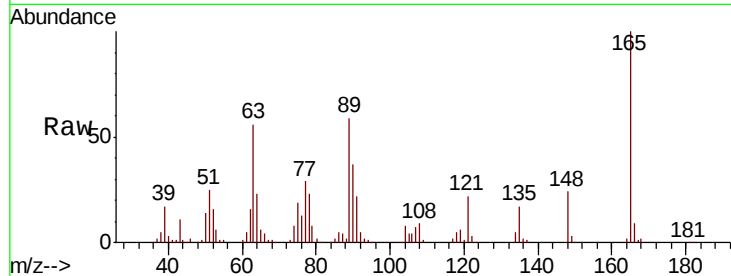
ClientSampled :

GP-9-(8-10)MS

Tot Ion:	165	Resp:	141783
Ion Ratio	Lower	Upper	
165	100		
63	56.5	42.2	63.4
89	58.6	44.4	66.6

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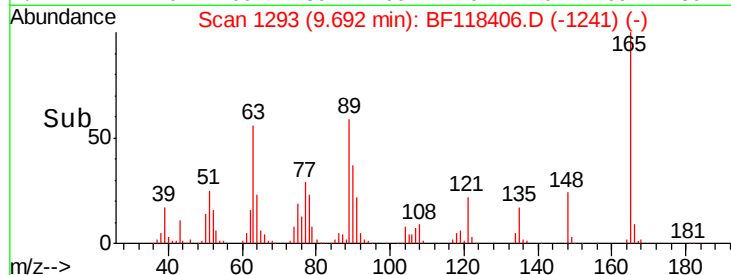


Abundance Ion 165.00 (164.70 to 165.70): E

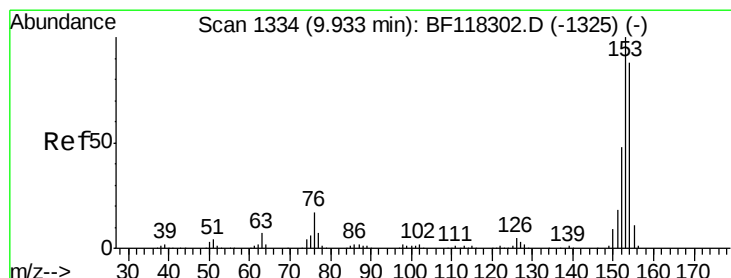
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 45.361 ng

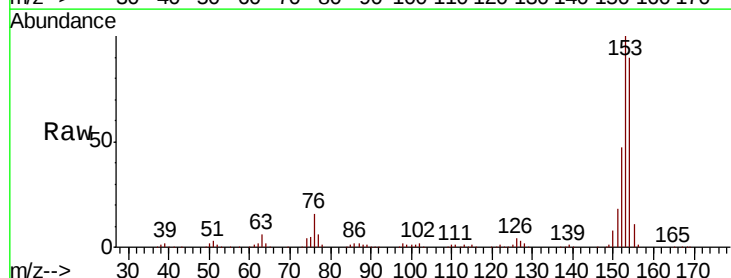
RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:	154	Resp:	503569
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.6	136.0
152	52.3	43.1	64.7

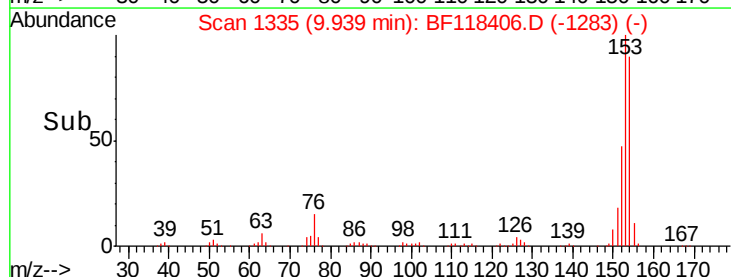


Abundance Ion 154.00 (153.70 to 154.70): E

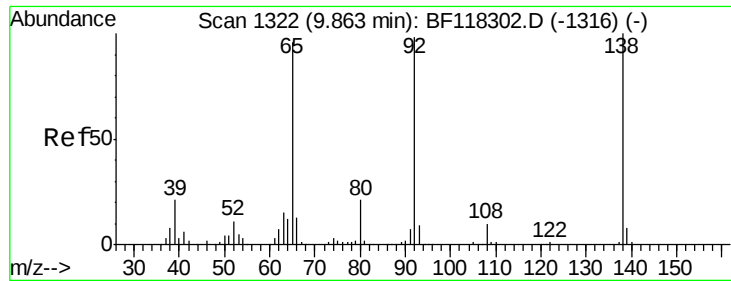
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 22.956 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion:138 Resp: 84174

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

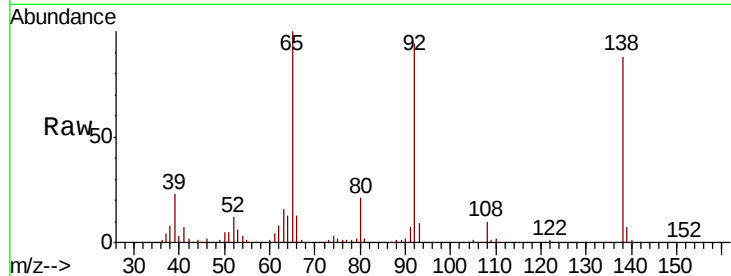
92 106.9 78.2 117.2

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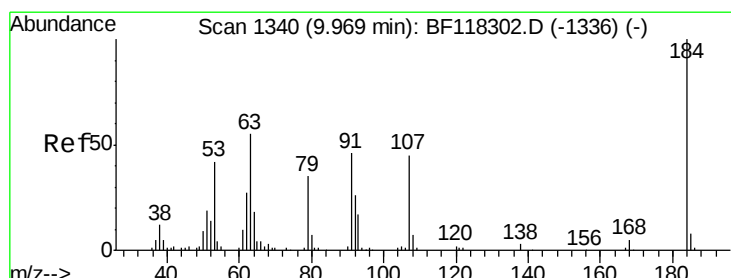
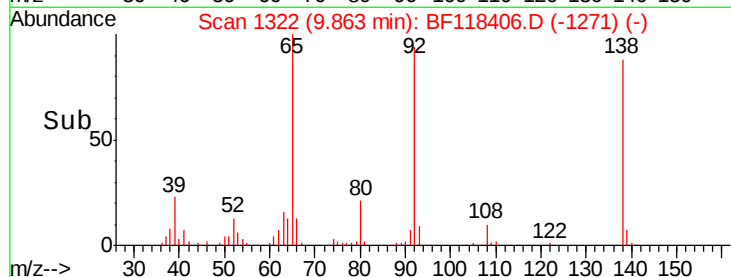
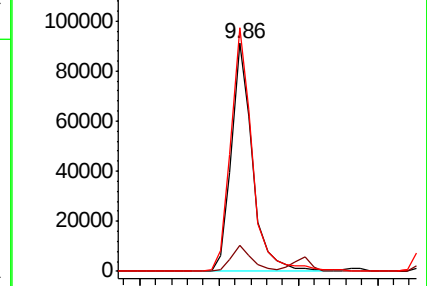
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 71.031 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

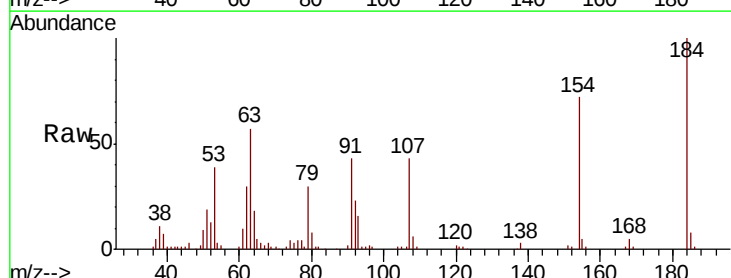
Tgt Ion:184 Resp: 110909

Ion Ratio Lower Upper

184 100

63 56.8 48.8 73.2

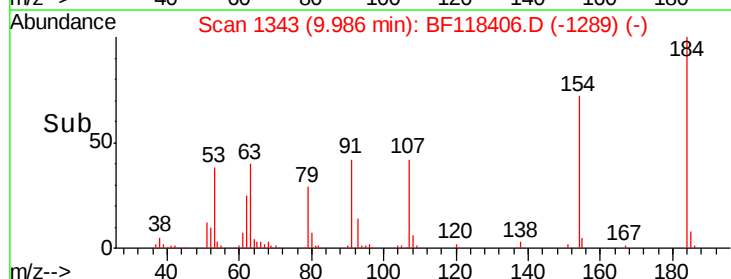
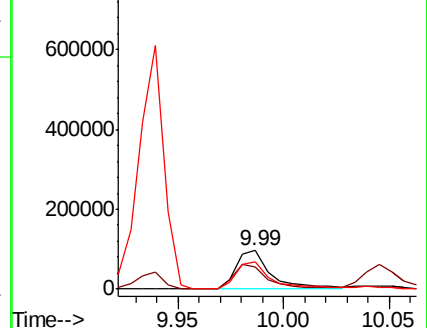
154 71.7 55.0 82.4

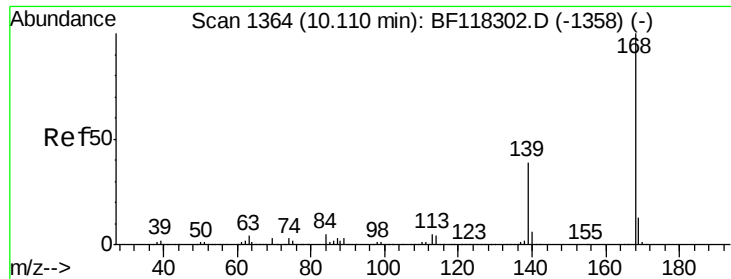


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





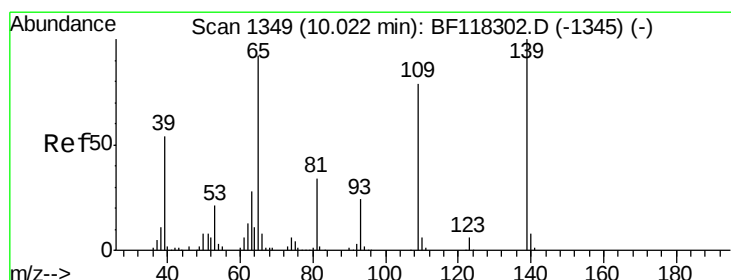
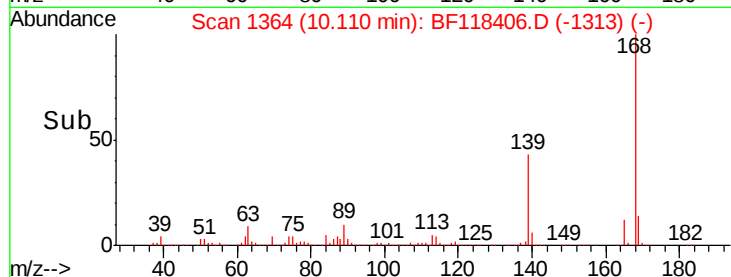
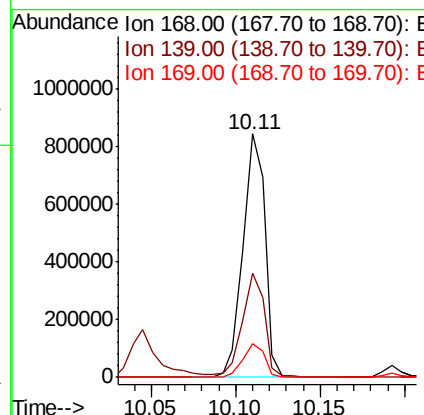
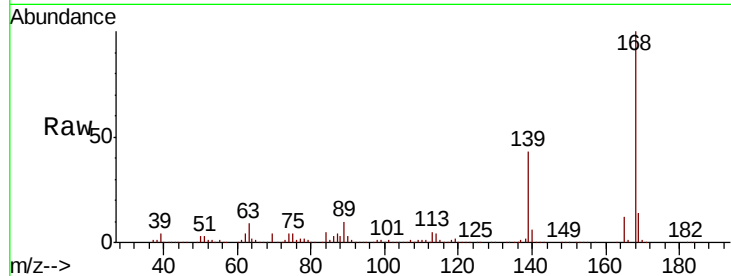
#55
Dibenzenofuran
Concen: 46.693 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.8	31.5	47.3
169	13.7	10.4	15.6

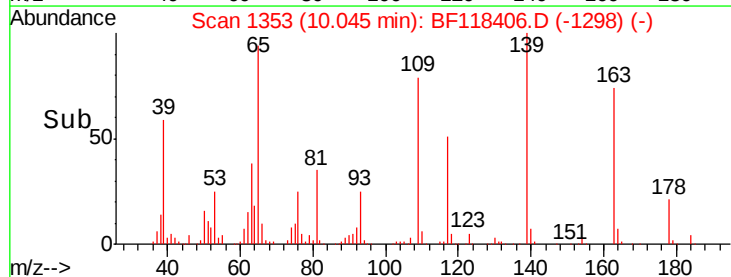
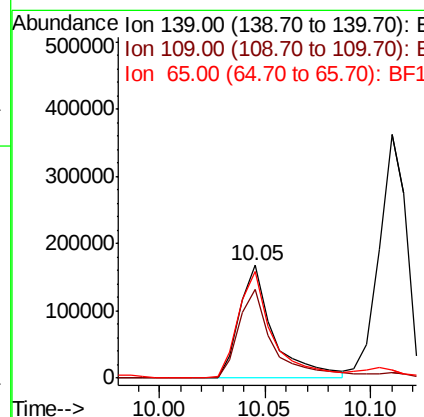
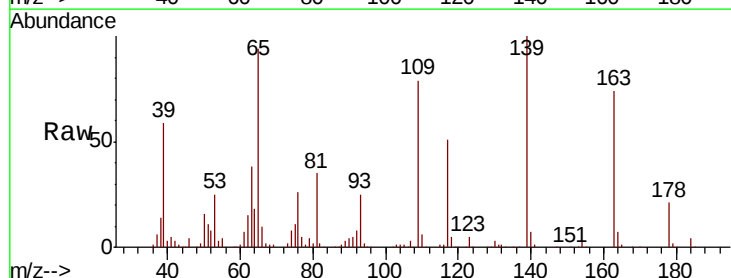
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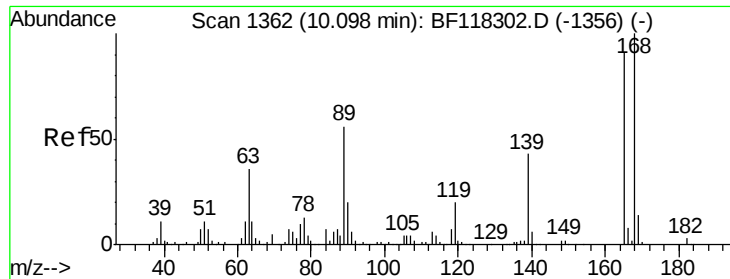
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#56
4-Nitrophenol
Concen: 82.748 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.6	59.3	99.3
65	94.4	72.4	112.4





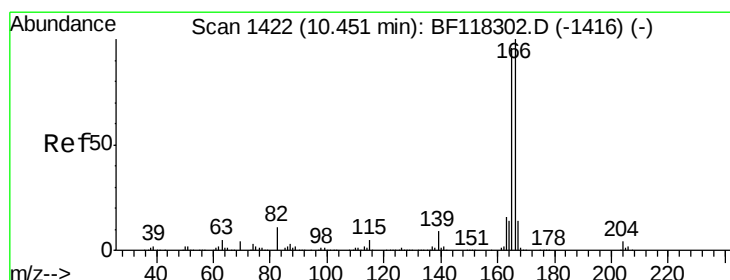
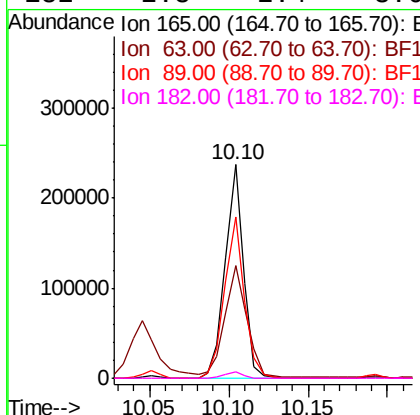
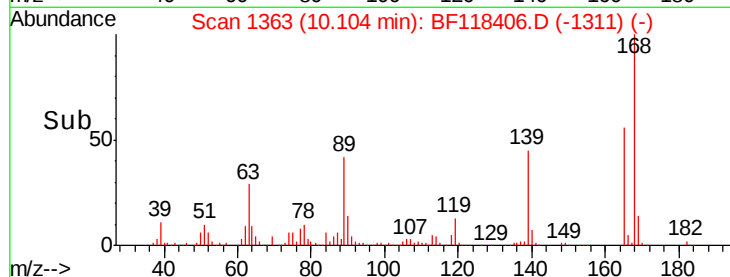
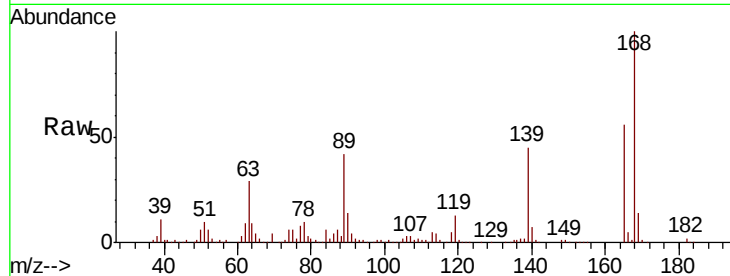
#57
2,4-Dinitrotoluene
Concen: 45.520 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.0	32.0	48.0#	
89	75.4	49.3	73.9#	
182	2.8	2.4	3.6	

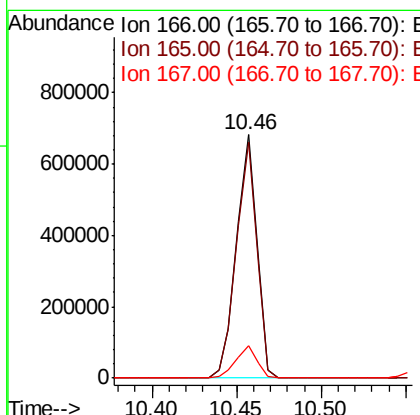
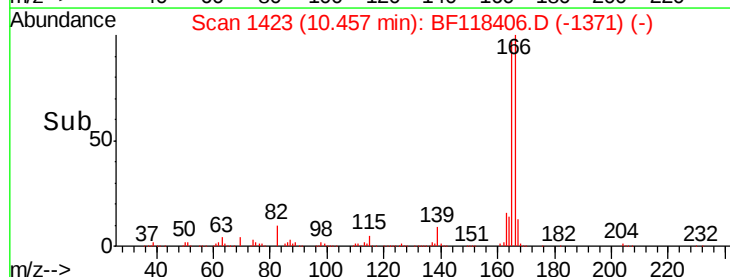
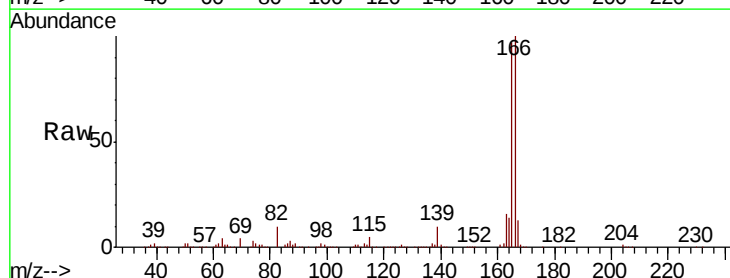
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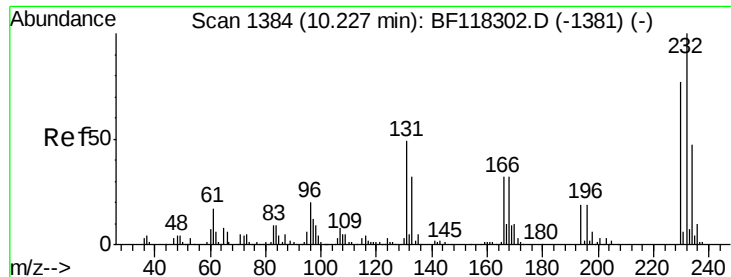
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#58
Fluorene
Concen: 43.565 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	77.0	115.4	
167	13.1	10.9	16.3	





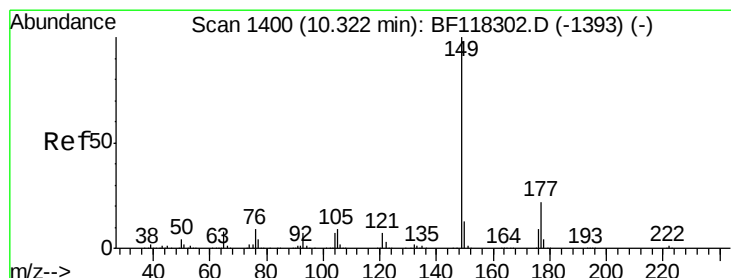
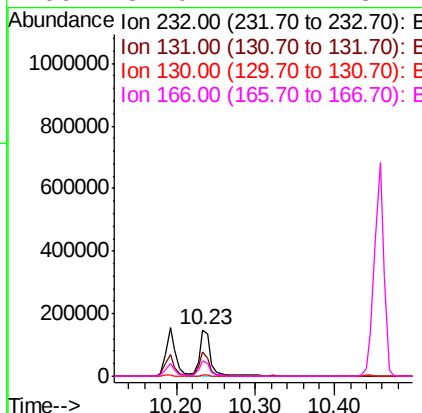
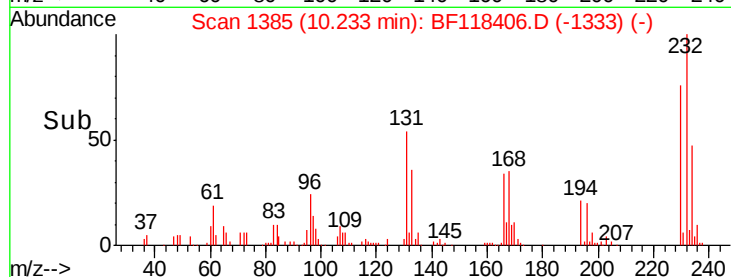
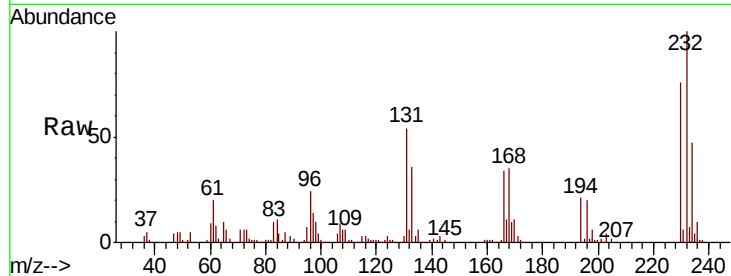
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.431 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		150484		
131	46.2	37.7	56.5		
130	2.7	2.0	3.0		
166	31.0	24.7	37.1		

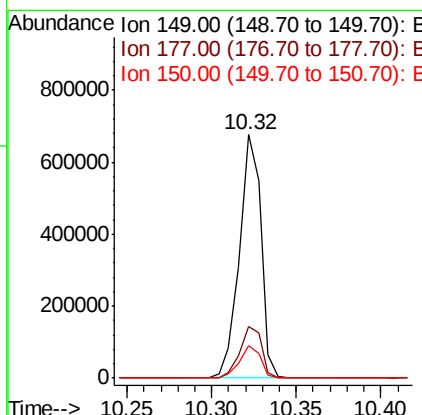
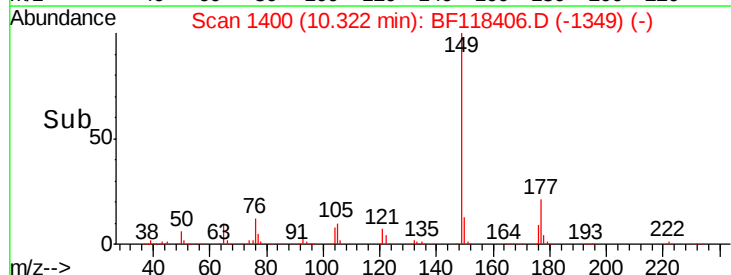
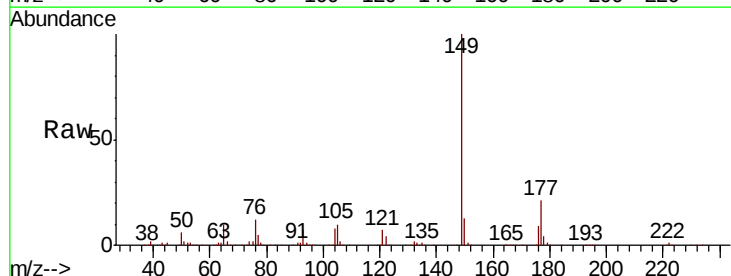
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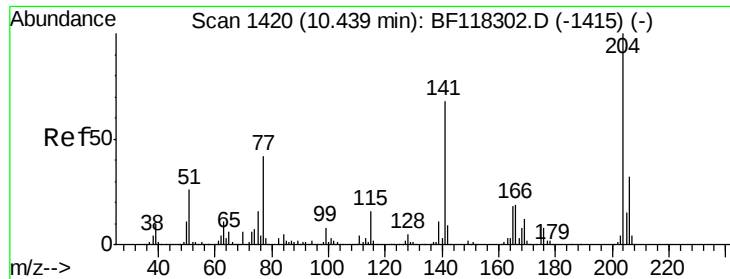
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#60
 Diethylphthalate
 Concen: 41.808 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		599351		
177	21.0	17.9	26.9		
150	13.1	10.2	15.2		





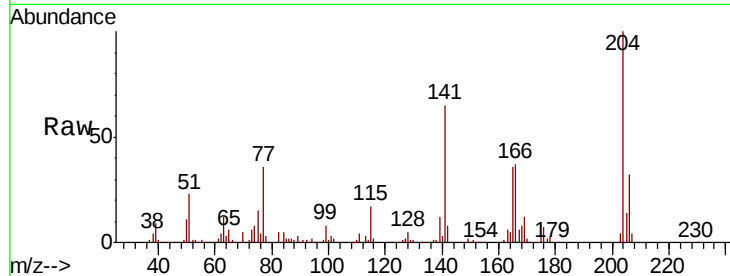
#61
4-Chlorophenyl-phenylether
Concen: 42.282 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	65.1	54.2	81.4

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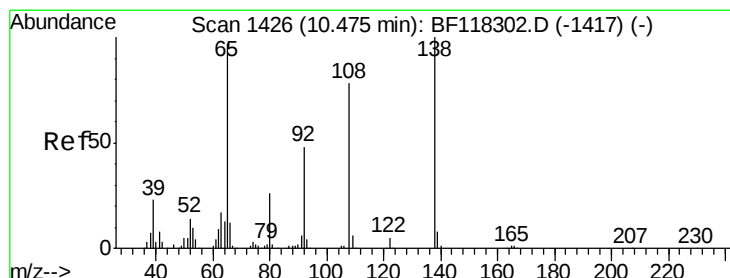
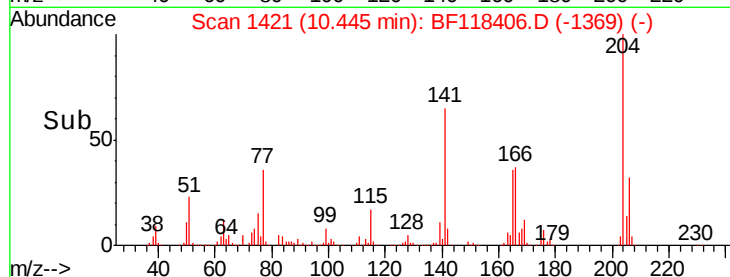
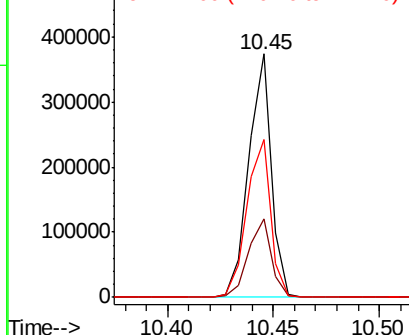


Abundance

Ion 204.00 (203.70 to 204.70): E

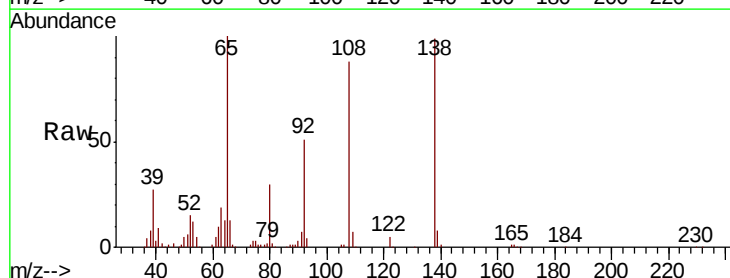
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.411 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	27.9	67.9
108	88.8	58.1	98.1

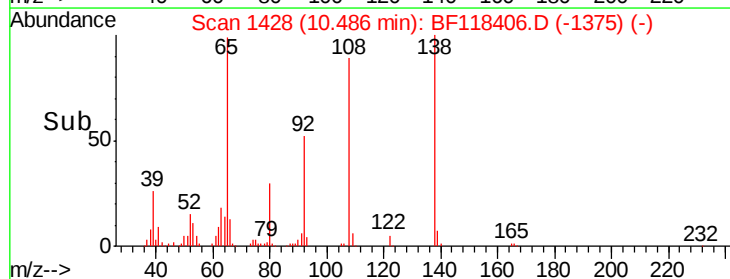
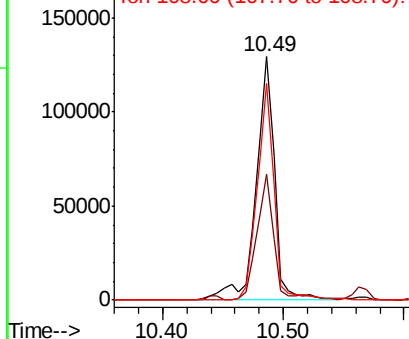


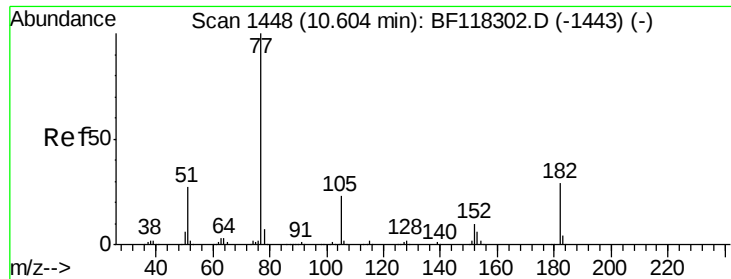
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





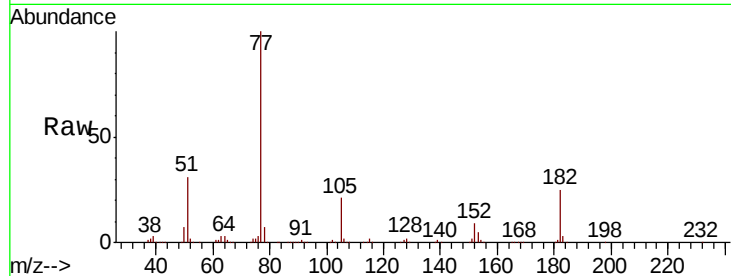
#63
Azobenzene
Concen: 45.441 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

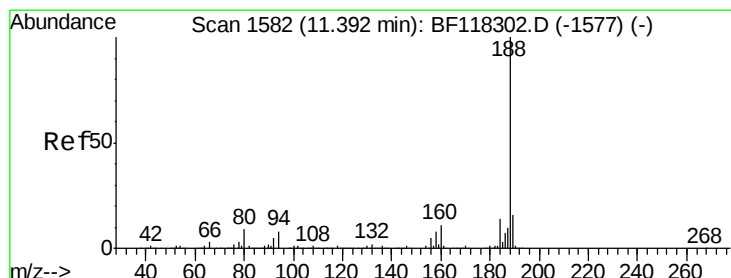
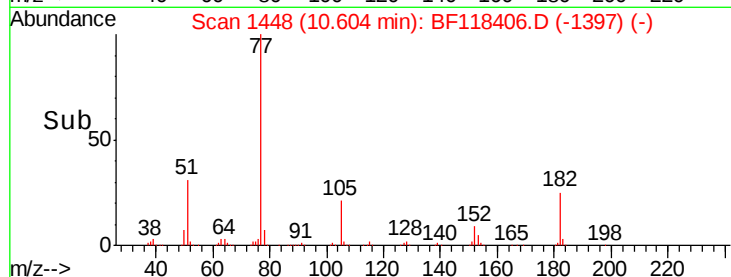
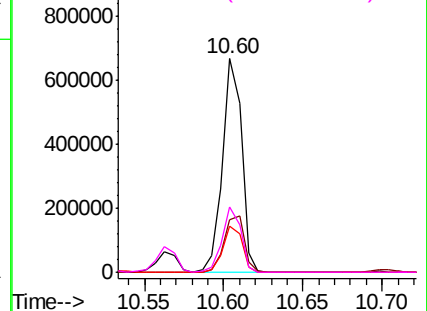
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.8	9.2	49.2
105	21.5	3.2	43.2
51	30.6	7.1	47.1

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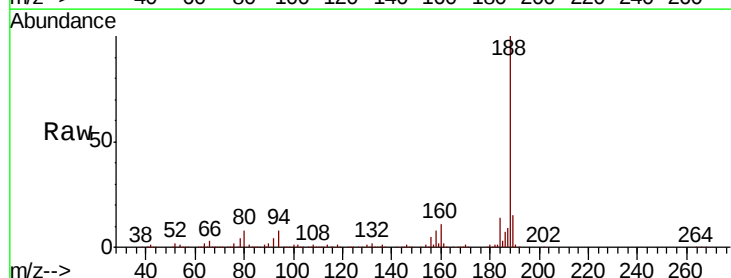


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

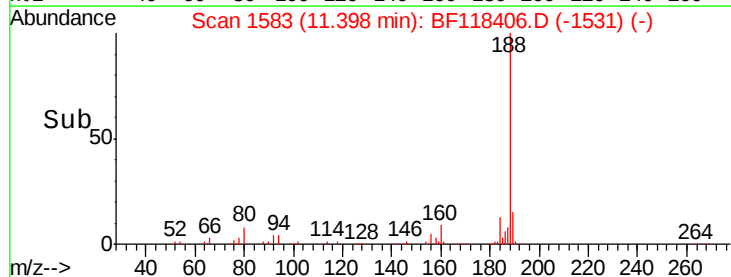
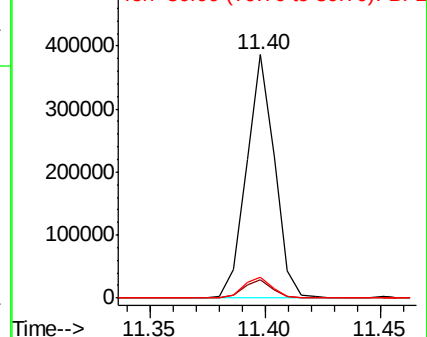


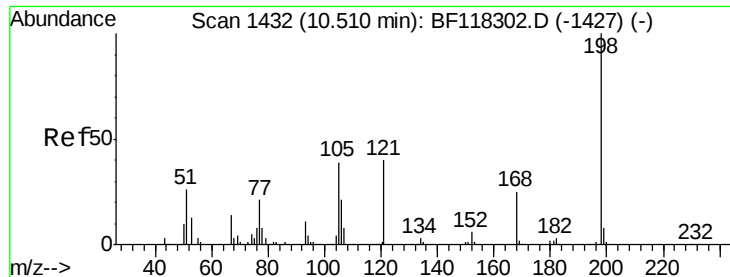
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.5	7.2	10.8



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: 47.783 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion:198 Resp: 84700

Ion Ratio Lower Upper

198 100

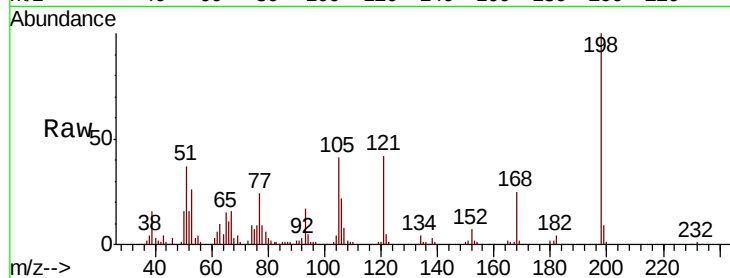
51 37.5 12.8 52.8

105 40.7 20.3 60.3

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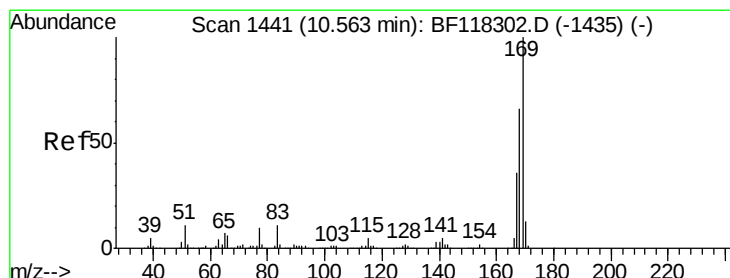
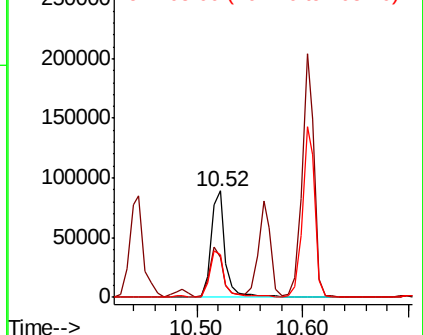
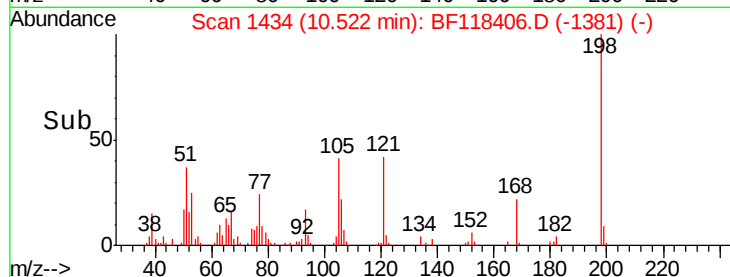
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.480 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

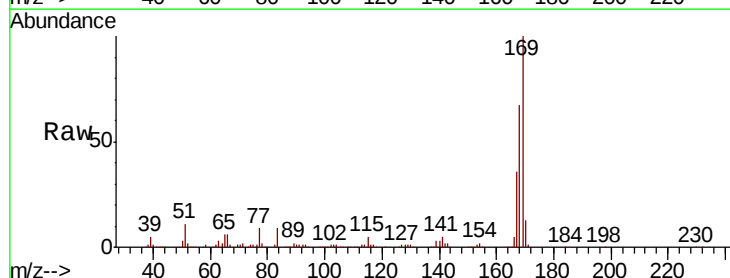
Tgt Ion:169 Resp: 510553

Ion Ratio Lower Upper

169 100

168 66.9 52.6 79.0

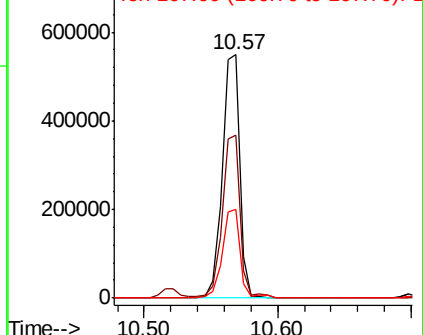
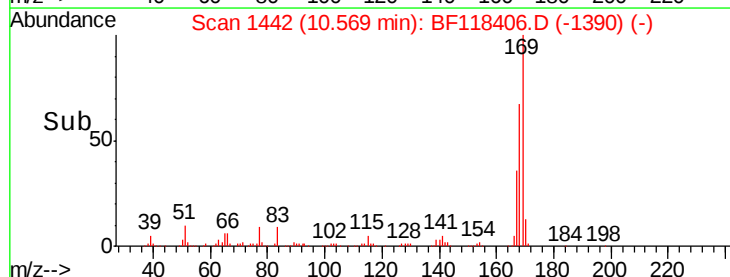
167 36.3 28.4 42.6

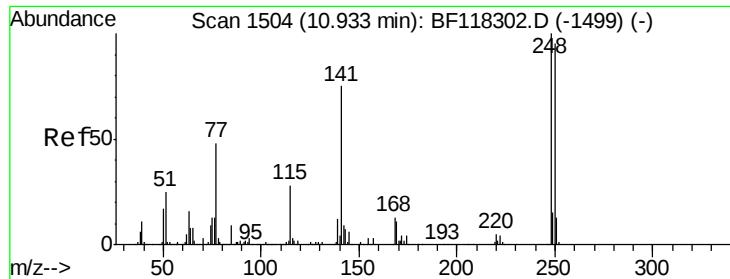


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





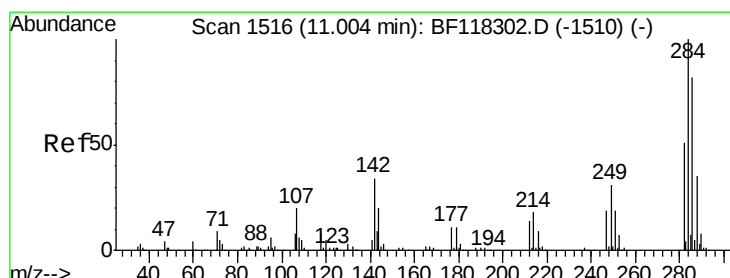
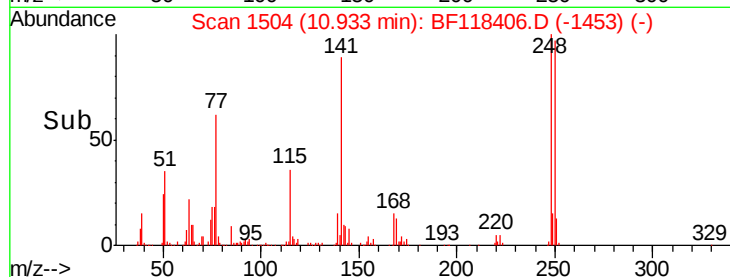
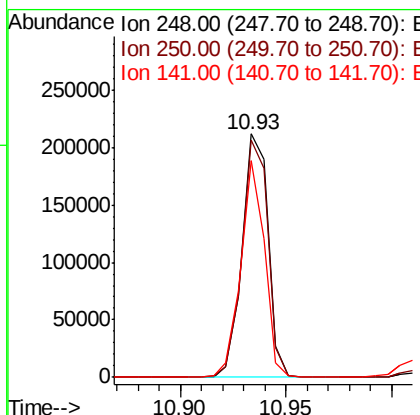
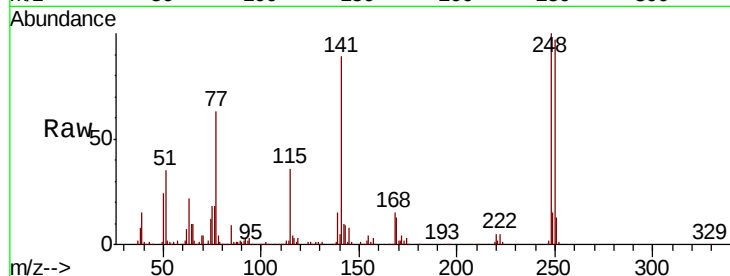
#67
4-Bromophenyl-phenylether
Concen: 47.022 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.4	114.6
141	89.0	60.2	90.2

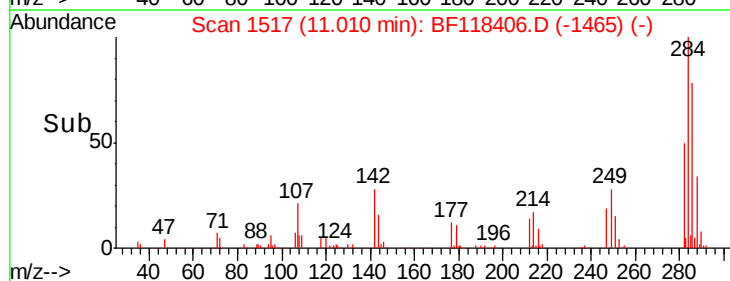
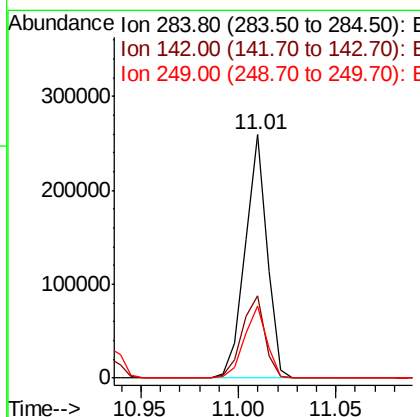
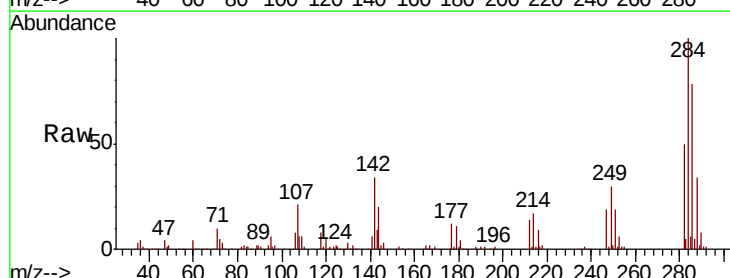
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#68
Hexachlorobenzene
Concen: 44.651 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	27.3	40.9
249	29.6	25.0	37.6





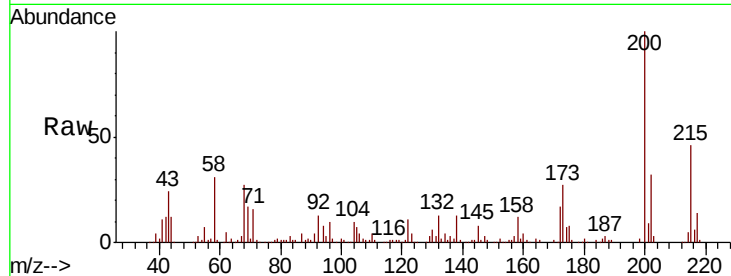
#69
Atrazine
Concen: 55.435 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	5.8	45.8
215	45.5	25.1	65.1

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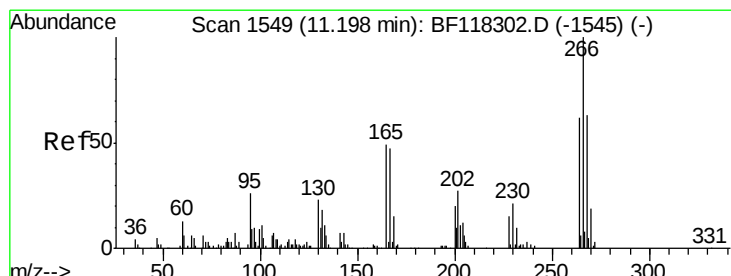
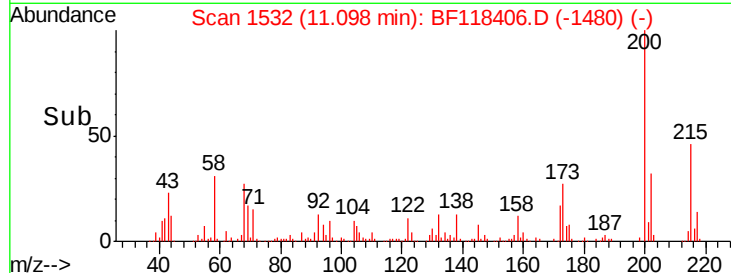
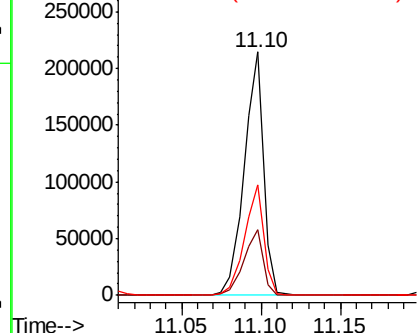


Abundance

Ion 200.00 (199.70 to 200.70): E

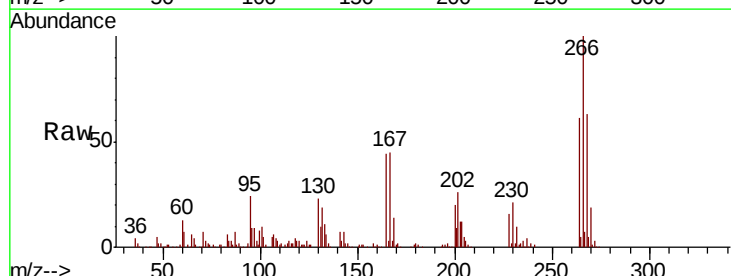
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.754 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	50.6	76.0
264	61.4	49.9	74.9

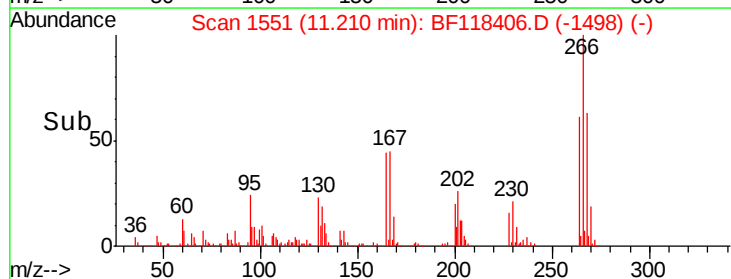
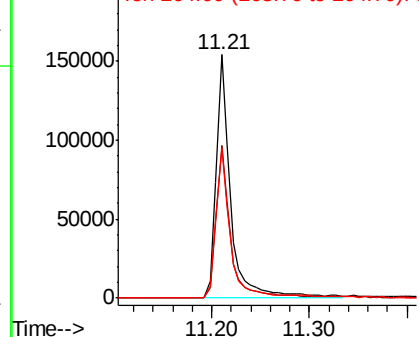


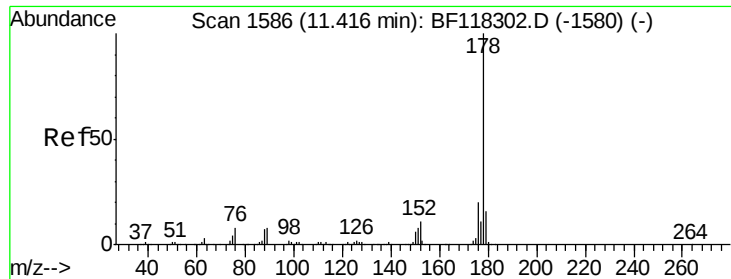
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





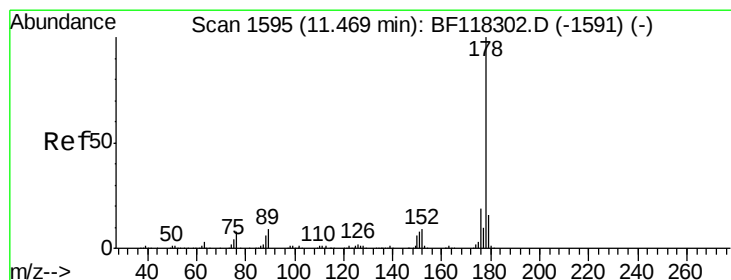
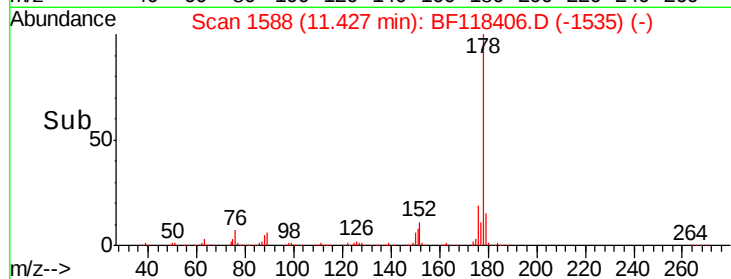
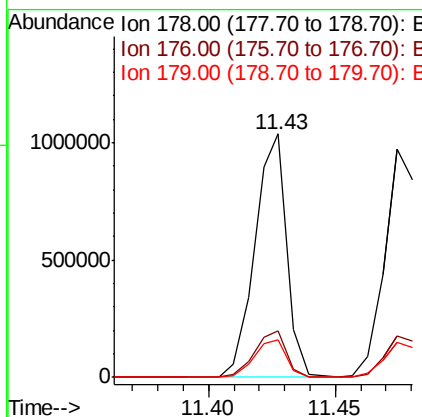
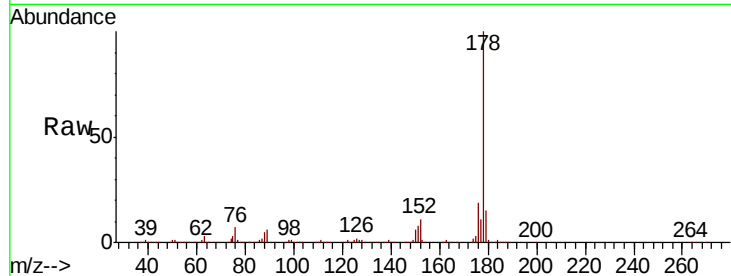
#71
Phenanthrene
Concen: 50.435 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.6	19.0

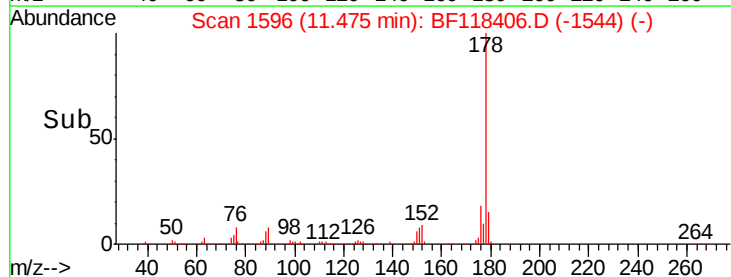
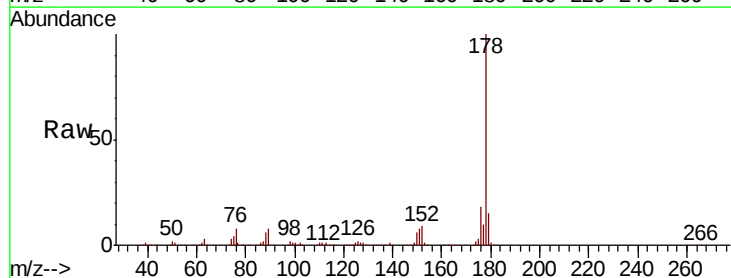
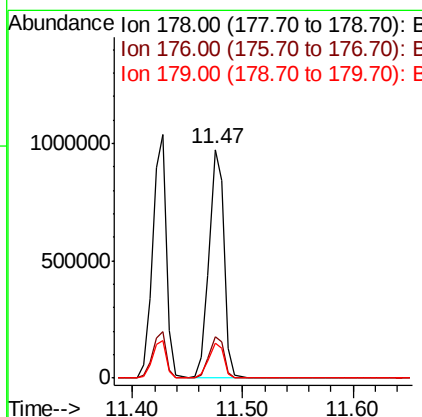
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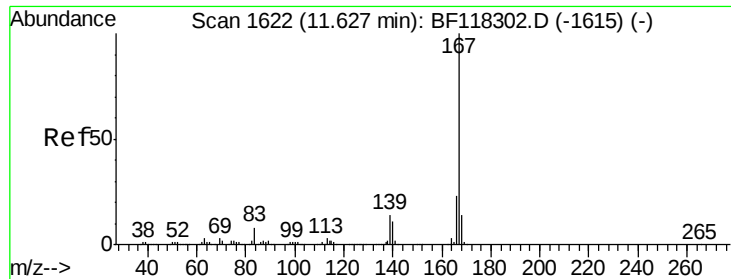
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#72
Anthracene
Concen: 49.528 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	15.1	12.9	19.3





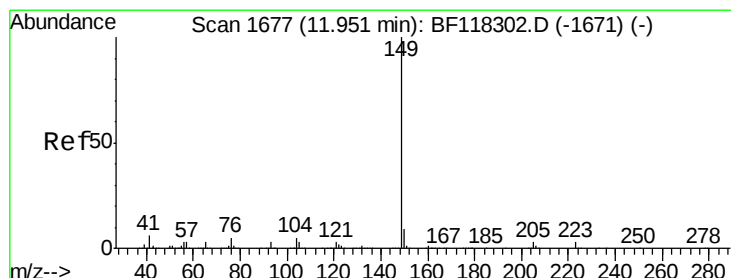
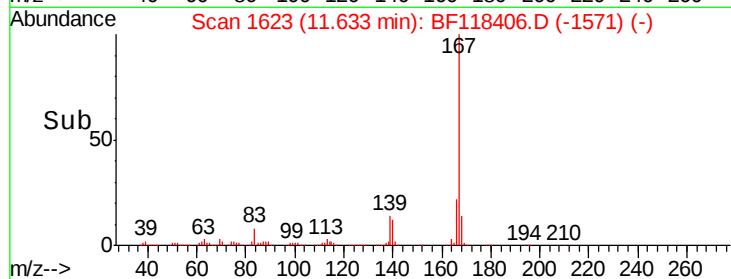
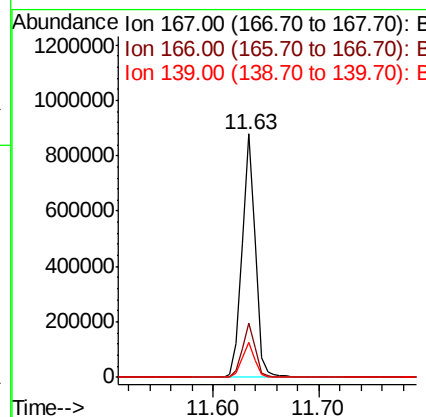
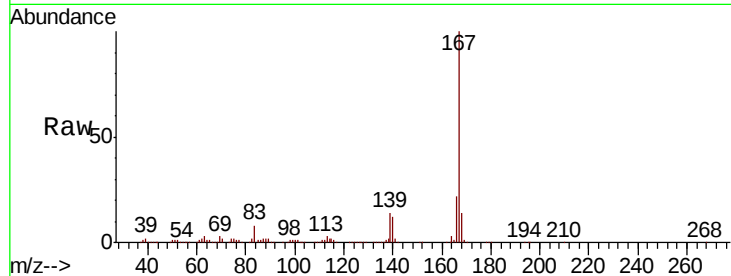
#73
 Carbazole
 Concen: 46.963 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0		18.1	27.1	
139	14.2		11.5	17.3	

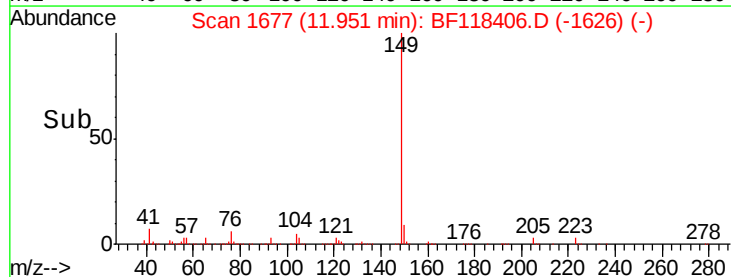
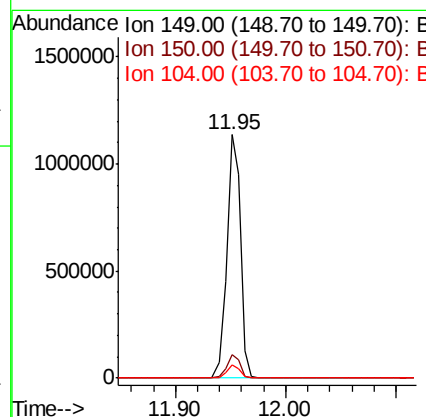
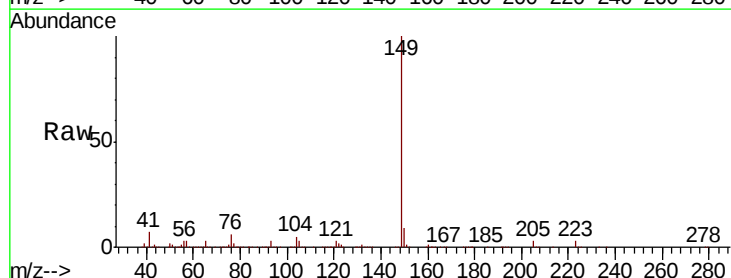
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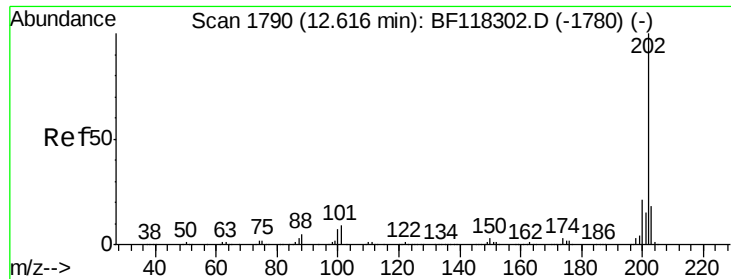
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.422 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.4		7.5	11.3	
104	5.5		4.0	6.0	





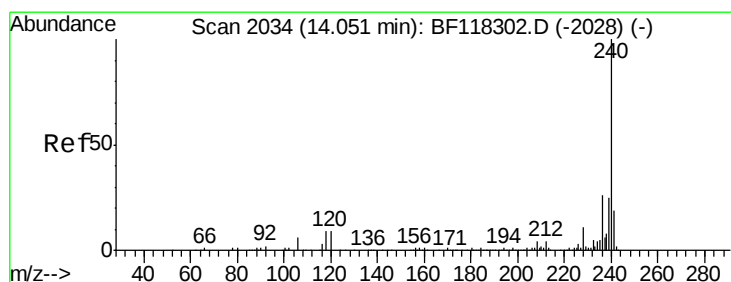
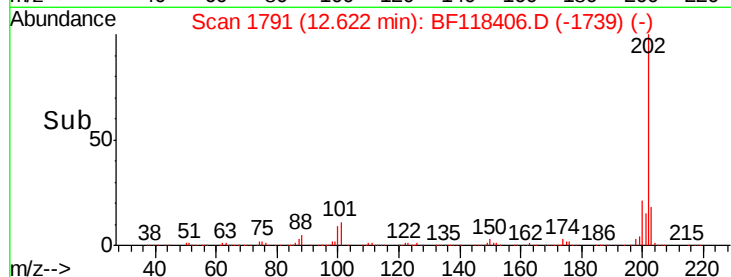
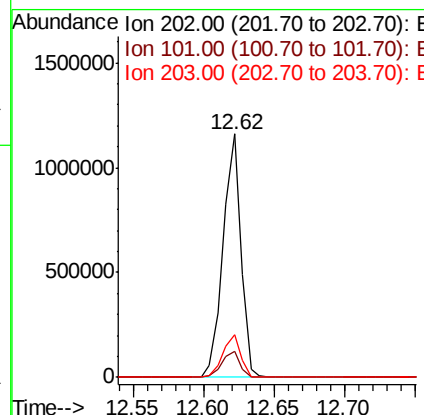
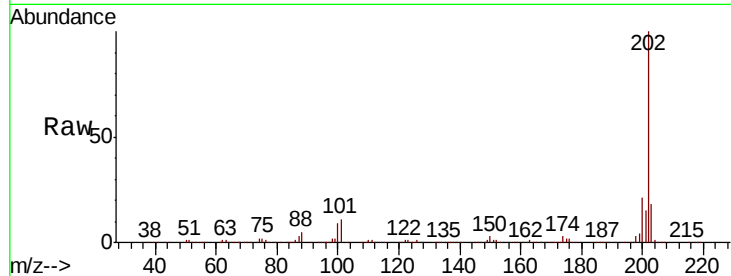
#75
Fluoranthene
Concen: 56.817 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.5
203	17.7	0.0	37.6

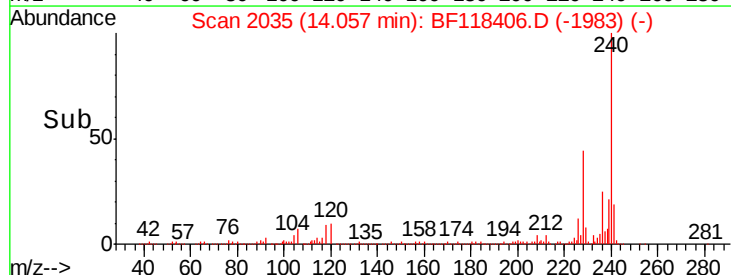
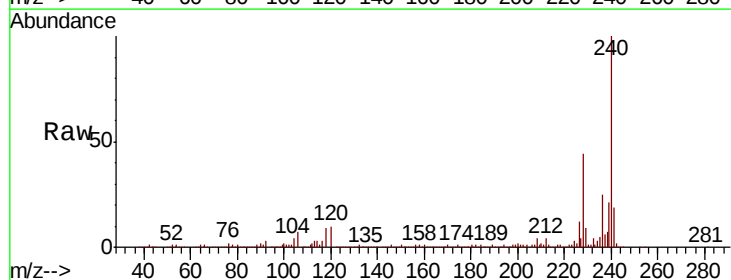
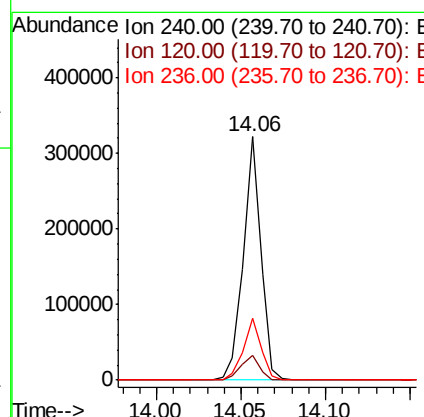
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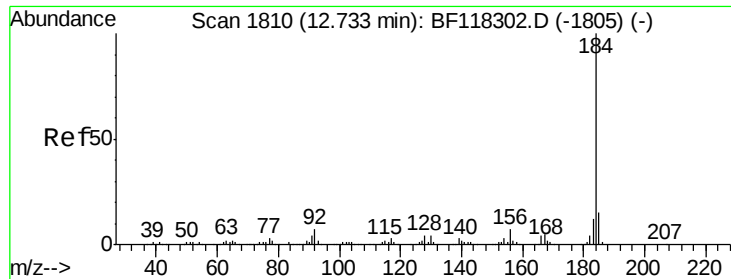
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	25.5	21.0	31.6





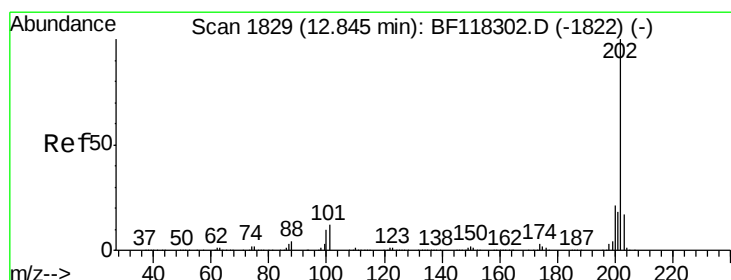
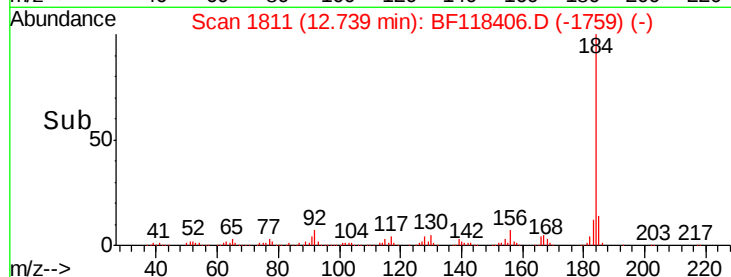
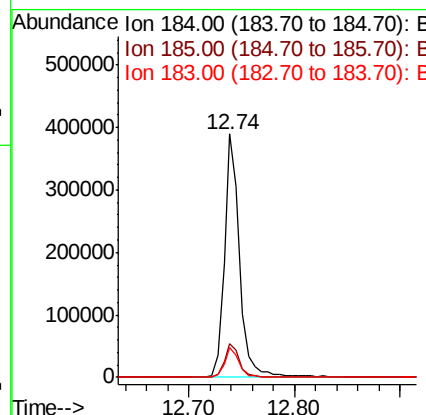
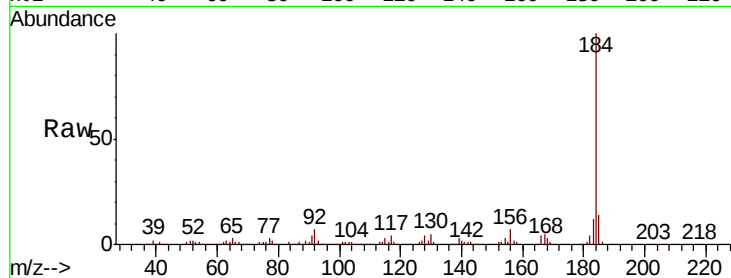
#77
Benzidine
Concen: 61.621 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.3	18.5
183	12.4	9.4	14.2

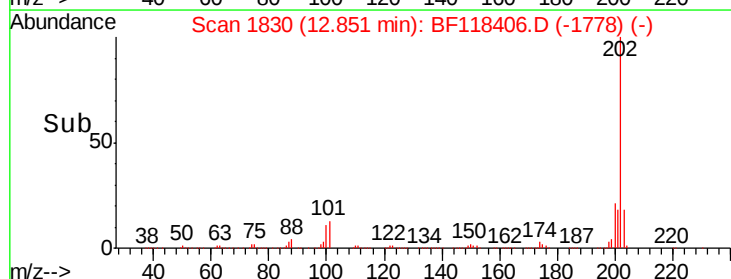
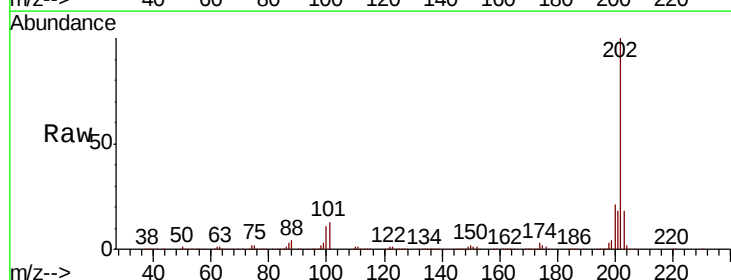
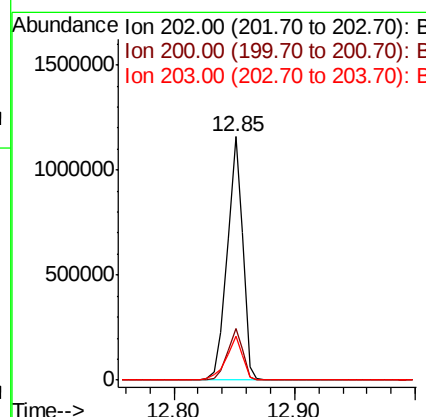
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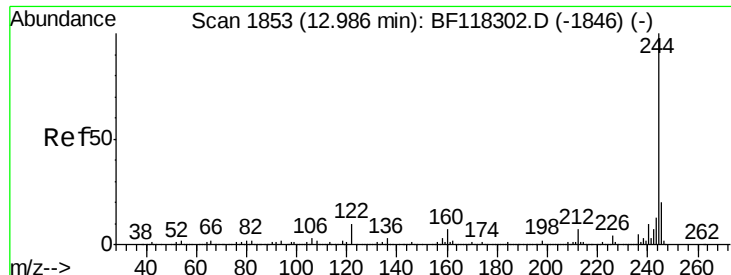
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#78
Pyrene
Concen: 53.617 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.8	13.9	20.9





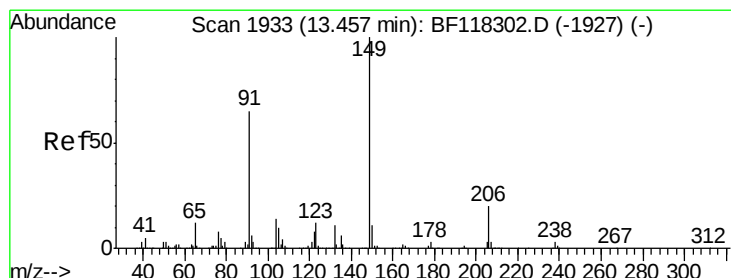
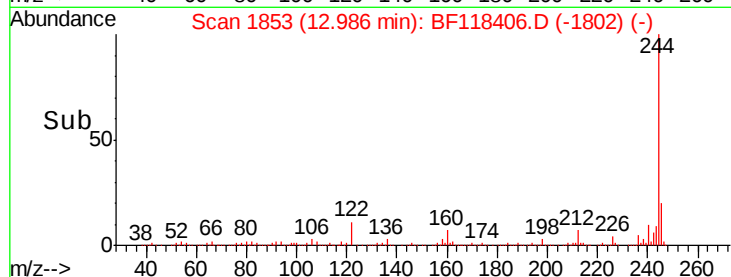
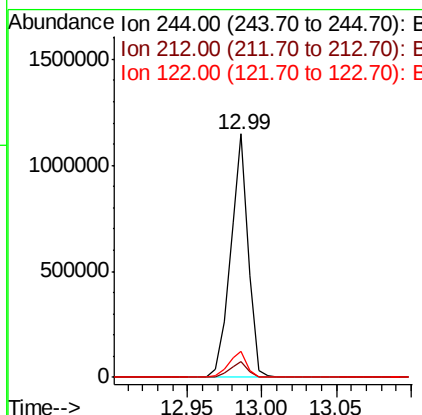
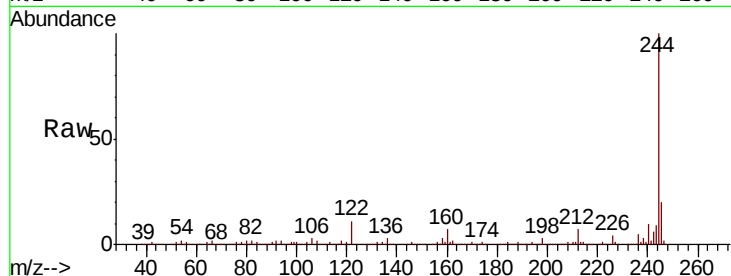
#79
 Terphenyl-d14
 Concen: 67.964 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.7	7.8	11.8

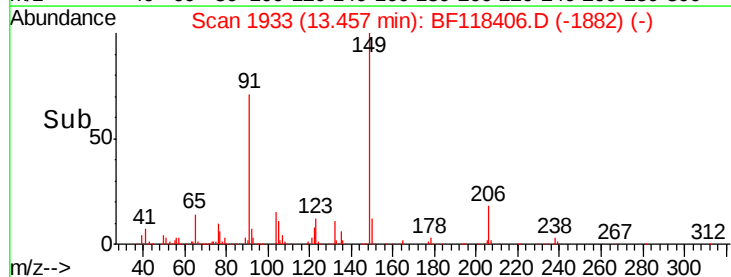
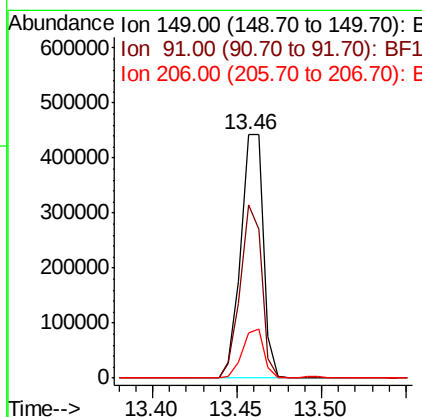
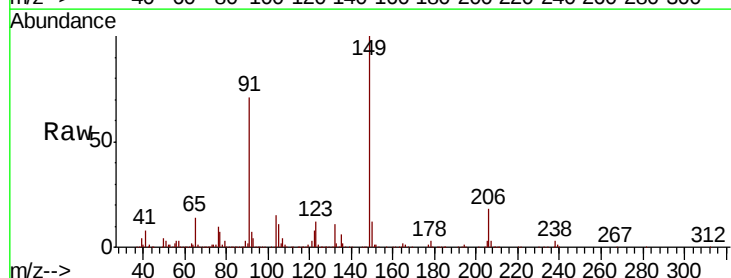
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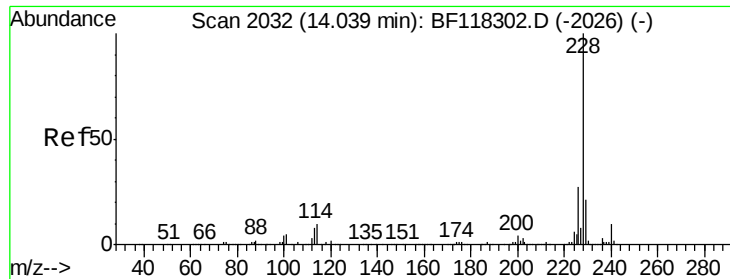
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#80
 Butylbenzylphthalate
 Concen: 48.225 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	51.8	77.6
206	18.5	15.7	23.5





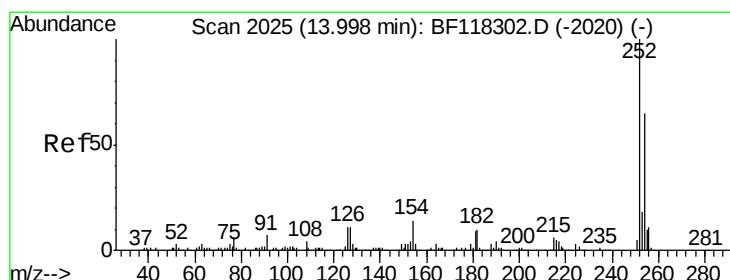
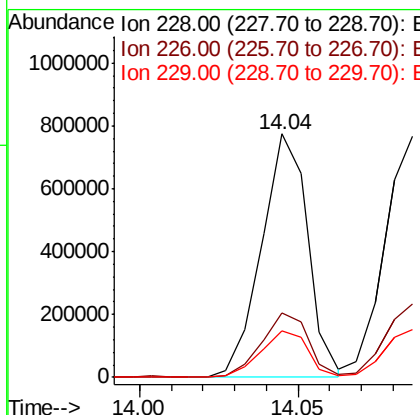
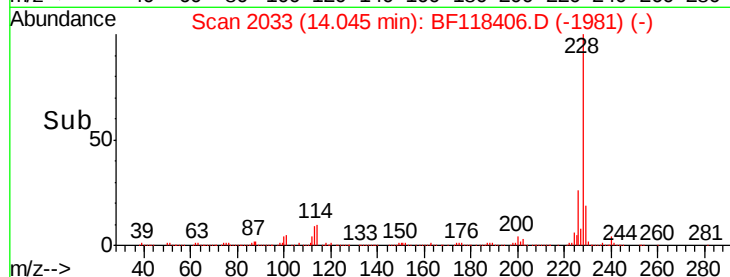
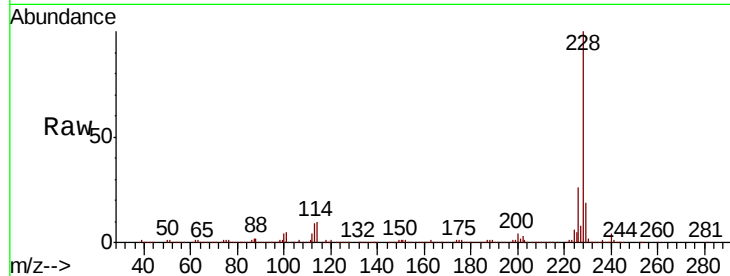
#81
Benzo(a)anthracene
Concen: 47.946 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.0	33.0
229	19.1	16.6	24.8

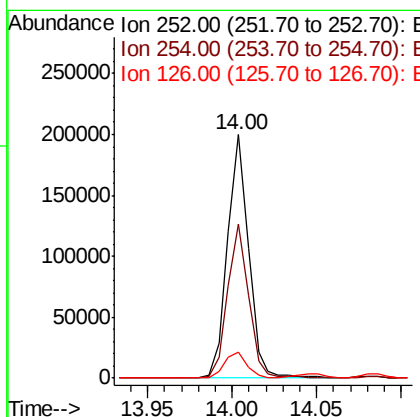
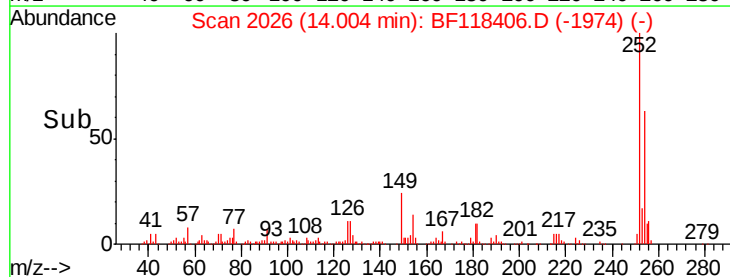
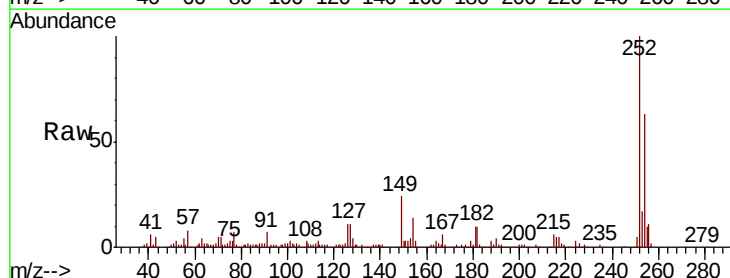
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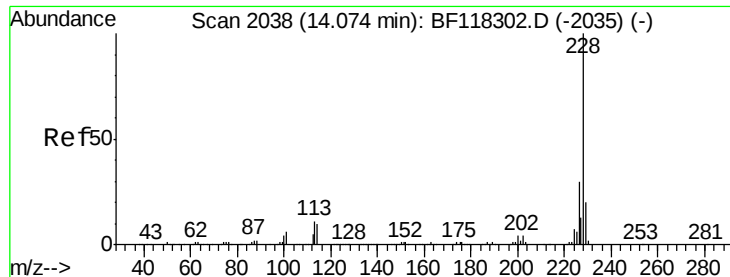
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#82
3,3'-Dichlorobenzidine
Concen: 31.483 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.8	77.8
126	10.6	8.7	13.1





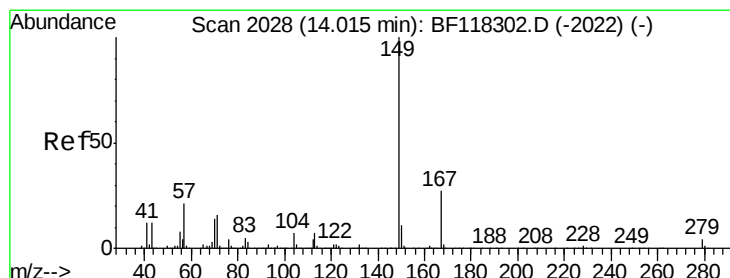
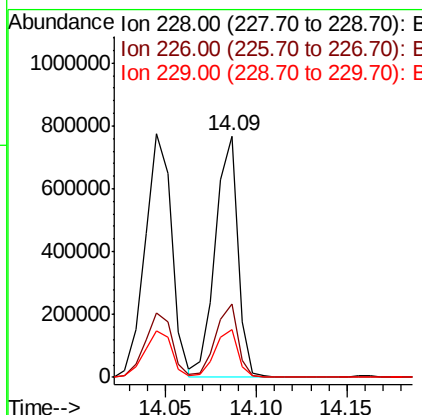
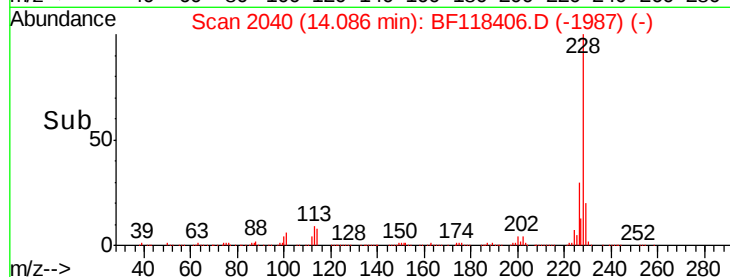
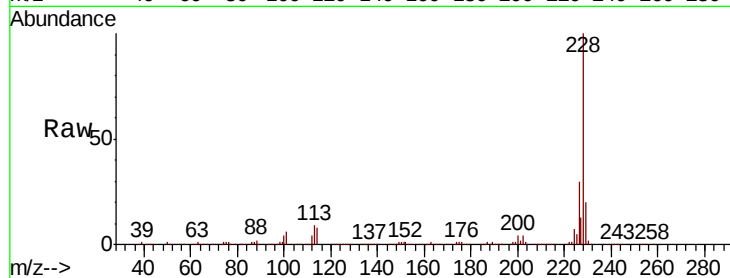
#83
 Chrvsene
 Concen: 42.267 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.0	16.1	24.1

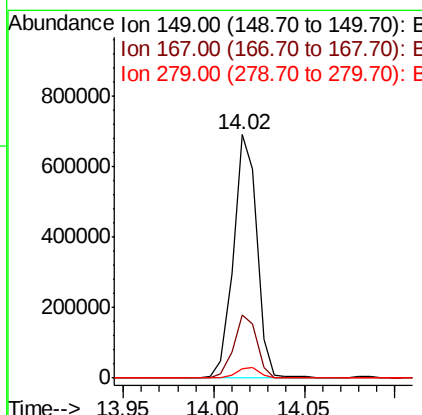
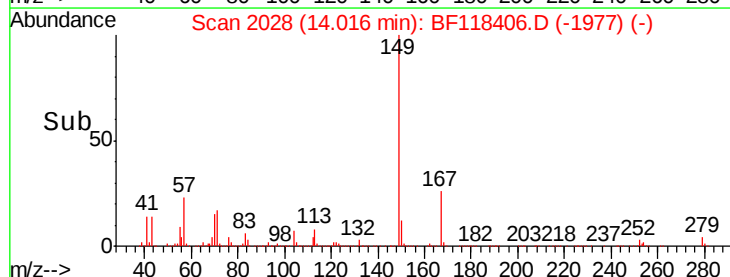
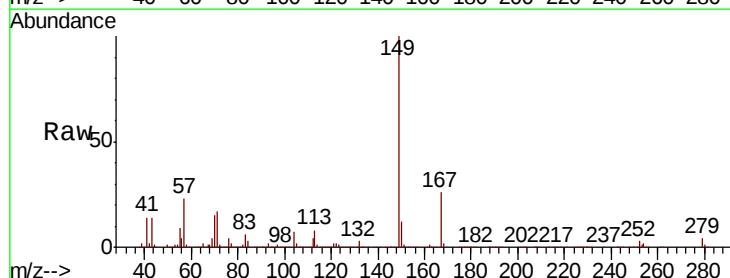
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.974 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.7	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 56.355 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

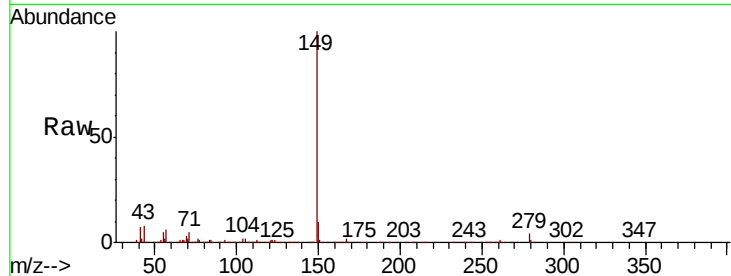
ClientSampleId :

GP-9-(8-10)MS

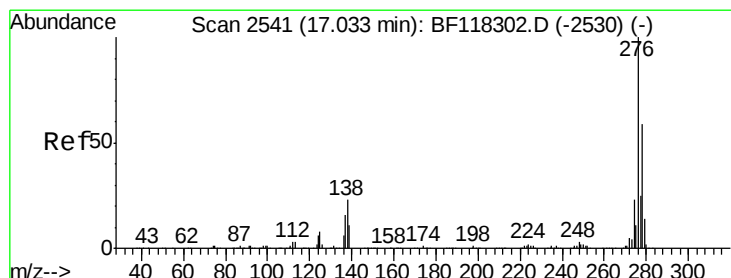
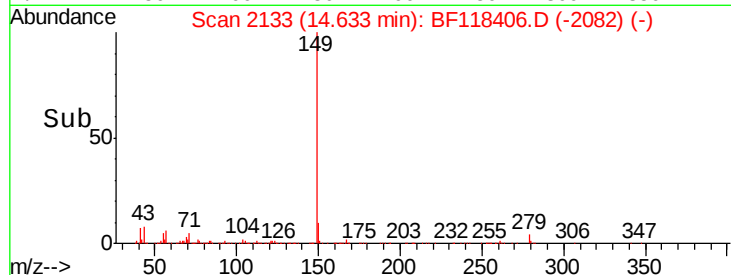
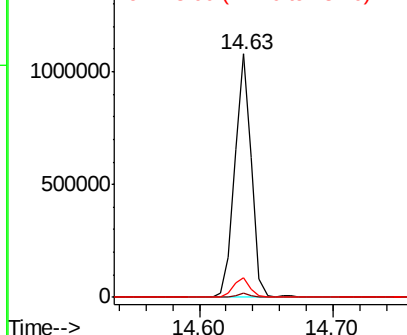
Tot Ion:	149	Resp:	936464
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.8	6.1	9.1

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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: 57.473 ng

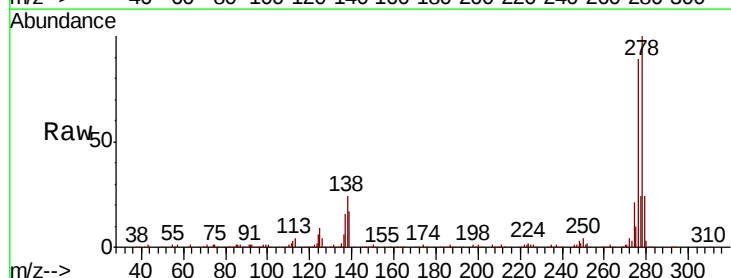
RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

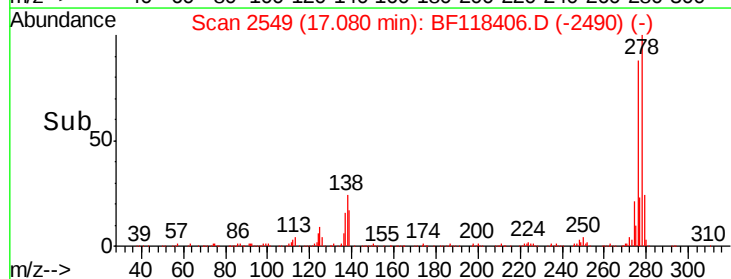
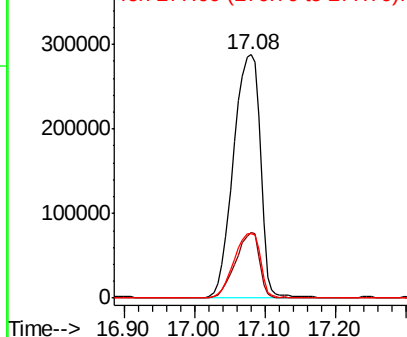
Lab File: BF118406.D

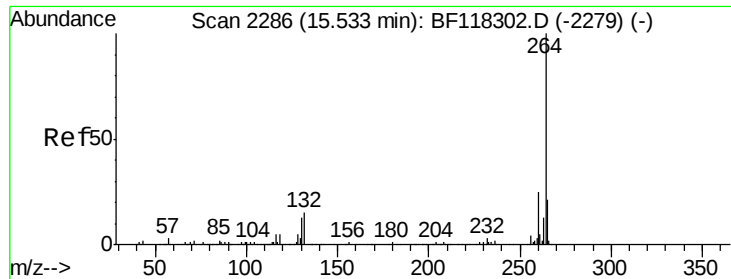
Acq: 31 Dec 2019 15:37

Tgt Ion:	276	Resp:	766895
Ion Ratio	Lower	Upper	
276	100		
138	24.1	19.5	29.3
277	26.3	20.6	30.8



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





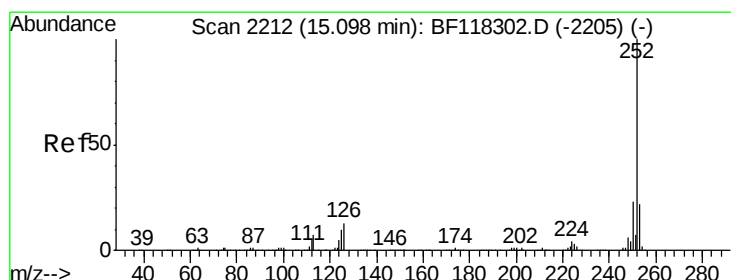
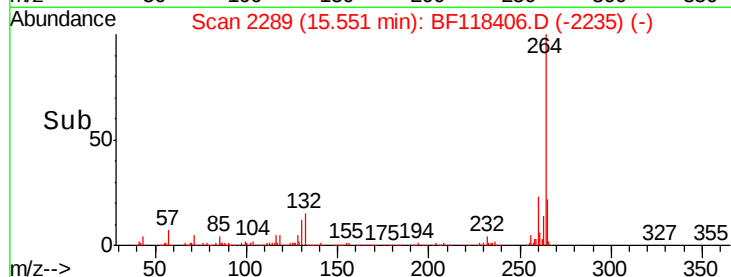
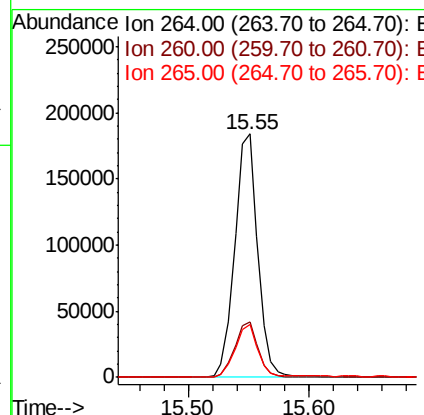
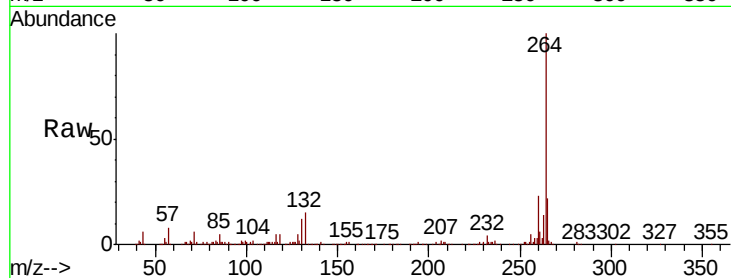
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.8	29.6
265	21.7	17.0	25.4

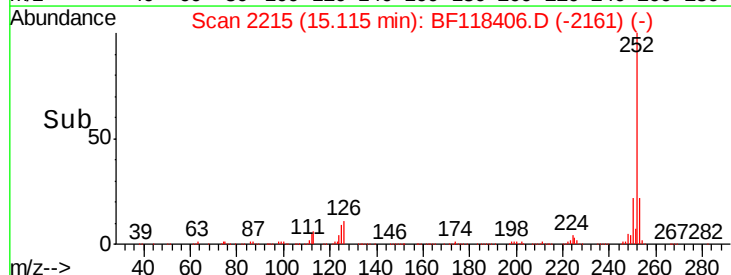
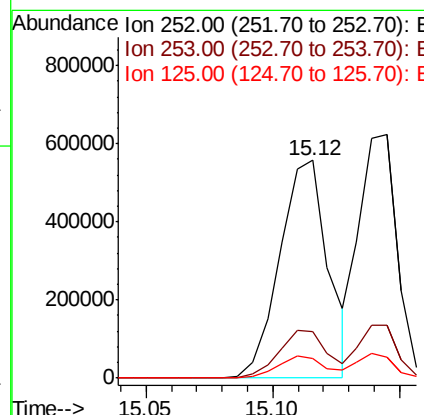
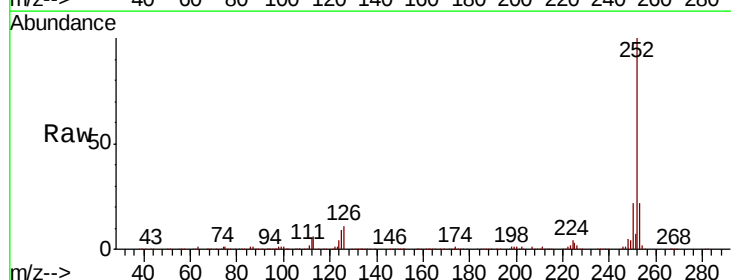
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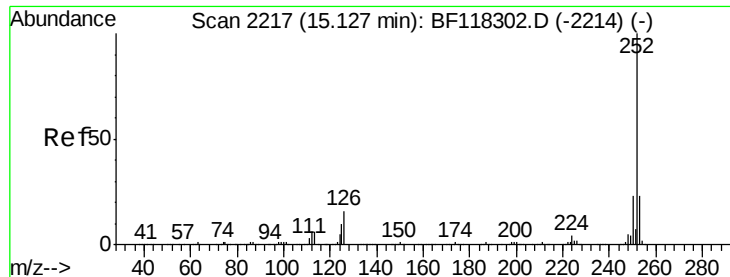
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#88
Benzo(b)fluoranthene
Concen: 45.593 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.1	7.7	11.5





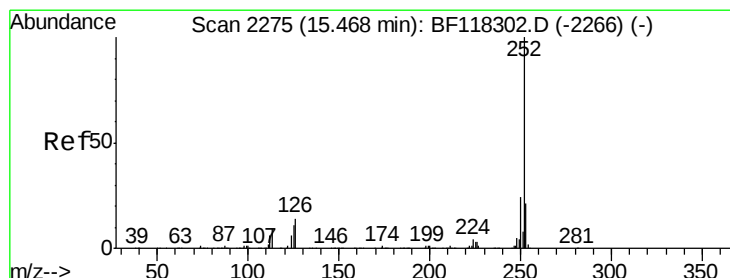
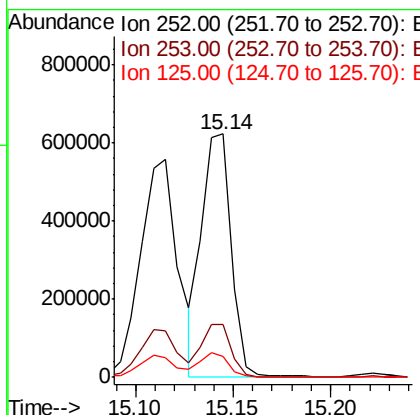
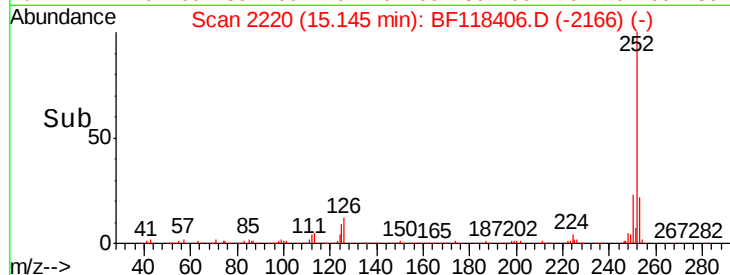
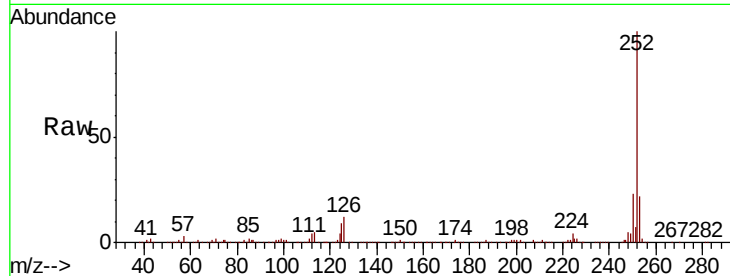
#89
Benzo(k)fluoranthene
Concen: 41.872 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.7	8.0	12.0

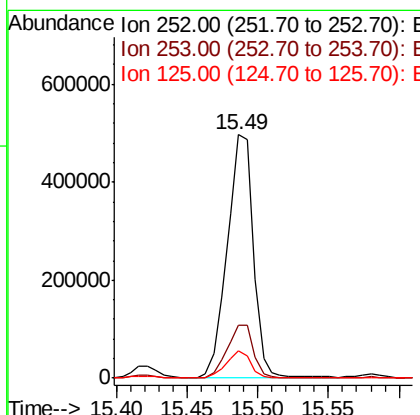
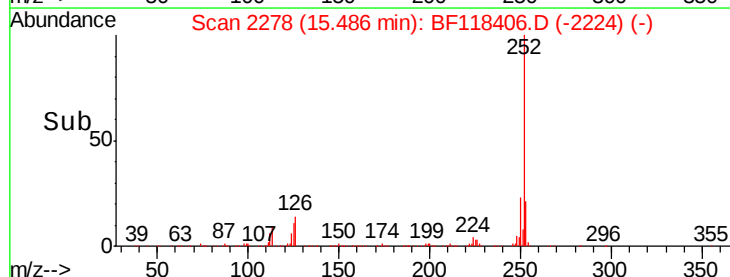
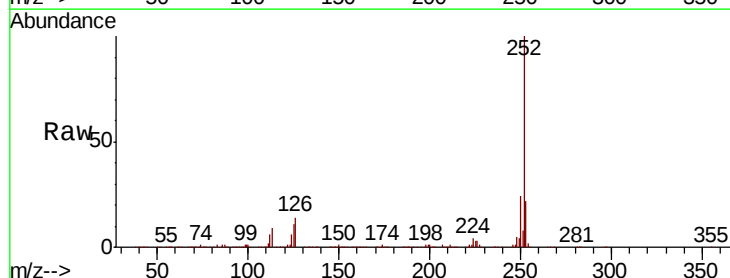
Manual Integrations
APPROVED

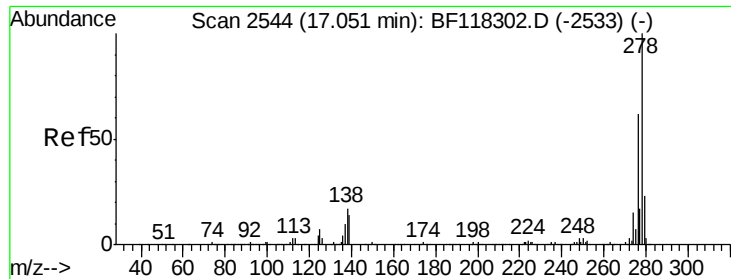
mohammad
1/2/2020 11:49:52 AM



#90
Benzo(a)pyrene
Concen: 44.712 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.4	9.0	13.4





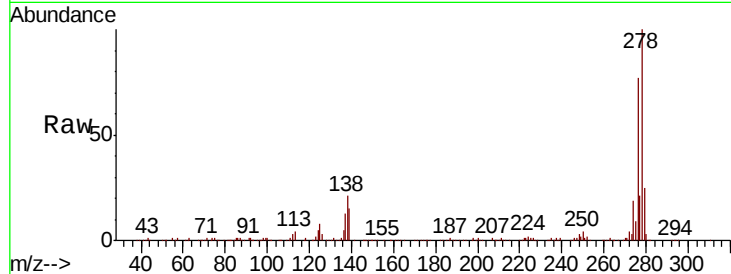
#91
Dibenzo(a,h)anthracene
Concen: 50.909 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

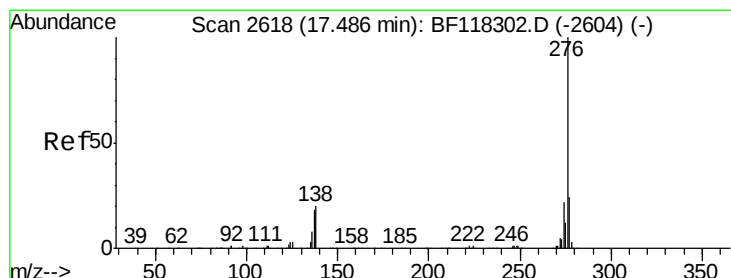
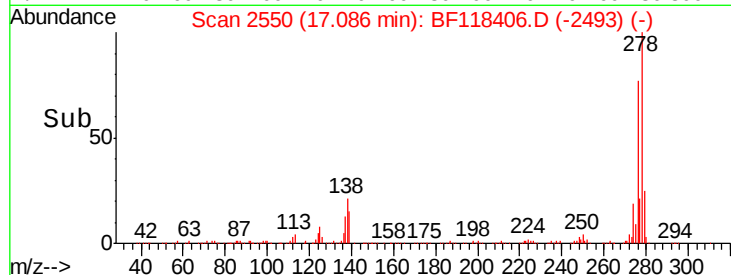
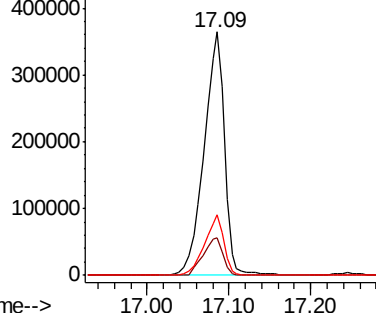
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.8	18.3	27.5

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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: 53.609 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.1	28.7
138	20.5	16.1	24.1

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

