

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
 Data File : BF118933.D
 Acq On : 14 Feb 2020 15:49
 Operator : CG/JU
 Sample : PB126820BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Manual Integrations
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mohammad
 2/17/2020 3:48:58 PM

Quant Time: Feb 15 04:03:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	165435	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	629005	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	353577	20.00	ng	-0.05
64) Phenanthrene-d10	11.30	188	670136	20.00	ng	-0.04
76) Chrysene-d12	13.93	240	501502	20.00	ng	-0.05
87) Perylene-d12	15.36	264	462362	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1528770	174.92	ng	-0.02
7) Phenol-d6	6.42	99	1898431	174.99	ng	-0.03
23) Nitrobenzene-d5	7.34	82	813200	77.06	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	517149	122.24	ng	-0.04
45) 2-Fluorobiphenyl	9.13	172	1639781	82.91	ng	-0.05
79) Terphenyl-d14	12.88	244	2584065	105.84	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	245760	61.70	ng	99
3) Pyridine	3.32	79	587504	53.12	ng	99
4) n-Nitrosodimethylamine	3.25	42	257468	63.94	ng	99
6) Aniline	6.44	93	665328	47.62	ng	# 36
8) 2-Chlorophenol	6.57	128	655042	67.29	ng	99
9) Benzaldehyde	6.32	77	311677	59.56	ng	95
10) Phenol	6.43	94	760314	63.03	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	564960	61.22	ng	99
12) 1,3-Dichlorobenzene	6.72	146	615805	53.15	ng	98
13) 1,4-Dichlorobenzene	6.79	146	532778	46.10	ng	99
14) 1,2-Dichlorobenzene	6.95	146	499481	45.24	ng	99
15) Benzyl Alcohol	6.92	79	403686	48.14	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	474764	42.01	ng	96
17) 2-Methylphenol	7.04	107	397125	49.07	ng	97
18) Hexachloroethane	7.29	117	188198	45.37	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	302672	45.60	ng	98
20) 3+4-Methylphenols	7.19	107	471069	46.44	ng	94
22) Acetophenone	7.19	105	618797	45.28	ng	99
24) Nitrobenzene	7.36	77	496183	47.07	ng	100
25) Isophorone	7.60	82	876998	46.24	ng	98
26) 2-Nitrophenol	7.67	139	271922	48.41	ng	98
27) 2,4-Dimethylphenol	7.72	122	418552	54.85	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	534329	43.45	ng	98
29) 2,4-Dichlorophenol	7.92	162	425533	46.56	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	474064	44.38	ng	99
31) Naphthalene	8.08	128	1383150	48.08	ng	99
32) Benzoic acid	7.86	122	265187	41.97	ng	98
33) 4-Chloroaniline	8.13	127	348553	27.08	ng	99
34) Hexachlorobutadiene	8.20	225	279198	42.66	ng	99
35) Caprolactam	8.50	113	141834m	47.88	ng	
36) 4-Chloro-3-methylphenol	8.62	107	435431	47.35	ng	99
37) 2-Methylnaphthalene	8.77	142	947167	47.47	ng	97
38) 1-Methylnaphthalene	8.87	142	889134	47.37	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	459602	43.07	ng	99

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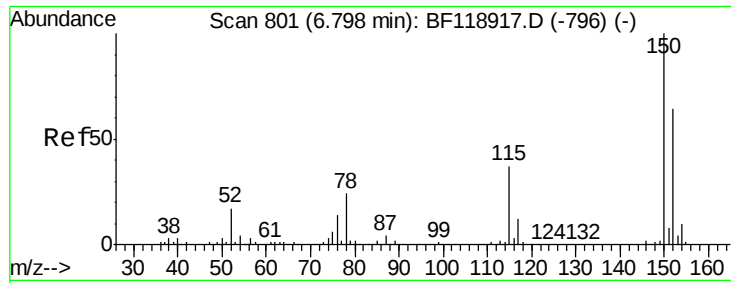
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Quant Time: Feb 15 04:03:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	429524	102.65	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	313283	43.90	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	332636	45.62	ng	98
46) 1,1'-Biphenyl	9.23	154	1129018	46.16	ng	99
47) 2-Chloronaphthalene	9.26	162	921551	45.32	ng	99
48) 2-Nitroaniline	9.36	65	258544	44.09	ng	96
49) Acenaphthylene	9.67	152	1423750	48.50	ng	98
50) Dimethylphthalate	9.54	163	1079290	44.83	ng	99
51) 2,6-Dinitrotoluene	9.60	165	254064	46.12	ng	98
52) Acenaphthene	9.85	154	821995	42.49	ng	99
53) 3-Nitroaniline	9.76	138	174221	28.52	ng	92
54) 2,4-Dinitrophenol	9.88	184	227293	85.83	ng	96
55) Dibenzofuran	10.02	168	1257507	44.98	ng	98
56) 4-Nitrophenol	9.95	139	378667	85.64	ng	95
57) 2,4-Dinitrotoluene	10.00	165	338991	46.50	ng	# 86
58) Fluorene	10.36	166	970772	46.15	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280356	44.03	ng	97
60) Diethylphthalate	10.24	149	1027333	43.88	ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	495935	43.48	ng	97
62) 4-Nitroaniline	10.39	138	260419	42.57	ng	97
63) Azobenzene	10.51	77	922519	46.16	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	178301	47.35	ng	99
66) n-Nitrosodiphenylamine	10.47	169	896530	46.19	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	340408	42.94	ng	98
68) Hexachlorobenzene	10.92	284	387772	42.65	ng	95
69) Atrazine	11.00	200	322633	49.89	ng	99
70) Pentachlorophenol	11.11	266	362739	75.55	ng	98
71) Phenanthrene	11.32	178	1497199	45.41	ng	99
72) Anthracene	11.37	178	1972165	60.13	ng	99
73) Carbazole	11.53	167	1725756	59.95	ng	99
74) Di-n-butylphthalate	11.86	149	1950390	53.19	ng	99
75) Fluoranthene	12.51	202	2168670	60.24	ng	100
77) Benzidine	12.63	184	1099148	72.46	ng	99
78) Pyrene	12.73	202	2225512	64.69	ng	99
80) Butylbenzylphthalate	13.35	149	876680	55.83	ng	99
81) Benzo(a)anthracene	13.92	228	1382807	46.34	ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	395307	32.39	ng	98
83) Chrysene	13.96	228	1373688	45.86	ng	97
84) Bis(2-ethylhexyl)phthalate	13.91	149	820189	41.17	ng	98
85) Di-n-octyl phthalate	14.52	149	1359664	39.84	ng	99
86) Indeno(1,2,3-cd)pyrene	16.78	276	1198340	39.82	ng	99
88) Benzo(b)fluoranthene	14.95	252	1392836	48.55	ng	99
89) Benzo(k)fluoranthene	14.98	252	1186353	47.49	ng	99
90) Benzo(a)pyrene	15.30	252	1127934	45.94	ng	98
91) Dibenzo(a,h)anthracene	16.79	278	1000948	45.92	ng	98
92) Benzo(g,h,i)perylene	17.20	276	1011274	48.24	ng	100

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



#1

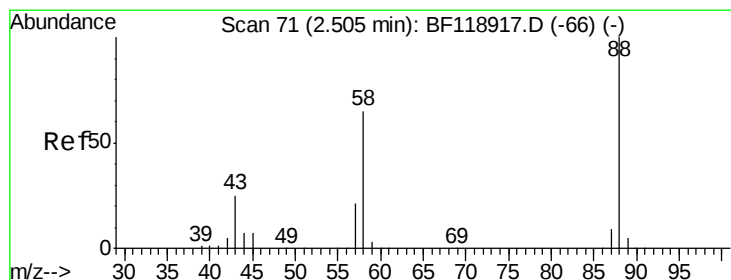
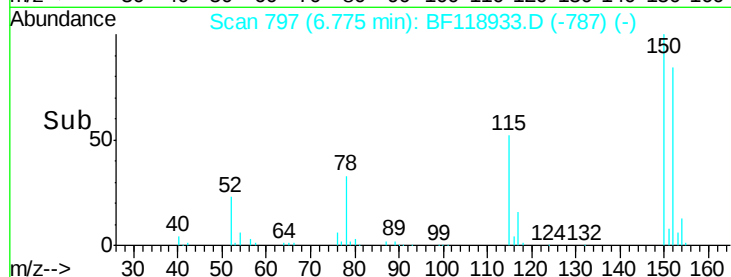
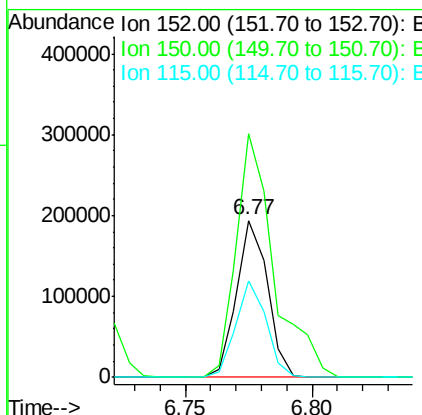
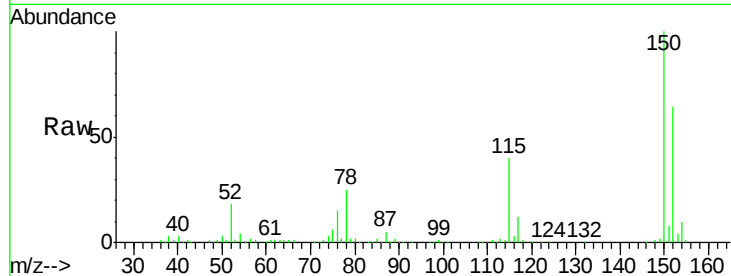
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.6	185.4
115	61.5	48.2	72.2

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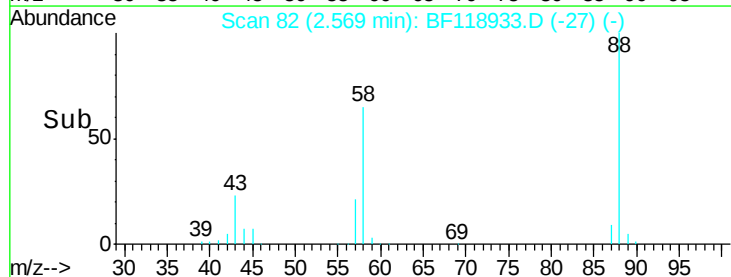
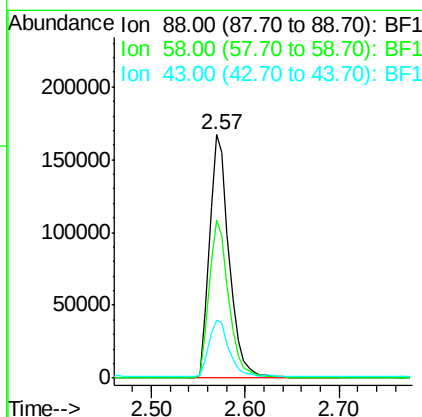
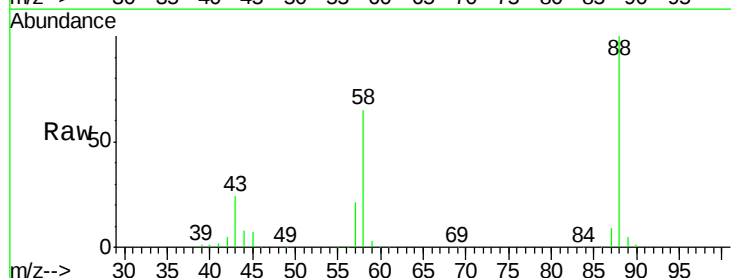
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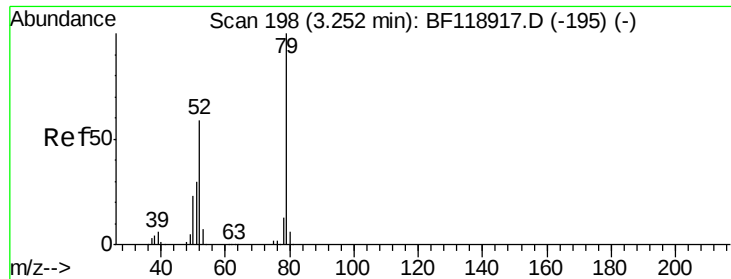


#2

1,4-Dioxane
Concen: 61.70 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.6	77.4
43	24.1	19.8	29.6





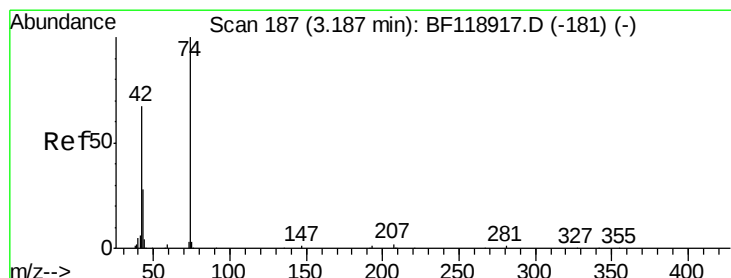
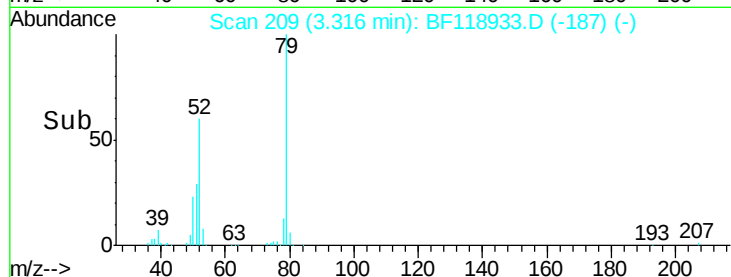
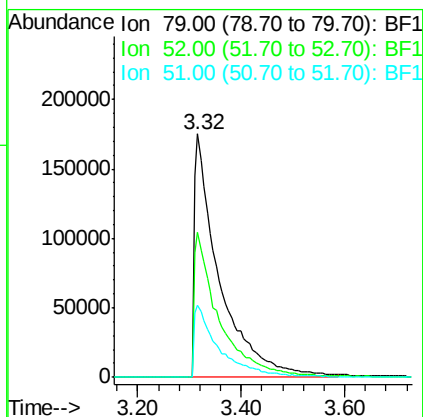
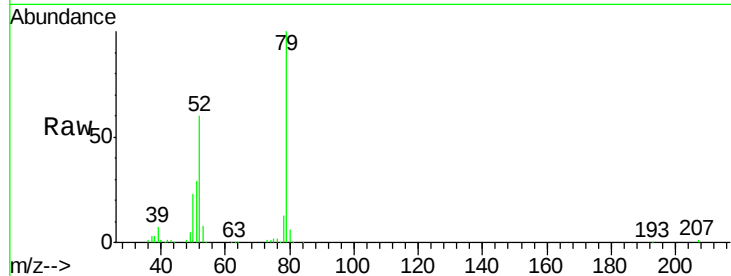
#3
 Pyridine
 Concen: 53.12 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.03 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.6	47.4	71.0
51	29.4	24.2	36.4

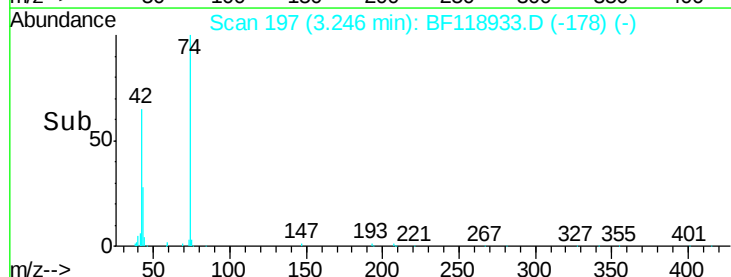
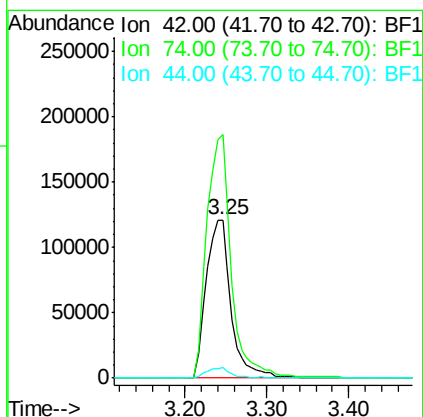
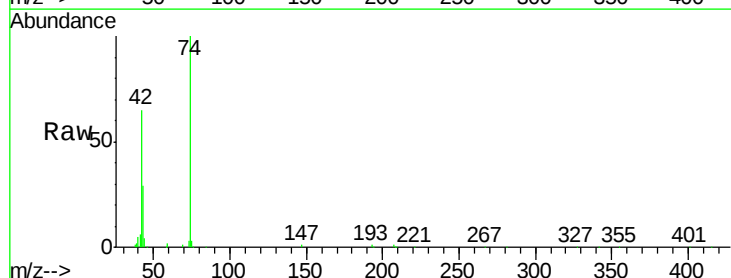
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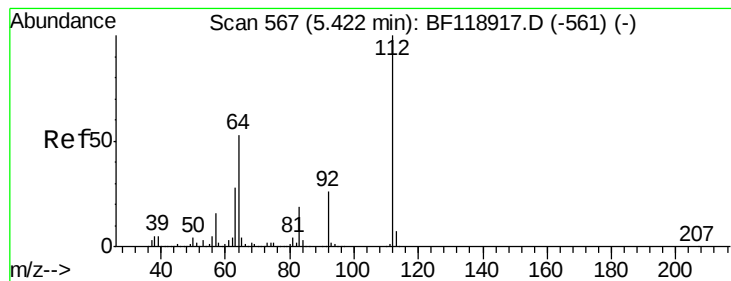
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#4
 n-Nitrosodimethylamine
 Concen: 63.94 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.7	124.3	186.5
44	6.7	5.3	7.9





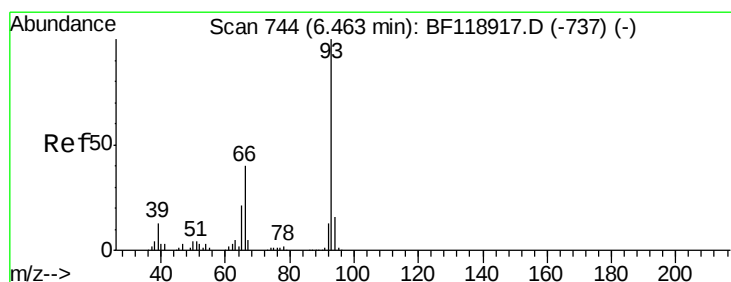
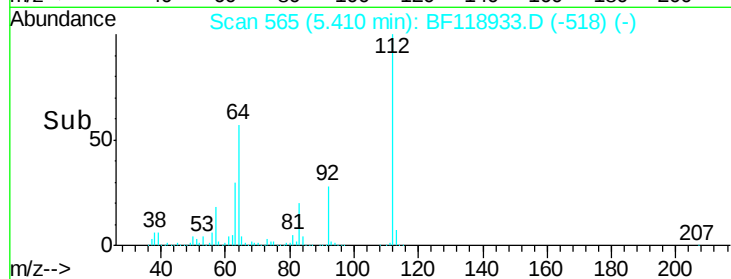
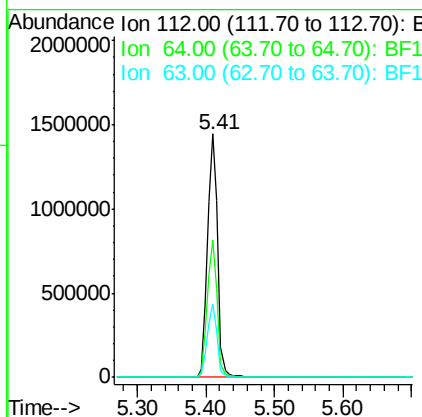
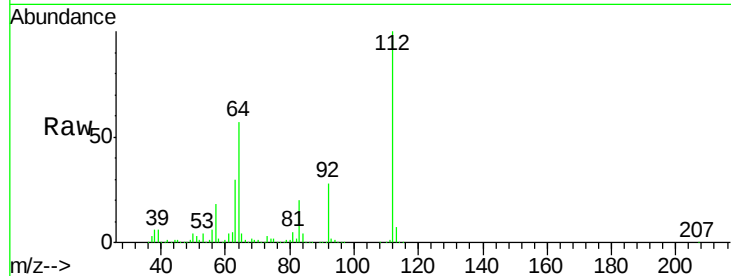
#5
2-Fluorophenol
Concen: 174.92 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.6	63.8
63	30.2	22.2	33.4

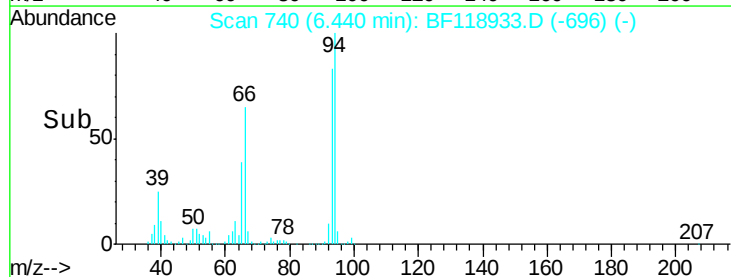
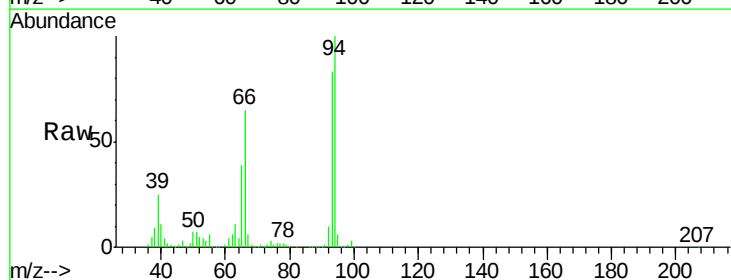
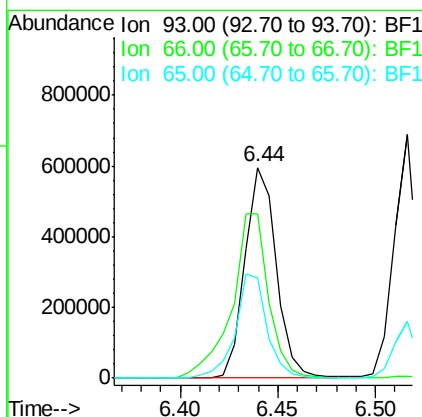
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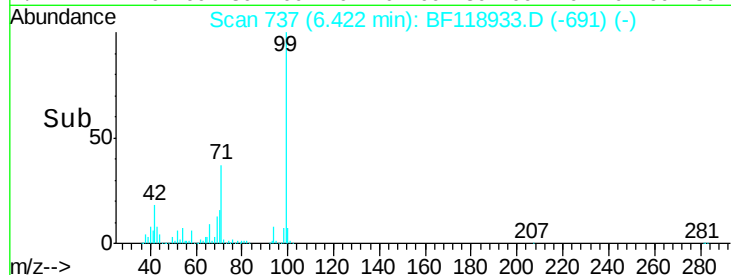
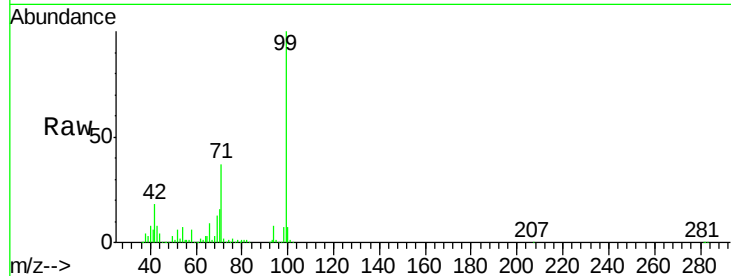
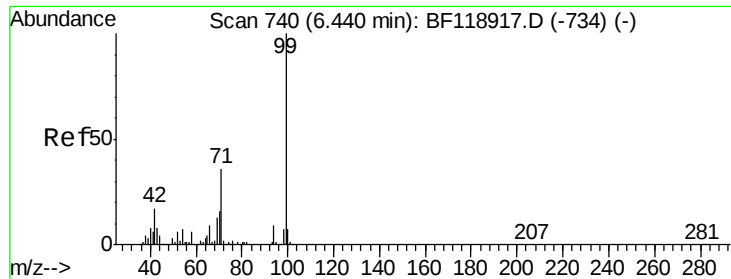
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#6
Aniline
Concen: 47.62 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
66	77.8	30.8	46.2#
65	47.3	15.4	23.0#





#7

Phenol-d6

Concen: 174.99 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:	99	Resp:	1898431
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.0
71	37.1	29.0	43.6

Instrument :

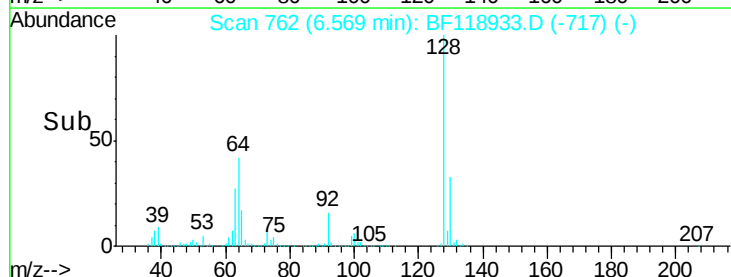
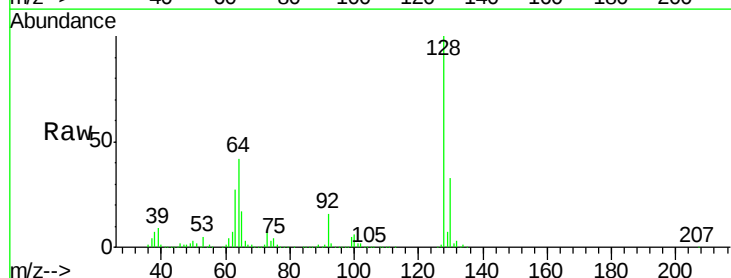
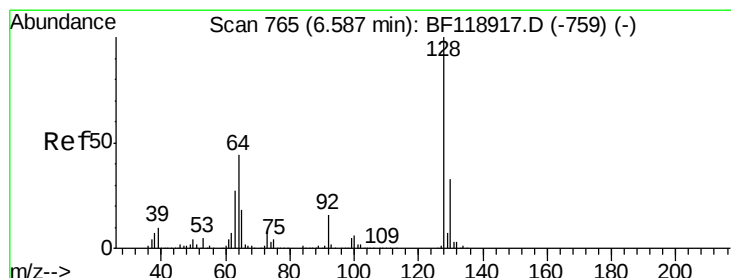
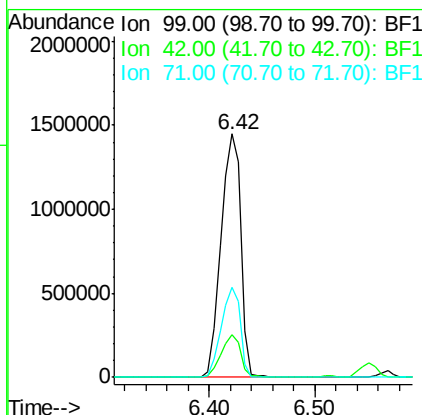
BNA_F

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#8

2-Chlorophenol

Concen: 67.29 ng

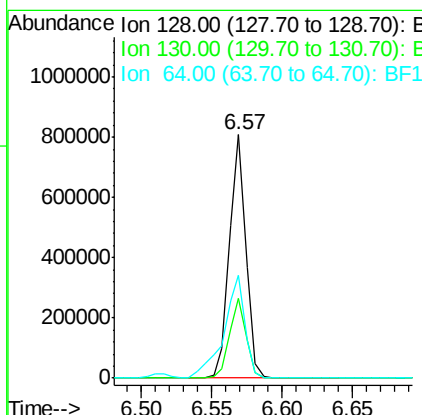
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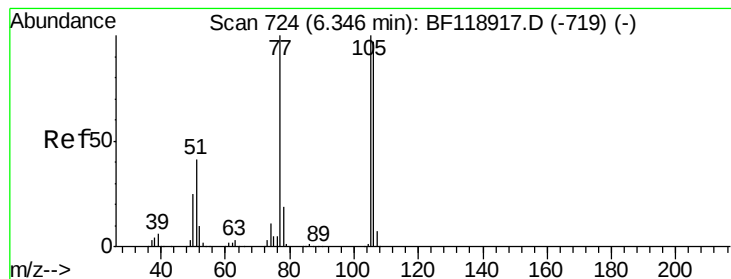
Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:	128	Resp:	655042
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.1	53.1
64	42.0	23.0	63.0





#9

Benzaldehyde

Concen: 59.56 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

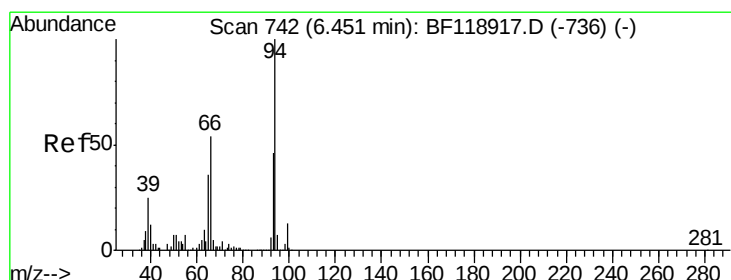
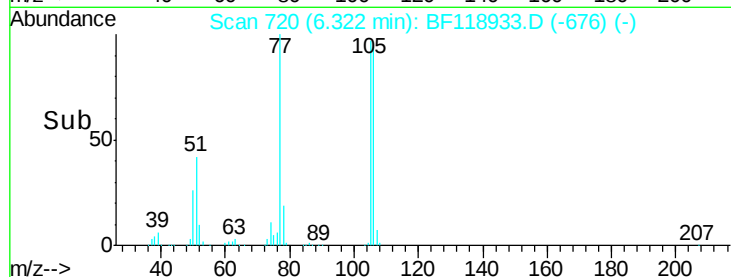
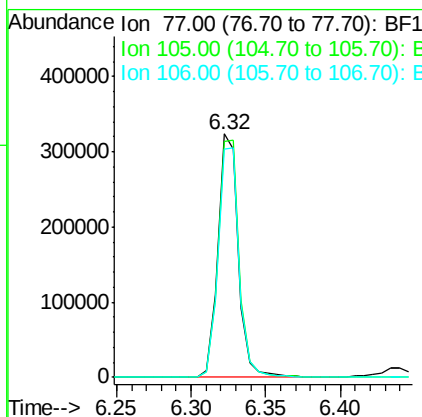
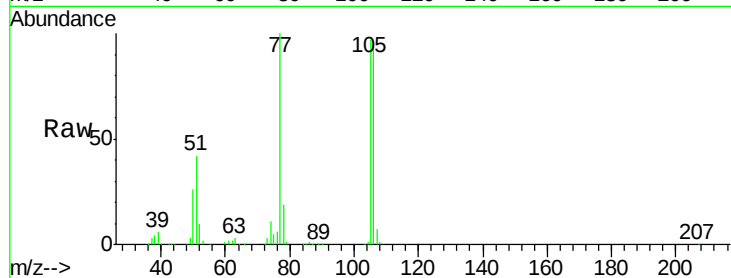
ClientSampleId :

PB126820BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.0	82.8	122.8
106	93.9	78.1	118.1

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#10

Phenol

Concen: 63.03 ng

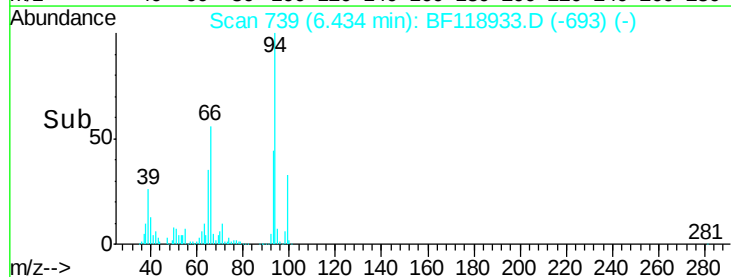
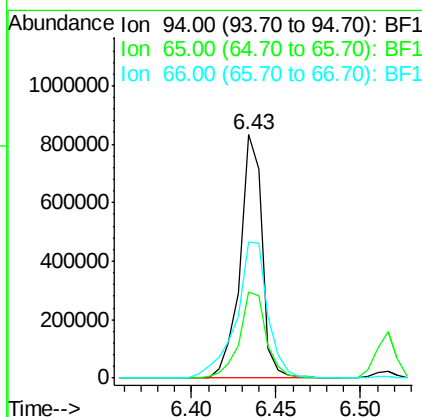
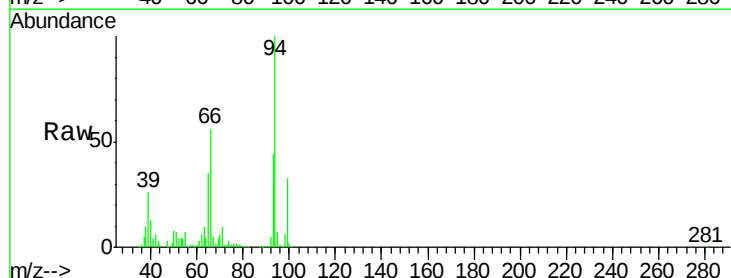
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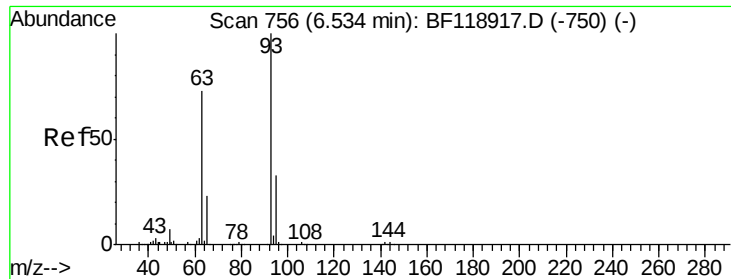
Delta R.T. -0.03 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	9.1	49.1
66	55.6	21.7	61.7





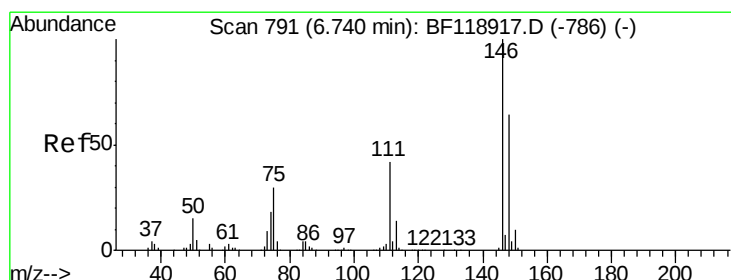
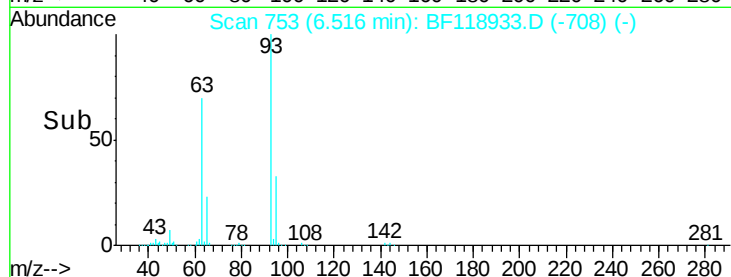
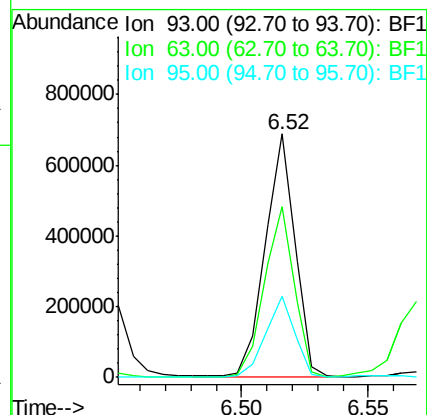
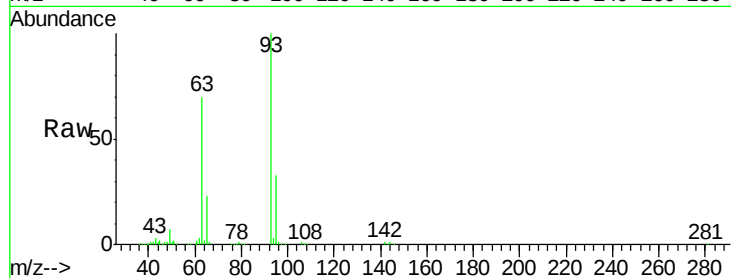
#11
bis(2-Chloroethyl)ether
Concen: 61.22 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	70.0	50.7	90.7
95	33.3	12.6	52.6

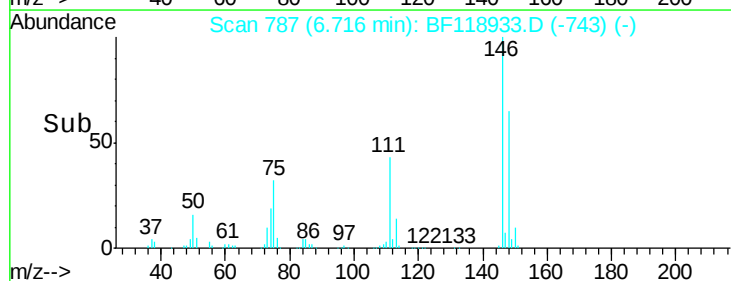
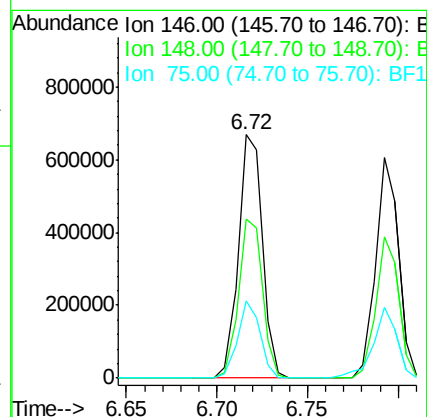
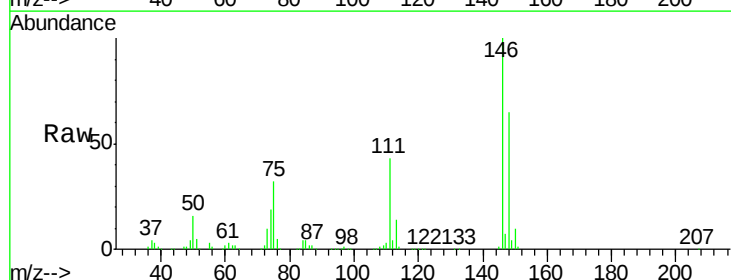
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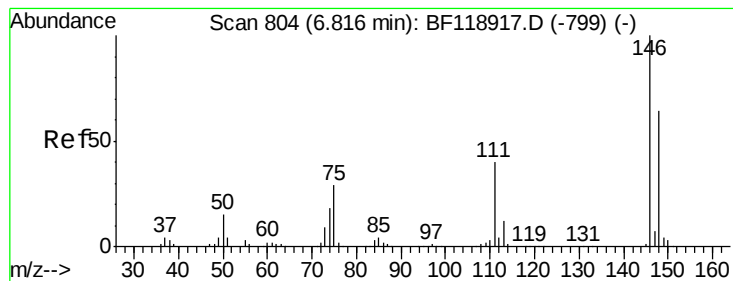
mohammad
2/17/2020 3:48:58 PM



#12
1,3-Dichlorobenzene
Concen: 53.15 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.3	51.1	76.7
75	32.0	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 46.10 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

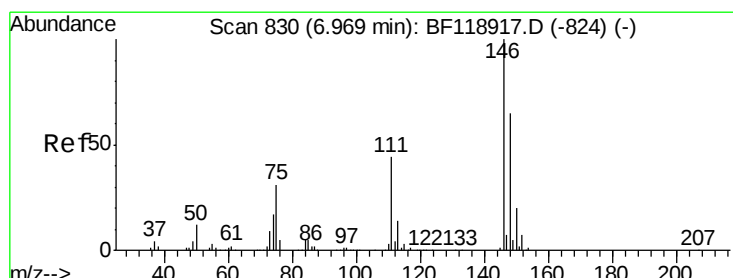
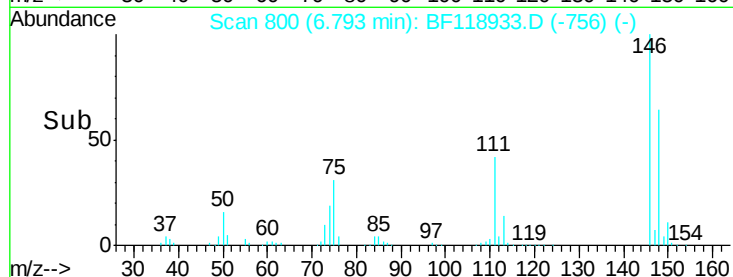
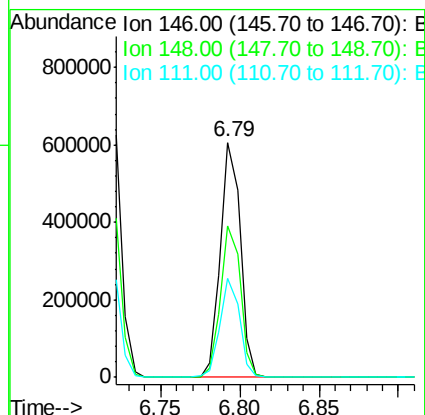
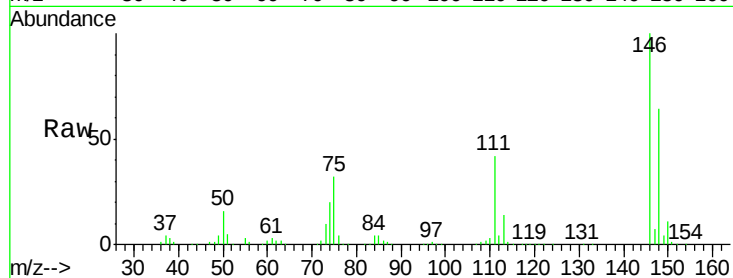
ClientSampleId :

PB126820BS

Tgt Ion:	146	Resp:	532778
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.6	77.4
111	42.2	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 45.24 ng

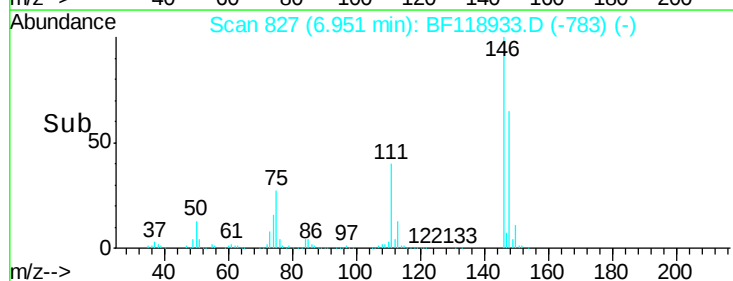
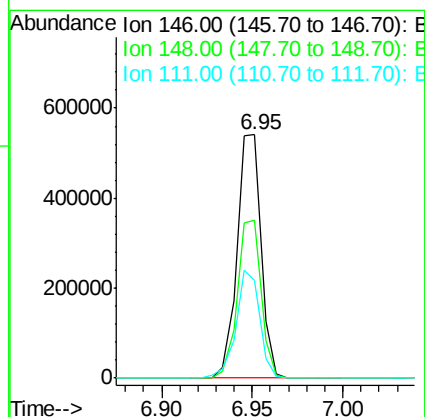
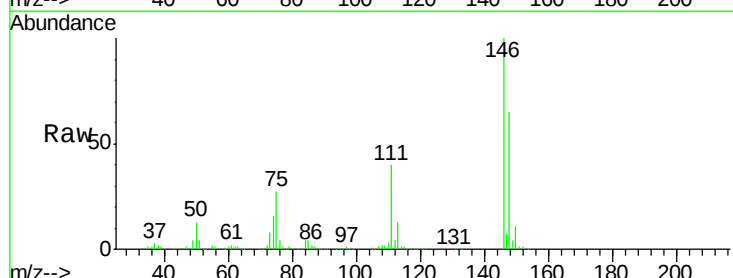
RT: 6.95 min Scan# 827

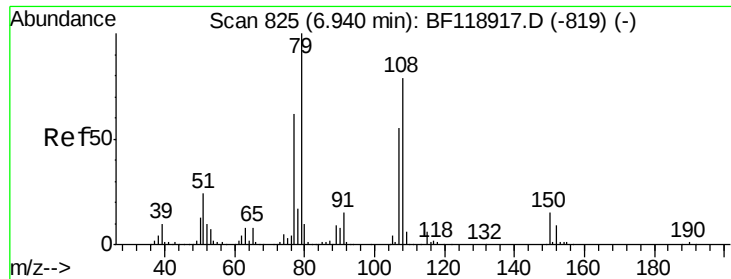
Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:	146	Resp:	499481
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.6	77.4
111	40.2	32.7	49.1





#15

Benzyl Alcohol

Concen: 48.14 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

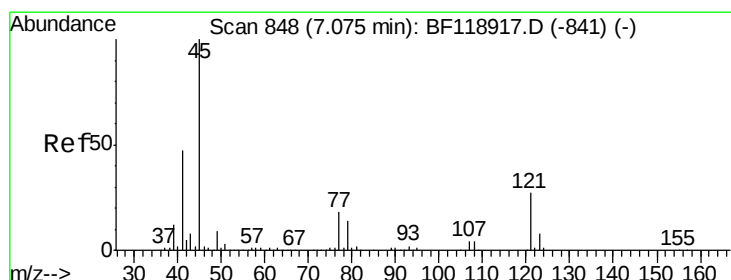
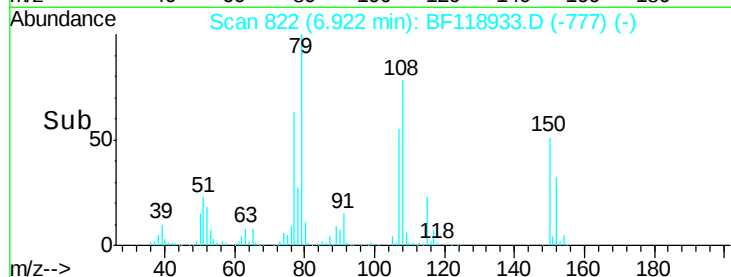
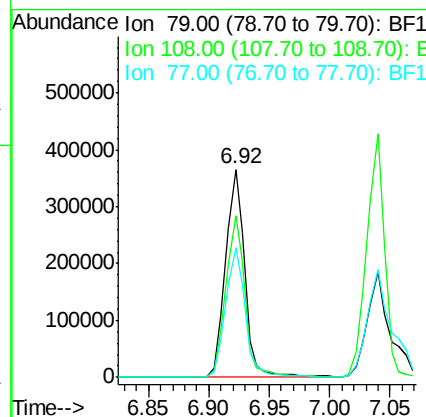
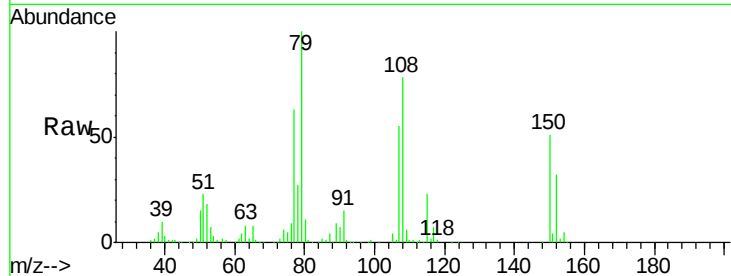
ClientSampled :

PB126820BS

Tgt Ion:	79	Resp:	403686
Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.9	94.3
77	62.5	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.01 ng

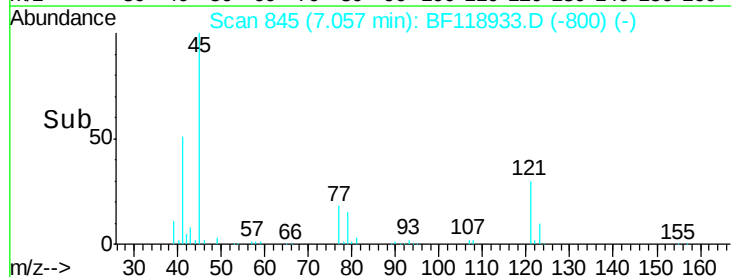
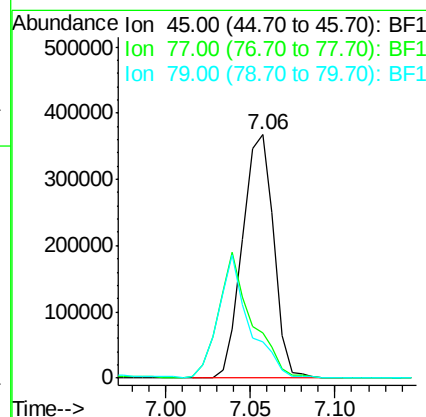
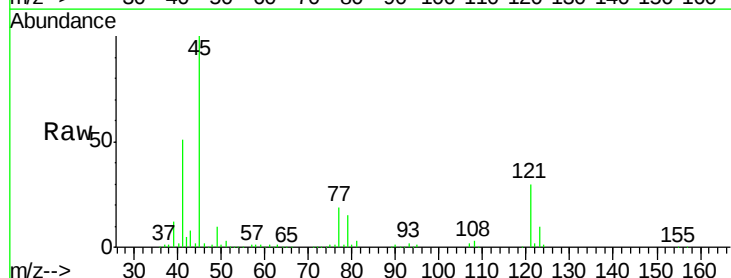
RT: 7.06 min Scan# 845

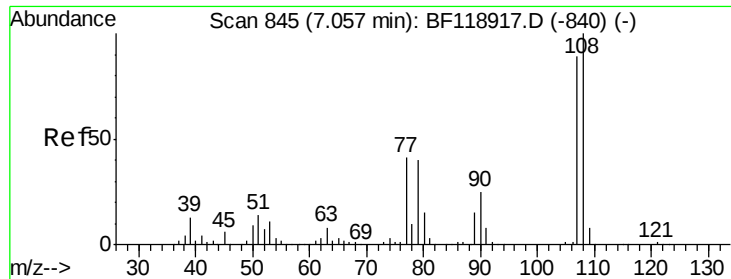
Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:	45	Resp:	474764
Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	37.1
79	14.8	0.0	33.1





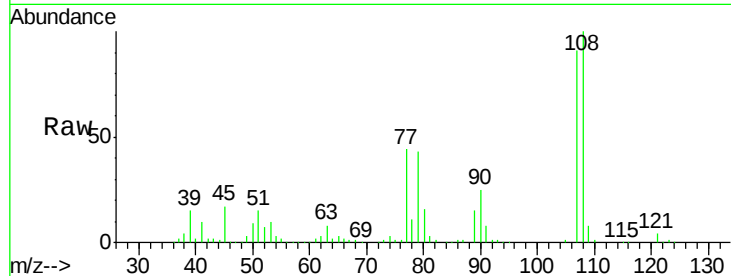
#17
2-Methylphenol
Concen: 49.07 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

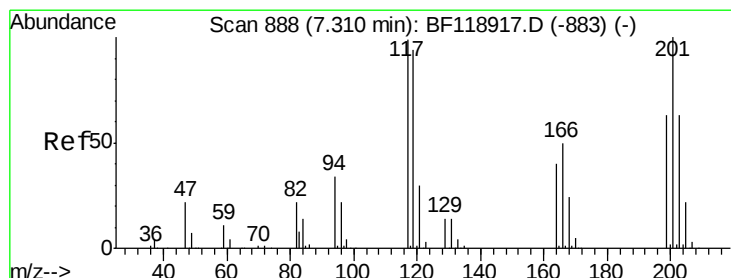
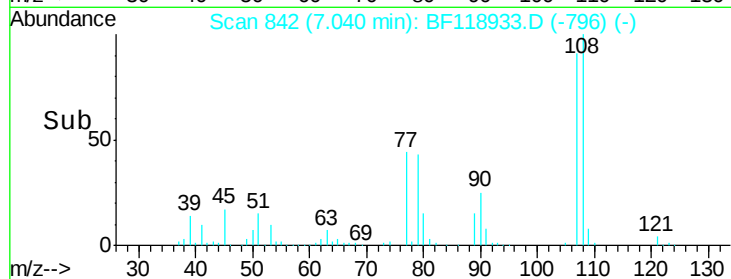
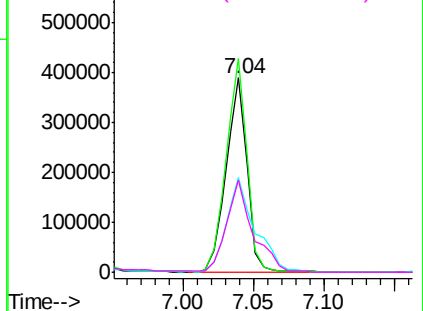
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	397125		
108	110.1	89.3	133.9	
77	48.7	36.2	54.2	
79	47.8	36.3	54.5	

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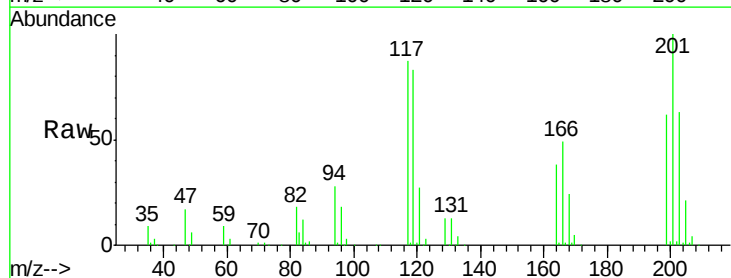


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

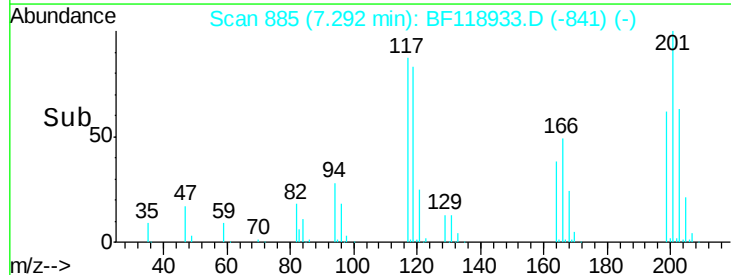
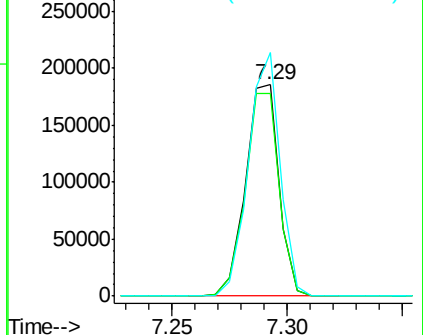


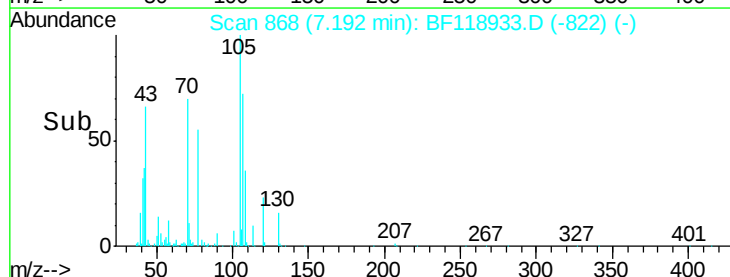
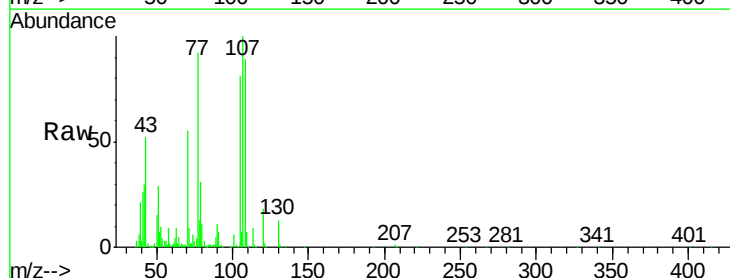
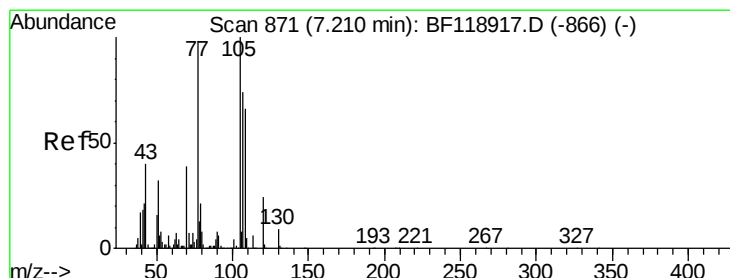
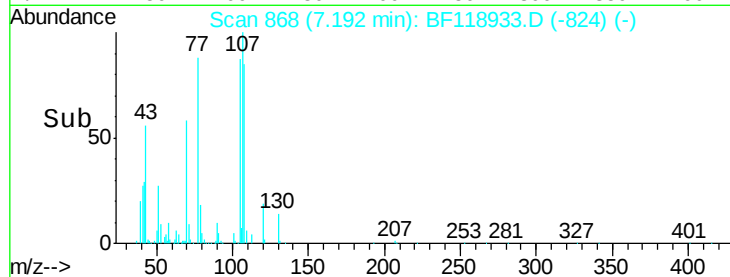
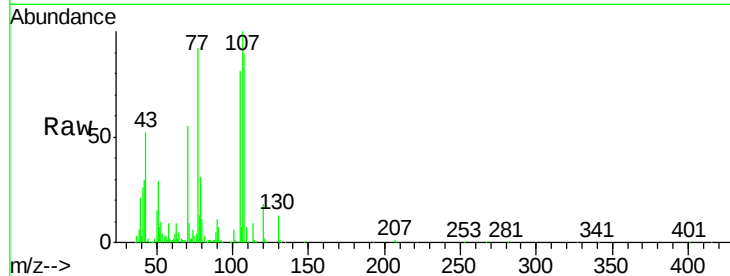
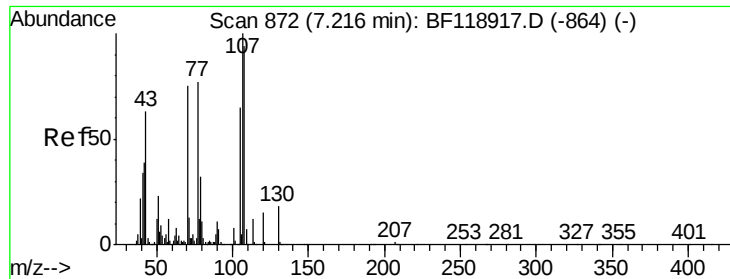
#18
Hexachloroethane
Concen: 45.37 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	188198		
119	96.1	77.4	116.0	
201	115.4	85.1	127.7	



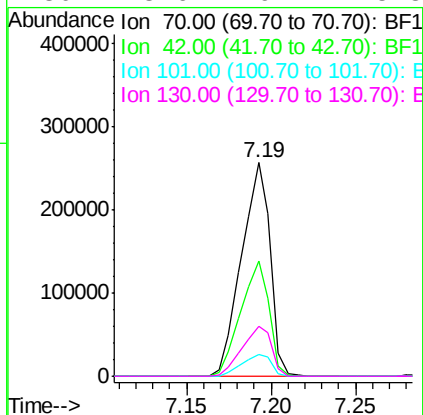
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.60 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	302672		
42	54.1	41.5	62.3	
101	10.3	8.3	12.5	
130	23.6	19.2	28.8	



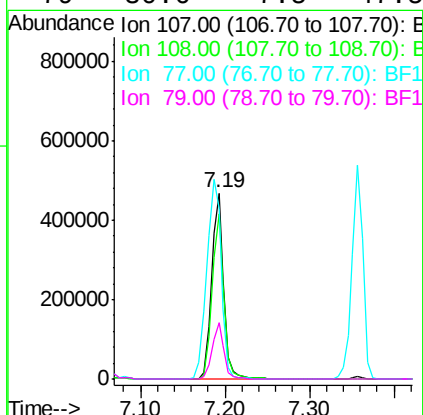
Instrument :
BNA_F
ClientSampleId :
PB126820BS

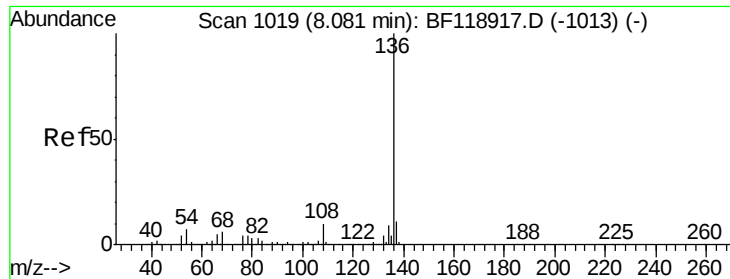
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#20
3+4-Methylphenols
Concen: 46.44 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	471069		
108	89.2	65.9	105.9	
77	91.8	80.9	120.9	
79	30.6	7.5	47.5	





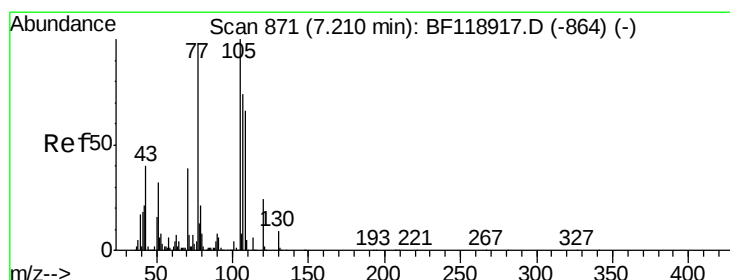
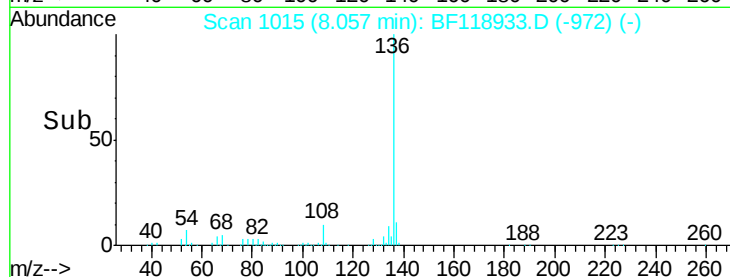
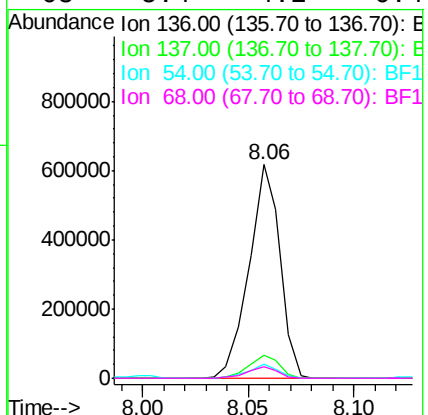
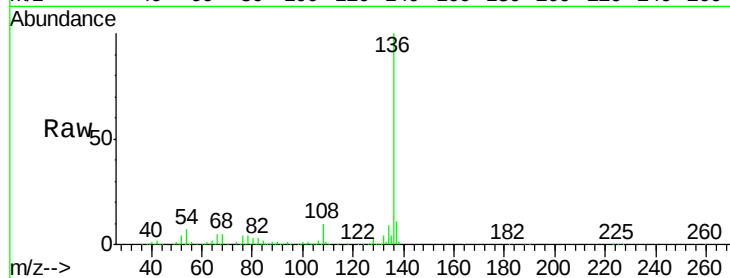
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.0	7.6
68	5.4	4.2	6.4

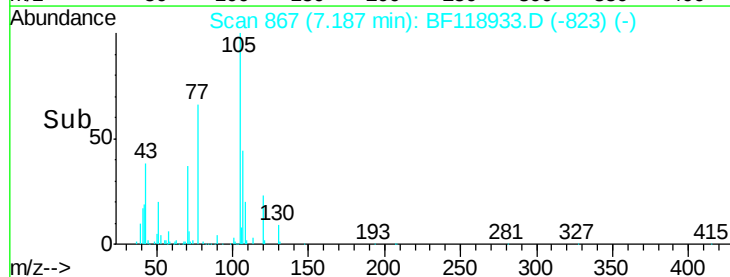
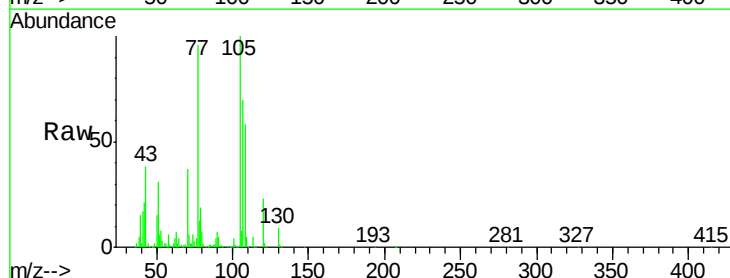
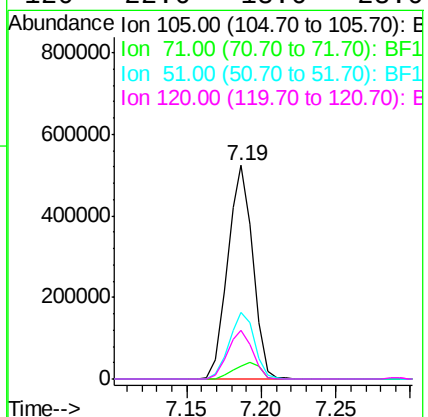
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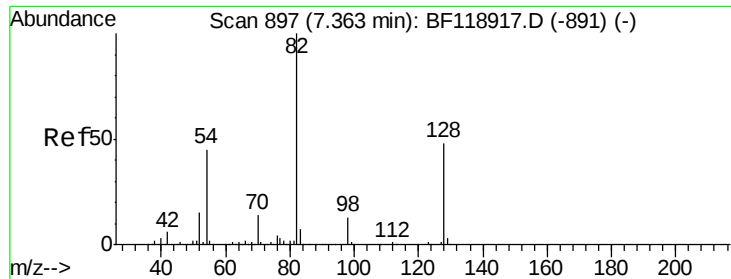
mohammad
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#22
Acetophenone
Concen: 45.28 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.1	4.2	6.4
51	31.3	25.5	38.3
120	22.6	18.6	28.0





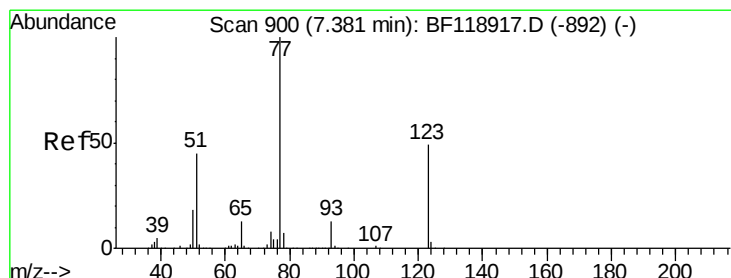
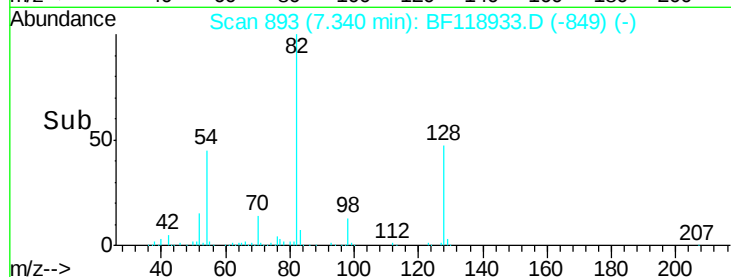
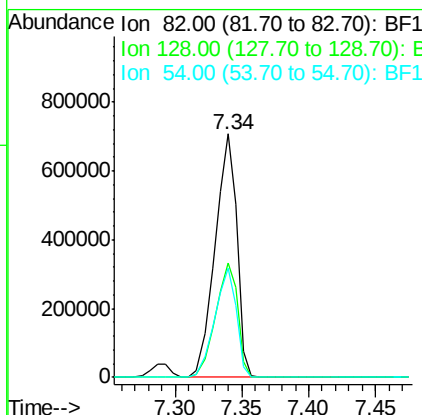
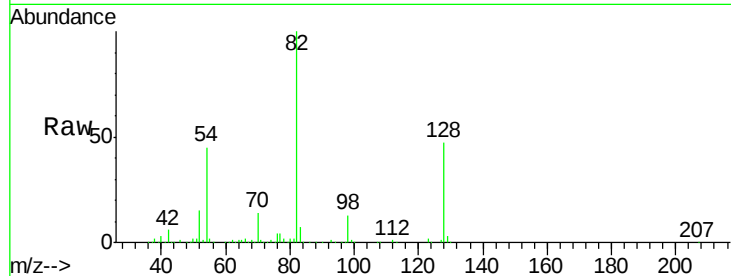
#23
 Nitrobenzene-d5
 Concen: 77.06 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	813200		
128	47.1	38.5	57.7	
54	45.0	36.7	55.1	

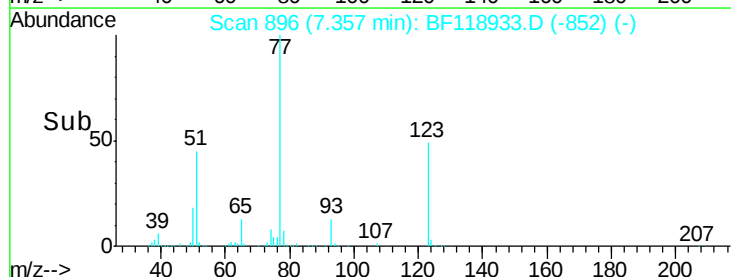
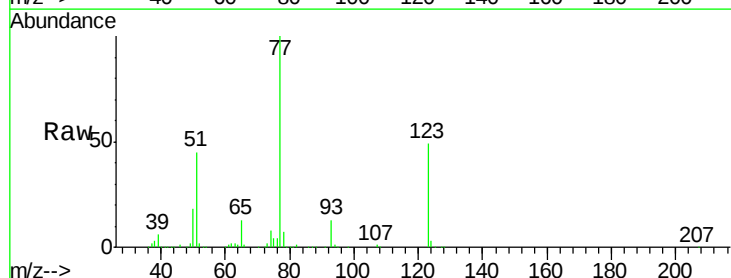
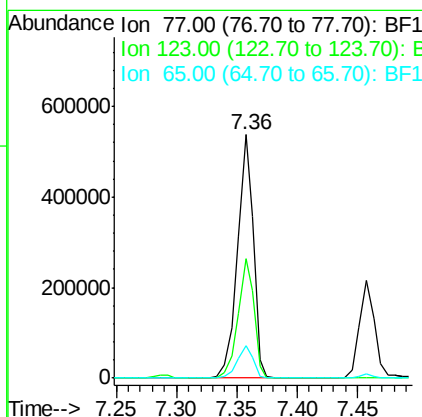
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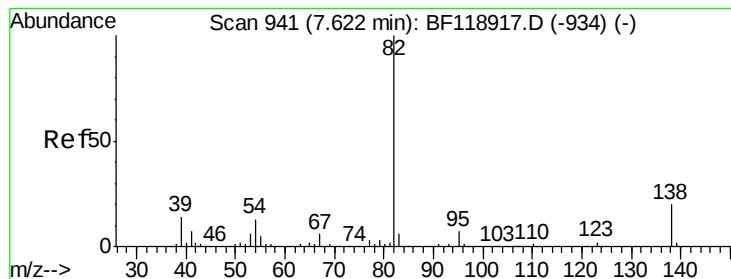
mohammad
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#24
 Nitrobenzene
 Concen: 47.07 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	496183		
123	48.8	39.0	58.4	
65	13.2	10.6	15.8	





#25

Isophorone

Concen: 46.24 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

PB126820BS

Tgt Ion: 82 Resp: 876998

Ion Ratio Lower Upper

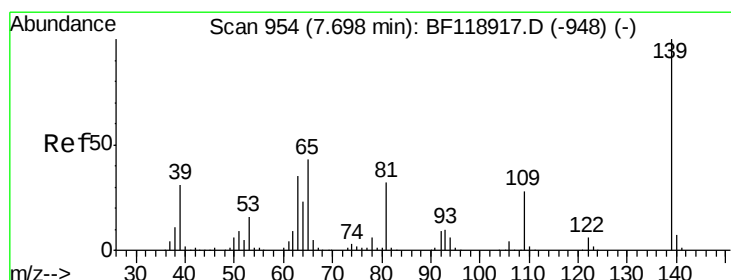
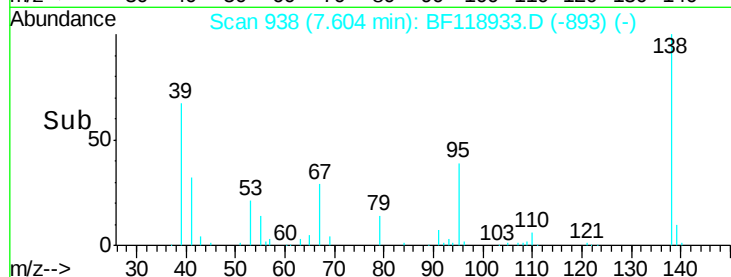
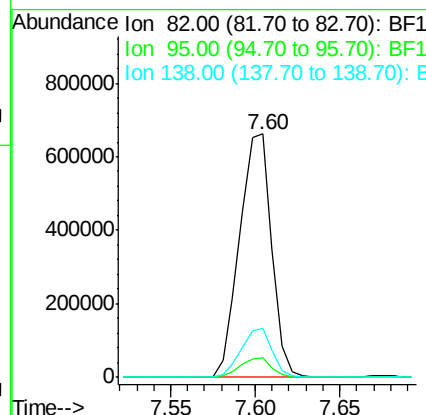
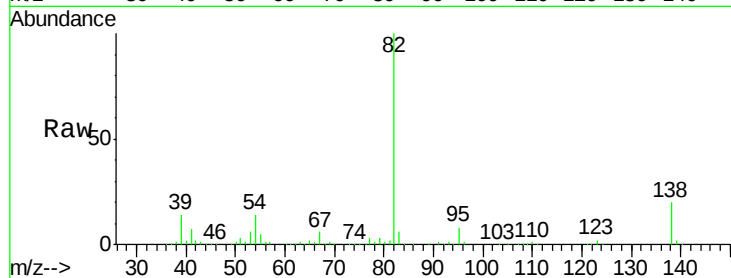
82 100

95 7.9 6.0 9.0

138 20.4 15.7 23.5

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#26

2-Nitrophenol

Concen: 48.41 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

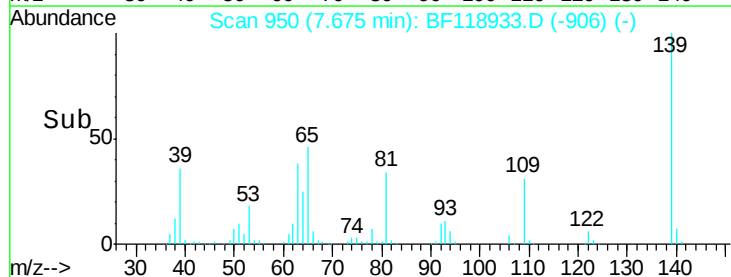
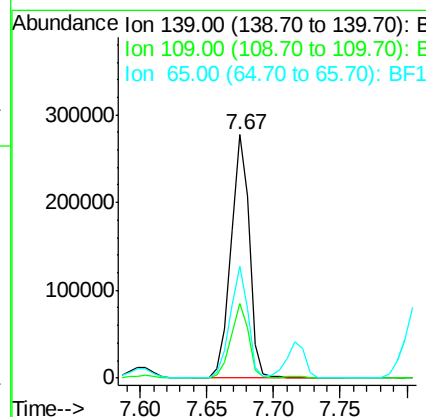
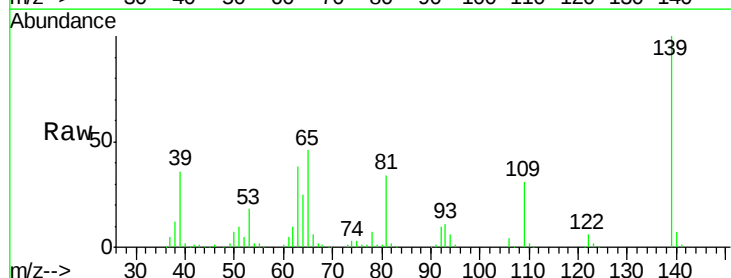
Tgt Ion: 139 Resp: 271922

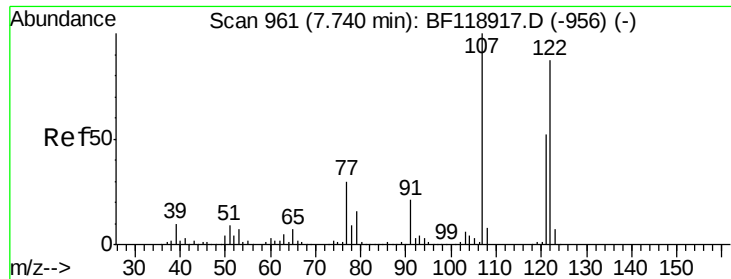
Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.0

65 46.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 54.85 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

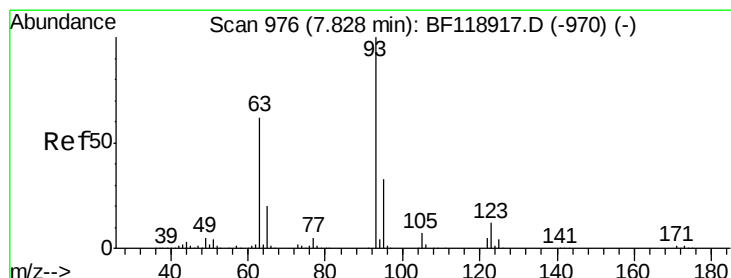
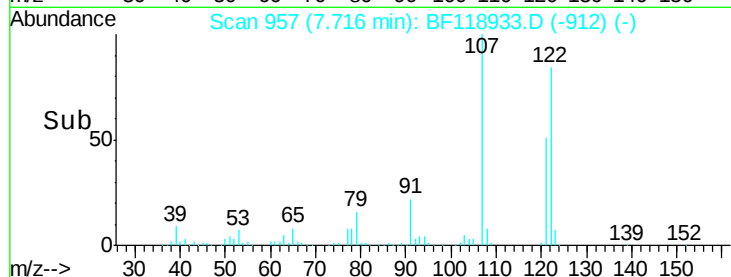
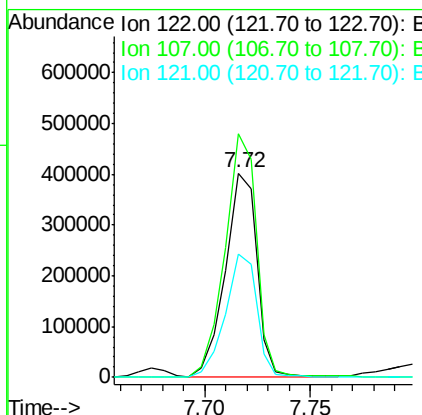
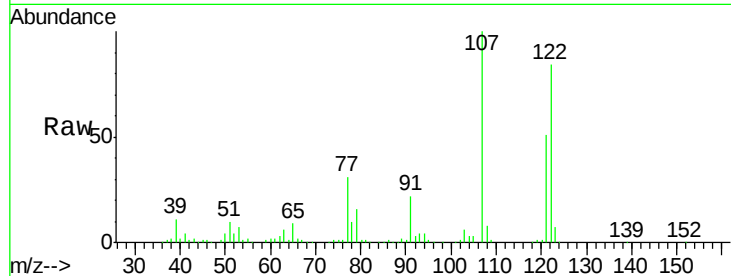
ClientSampleId :

PB126820BS

Tgt Ion:	122	Resp:	418552
Ion Ratio	Lower	Upper	
122	100		
107	119.0	92.2	138.2
121	60.5	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.45 ng

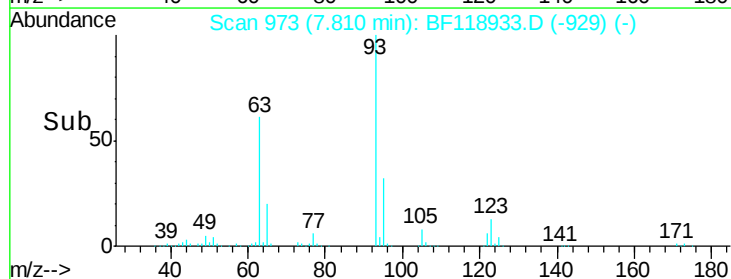
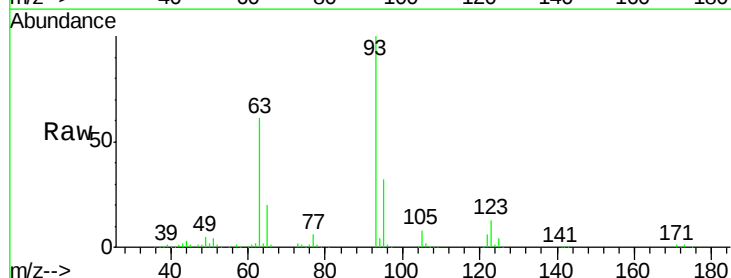
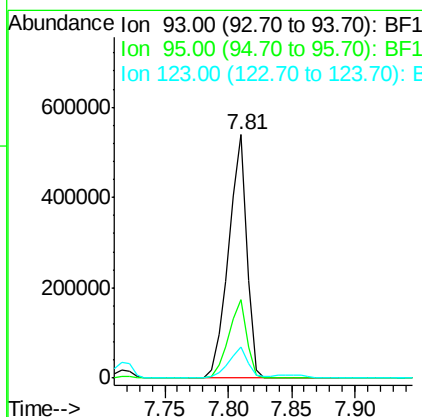
RT: 7.81 min Scan# 973

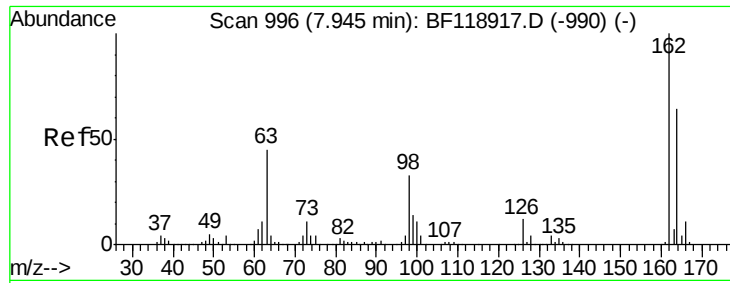
Delta R.T. -0.04 min

Lab File: BF118933.D

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Tgt Ion:	93	Resp:	534329
Ion Ratio	Lower	Upper	
93	100		
95	32.2	27.0	40.4
123	12.6	10.6	15.8





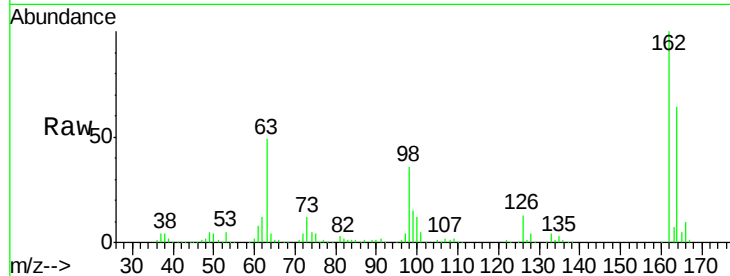
#29
2,4-Dichlorophenol
Concen: 46.56 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

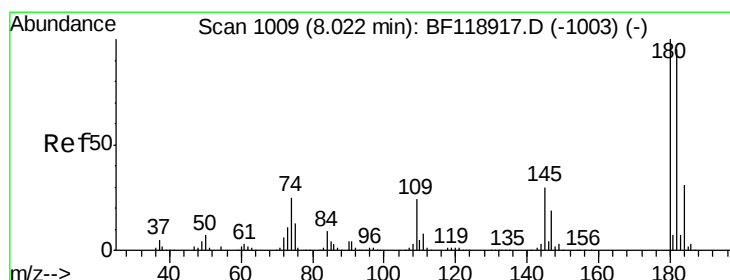
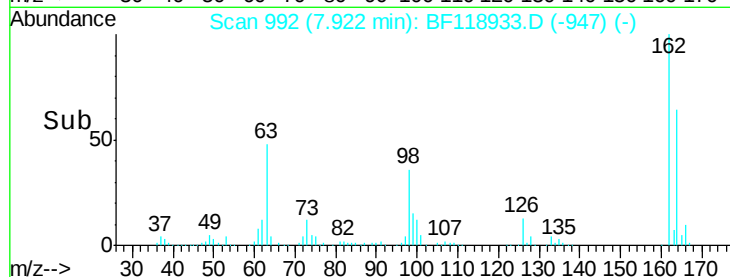
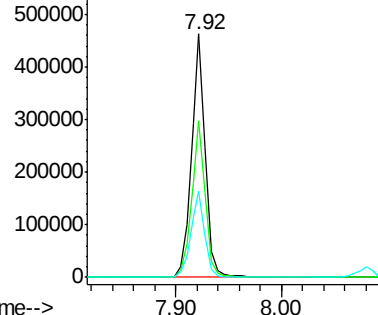
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.8	84.8
98	35.6	16.4	56.4

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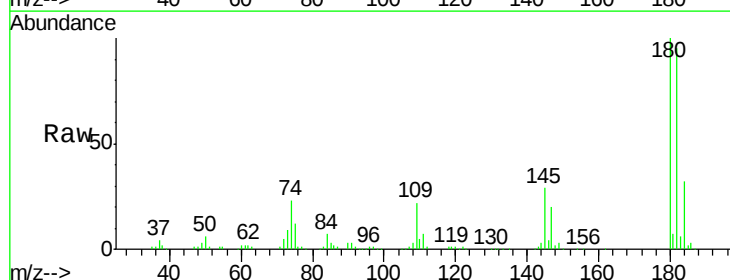


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

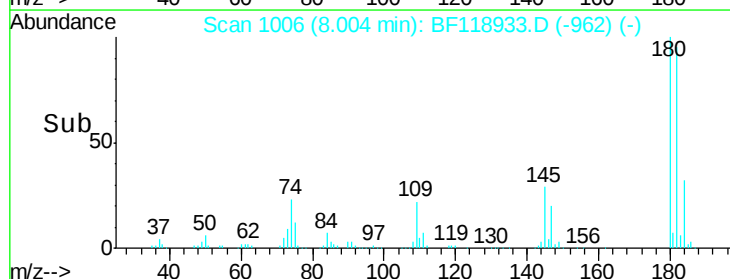
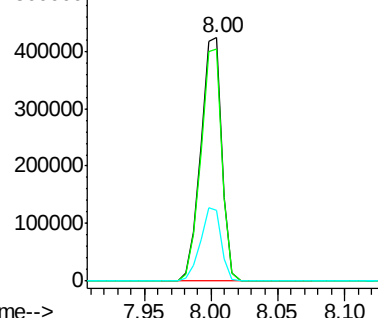


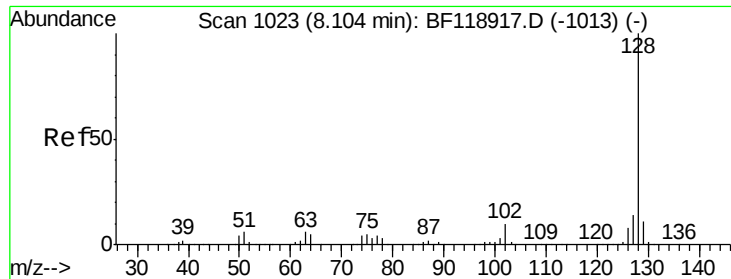
#30
1,2,4-Trichlorobenzene
Concen: 44.38 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.6	115.0
145	29.2	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





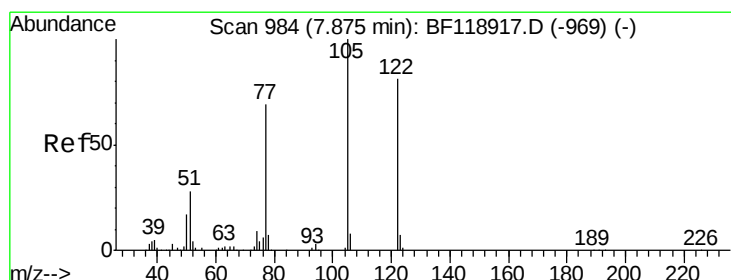
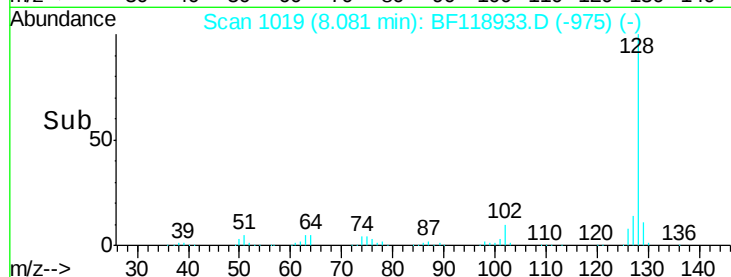
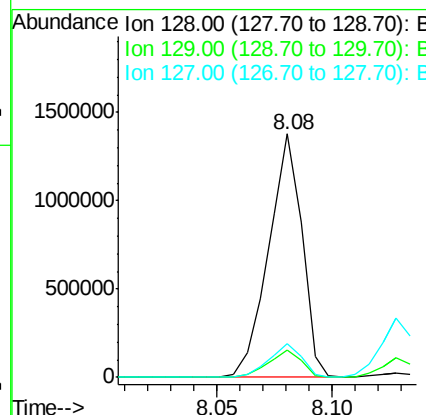
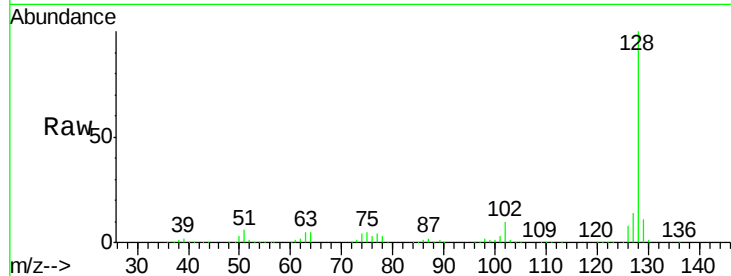
#31
Naphthalene
Concen: 48.08 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion:128 Resp: 1383150
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 11.3 16.9

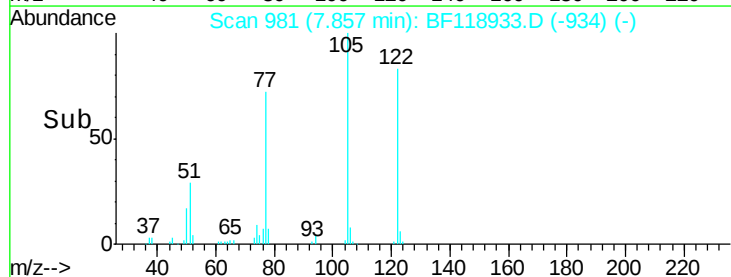
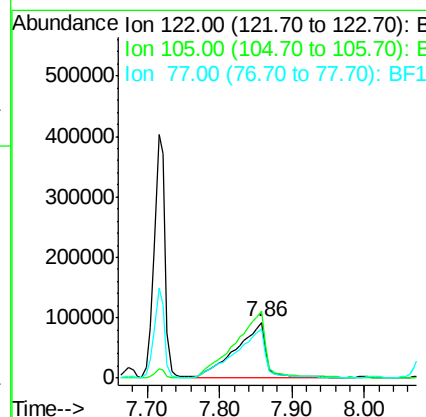
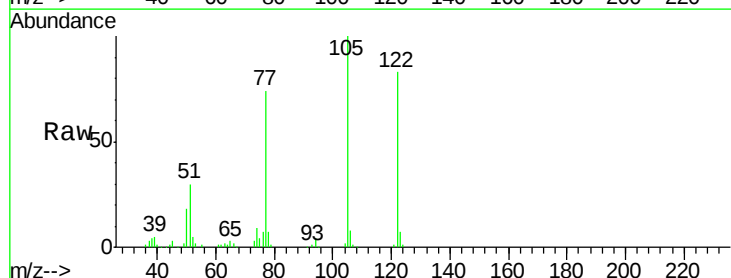
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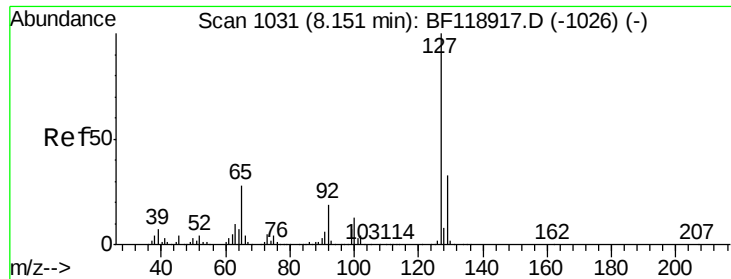
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#32
Benzoic acid
Concen: 41.97 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:122 Resp: 265187
Ion Ratio Lower Upper
122 100
105 120.4 104.4 144.4
77 89.2 69.3 109.3





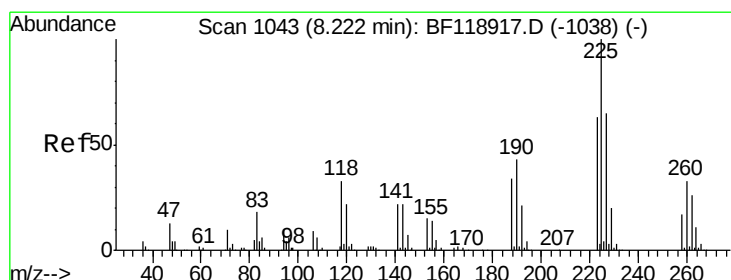
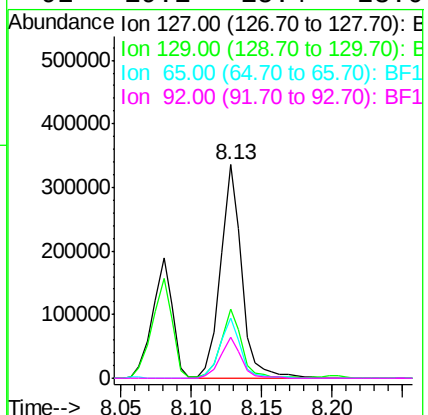
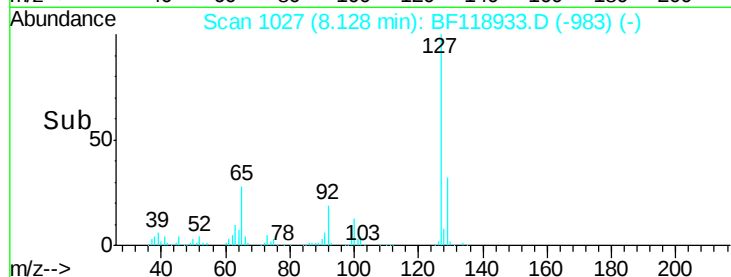
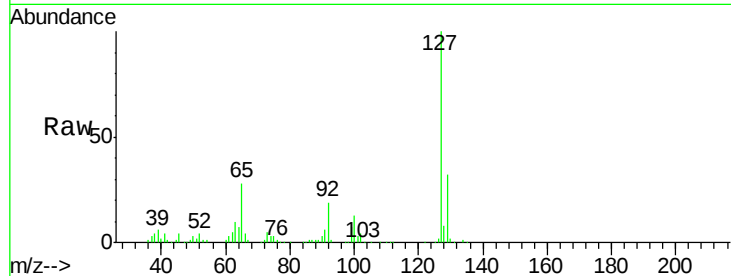
#33
4-Chloroaniline
Concen: 27.08 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampled :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	348553		
129	32.3	26.7	40.1	
65	27.9	22.9	34.3	
92	19.1	15.4	23.0	

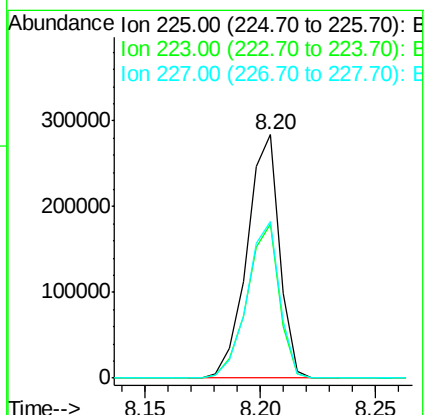
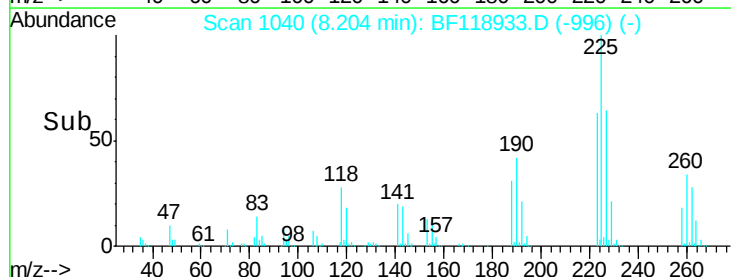
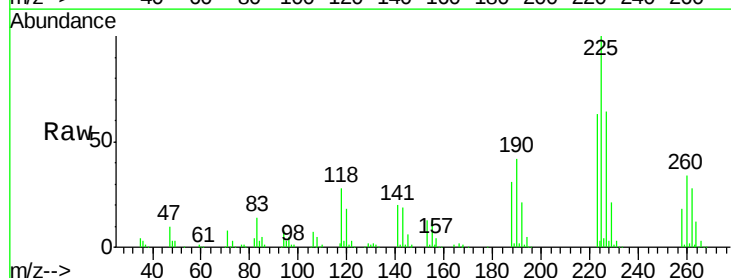
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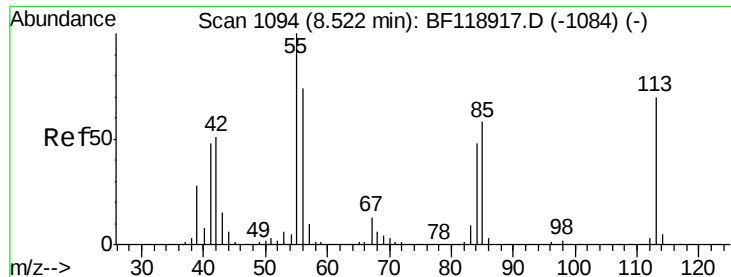
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#34
Hexachlorobutadiene
Concen: 42.66 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	279198		
223	63.3	49.8	74.8	
227	64.3	51.0	76.4	





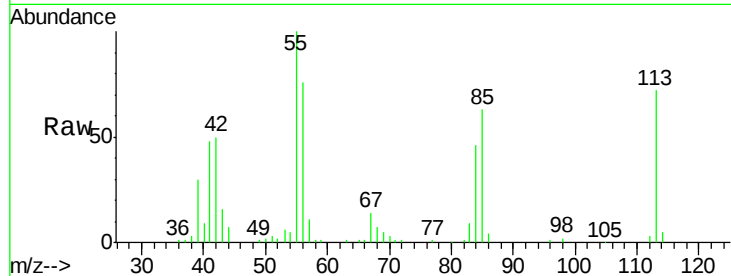
#35
 Caprolactam
 Concen: 47.88 ng m
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

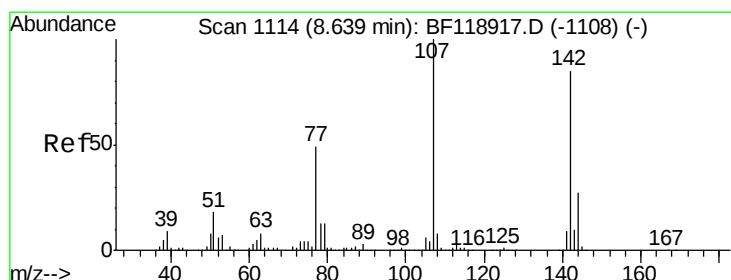
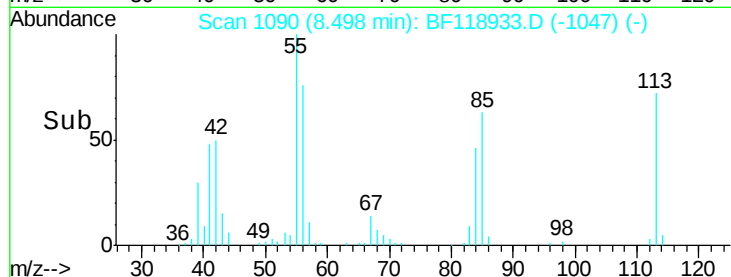
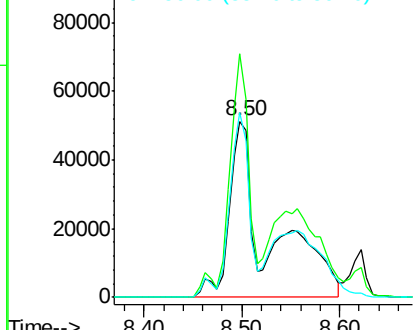
Tgt Ion: 113 Resp: 141834
 Ion Ratio Lower Upper
 113 100
 55 138.5 115.5 155.5
 56 105.0 83.7 123.7

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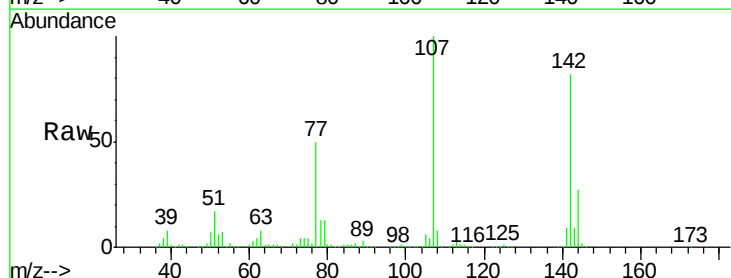


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

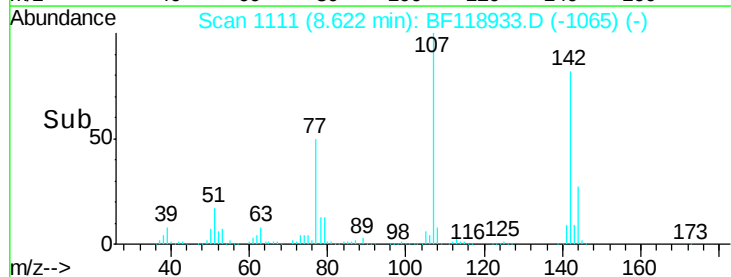
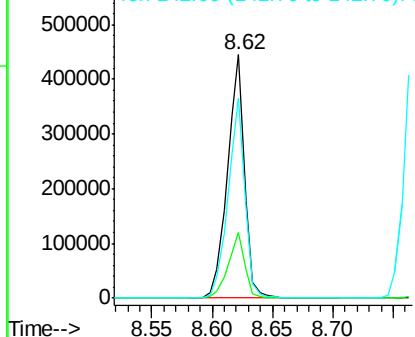


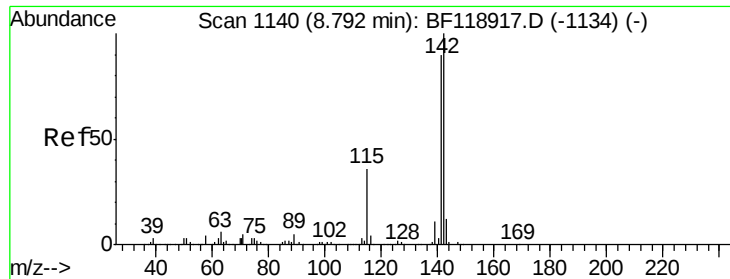
#36
 4-Chloro-3-methylphenol
 Concen: 47.35 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion: 107 Resp: 435431
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 82.2 64.8 97.2



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





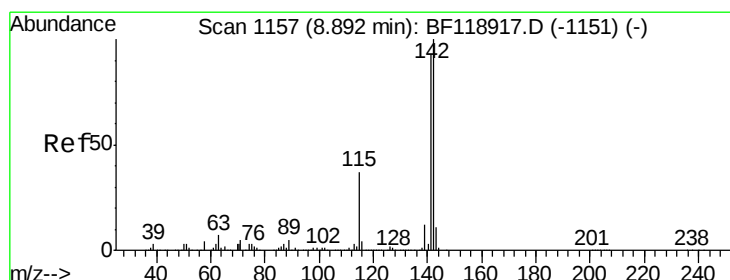
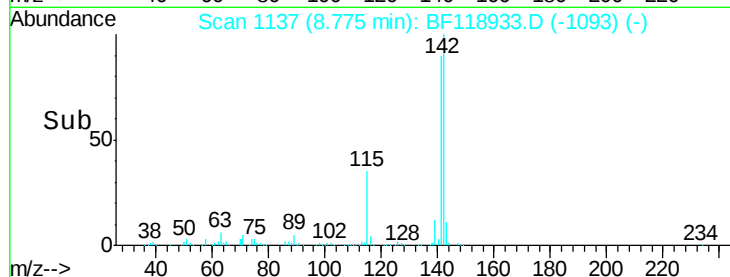
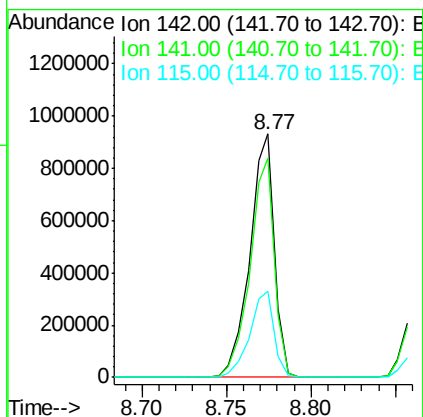
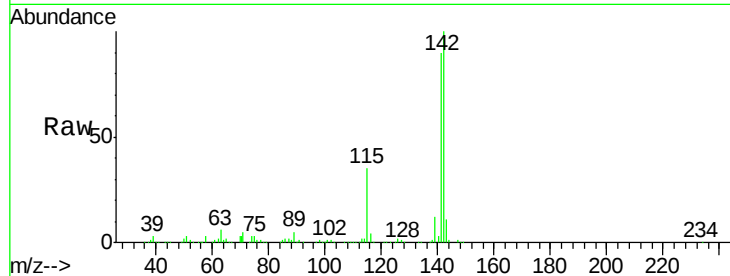
#37
2-Methylnaphthalene
Concen: 47.47 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	947167		
141	90.1	70.1	105.1	
115	35.3	27.3	40.9	

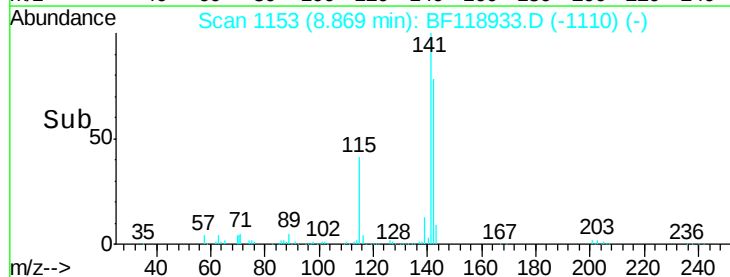
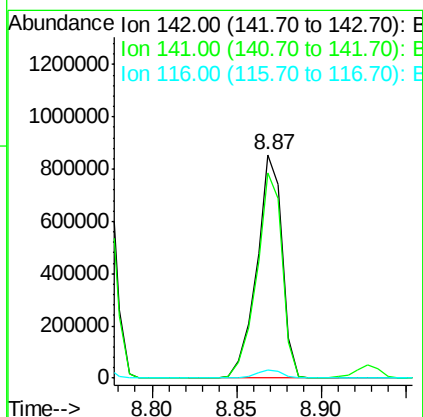
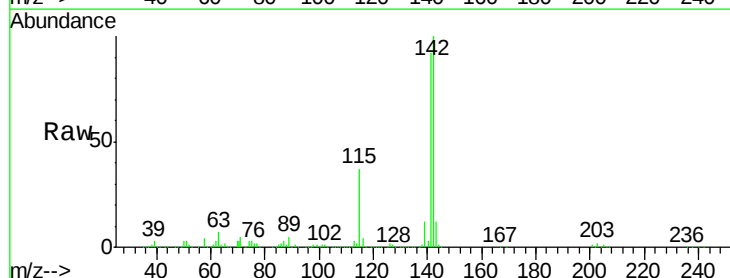
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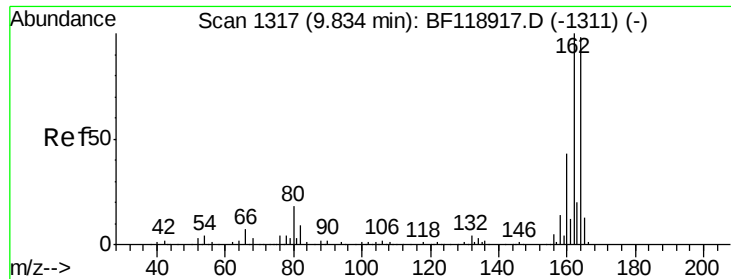
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#38
1-Methylnaphthalene
Concen: 47.37 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	889134		
141	92.1	73.8	110.6	
116	3.8	3.0	4.4	





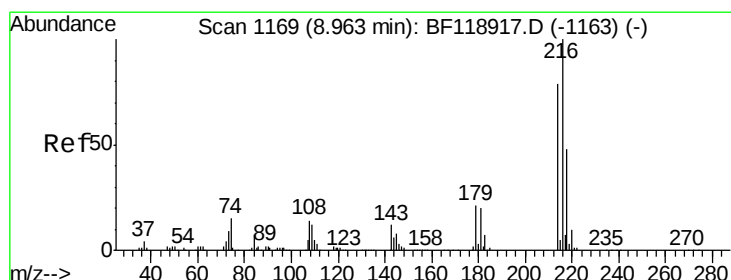
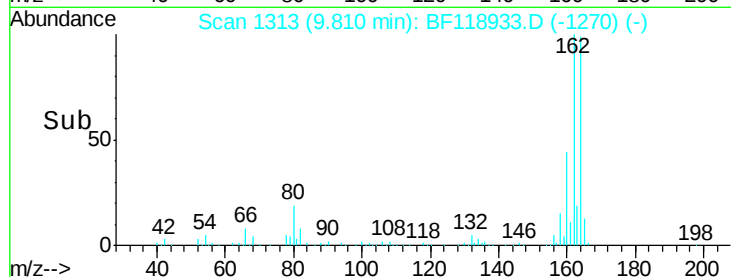
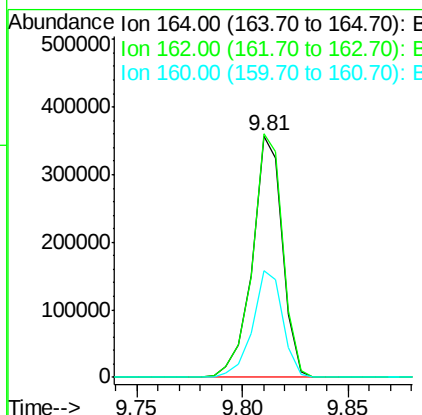
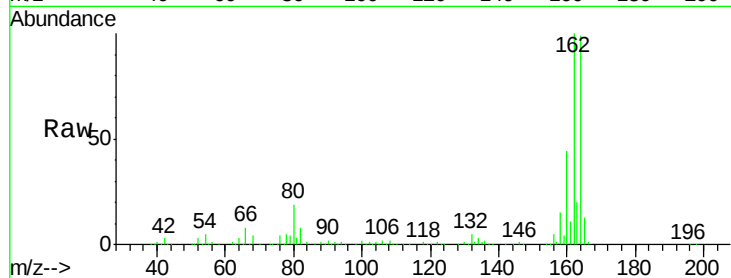
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353577		
162	100.8	81.4	122.2	
160	44.3	35.6	53.4	

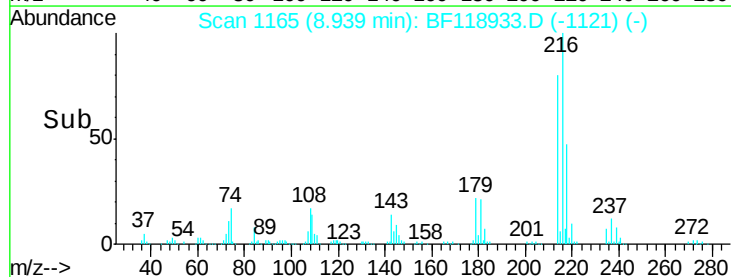
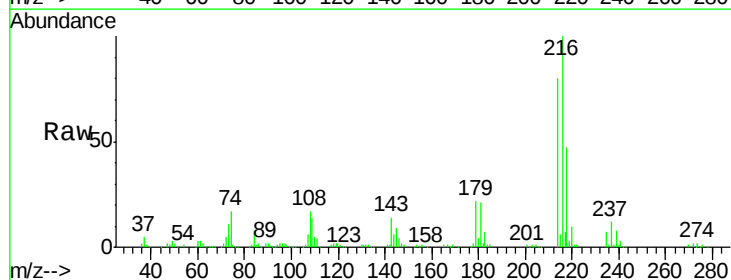
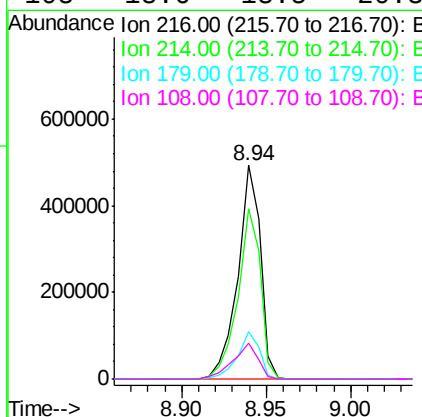
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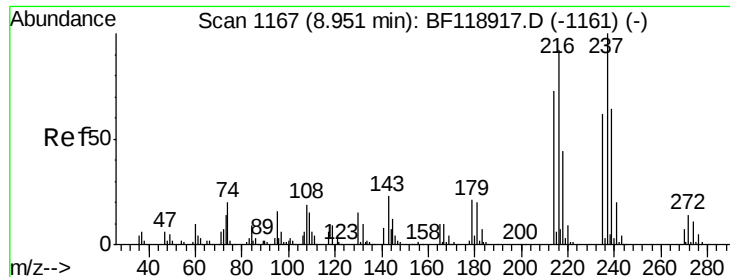
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.07 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	459602		
214	79.4	63.0	94.4	
179	21.5	17.0	25.6	
108	18.6	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 102.65 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

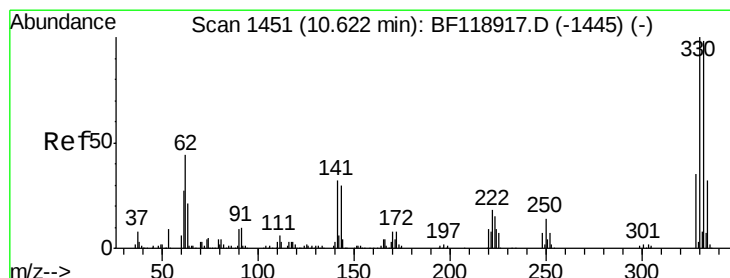
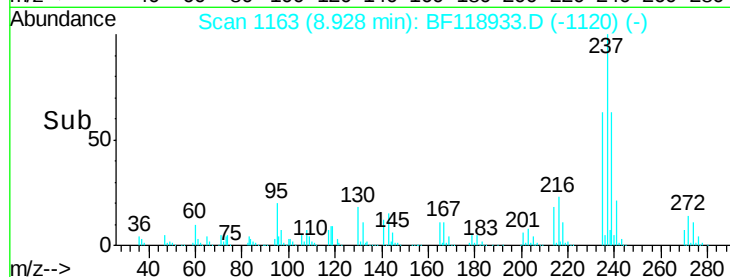
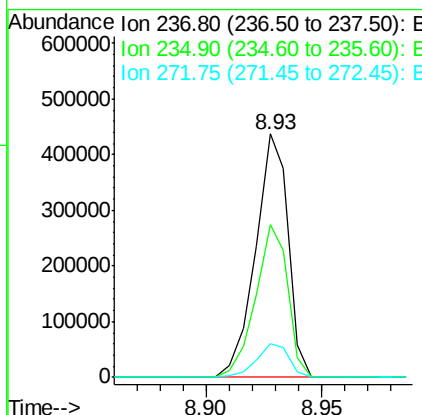
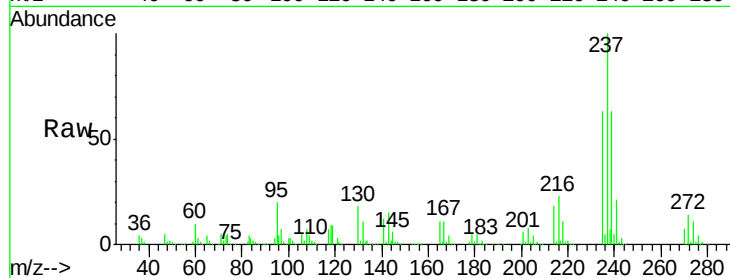
ClientSampleId :

PB126820BS

Tgt Ion:	237	Resp:	429524
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.1	82.1
272	13.6	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 122.24 ng

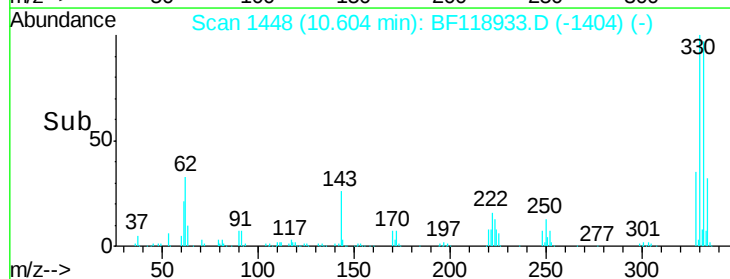
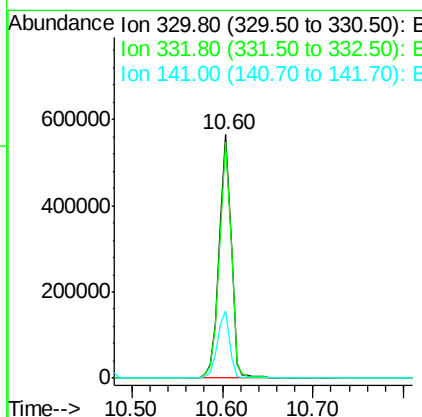
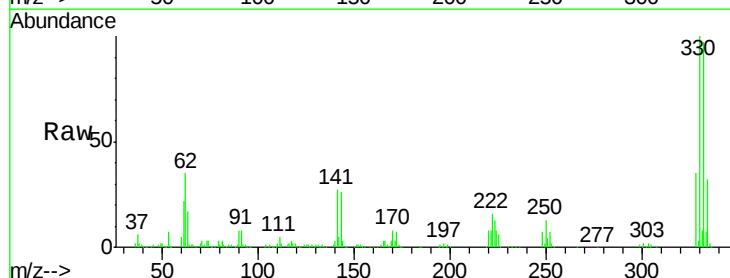
RT: 10.60 min Scan# 1448

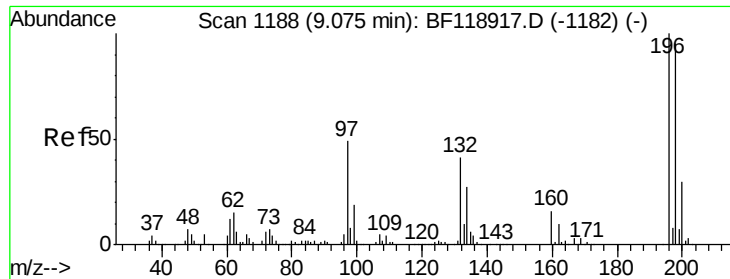
Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:	330	Resp:	517149
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	28.3	22.4	33.6





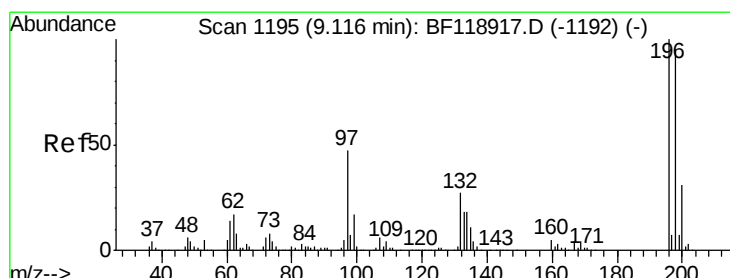
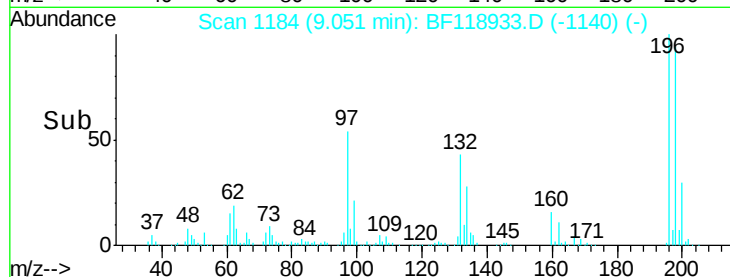
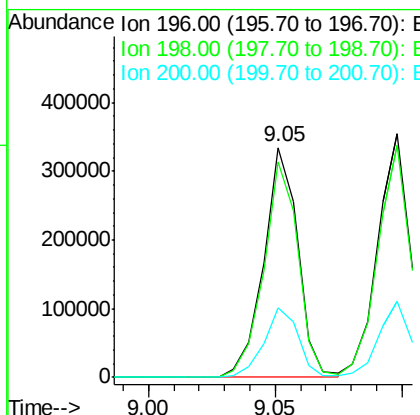
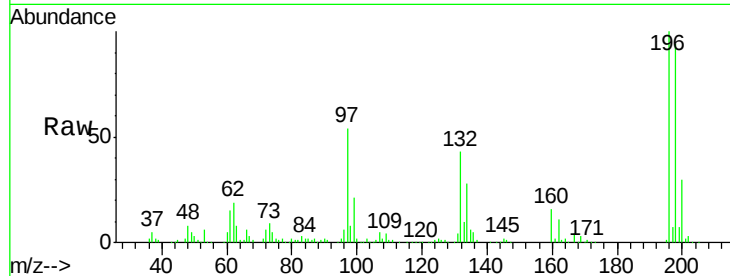
#43
 2,4,6-Trichlorophenol
 Concen: 43.90 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313283		
198	94.1	76.7	115.1	
200	30.3	24.9	37.3	

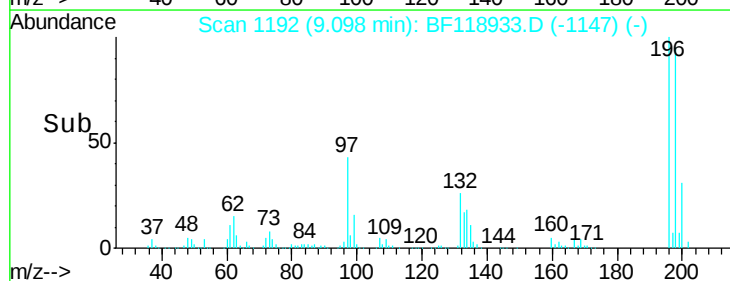
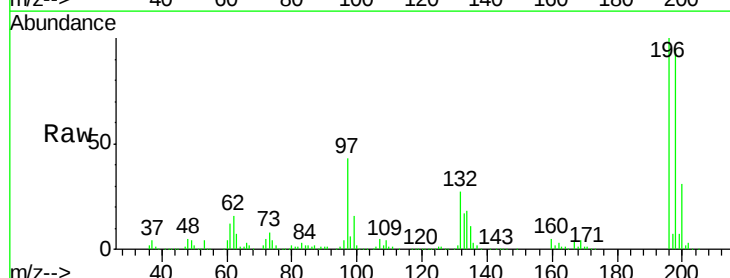
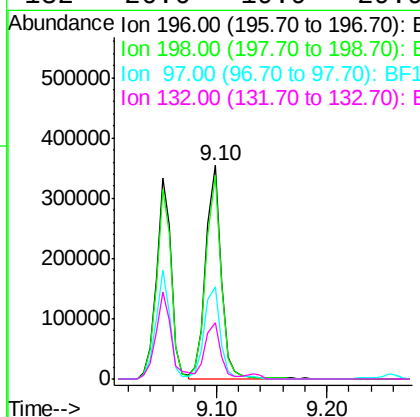
Manual Integrations
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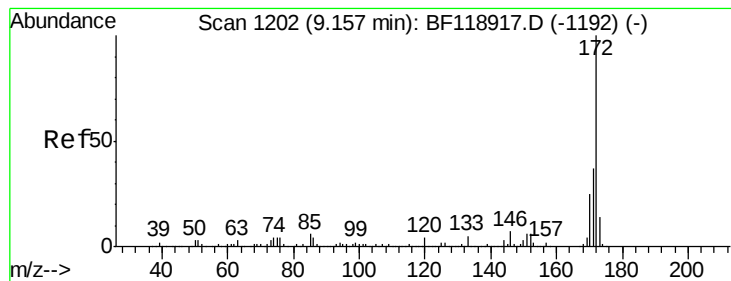
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.62 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332636		
198	95.2	77.0	115.4	
97	43.1	32.9	49.3	
132	26.6	19.9	29.9	





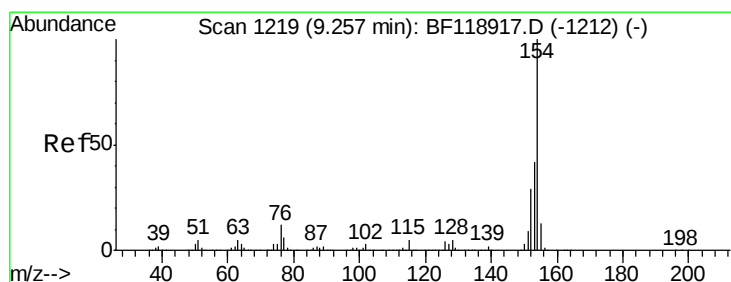
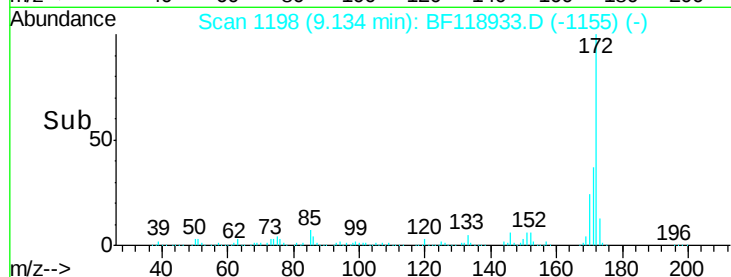
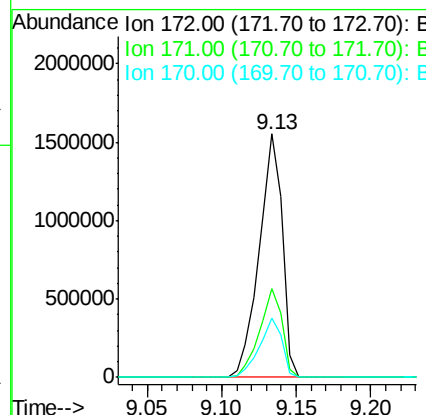
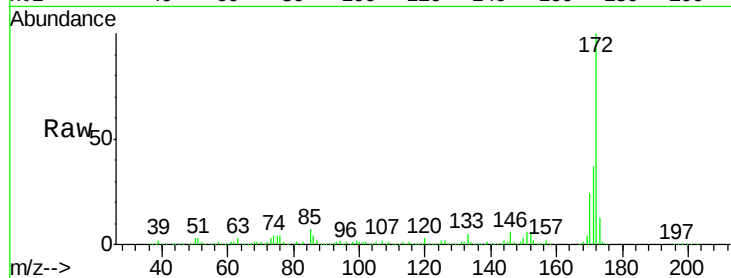
#45
 2-Fluorobiphenyl
 Concen: 82.91 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion:172 Resp: 1639781
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.4 20.5 30.7

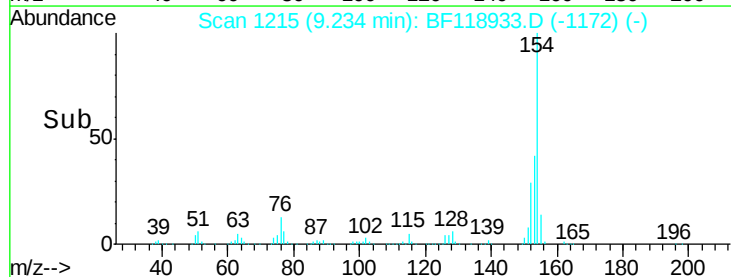
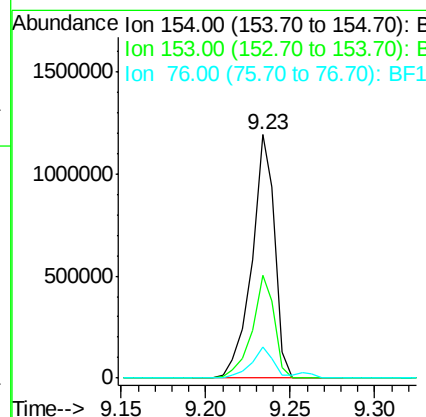
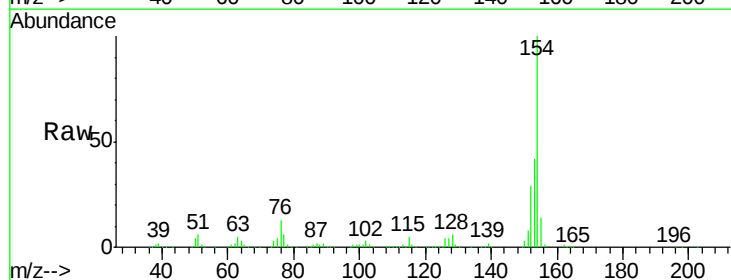
Manual Integrations
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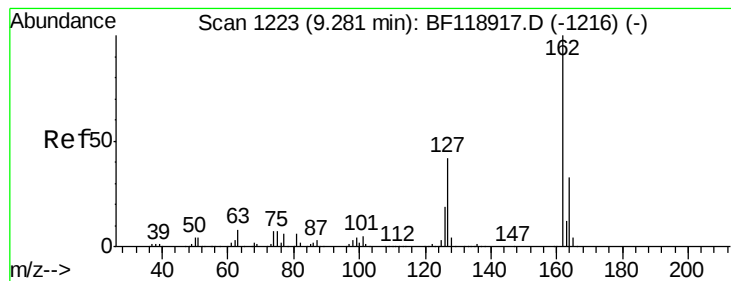
mohammad
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#46
 1,1'-Biphenyl
 Concen: 46.16 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:154 Resp: 1129018
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.4 62.4
 76 12.8 0.0 32.7





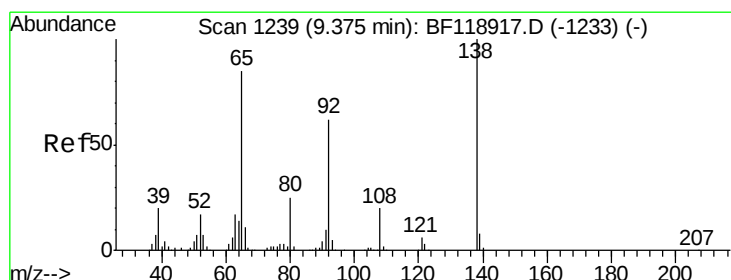
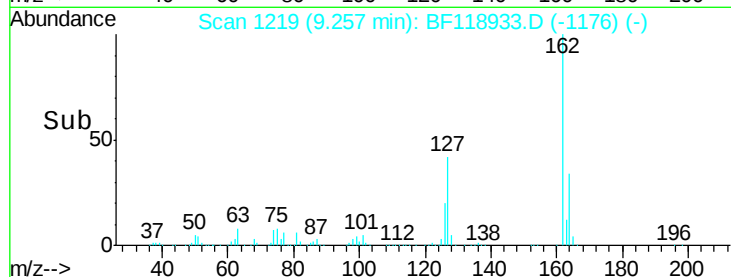
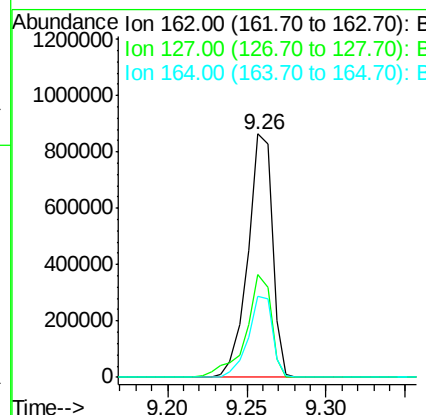
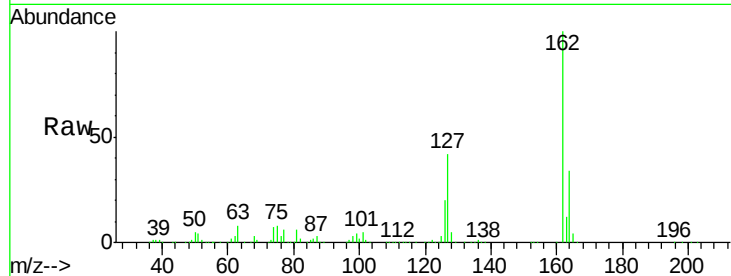
#47
 2-Chloronaphthalene
 Concen: 45.32 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	921551		
127	42.4	33.3	49.9	
164	33.5	27.1	40.7	

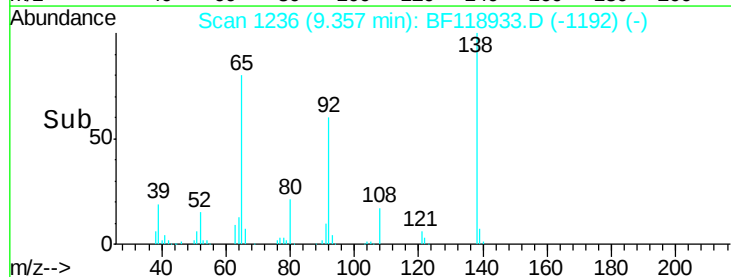
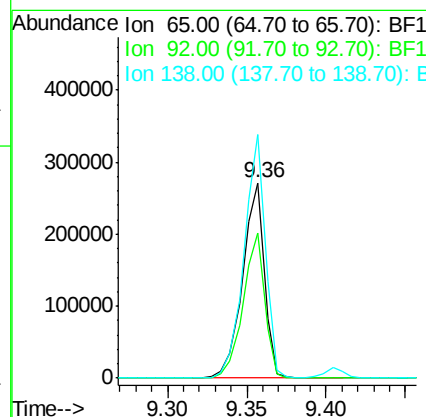
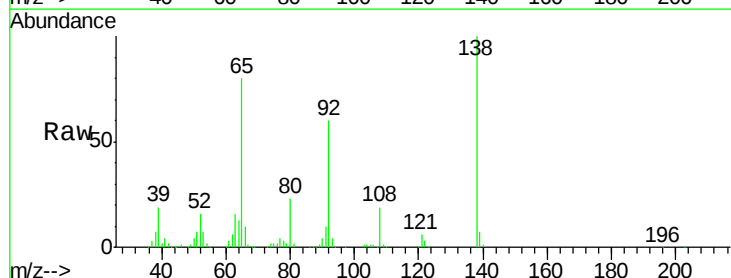
Manual Integrations
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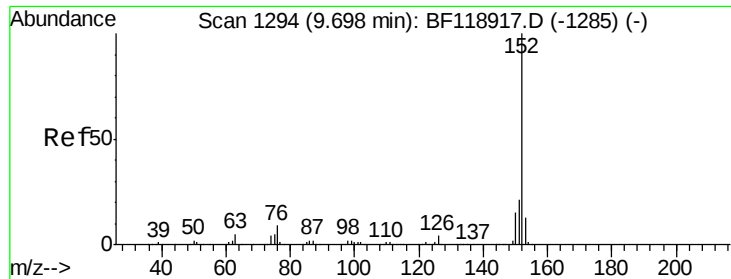
mohammad
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#48
 2-Nitroaniline
 Concen: 44.09 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258544		
92	74.3	60.6	91.0	
138	124.6	104.6	156.8	





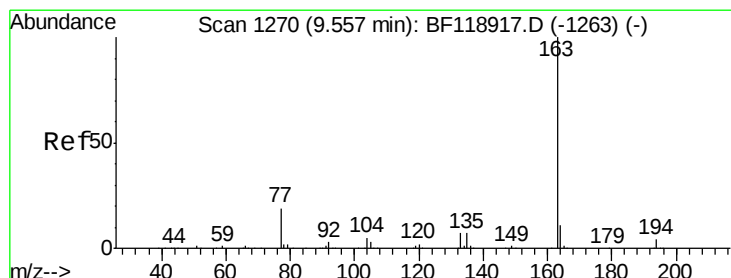
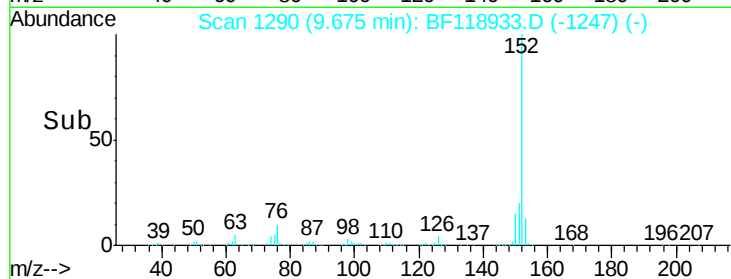
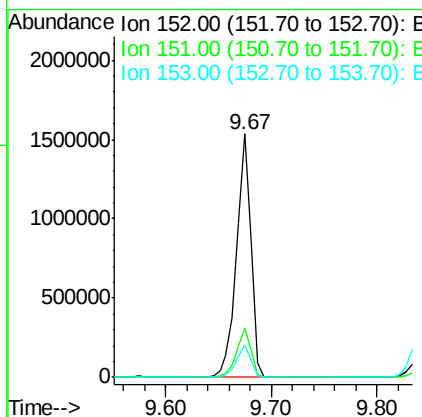
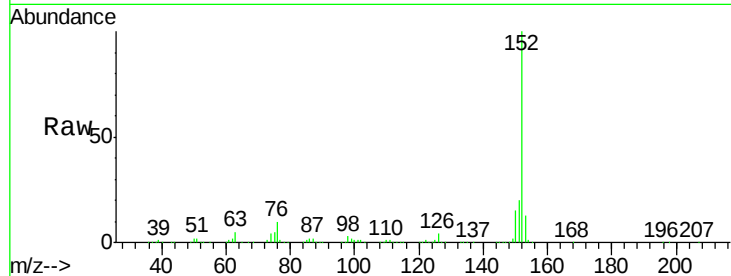
#49
Acenaphthylene
Concen: 48.50 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion:152 Resp: 1423750
Ion Ratio Lower Upper
152 100
151 20.3 17.1 25.7
153 13.3 11.0 16.4

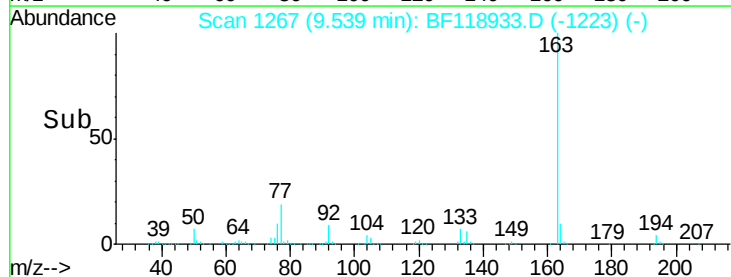
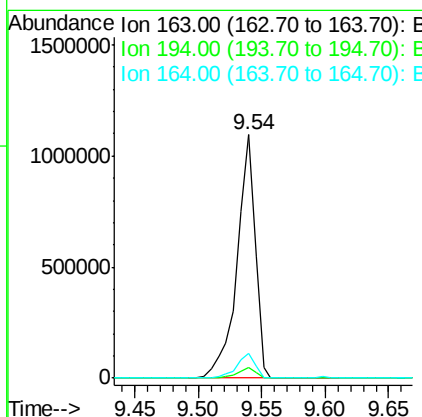
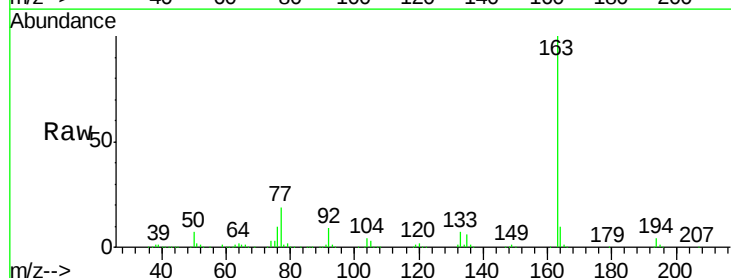
Manual Integrations
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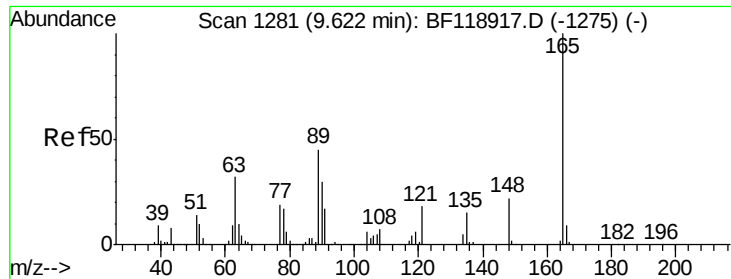
mohammad
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#50
Dimethylphthalate
Concen: 44.83 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:163 Resp: 1079290
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.3 8.7 13.1





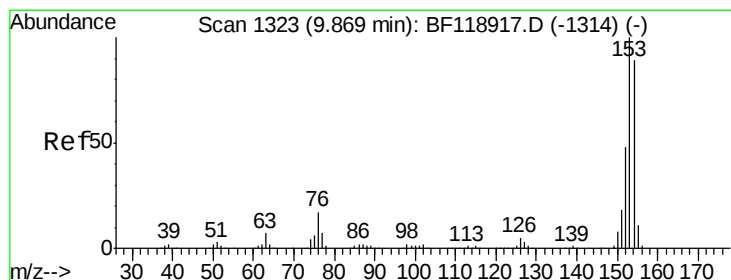
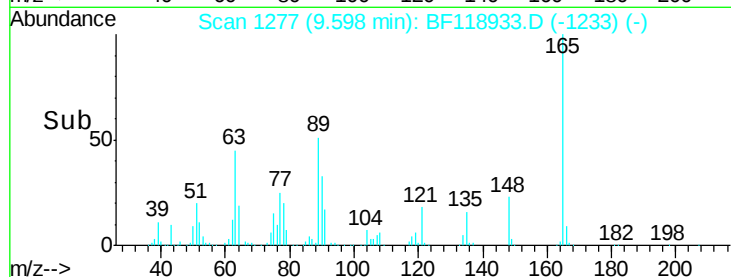
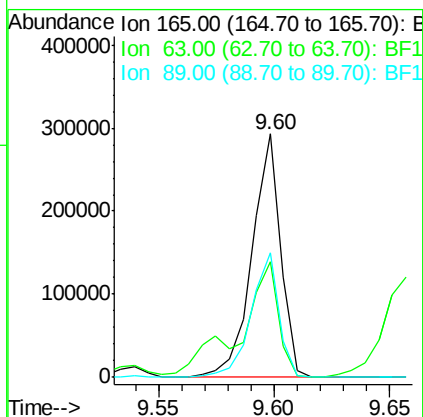
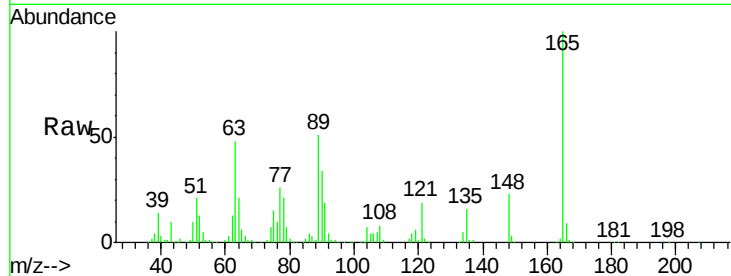
#51
 2,6-Dinitrotoluene
 Concen: 46.12 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampled :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	254064		
63	47.6		37.4	56.0
89	51.0		39.7	59.5

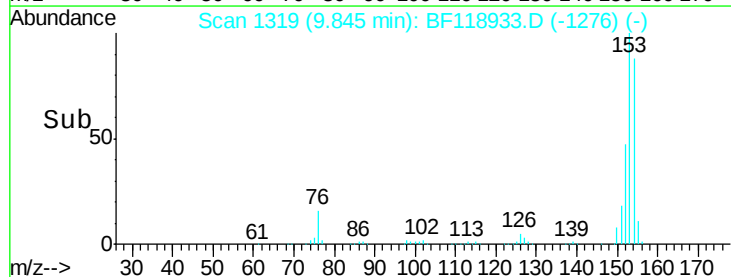
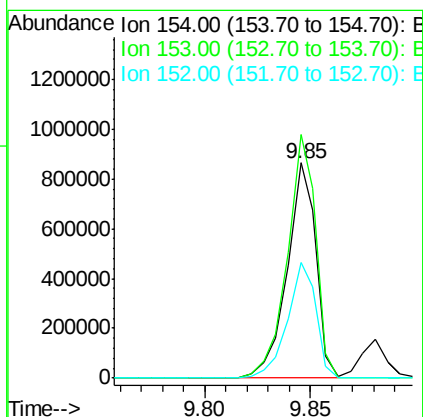
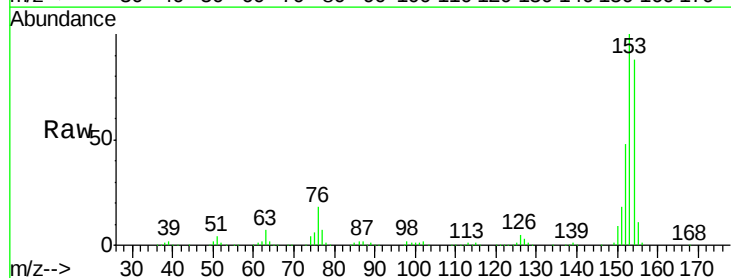
Manual Integrations
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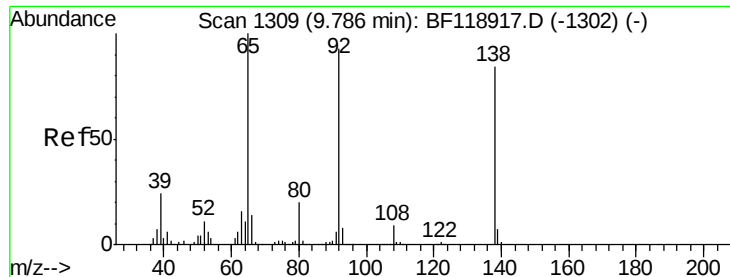
mohammad
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#52
 Acenaphthene
 Concen: 42.49 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	821995		
153	113.2		89.4	134.0
152	53.8		43.6	65.4





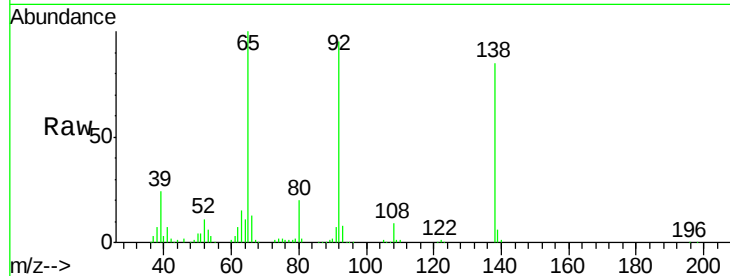
#53
3-Nitroaniline
Concen: 28.52 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174221		
108	10.9	8.5	12.7	
92	111.4	82.2	123.4	

Manual Integrations
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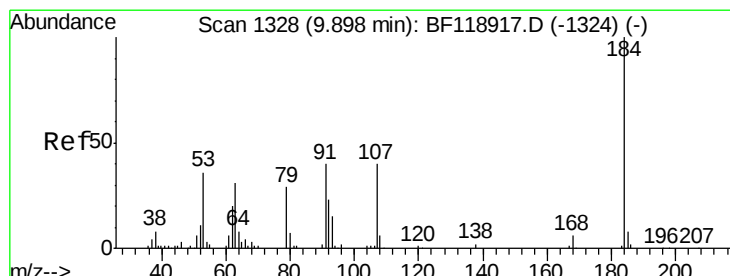
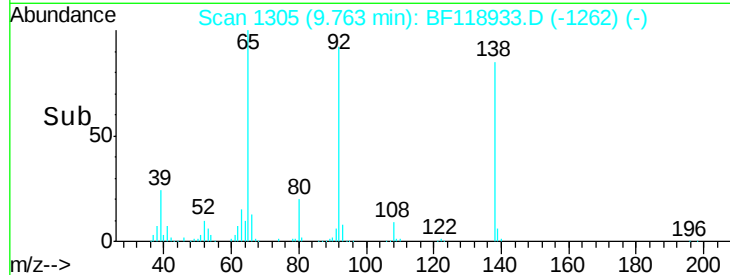
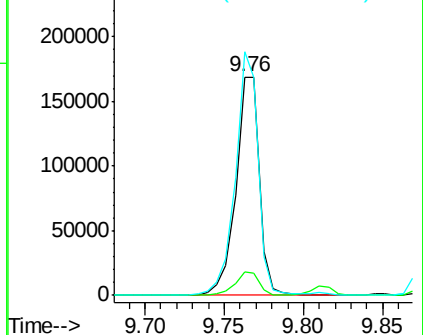


Abundance

Ion 138.00 (137.70 to 138.70): E

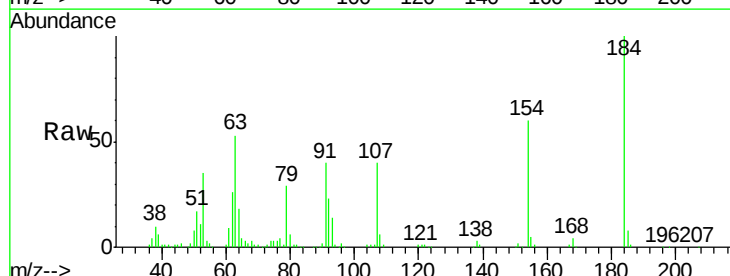
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 85.83 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	227293		
63	53.5	47.5	71.3	
154	60.4	48.6	72.8	

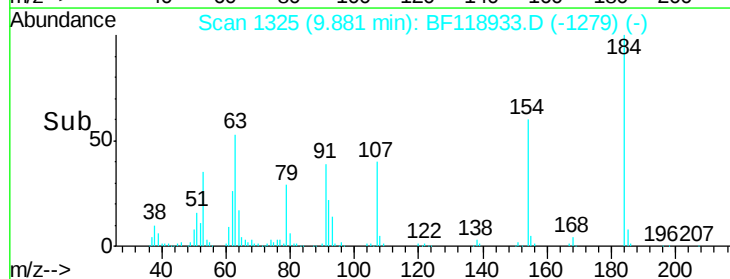
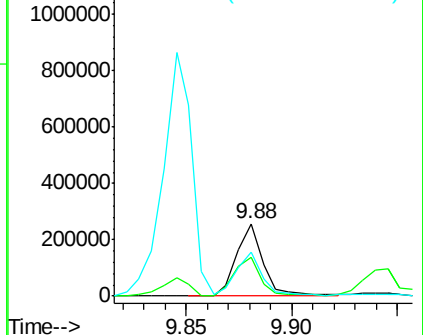


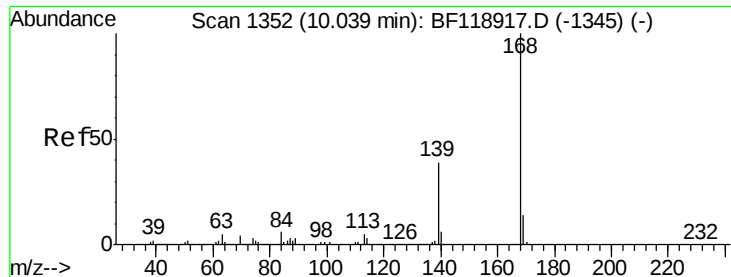
Abundance

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





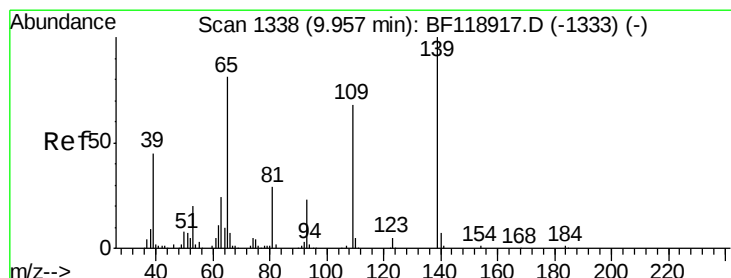
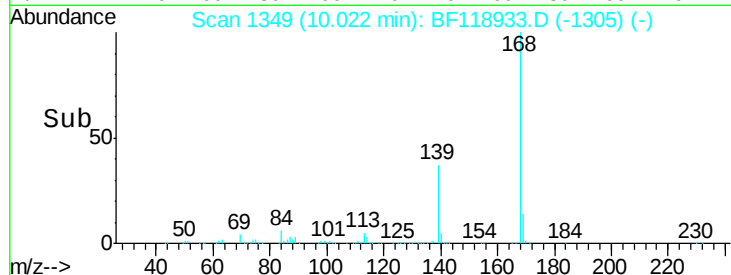
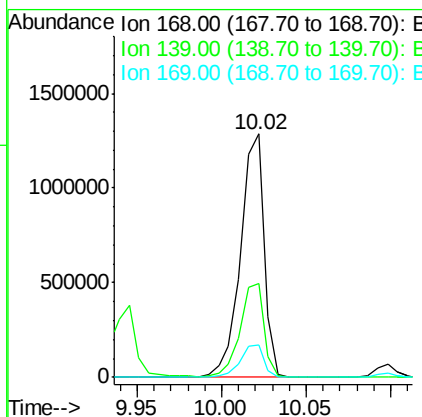
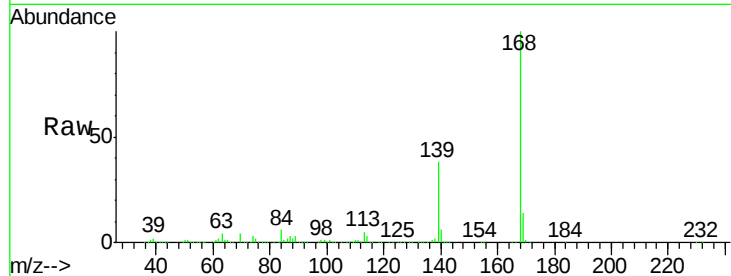
#55
Dibenzofuran
Concen: 44.98 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion:168 Resp: 1257507
Ion Ratio Lower Upper
168 100
139 38.4 31.6 47.4
169 13.6 11.4 17.2

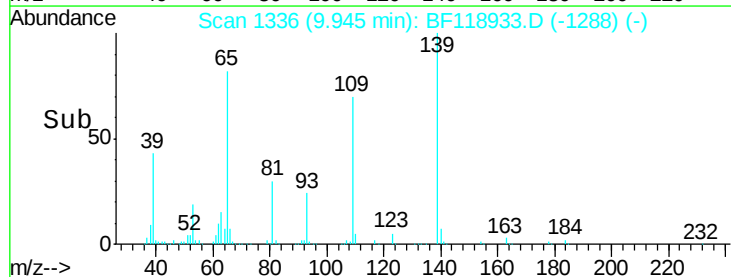
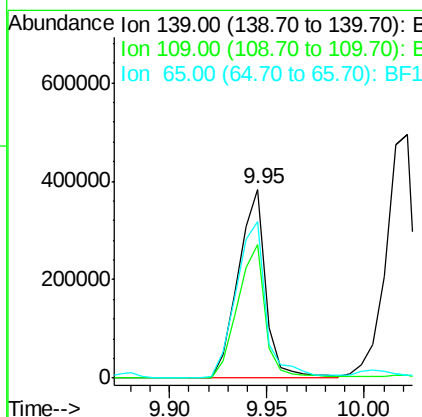
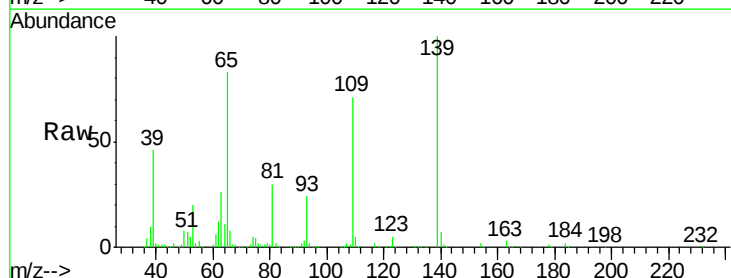
Manual Integrations
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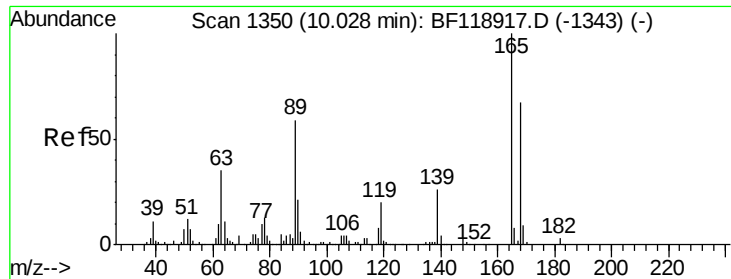
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#56
4-Nitrophenol
Concen: 85.64 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:139 Resp: 378667
Ion Ratio Lower Upper
139 100
109 70.8 48.0 88.0
65 82.7 68.3 108.3





#57

2,4-Dinitrotoluene

Concen: 46.50 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

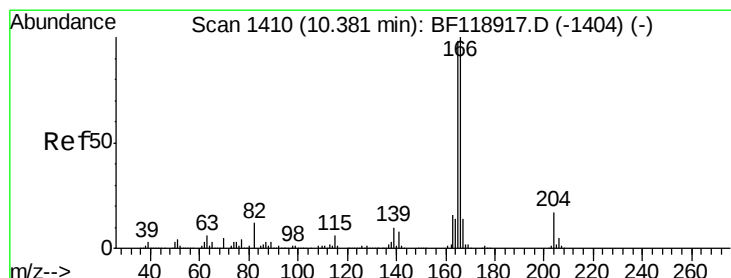
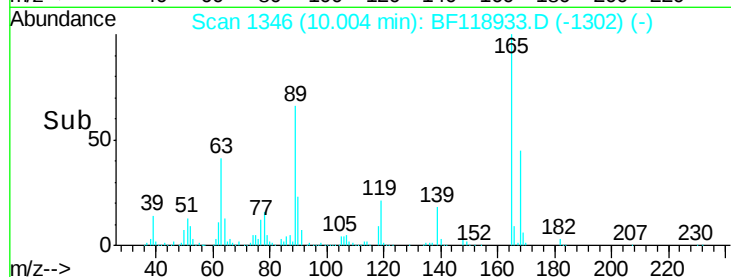
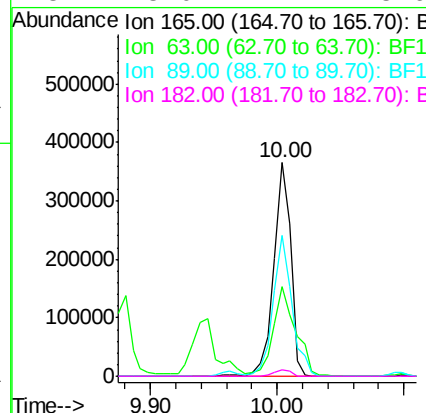
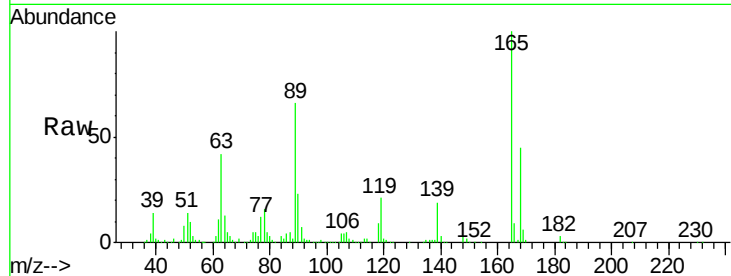
ClientSampleId :

PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	338991		
63	41.7	25.5	38.3	#
89	65.8	45.4	68.0	
182	3.0	2.4	3.6	

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#58

Fluorene

Concen: 46.15 ng

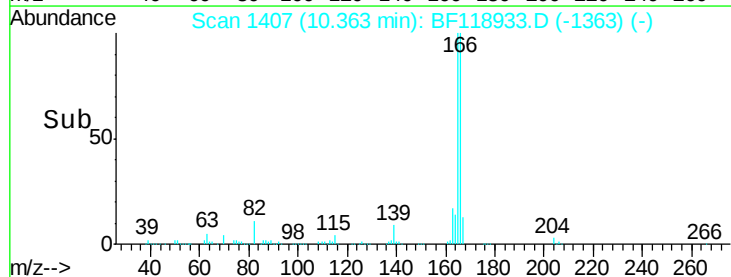
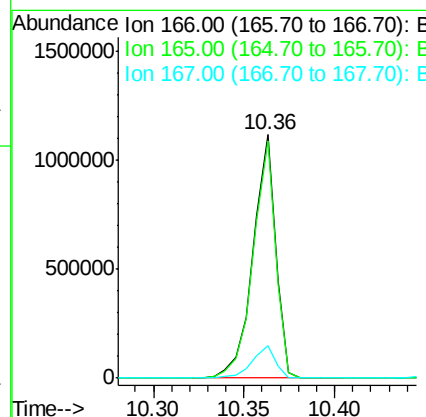
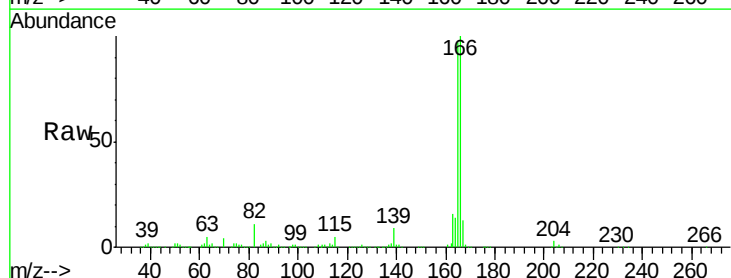
RT: 10.36 min Scan# 1407

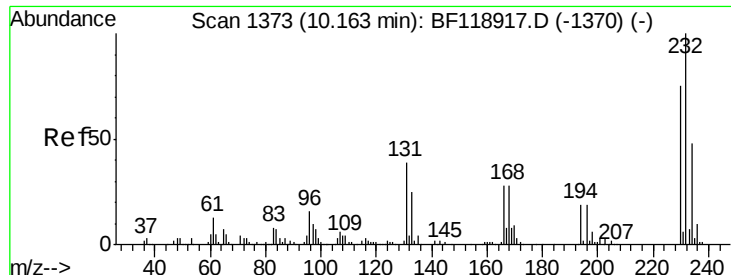
Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	970772		
165	97.3	77.0	115.6	
167	13.4	11.1	16.7	





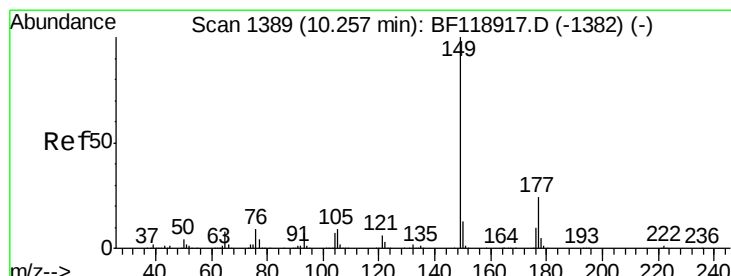
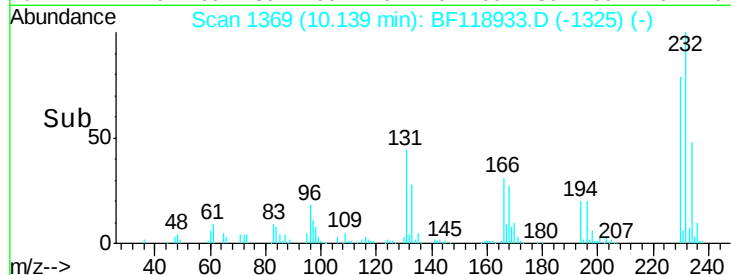
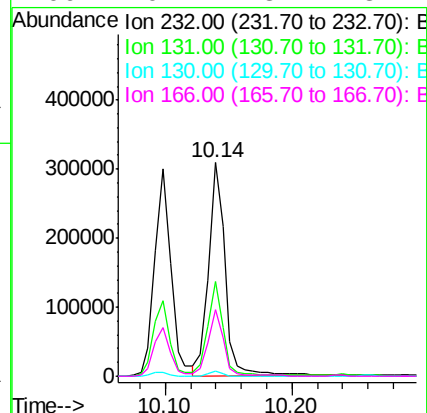
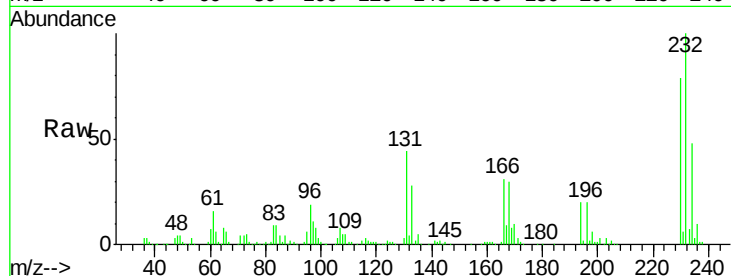
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.03 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	280356		
131	42.7	31.8	47.6	
130	2.2	1.6	2.4	
166	29.4	23.1	34.7	

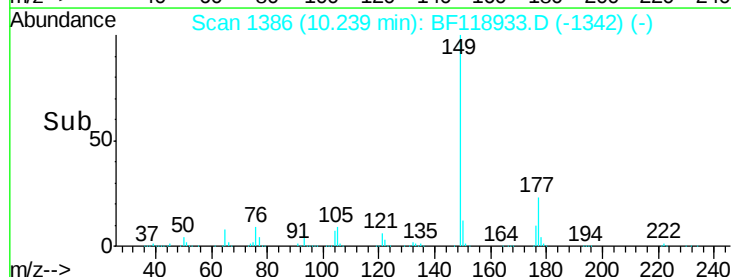
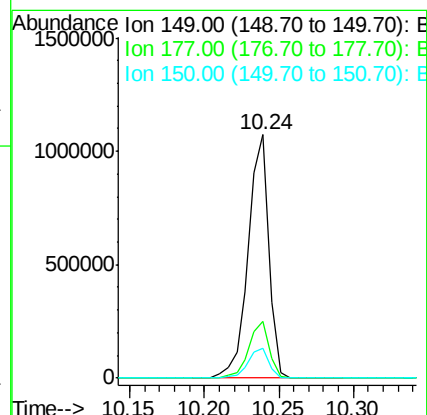
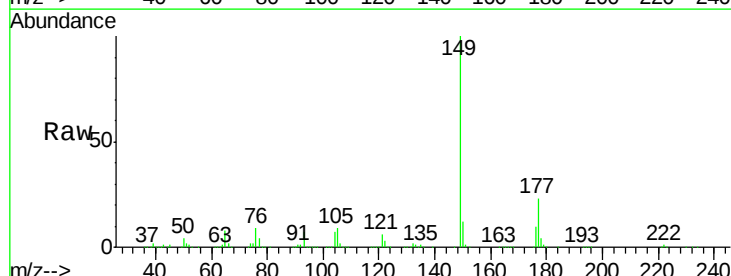
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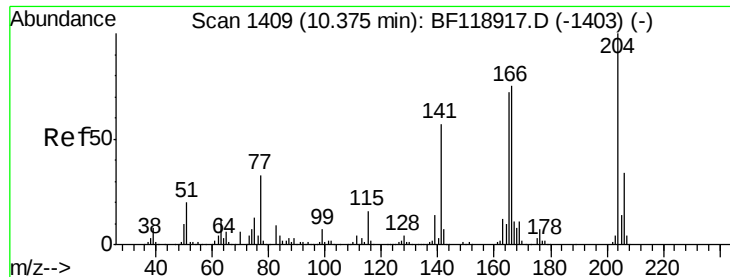
mohammad
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#60
 Diethylphthalate
 Concen: 43.88 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1027333		
177	23.2	19.3	28.9	
150	12.4	10.4	15.6	





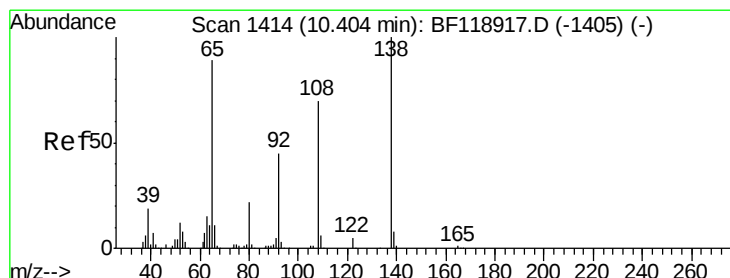
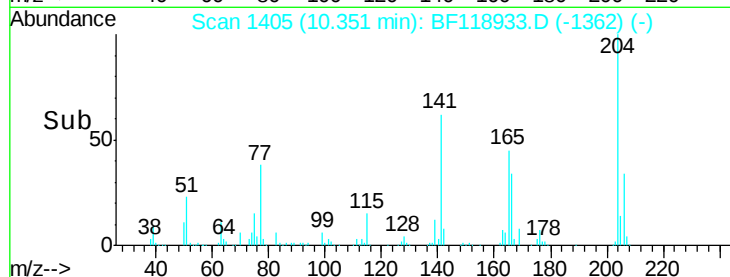
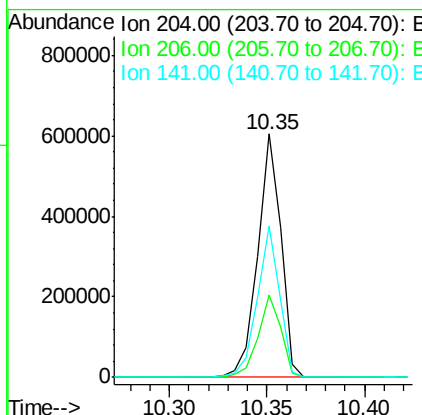
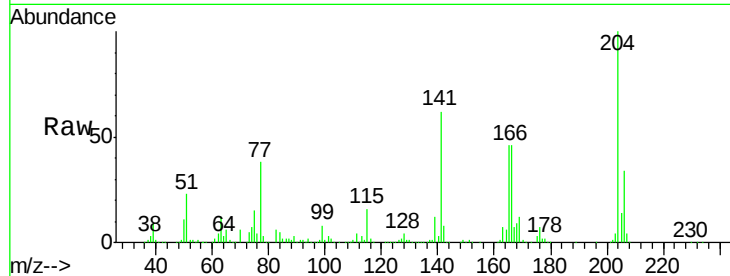
#61
4-Chlorophenyl-phenylether
Concen: 43.48 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	495935		
206	33.6	27.4	41.2	
141	62.3	47.8	71.6	

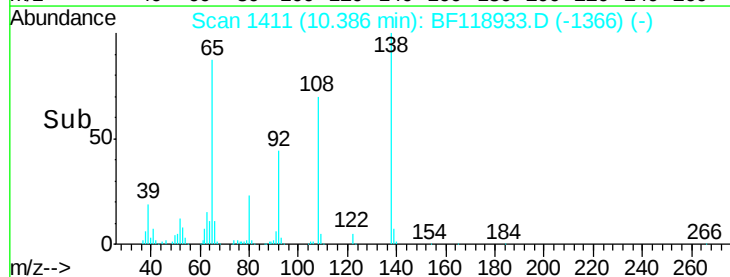
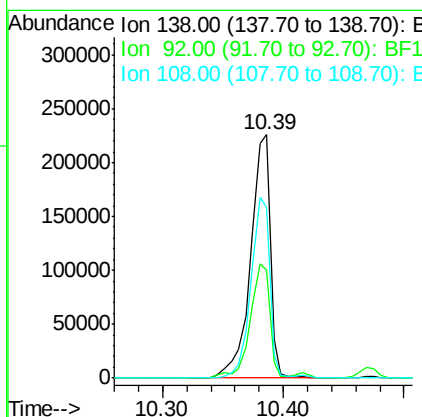
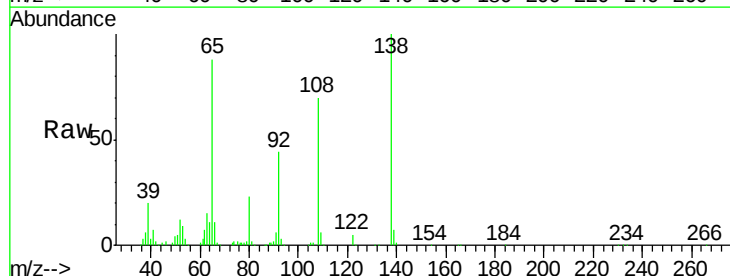
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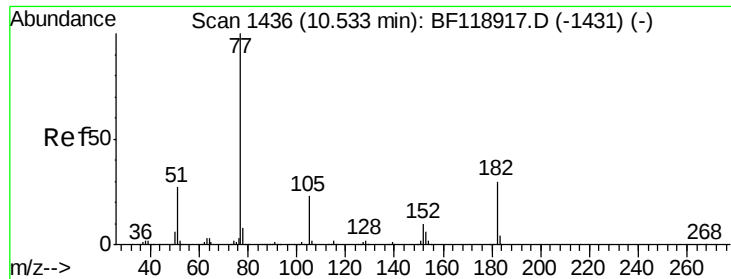
mohammad
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#62
4-Nitroaniline
Concen: 42.57 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	260419		
92	44.3	27.6	67.6	
108	70.2	51.3	91.3	





#63

Azobenzene

Concen: 46.16 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.05 min

Lab File: BF118933.D

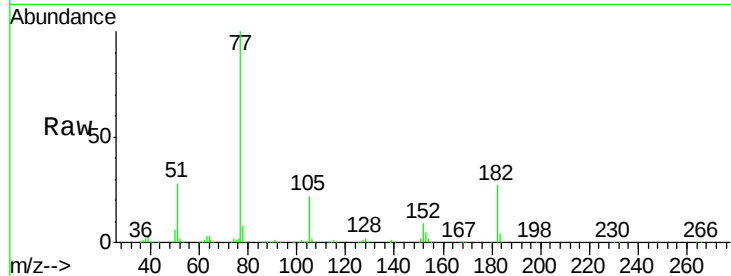
Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

PB126820BS



Tgt Ion: 77 Resp: 922519

Ion Ratio Lower Upper

77 100

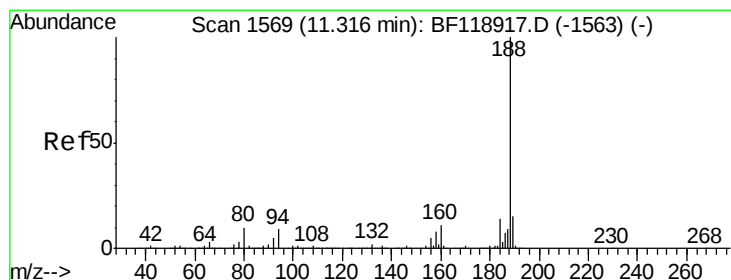
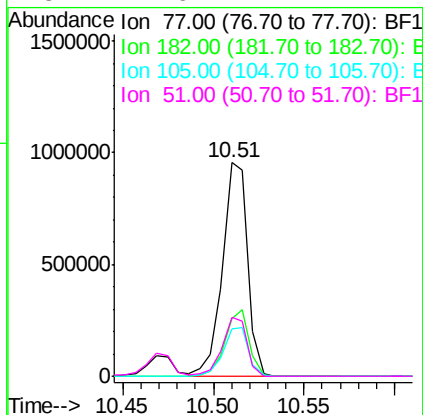
182 26.7 9.2 49.2

105 22.1 3.1 43.1

51 27.6 7.4 47.4

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#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

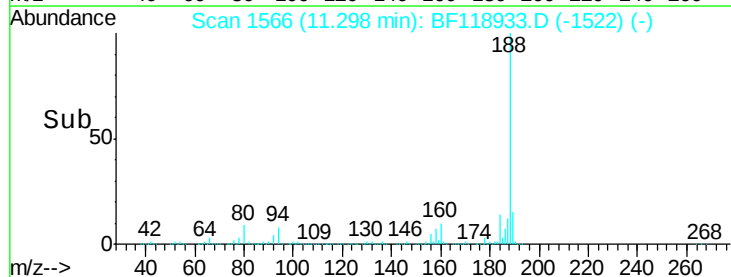
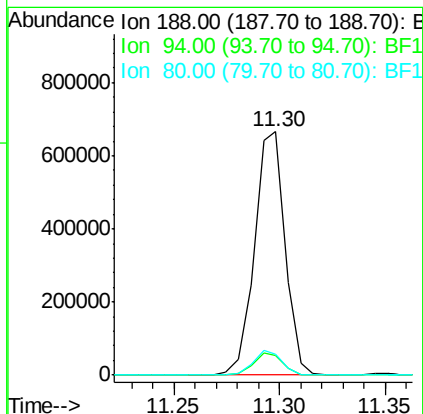
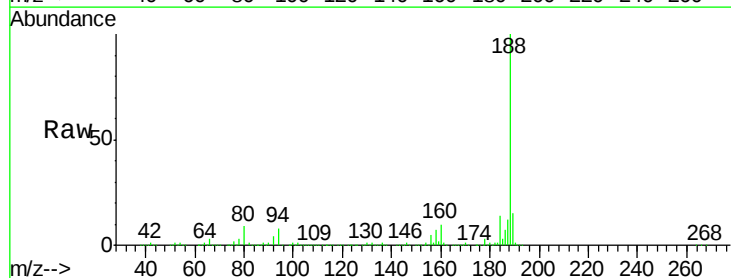
Tgt Ion: 188 Resp: 670136

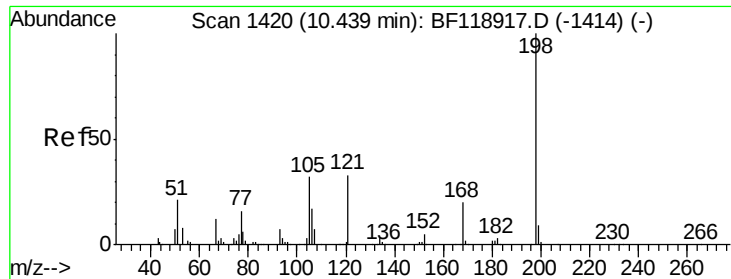
Ion Ratio Lower Upper

188 100

94 8.0 7.9 11.9

80 8.6 8.4 12.6





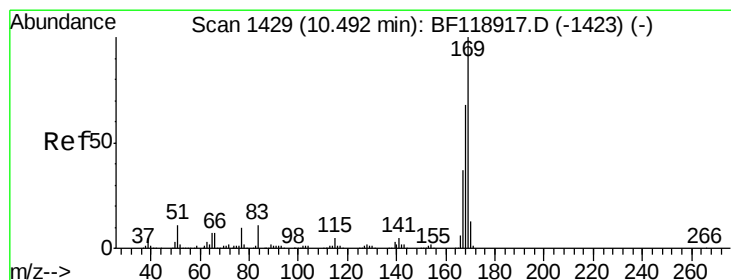
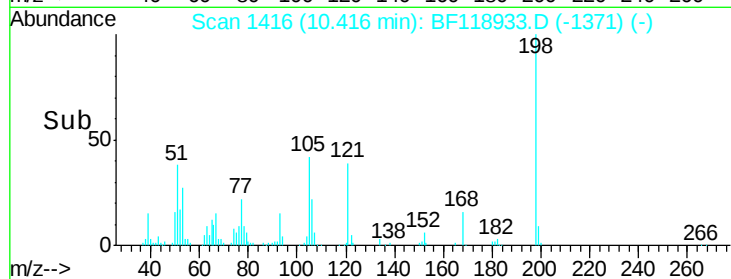
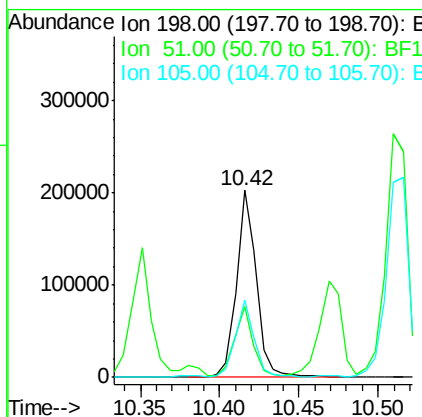
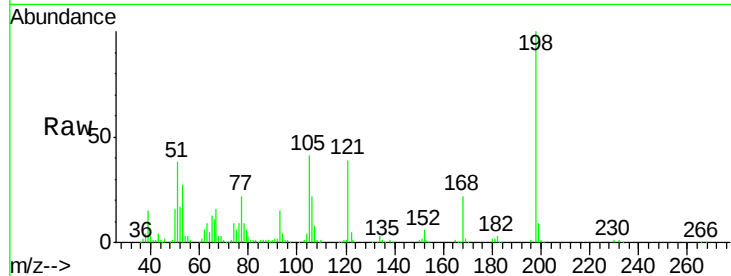
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.35 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	178301		
51	37.7	16.7	56.7	
105	41.3	22.0	62.0	

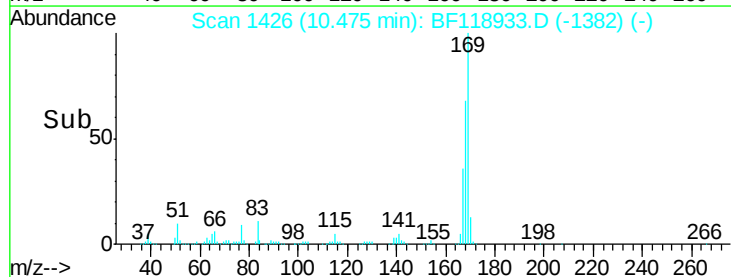
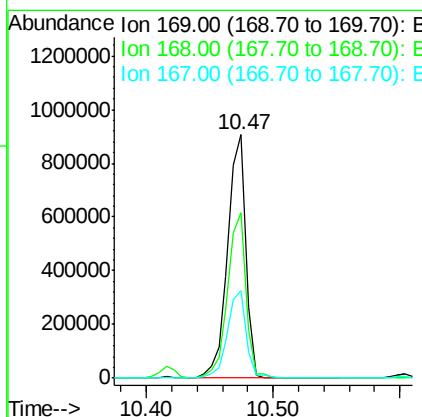
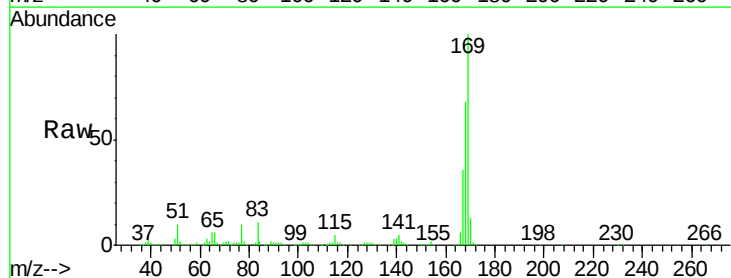
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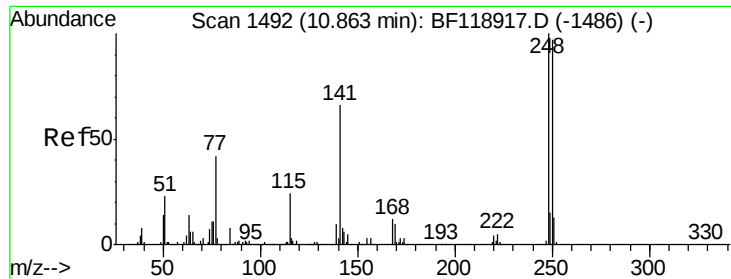
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#66
 n-Nitrosodiphenylamine
 Concen: 46.19 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	896530		
168	68.1	53.5	80.3	
167	35.9	29.3	43.9	





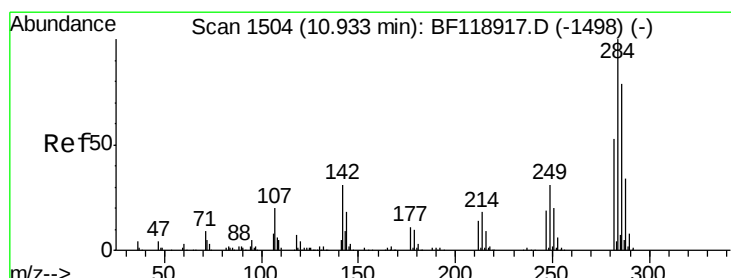
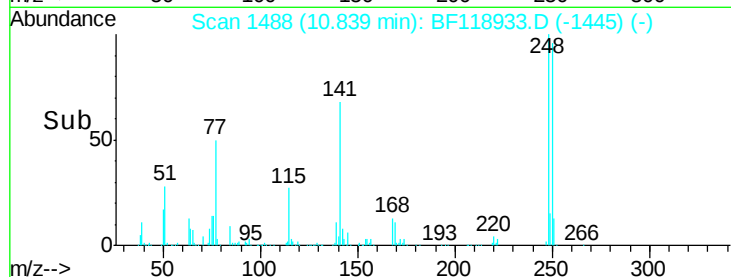
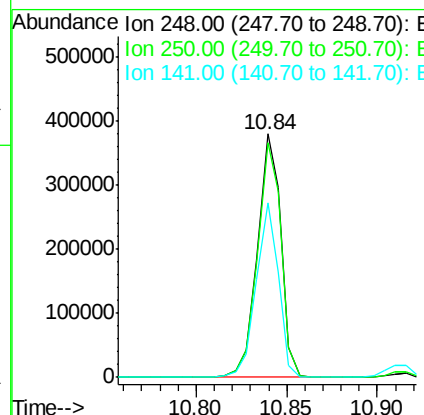
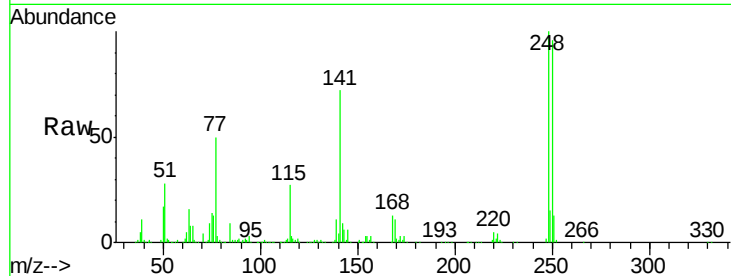
#67
 4-Bromophenyl-phenylether
 Concen: 42.94 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB126820BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.6	116.4
141	71.7	54.4	81.6

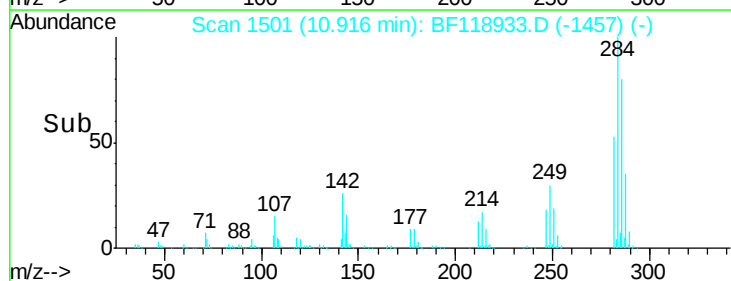
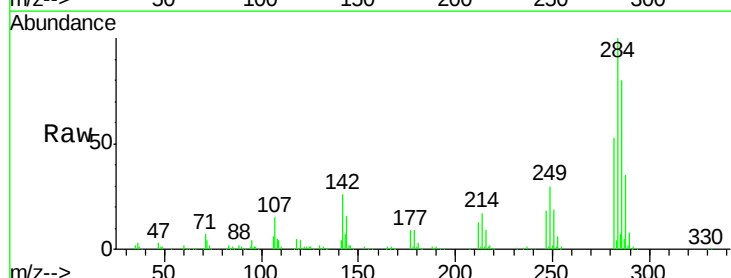
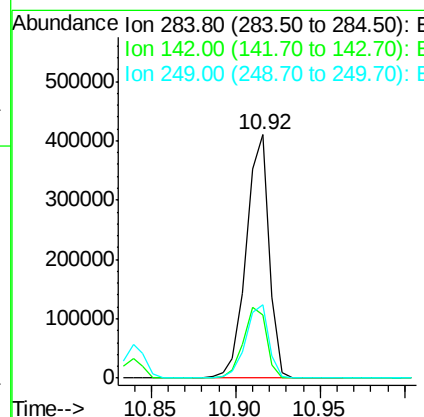
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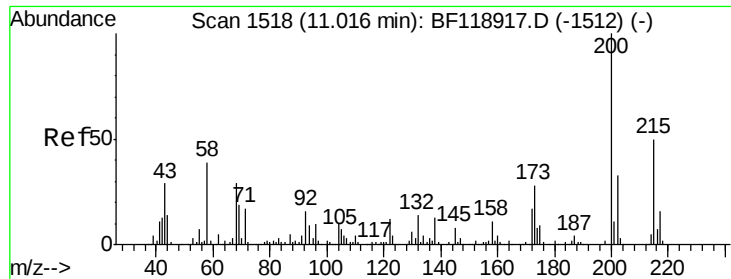
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#68
 Hexachlorobenzene
 Concen: 42.65 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	24.5	36.7
249	30.3	24.7	37.1





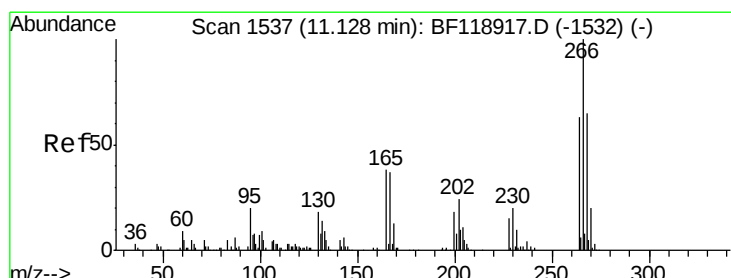
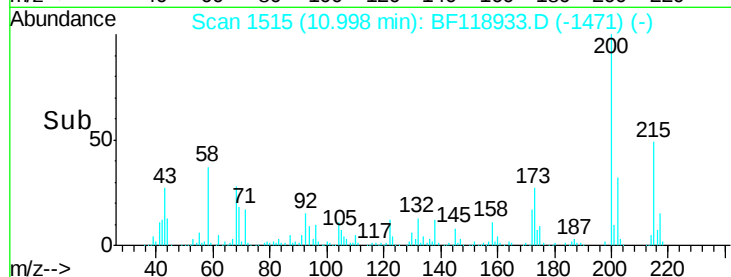
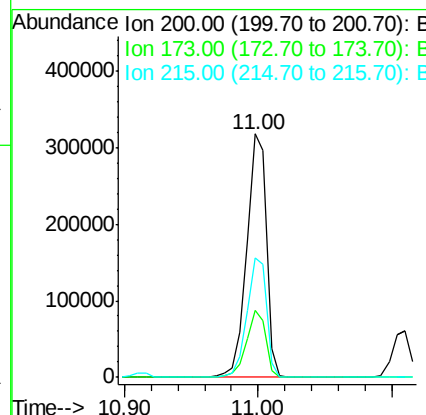
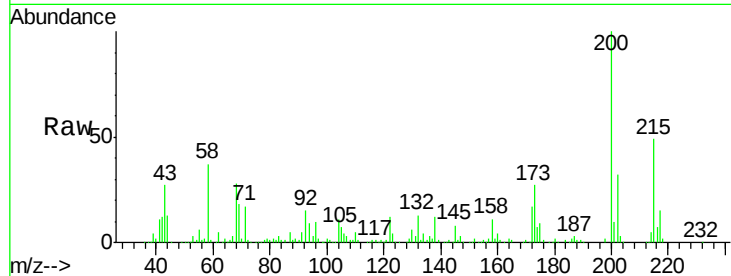
#69
Atrazine
Concen: 49.89 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	322633		
173	27.5	7.5	47.5	
215	49.2	29.9	69.9	

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#70
Pentachlorophenol
Concen: 75.55 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	362739		
268	64.6	51.0	76.6	
264	62.6	51.4	77.2	

