

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118060.D
 Acq On : 3 Dec 2019 14:10
 Operator : JU
 Sample : PB125174BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Manual Integrations
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 12/4/2019 5:01:23 PM

Quant Time: Dec 03 16:29:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134819	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	560576	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	297142	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	552344	20.00	ng	0.00
76) Chrysene-d12	14.08	240	348281	20.00	ng	0.00
87) Perylene-d12	15.57	264	272395	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1007531	132.28	ng	0.01
7) Phenol-d6	6.52	99	1240496	135.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	630248	66.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	421935	134.13	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1265917	76.43	ng	-0.01
79) Terphenyl-d14	13.02	244	1289964	67.69	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	124715	35.030 ng	96
3) Pyridine	3.49	79	306122	32.779 ng	94
4) n-Nitrosodimethylamine	3.43	42	165580	40.616 ng	97
6) Aniline	6.55	93	319173	26.292 ng	99
8) 2-Chlorophenol	6.67	128	422956	51.177 ng	99
9) Benzaldehyde	6.43	77	153176	22.329 ng	98
10) Phenol	6.53	94	486411	50.953 ng	95
11) bis(2-Chloroethyl)ether	6.62	93	364451	47.541 ng	95
12) 1,3-Dichlorobenzene	6.82	146	439902	45.212 ng	97
13) 1,4-Dichlorobenzene	6.90	146	450481	45.805 ng	98
14) 1,2-Dichlorobenzene	7.05	146	423733	45.049 ng	99
15) Benzyl Alcohol	7.02	79	356864	50.315 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	424774	35.989 ng	93
17) 2-Methylphenol	7.14	107	340182	48.606 ng	98
18) Hexachloroethane	7.40	117	163994	45.391 ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	270324	47.698 ng	98
20) 3+4-Methylphenols	7.29	107	425772	49.008 ng	# 73
22) Acetophenone	7.29	105	562200	44.639 ng	# 95
24) Nitrobenzene	7.46	77	423651	43.548 ng	97
25) Isophorone	7.70	82	747652	43.257 ng	98
26) 2-Nitrophenol	7.78	139	232473	49.096 ng	92
27) 2,4-Dimethylphenol	7.82	122	359827	48.905 ng	94
28) bis(2-Chloroethoxy)methane	7.91	93	459802	41.923 ng	99
29) 2,4-Dichlorophenol	8.03	162	354101	44.368 ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	393259	42.480 ng	99
31) Naphthalene	8.19	128	1234938	47.255 ng	98
32) Benzoic acid	7.95	122	164372	26.681 ng	96
33) 4-Chloroaniline	8.24	127	210603	18.001 ng	97
34) Hexachlorobutadiene	8.30	225	225338	41.633 ng	97
35) Caprolactam	8.62	113	110175m	43.436 ng	
36) 4-Chloro-3-methylphenol	8.73	107	375775	46.394 ng	98
37) 2-Methylnaphthalene	8.89	142	827716	46.876 ng	100
38) 1-Methylnaphthalene	8.99	142	766561	45.920 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	364818	42.277 ng	98

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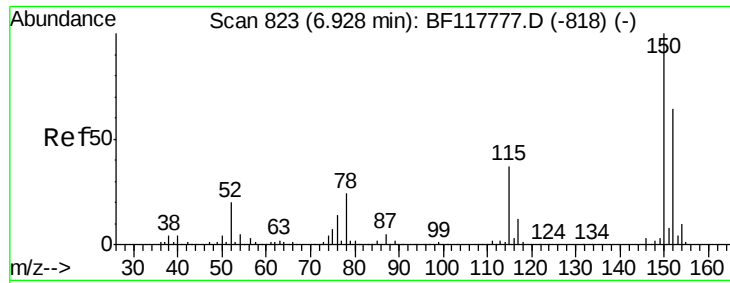
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Quant Time: Dec 03 16:29:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	310236	64.153	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	257127	41.601	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	263094	40.997	ng	98
46) 1,1'-Biphenyl	9.35	154	973567	44.162	ng	98
47) 2-Chloronaphthalene	9.38	162	751307	41.427	ng	99
48) 2-Nitroaniline	9.47	65	221338	40.426	ng	92
49) Acenaphthylene	9.80	152	1196657	45.258	ng	99
50) Dimethylphthalate	9.65	163	900506	43.217	ng	99
51) 2,6-Dinitrotoluene	9.72	165	202691	44.509	ng	92
52) Acenaphthene	9.97	154	705300	41.640	ng	98
53) 3-Nitroaniline	9.89	138	141577	25.981	ng	95
54) 2,4-Dinitrophenol	10.00	184	115023	51.942	ng	94
55) Dibenzofuran	10.14	168	1061182	45.244	ng	99
56) 4-Nitrophenol	10.06	139	323484	79.530	ng	93
57) 2,4-Dinitrotoluene	10.12	165	275419	47.544	ng	96
58) Fluorene	10.49	166	833740	45.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	220587	41.834	ng	96
60) Diethylphthalate	10.36	149	900752	44.340	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	410374	44.490	ng	97
62) 4-Nitroaniline	10.50	138	192340	35.253	ng	98
63) Azobenzene	10.63	77	794584	42.993	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	101852	39.500	ng	84
66) n-Nitrosodiphenylamine	10.59	169	749095	46.600	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	259087	43.473	ng	97
68) Hexachlorobenzene	11.04	284	301156	43.336	ng	# 92
69) Atrazine	11.13	200	246988	46.709	ng	99
70) Pentachlorophenol	11.23	266	269643	66.414	ng	99
71) Phenanthrene	11.45	178	1253875	45.152	ng	98
72) Anthracene	11.50	178	1280573	46.510	ng	98
73) Carbazole	11.66	167	1073685	44.625	ng	99
74) Di-n-butylphthalate	11.99	149	1386758	46.292	ng	99
75) Fluoranthene	12.64	202	1250751	50.355	ng	98
77) Benzidine	12.77	184	6846	0.600	ng	# 1
78) Pyrene	12.87	202	1244543	44.217	ng	99
80) Butylbenzylphthalate	13.49	149	551155	45.592	ng	98
81) Benzo(a)anthracene	14.07	228	1012510	43.994	ng	99
82) 3,3'-Dichlorobenzidine	14.03	252	243551	30.253	ng	99
83) Chrysene	14.10	228	970083	43.499	ng	96
84) Bis(2-ethylhexyl)phthalate	14.05	149	757911	51.713	ng	98
85) Di-n-octyl phthalate	14.67	149	1122667	52.142	ng	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	960453	50.601	ng	97
88) Benzo(b)fluoranthene	15.13	252	830349	46.919	ng	98
89) Benzo(k)fluoranthene	15.16	252	834605	50.051	ng	98
90) Benzo(a)pyrene	15.51	252	742164	47.690	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	800154	59.736	ng	96
92) Benzo(g,h,i)perylene	17.56	276	829263	62.157	ng	99

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



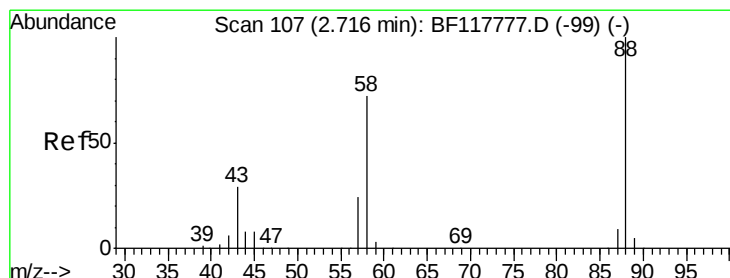
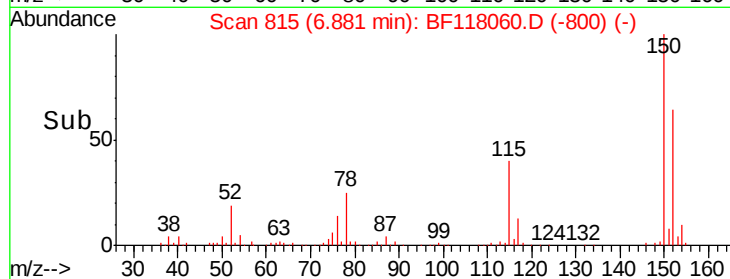
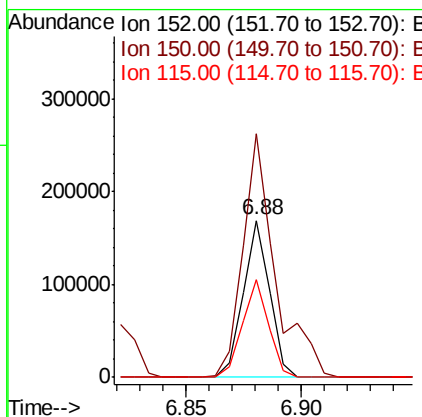
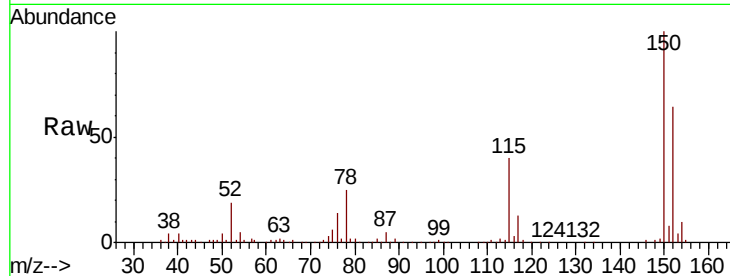
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	62.0	47.0	70.4

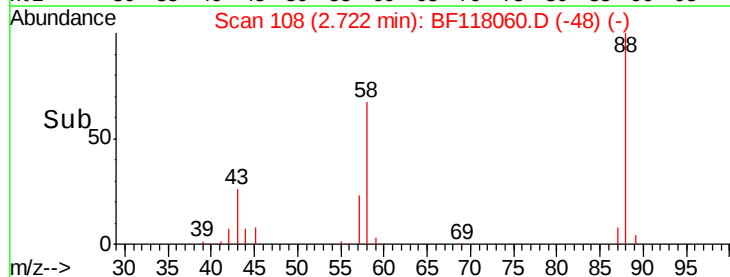
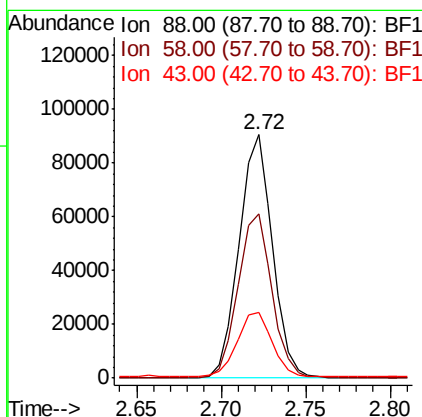
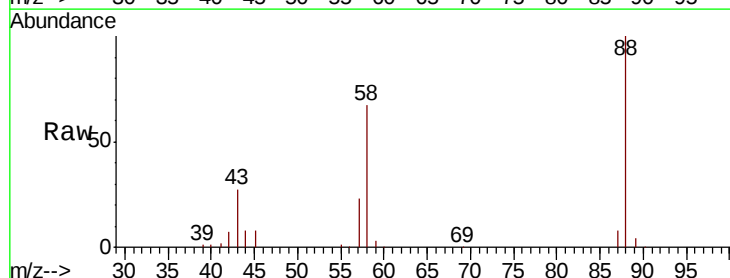
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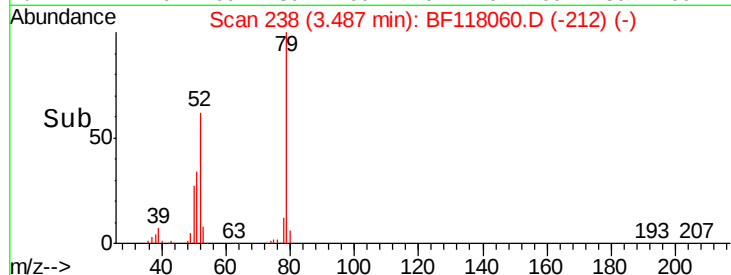
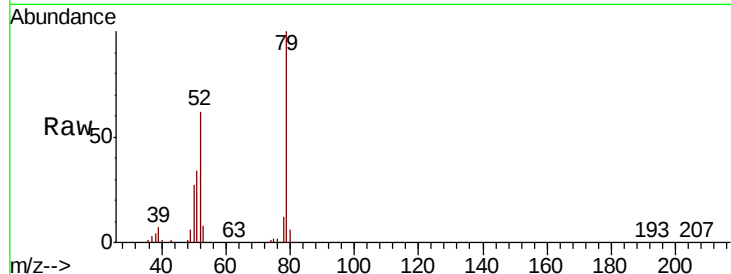
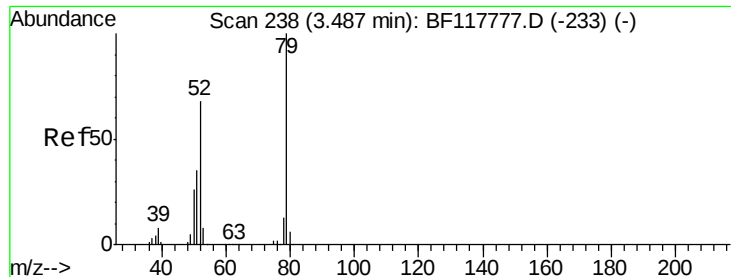
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#2
 1,4-Dioxane
 Concen: 35.030 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.05 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	58.2	87.2
43	27.6	23.3	34.9





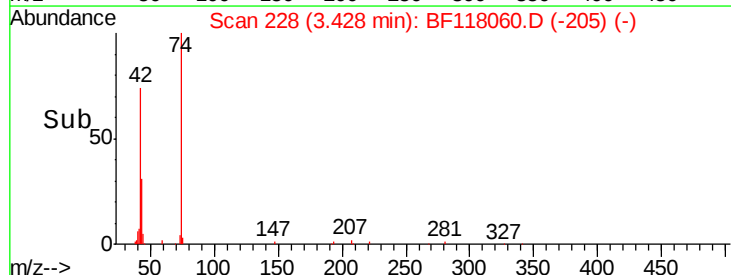
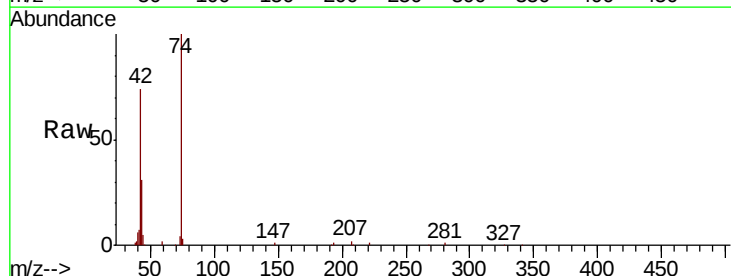
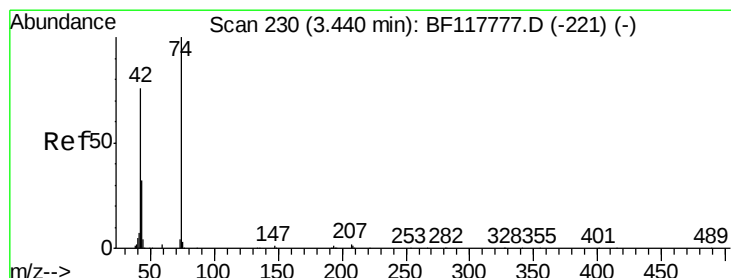
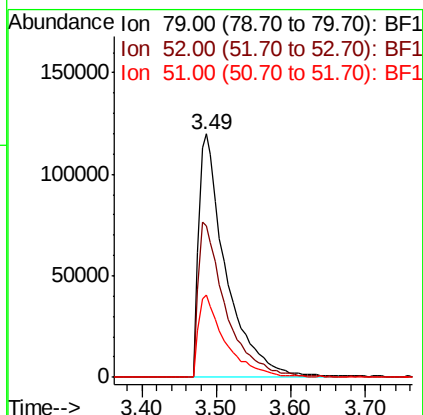
#3
Pvridine
Concen: 32.779 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.05 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.3	54.8	82.2
51	33.6	28.2	42.4

Instrument :
BNA_F
ClientSampleId :
PB125174BS

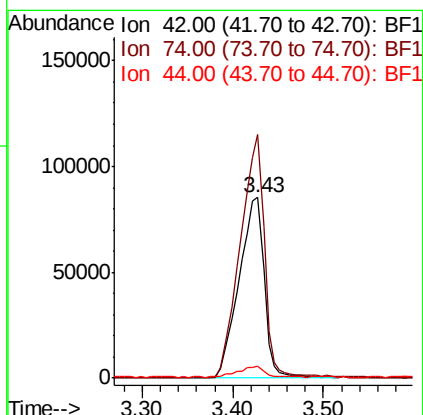
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#4
n-Nitrosodimethylamine
Concen: 40.616 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.04 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.8	105.1	157.7
44	7.0	4.6	7.0





#5

2-Fluorophenol

Concen: 132.284 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB125174BS

Tot Ion:112 Resp: 1007531

Ion Ratio Lower Upper

112 100

64 51.1 45.6 68.4

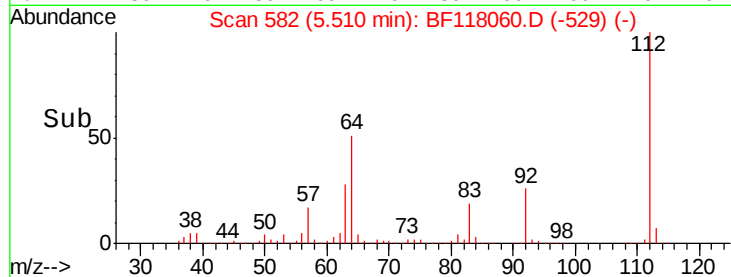
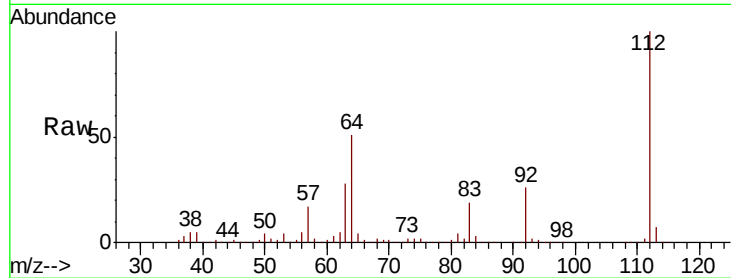
63 27.8 24.1 36.1

Manual Integrations

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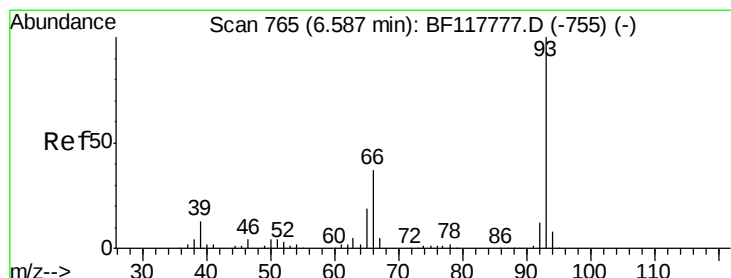
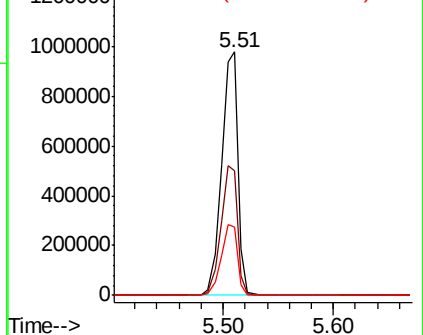
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.292 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

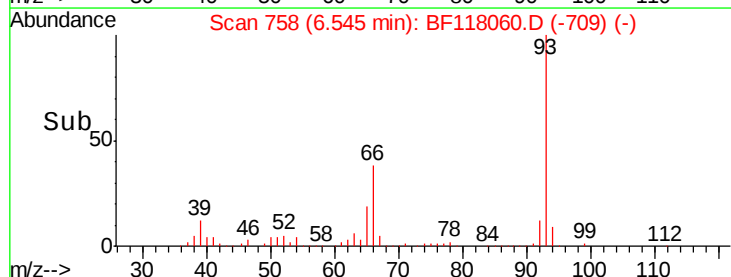
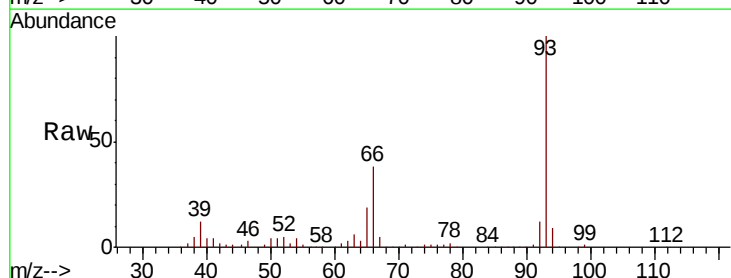
Tgt Ion: 93 Resp: 319173

Ion Ratio Lower Upper

93 100

66 37.8 30.6 45.8

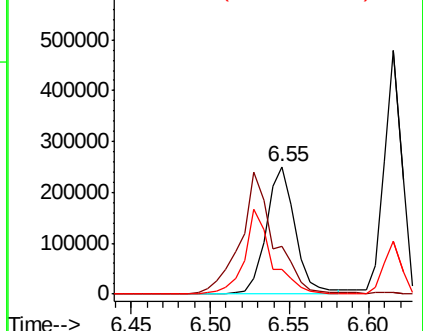
65 19.4 15.6 23.4

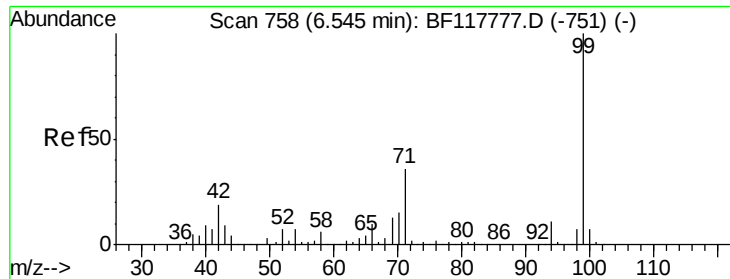


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.032 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB125174BS

Tot Ion: 99 Resp: 1240496

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

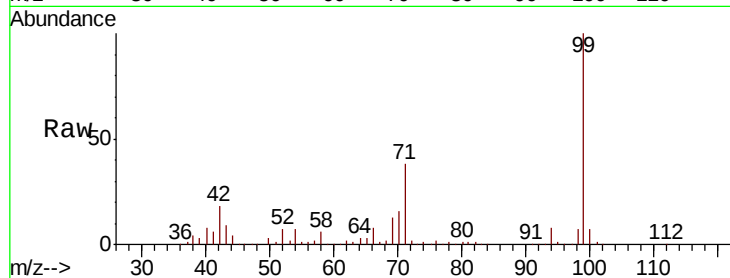
71 37.5 28.6 43.0

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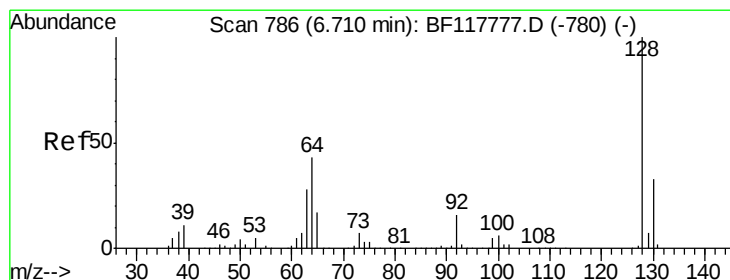
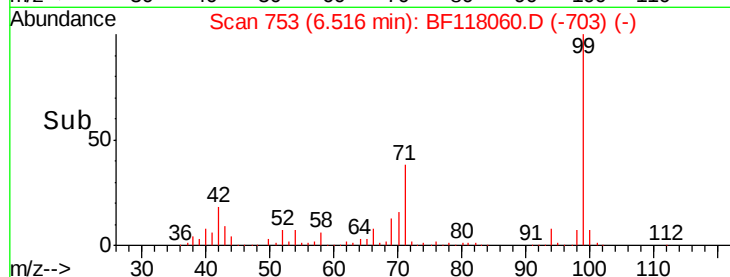
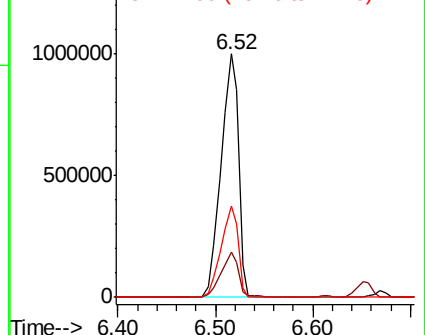
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.177 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

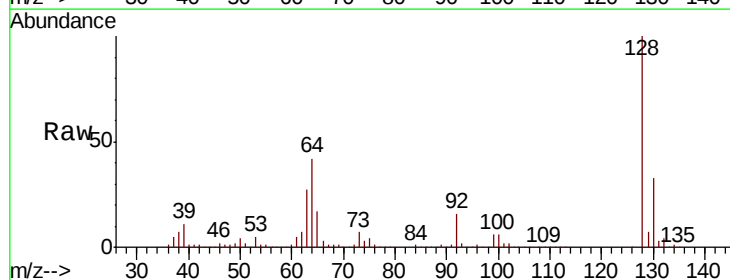
Tgt Ion:128 Resp: 422956

Ion Ratio Lower Upper

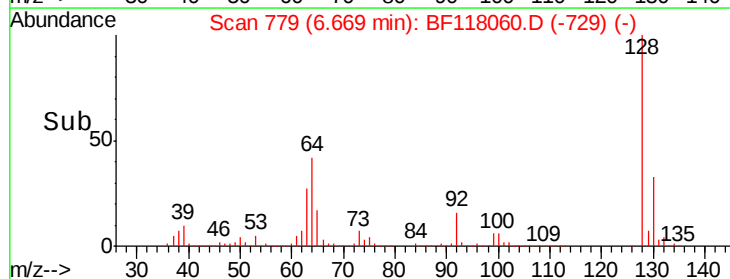
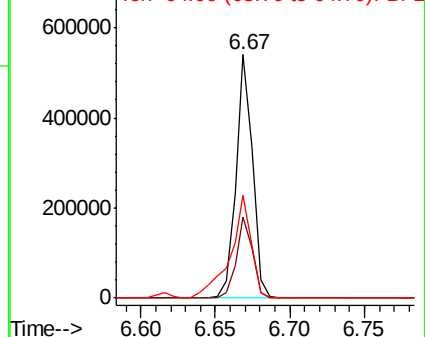
128 100

130 33.1 13.2 53.2

64 42.3 23.7 63.7



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





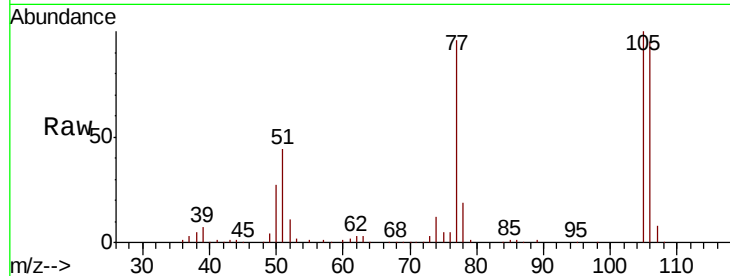
#9
Benzaldehyde
Concen: 22.329 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampled :
PB125174BS

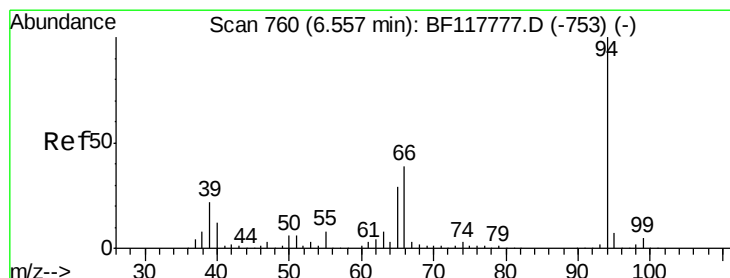
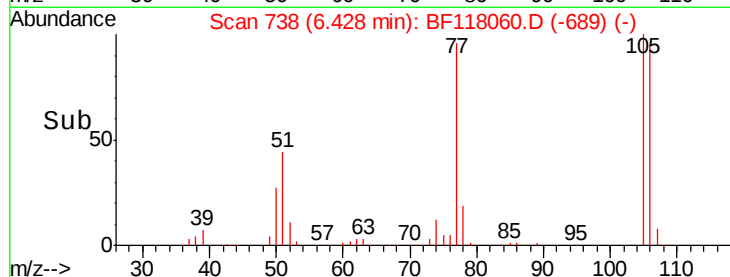
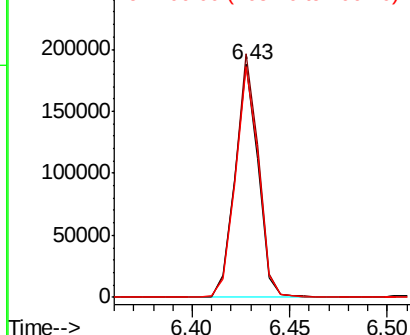
Tot Ion	Ratio	Lower	Upper
77	100		
105	104.5	80.2	120.2
106	98.9	78.4	118.4

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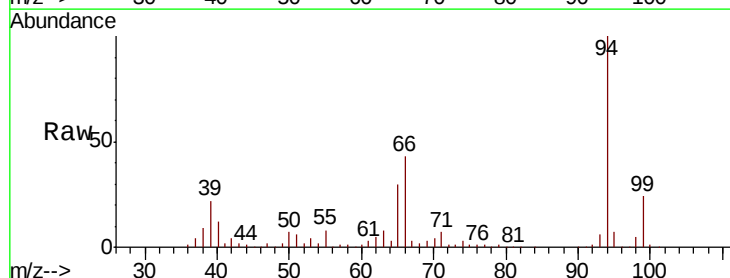


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

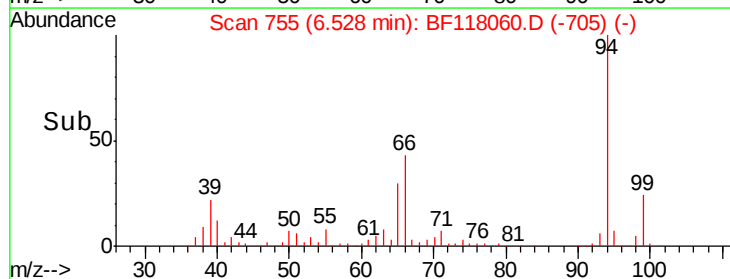
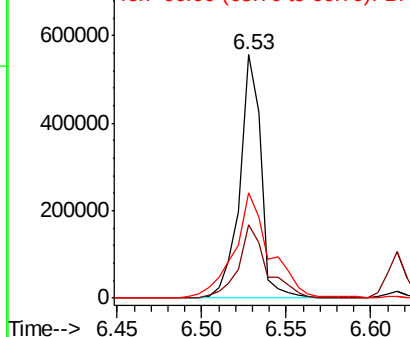


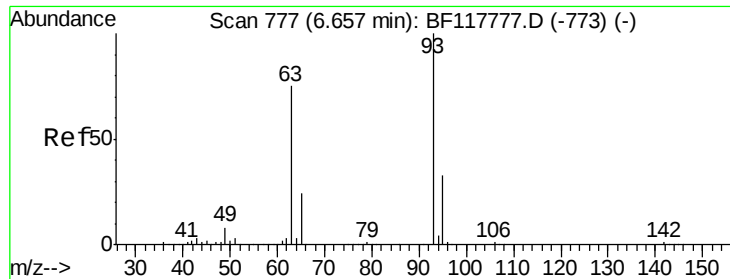
#10
Phenol
Concen: 50.953 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.9	48.9
66	43.1	18.7	58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





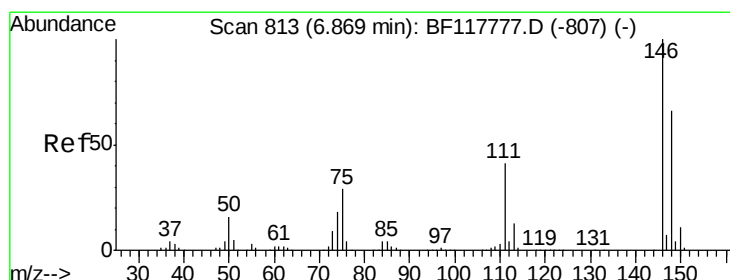
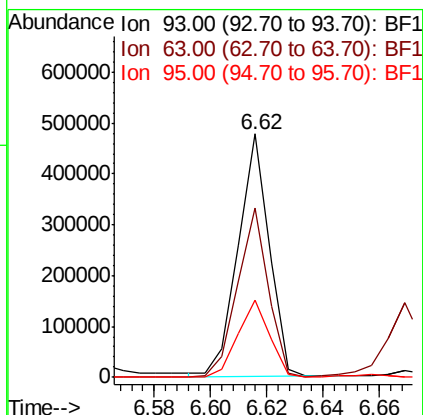
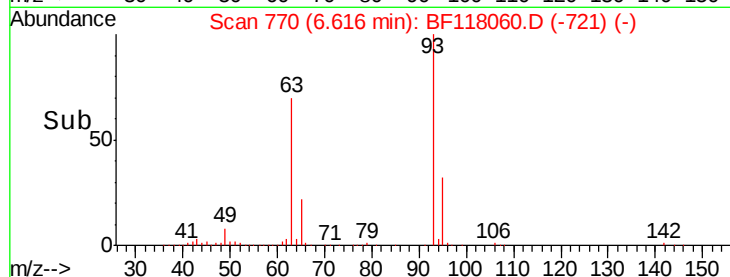
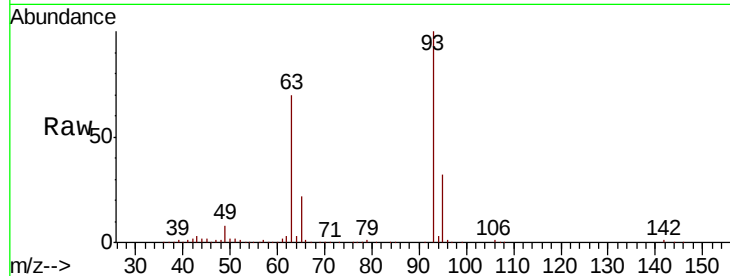
#11
bis(2-Chloroethyl)ether
Concen: 47.541 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion:	93	Resp:	364451
Ion Ratio	Lower	Upper	
93	100		
63	69.6	54.8	94.8
95	31.9	12.7	52.7

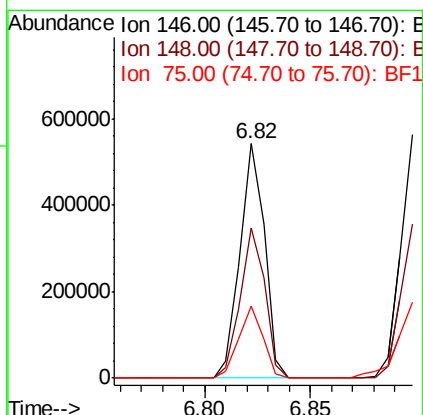
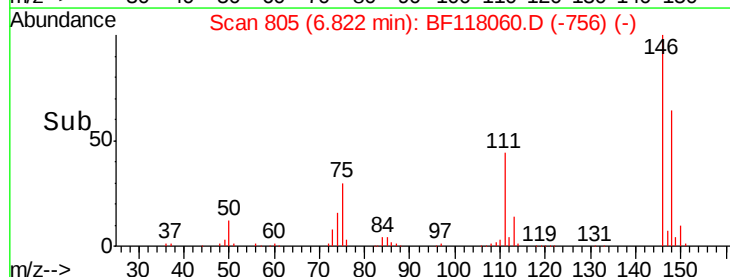
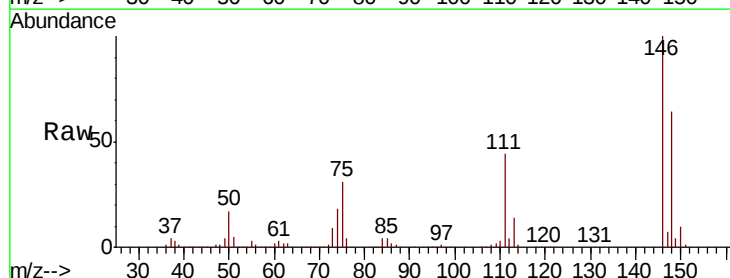
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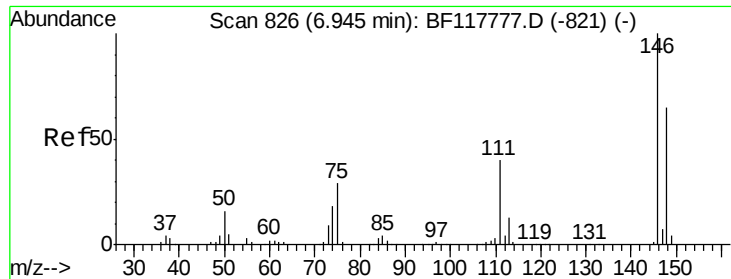
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.212 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion:	146	Resp:	439902
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.8	79.2
75	30.7	23.4	35.0





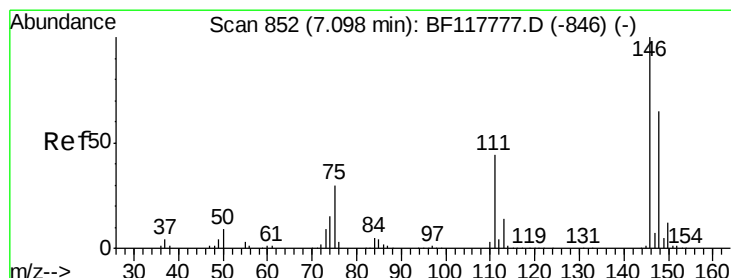
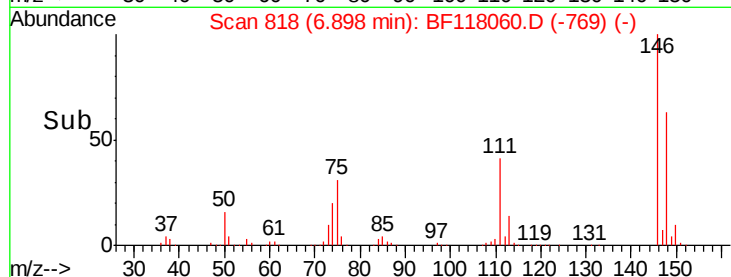
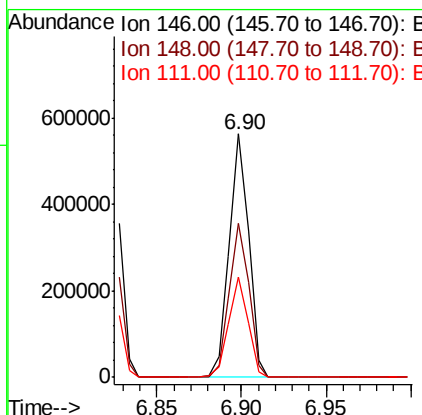
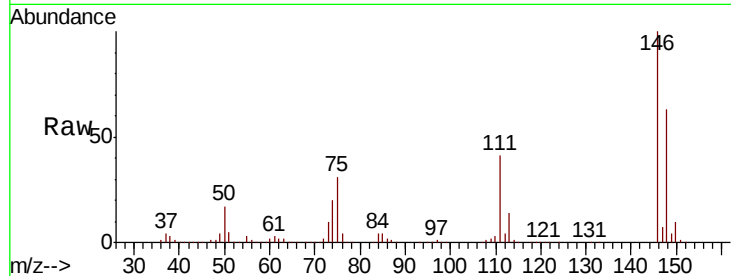
#13
 1,4-Dichlorobenzene
 Concen: 45.805 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	41.4	32.2	48.4

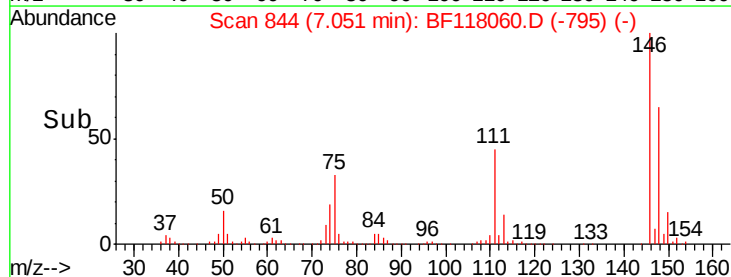
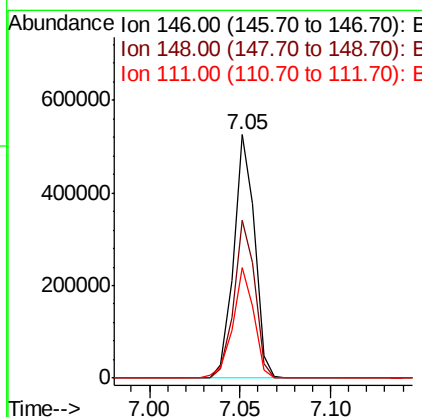
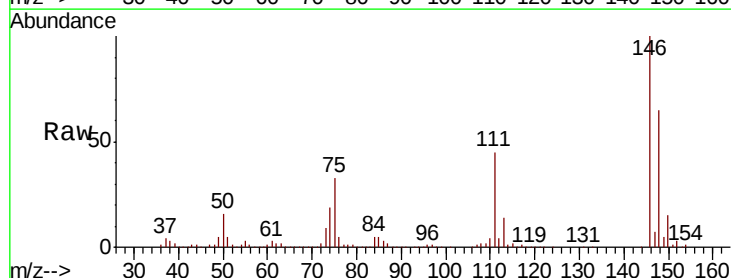
Manual Integrations
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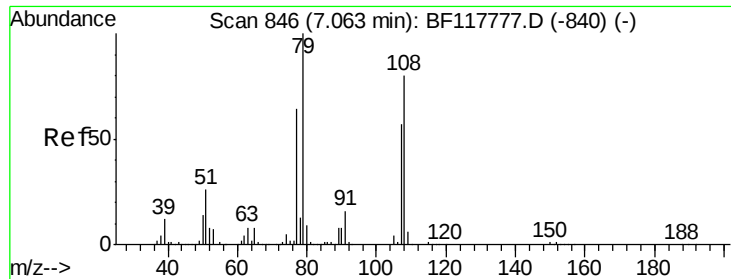
mohammad
 12/4/2019 5:01:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.049 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	45.5	35.0	52.6





#15

Benzyl Alcohol

Concen: 50.315 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

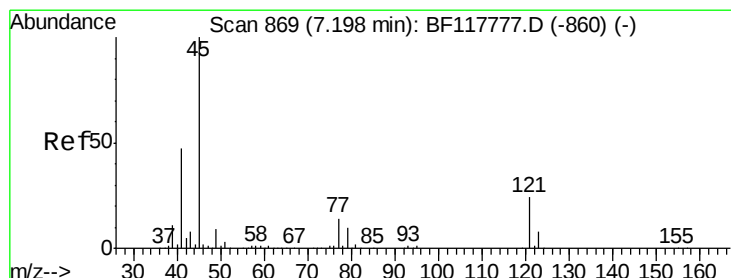
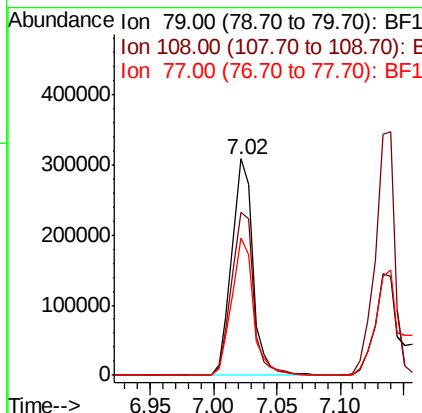
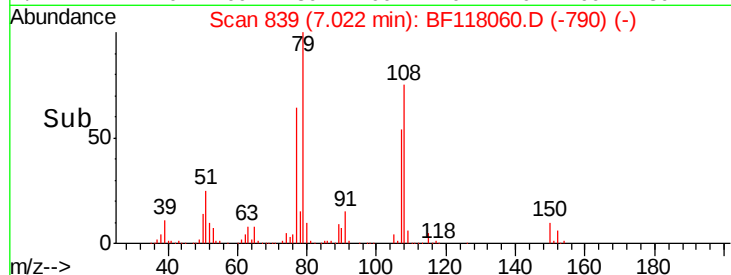
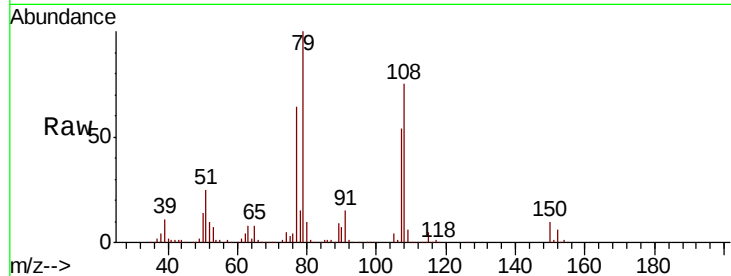
ClientSampleId :

PB125174BS

Tot Ion:	79	Resp:	356864
Ion Ratio	Lower	Upper	
79	100		
108	75.3	64.1	96.1
77	63.7	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.989 ng

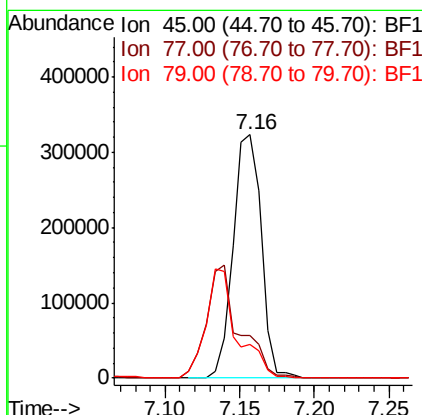
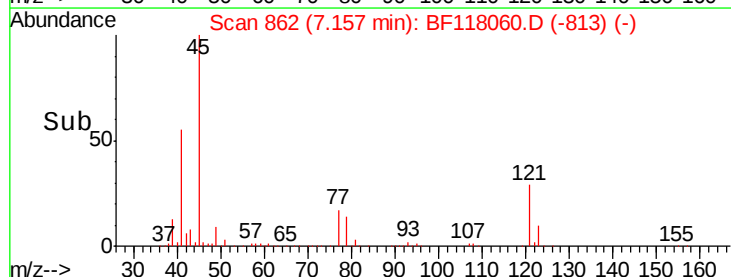
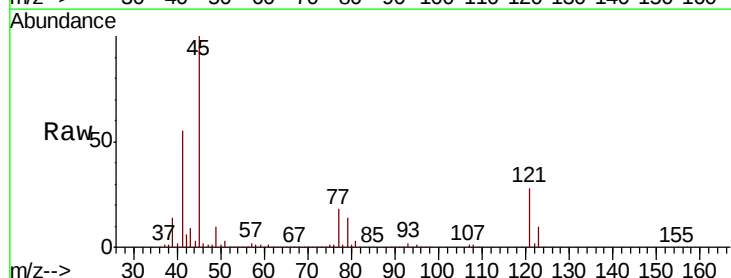
RT: 7.16 min Scan# 862

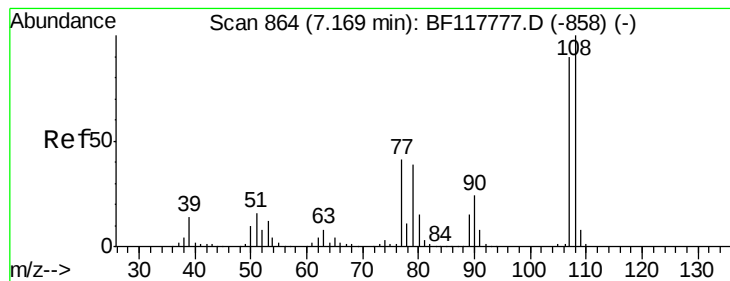
Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	45	Resp:	424774
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	35.0
79	13.8	0.0	31.1





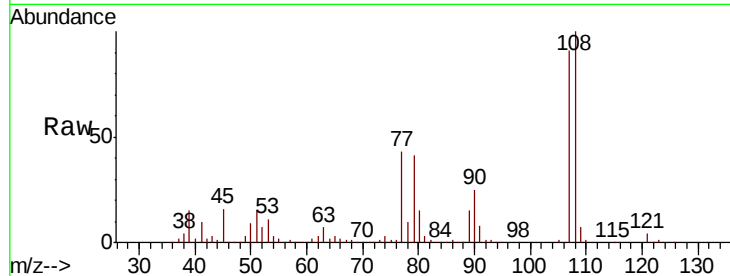
#17
2-Methylphenol
Concen: 48.606 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampled :
PB125174BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.1	133.7	
77	47.4	36.6	54.8	
79	44.7	35.2	52.8	

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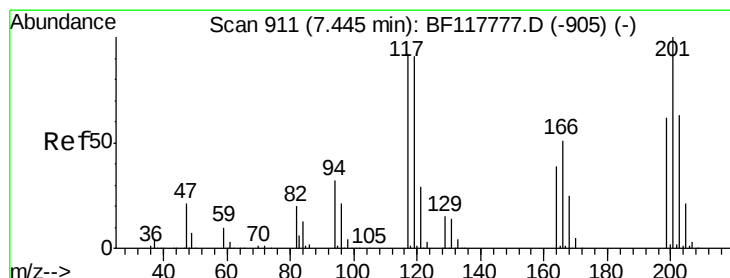
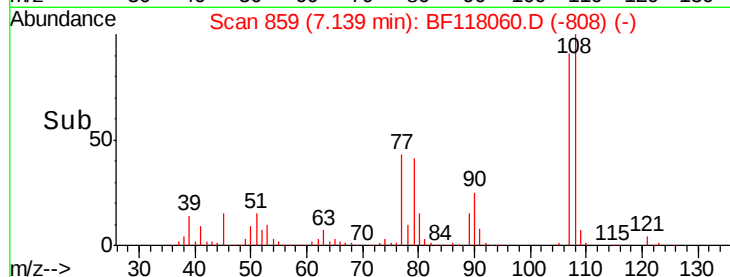
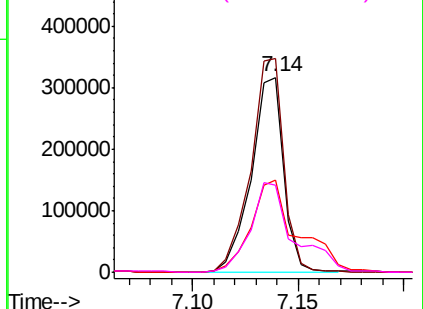
Abundance

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: 45.391 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

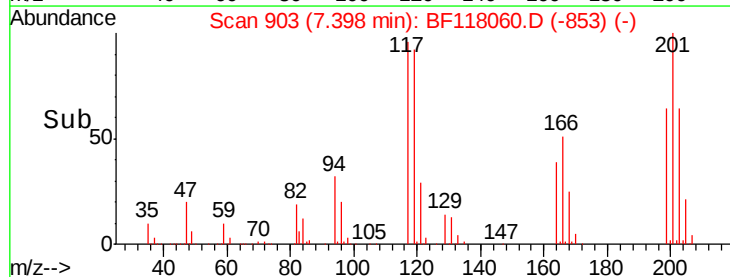
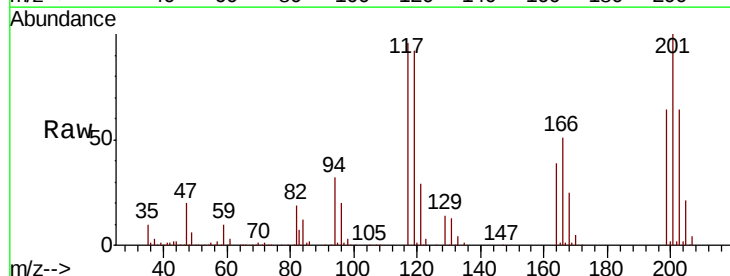
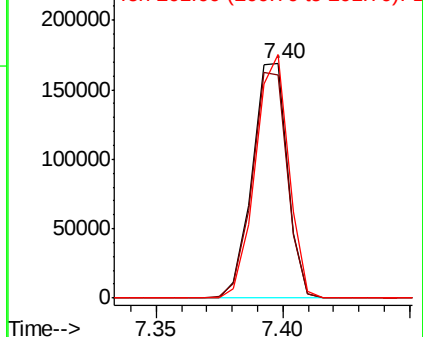
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	78.7	118.1	
201	103.9	86.5	129.7	

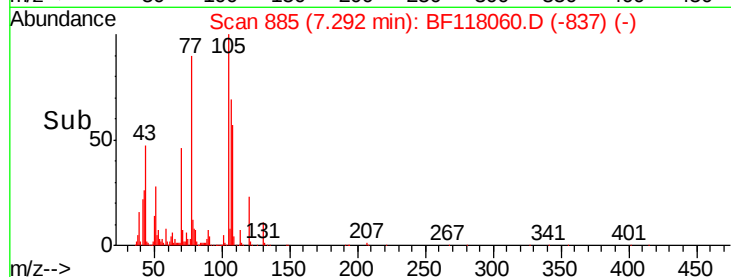
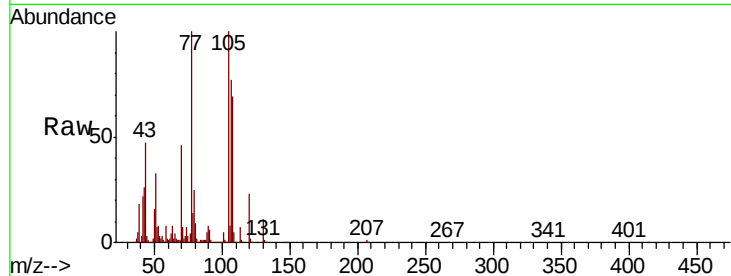
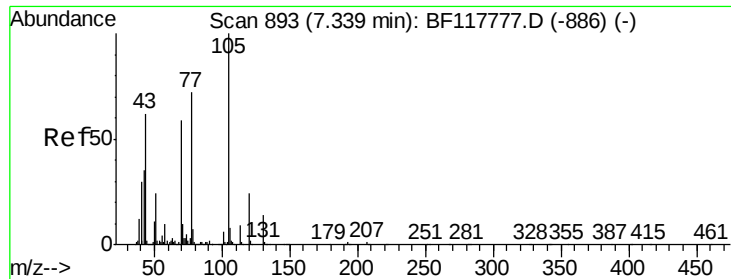
Abundance

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





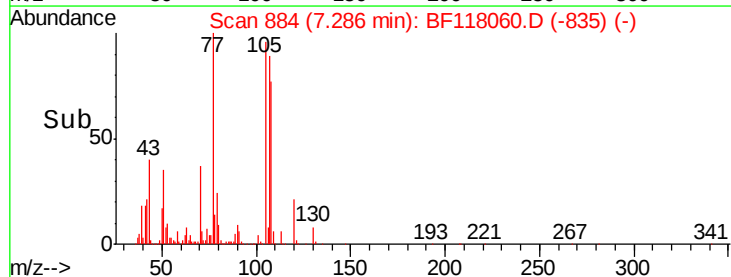
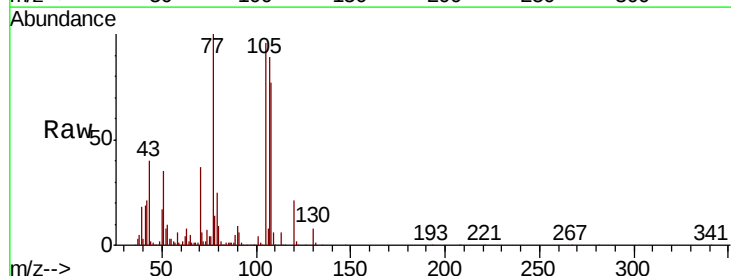
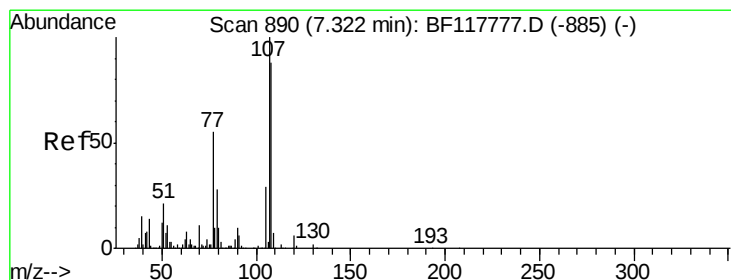
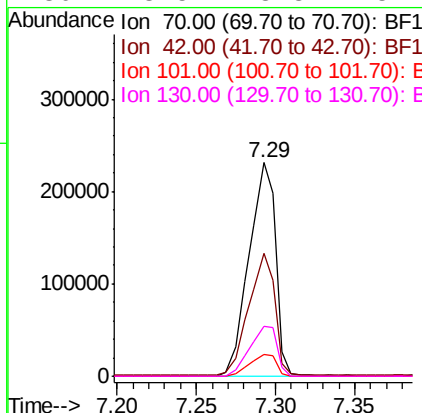
#19
n-Nitroso-di-n-propylamine
Concen: 47.698 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

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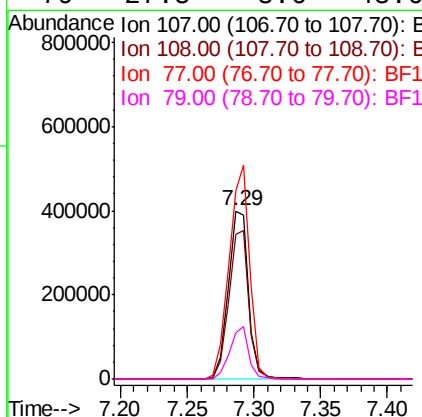
mohammad
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Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.4	71.2
101	10.1	8.4	12.6
130	23.5	18.8	28.2



#20
3+4-Methylphenols
Concen: 49.008 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.4	108.4
77	111.9	35.2	75.2#
79	27.5	8.6	48.6





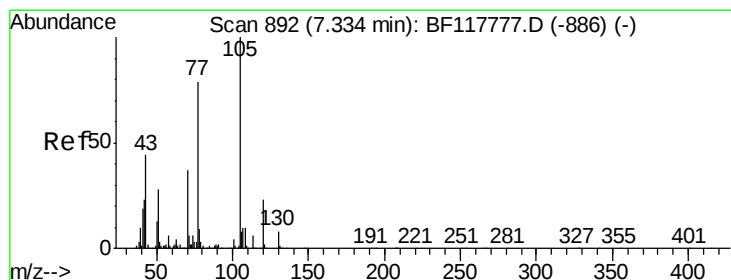
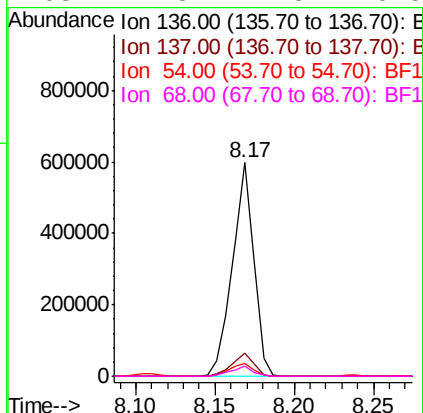
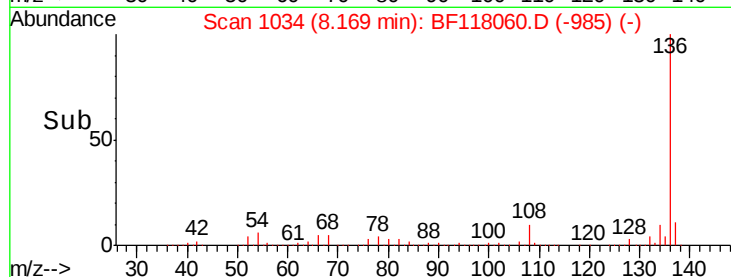
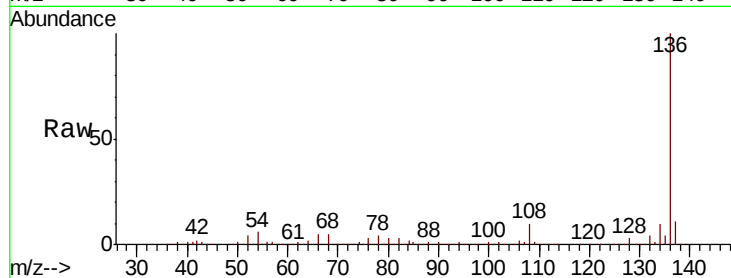
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	560576		
137	10.9		9.0	13.4
54	6.3		5.4	8.2
68	4.8		4.3	6.5

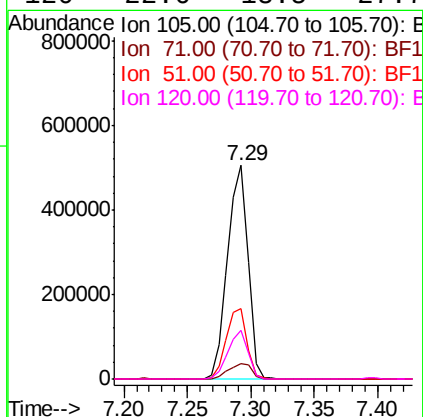
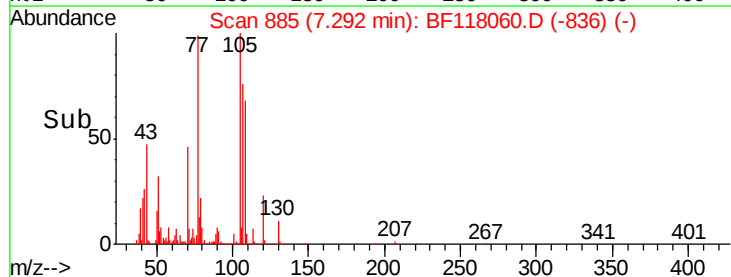
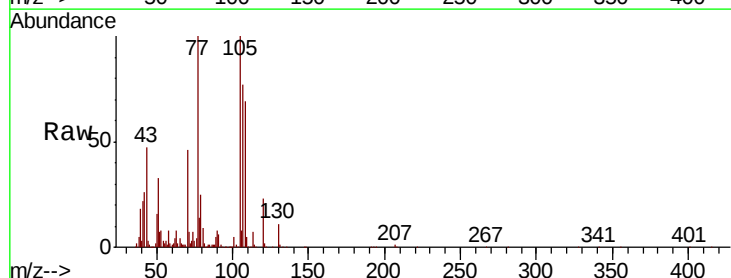
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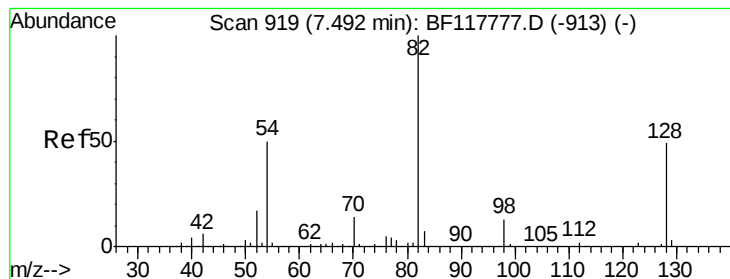
mohammad
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#22
Acetophenone
Concen: 44.639 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562200		
71	7.5		4.9	7.3#
51	32.8		22.7	34.1
120	22.6		18.5	27.7





#23

Nitrobenzene-d5

Concen: 66.834 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

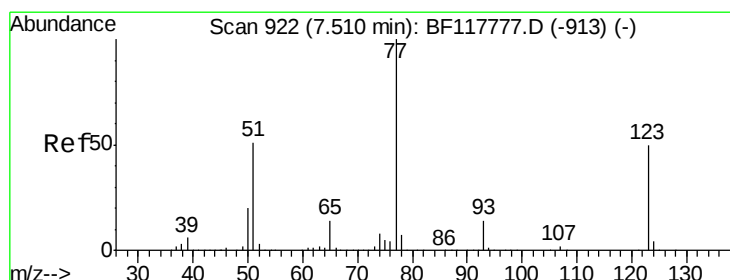
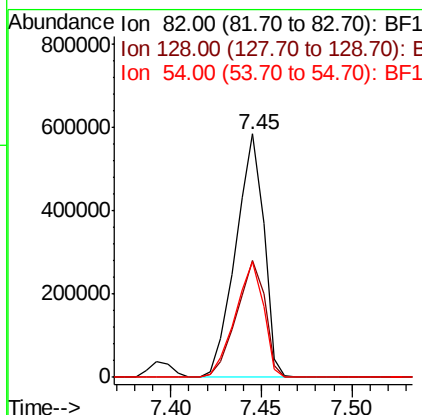
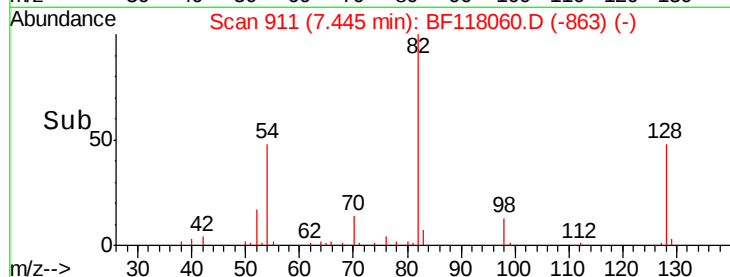
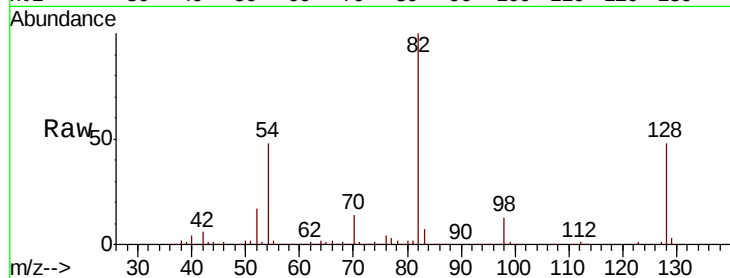
ClientSampleId :

PB125174BS

Tot Ion:	82	Resp:	630248
Ion Ratio	Lower	Upper	
82	100		
128	48.0	38.9	58.3
54	47.7	39.8	59.6

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#24

Nitrobenzene

Concen: 43.548 ng

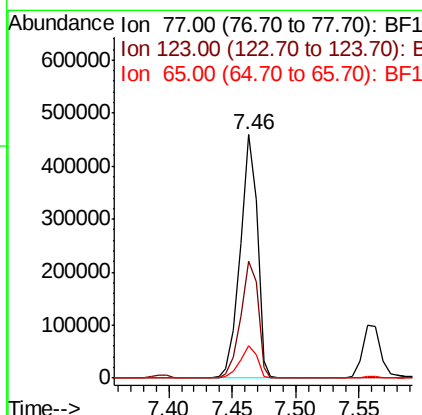
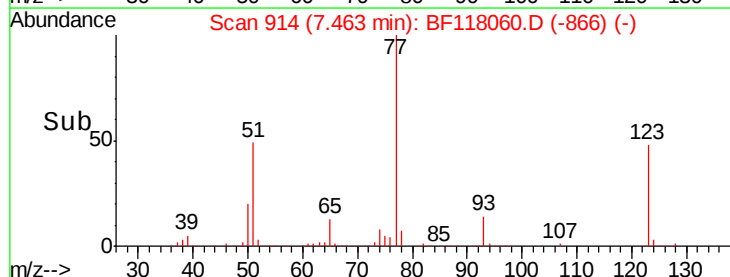
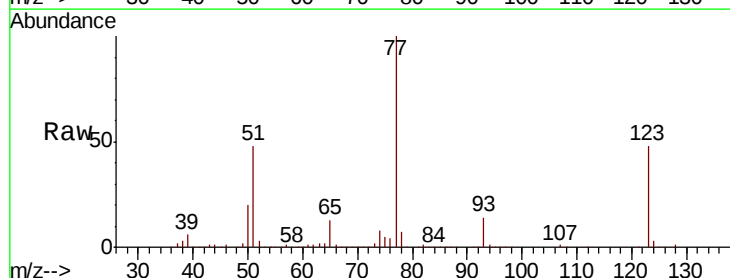
RT: 7.46 min Scan# 914

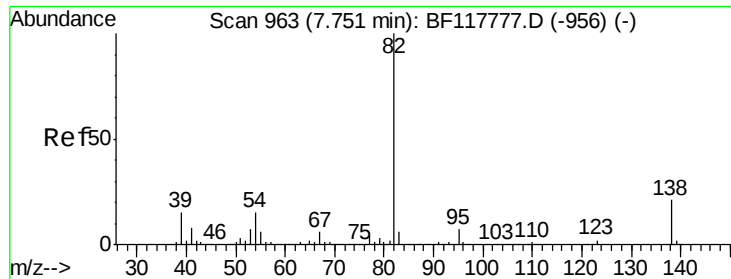
Delta R.T. -0.02 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	77	Resp:	423651
Ion Ratio	Lower	Upper	
77	100		
123	48.2	40.3	60.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 43.257 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

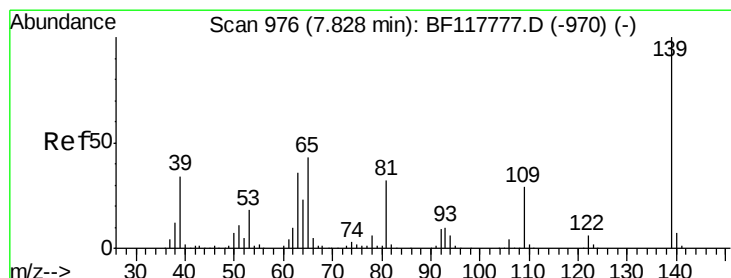
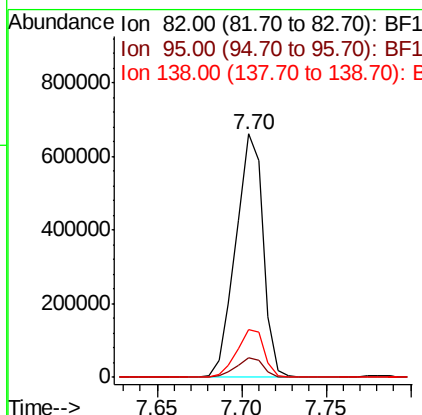
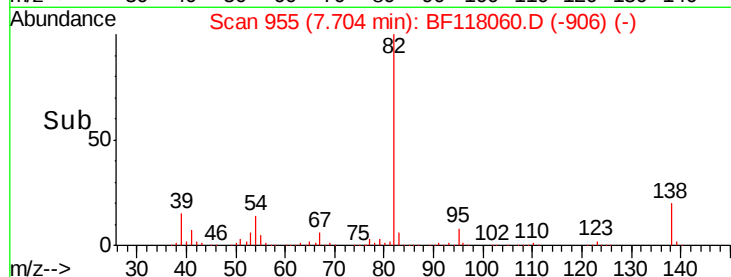
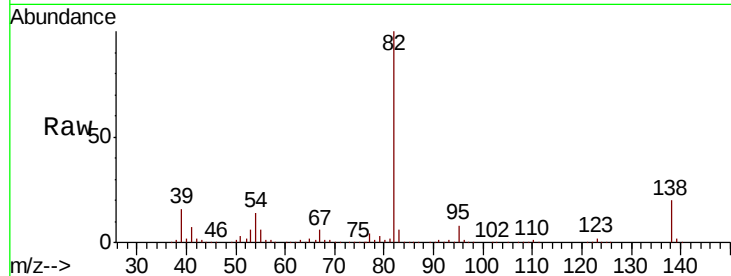
ClientSampleId :

PB125174BS

Tot Ion:	82	Resp:	747652
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.8	8.8
138	19.7	16.5	24.7

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#26

2-Nitrophenol

Concen: 49.096 ng

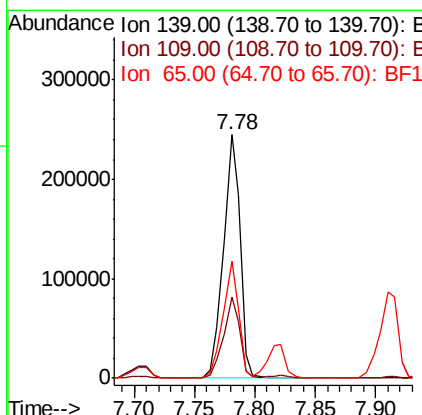
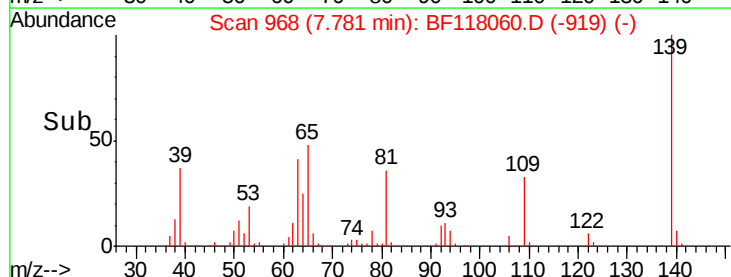
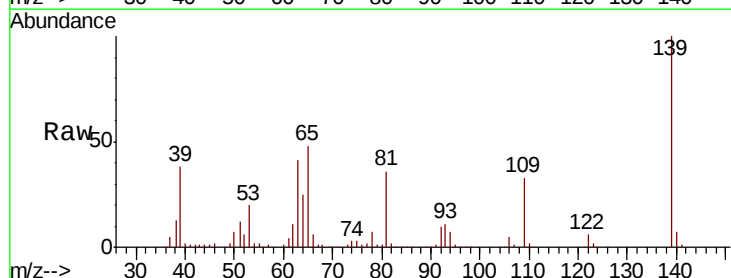
RT: 7.78 min Scan# 968

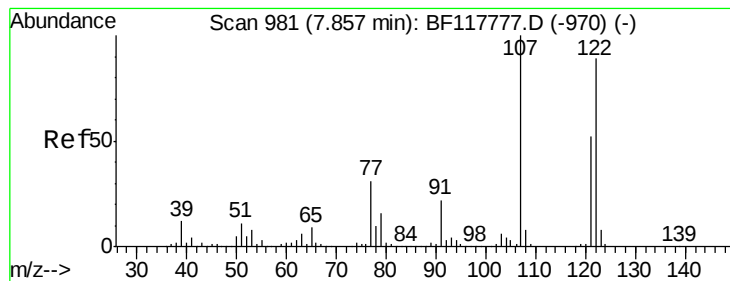
Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	139	Resp:	232473
Ion Ratio	Lower	Upper	
139	100		
109	33.1	23.0	34.4
65	48.1	34.7	52.1





#27

2,4-Dimethylphenol

Concen: 48.905 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

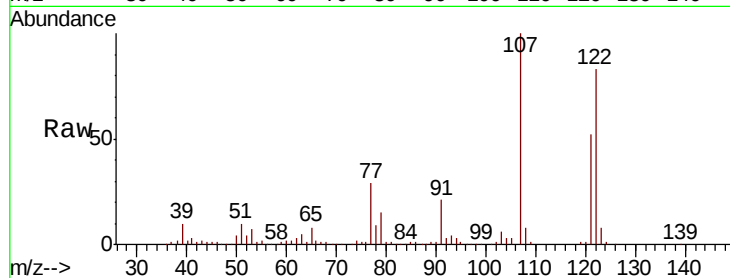
ClientSampleId :

PB125174BS

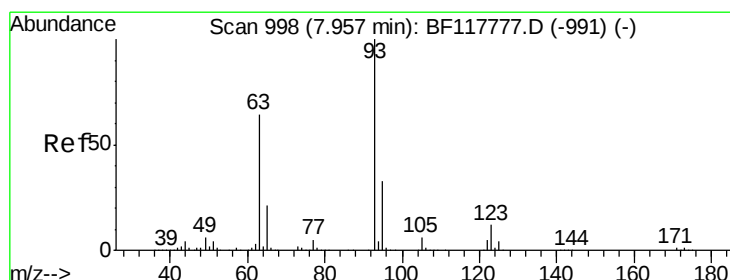
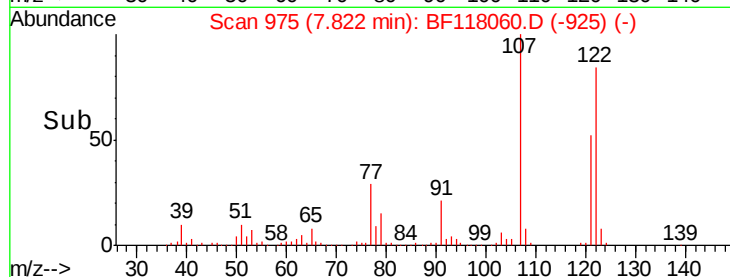
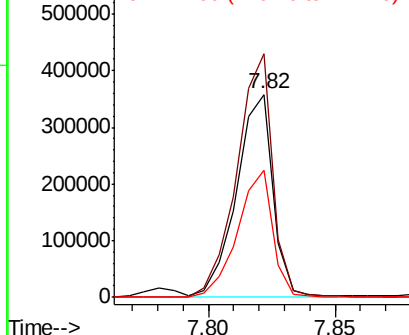
Tot Ion:	122	Resp:	359827
Ion Ratio	Lower	Upper	
122	100		
107	119.8	90.0	135.0
121	62.4	46.7	70.1

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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: 41.923 ng

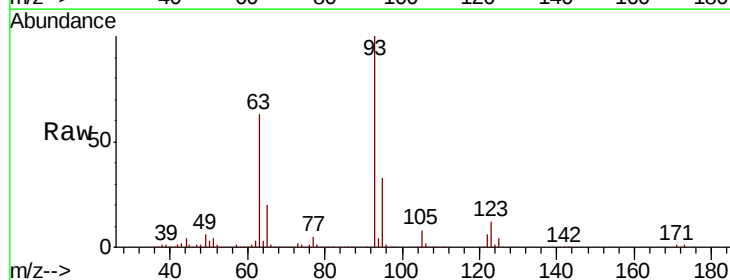
RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

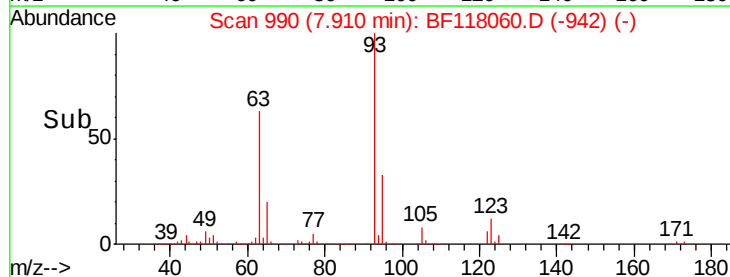
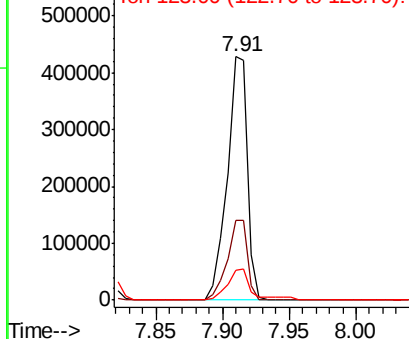
Lab File: BF118060.D

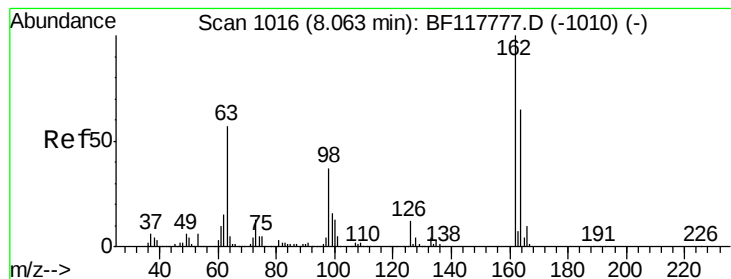
Acq: 3 Dec 2019 14:10

Tgt Ion:	93	Resp:	459802
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	40.0
123	12.1	10.3	15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.368 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

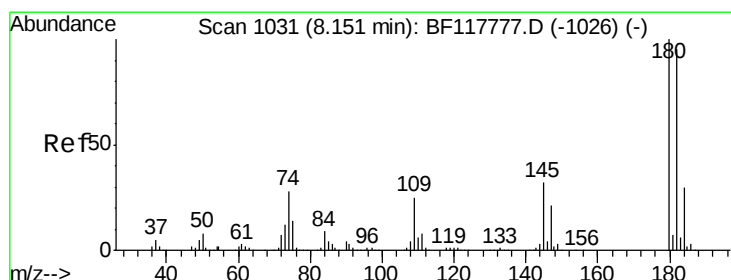
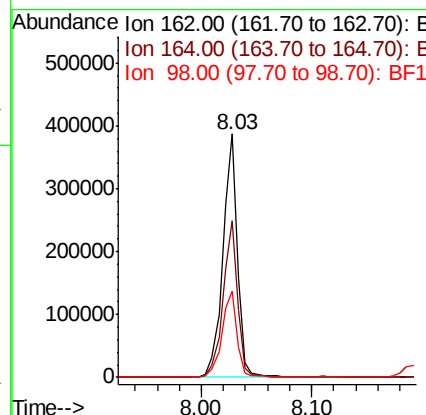
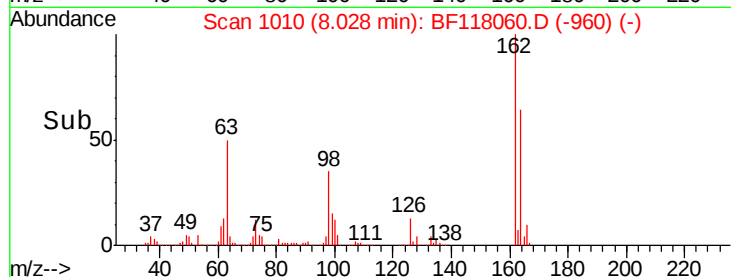
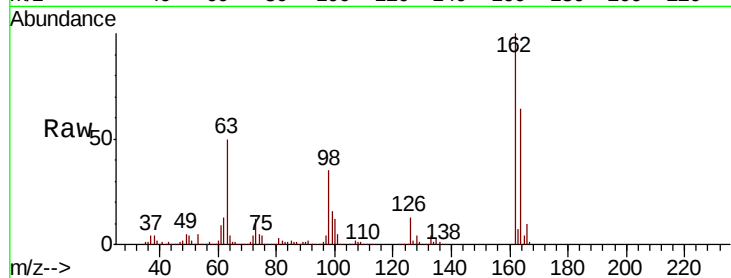
ClientSampleID :

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Tot Ion:	162	Resp:	354101
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.1	85.1
98	35.3	17.2	57.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.480 ng

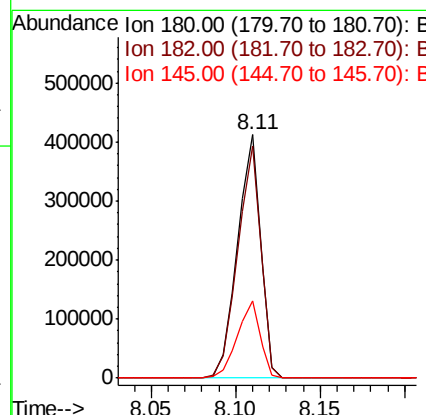
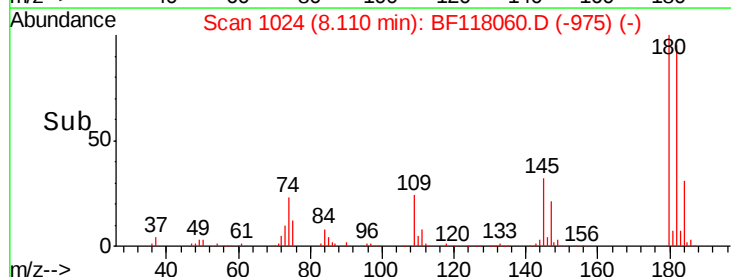
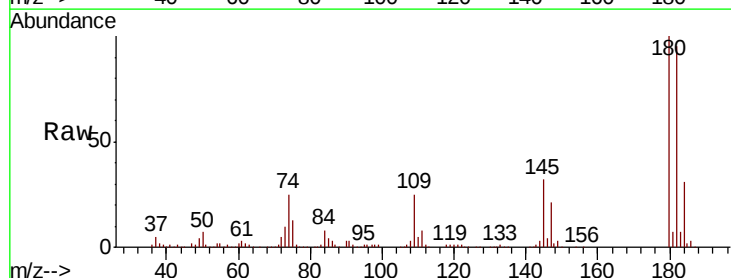
RT: 8.11 min Scan# 1024

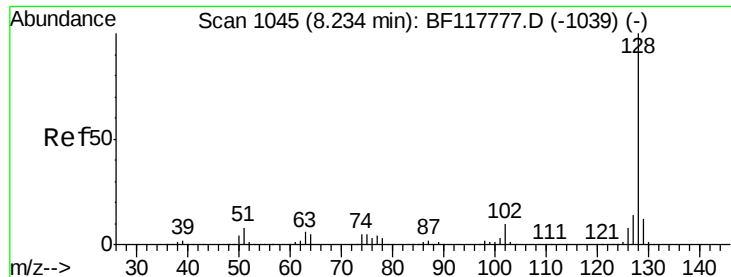
Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	180	Resp:	393259
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	31.8	25.5	38.3





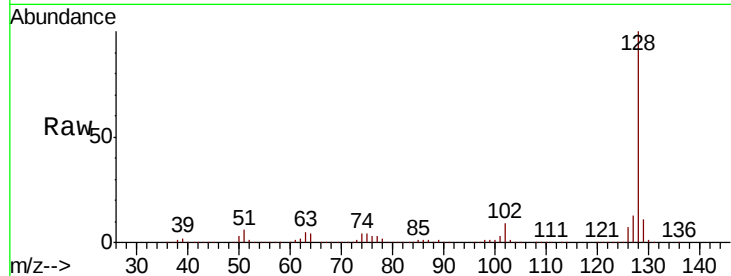
#31
Naphthalene
Concen: 47.255 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

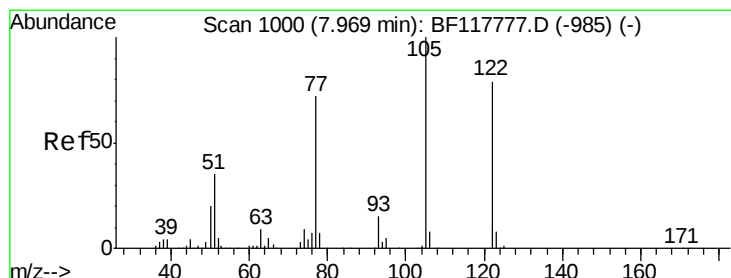
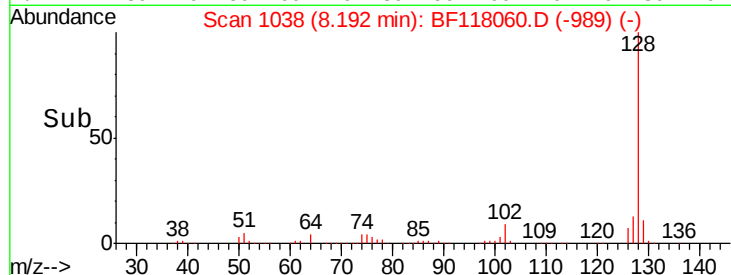
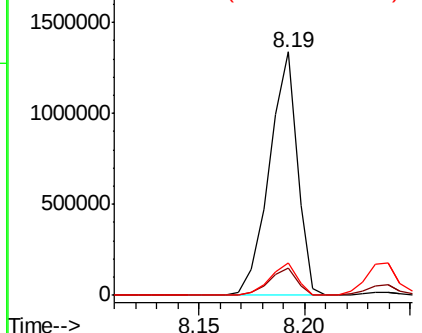
Tot Ion:128 Resp: 1234938
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.3 11.3 16.9

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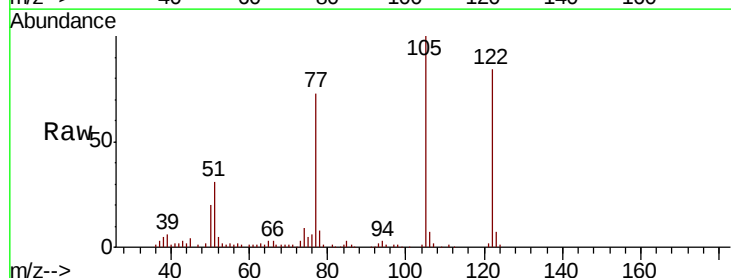


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

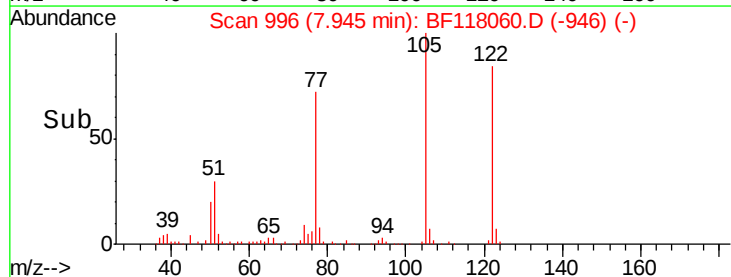
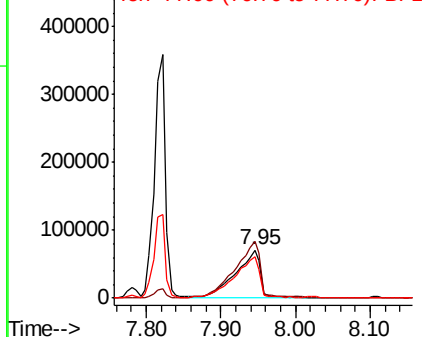


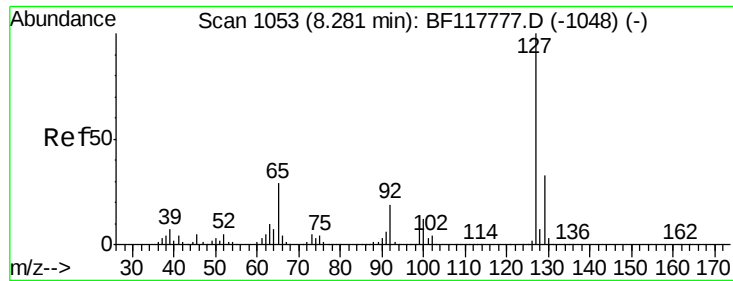
#32
Benzoic acid
Concen: 26.681 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion:122 Resp: 164372
Ion Ratio Lower Upper
122 100
105 119.0 102.7 142.7
77 86.3 70.5 110.5



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





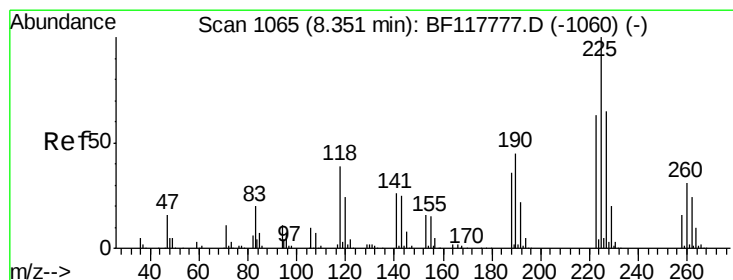
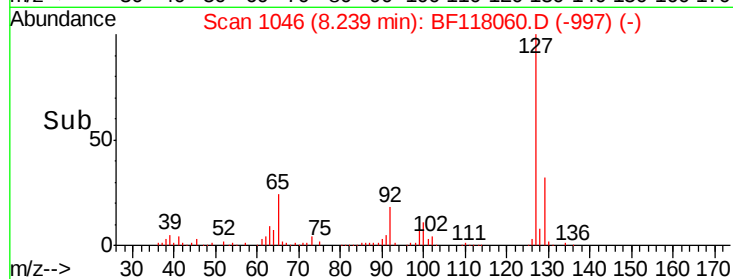
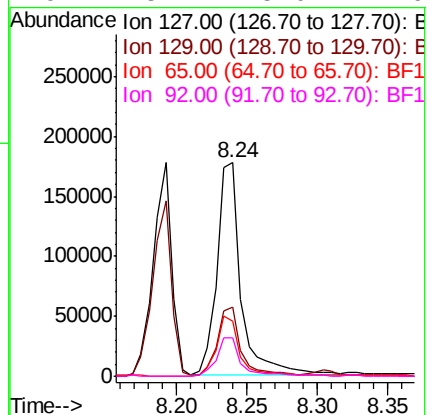
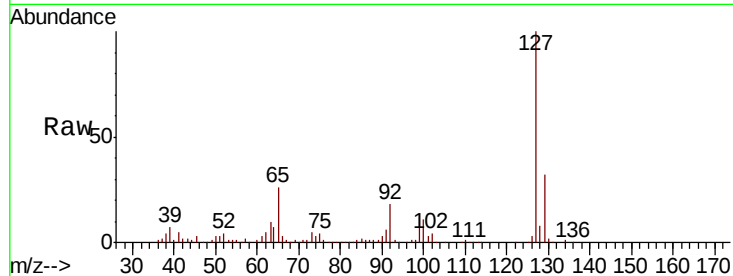
#33
4-Chloroaniline
Concen: 18.001 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleID :
PB125174BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.5	39.7		
65	25.6	22.9	34.3		
92	18.2	15.0	22.6		

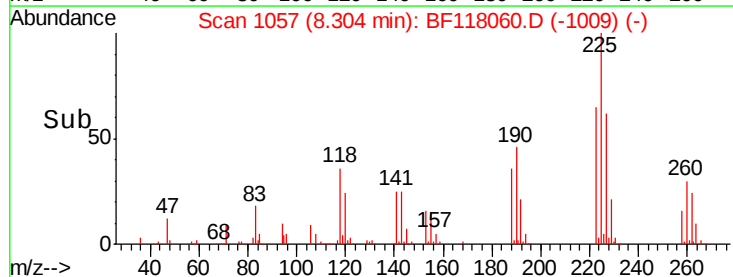
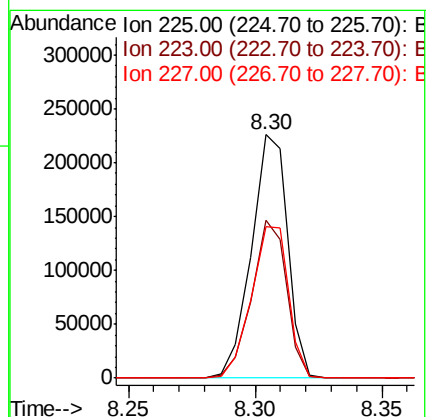
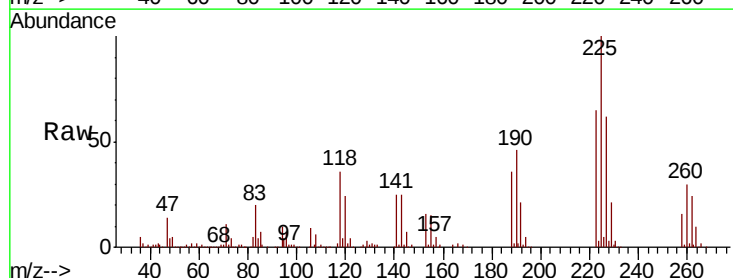
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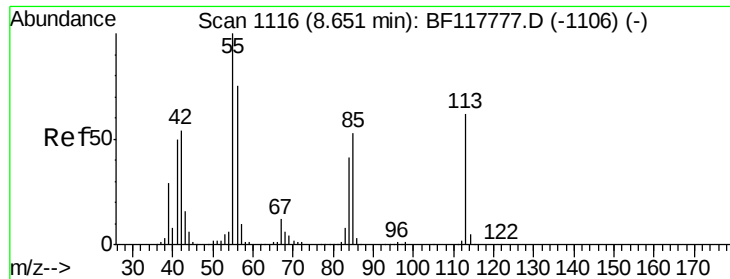
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#34
Hexachlorobutadiene
Concen: 41.633 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	50.0	75.0		
227	62.5	51.8	77.6		





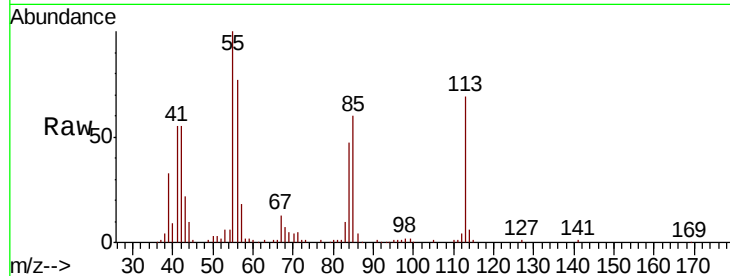
#35
 Caprolactam
 Concen: 43.436 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.4	141.1	181.1
56	112.7	100.5	140.5

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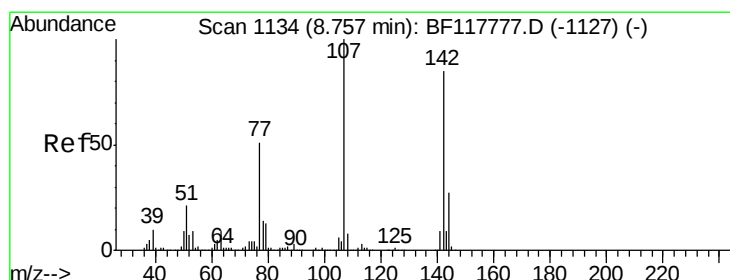
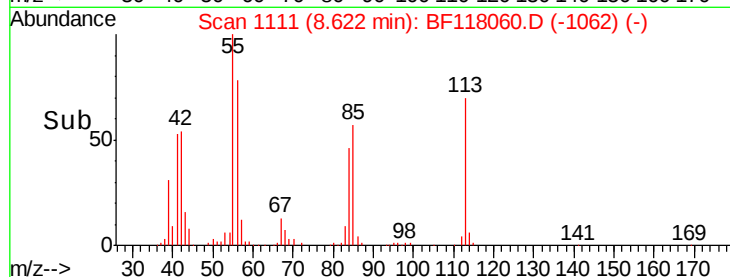
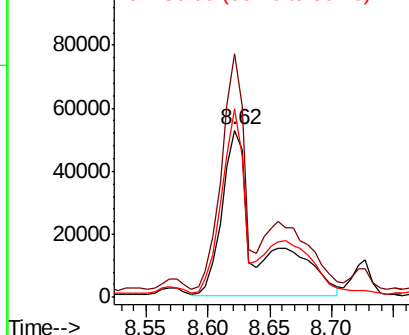


Abundance

Ion 113.00 (112.70 to 113.70): E

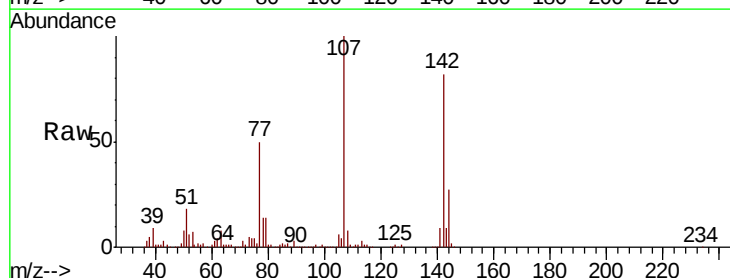
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 46.394 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.9	32.9
142	82.0	67.7	101.5

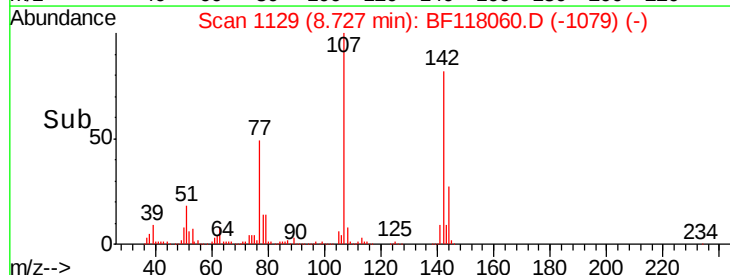
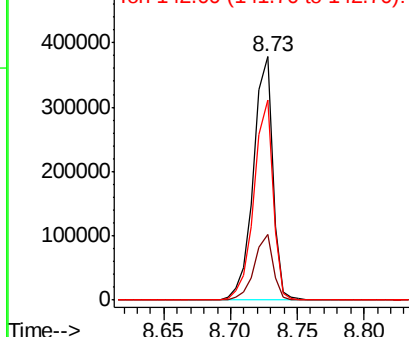


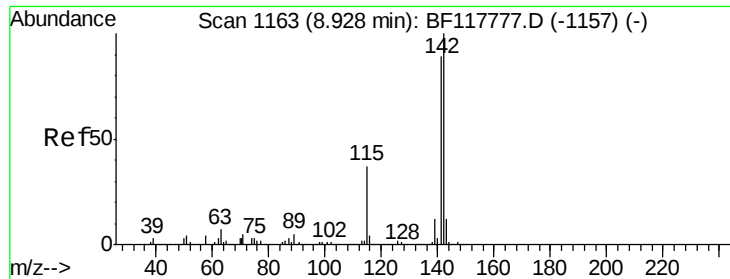
Abundance

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





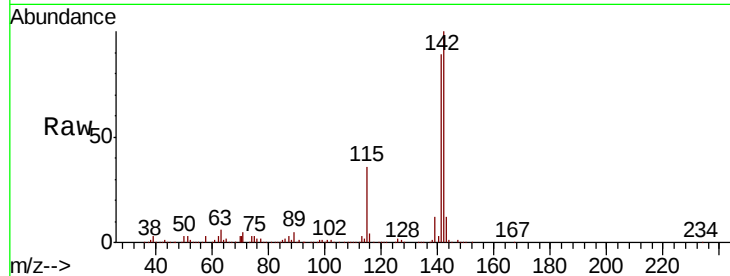
#37
2-Methylnaphthalene
Concen: 46.876 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

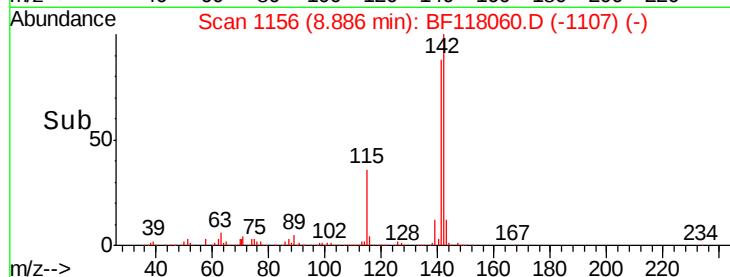
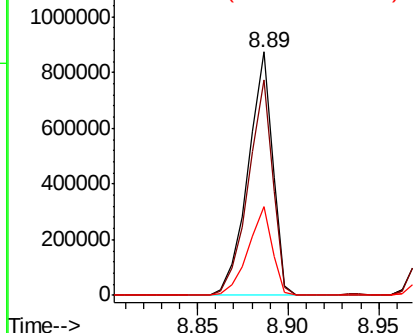
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	36.3	29.2	43.8

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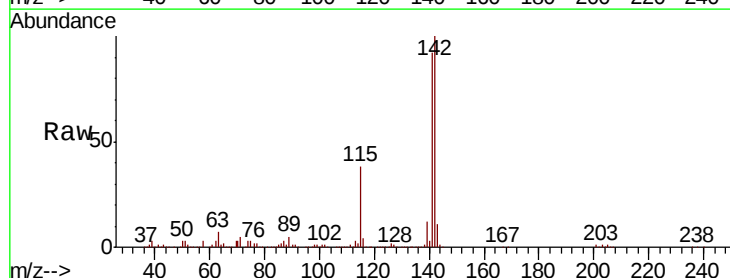
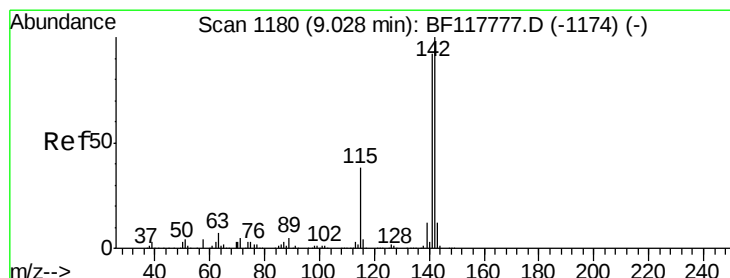
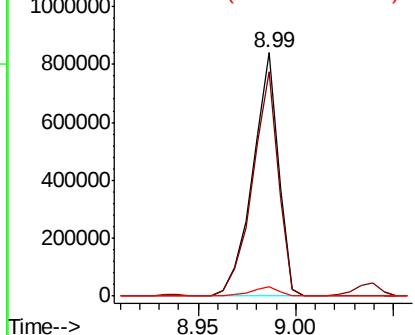
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

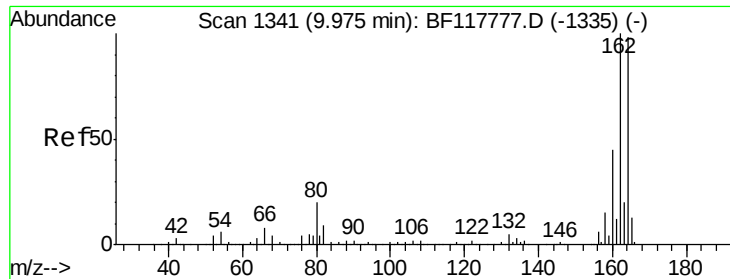


#38
1-Methylnaphthalene
Concen: 45.920 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	3.9	3.2	4.8

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





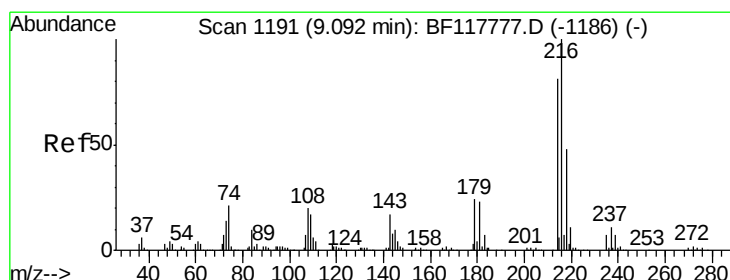
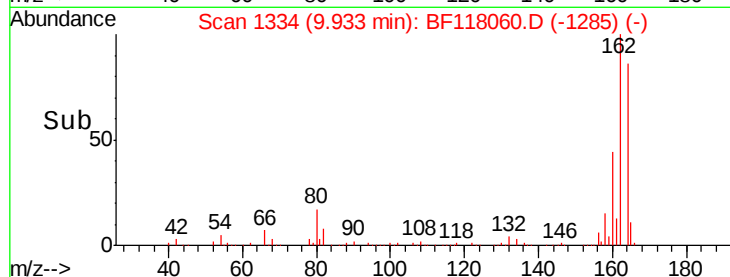
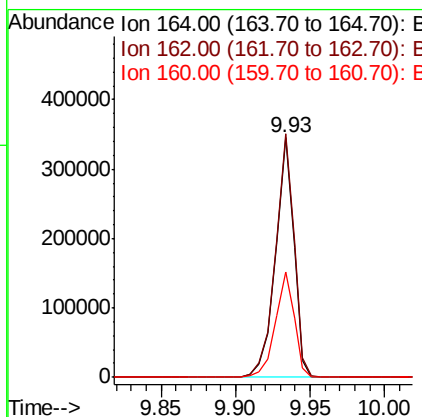
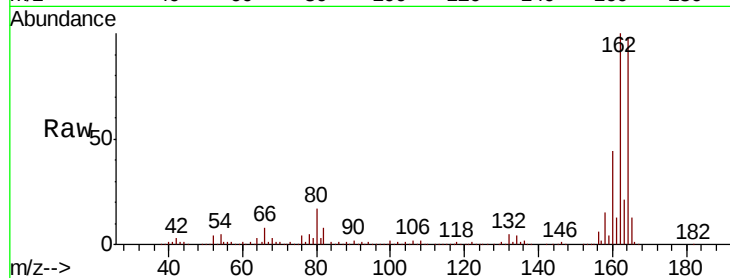
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.3	36.6	55.0

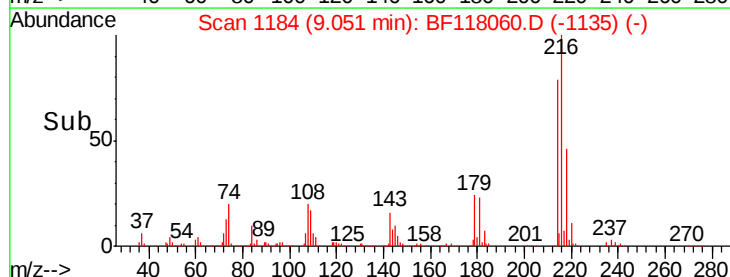
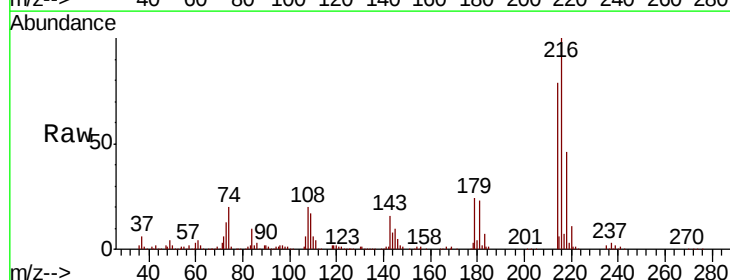
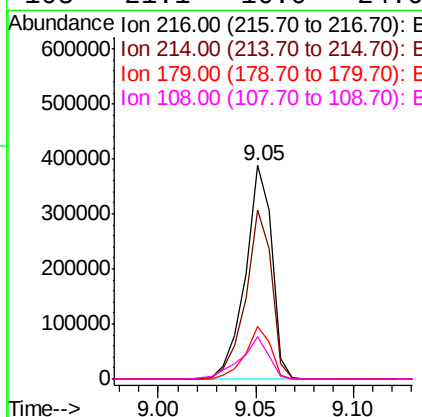
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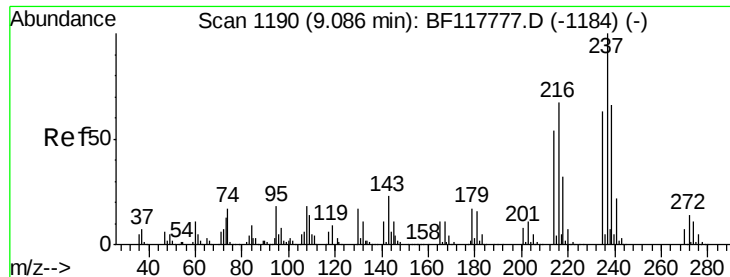
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.277 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.0
179	23.4	18.2	27.4
108	21.1	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 64.153 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

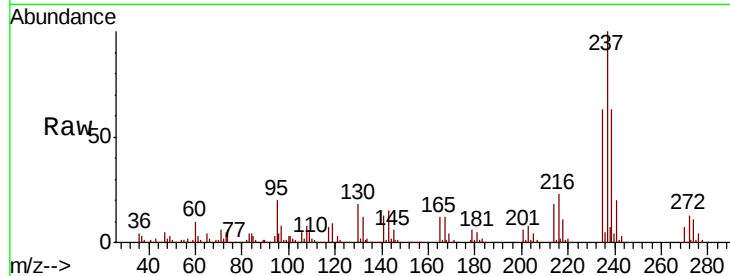
ClientSampleId :

PB125174BS

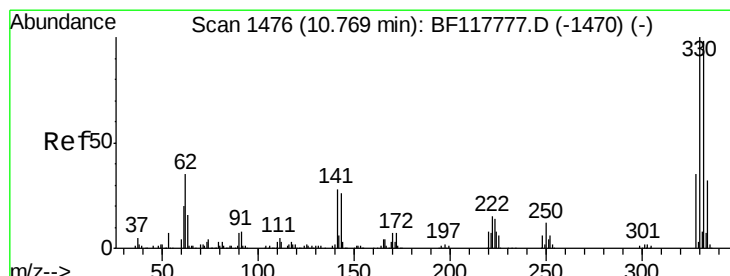
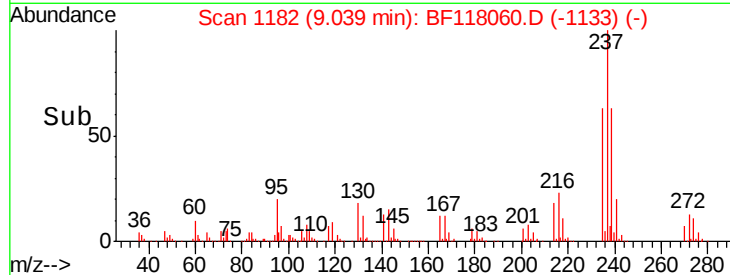
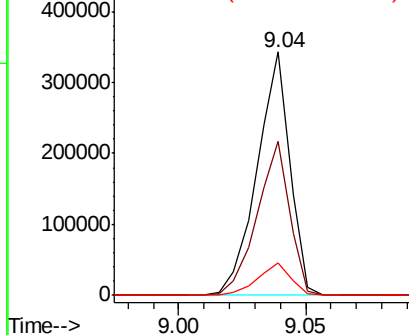
Tot Ion:	237	Resp:	310236
Ion Ratio		Lower	Upper
237	100		
235	63.4	42.6	82.6
272	13.3	0.0	34.3

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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: 134.126 ng

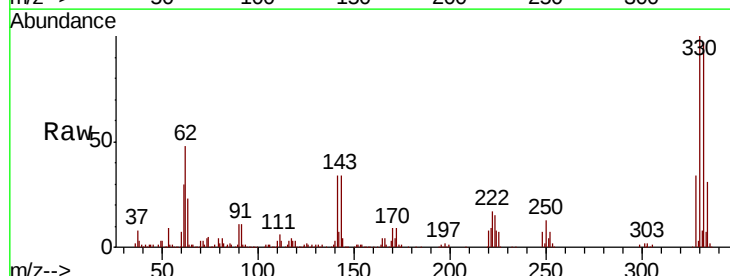
RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

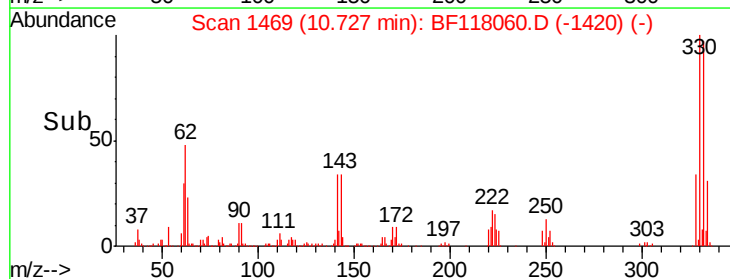
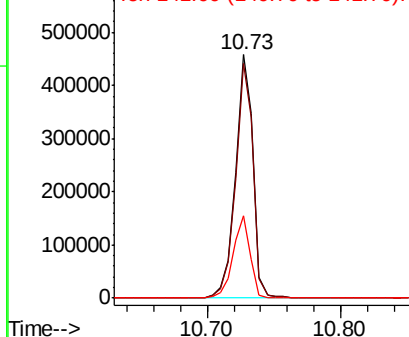
Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	330	Resp:	421935
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.7	115.1
141	33.3	27.7	41.5



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





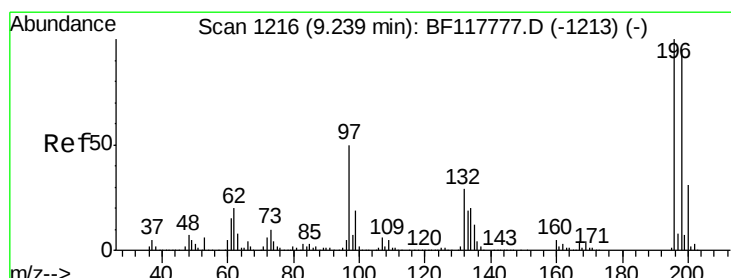
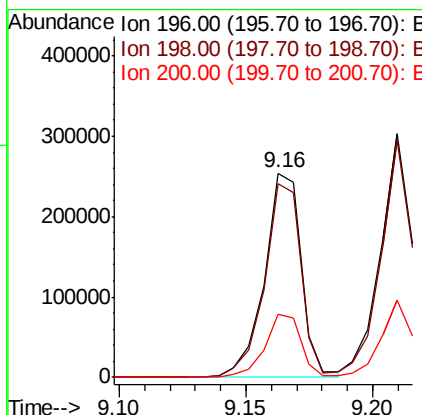
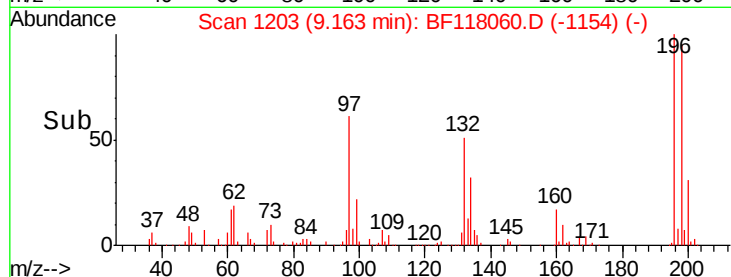
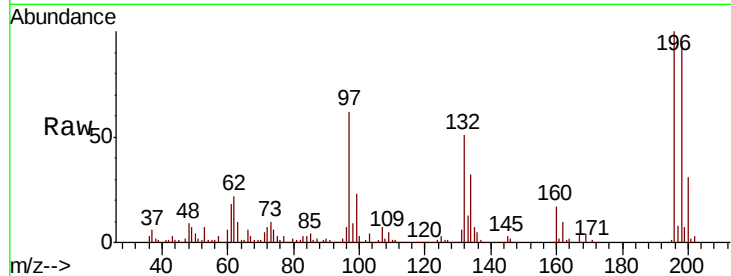
#43
 2,4,6-Trichlorophenol
 Concen: 41.601 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleID :
 PB125174BS

Tot Ion:	196	Resp:	257127
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.8	116.6
200	30.7	25.4	38.0

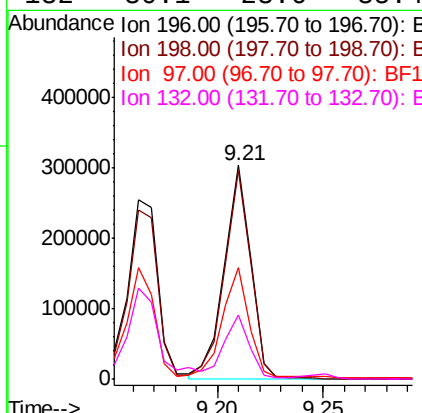
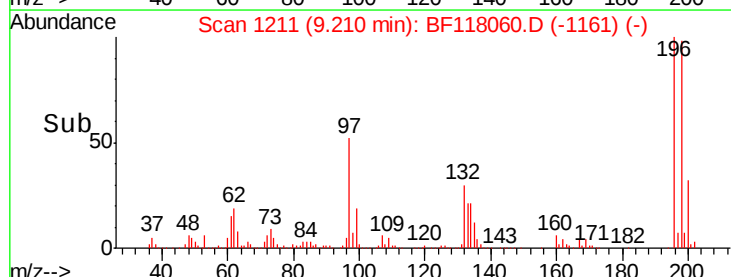
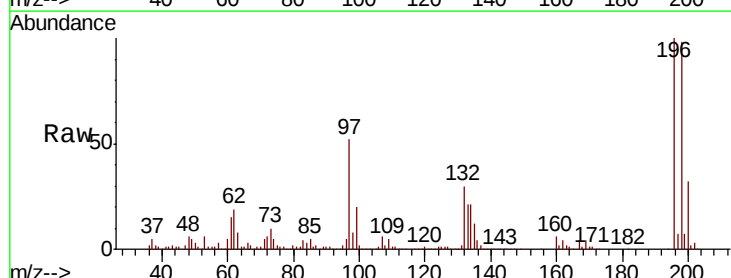
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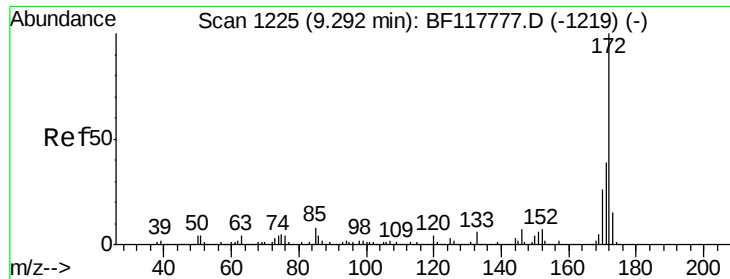
mohammad
 12/4/2019 5:01:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.997 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion:	196	Resp:	263094
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.3	114.5
97	52.0	40.0	60.0
132	30.1	23.6	35.4





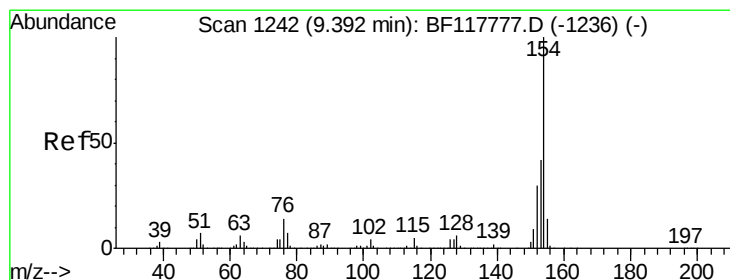
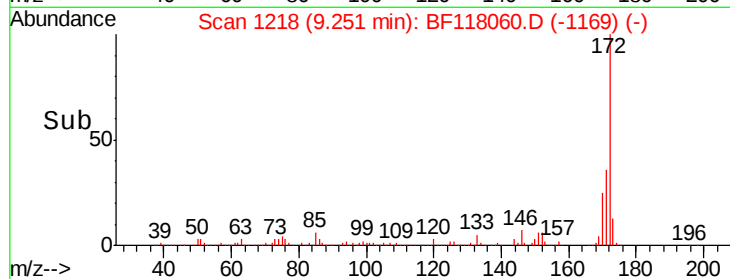
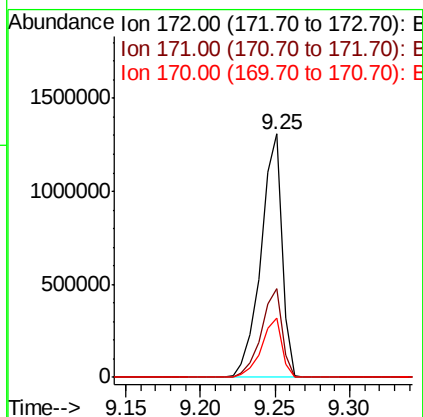
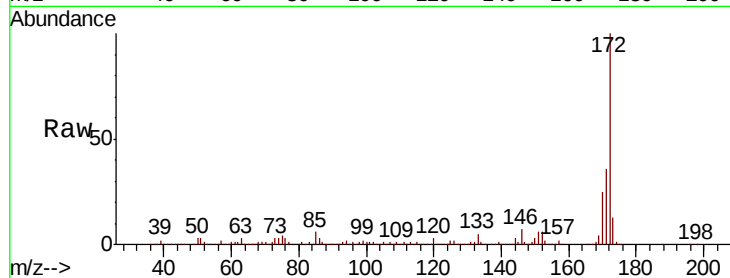
#45
2-Fluorobiphenyl
Concen: 76.431 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.9	46.3
170	24.6	21.0	31.4

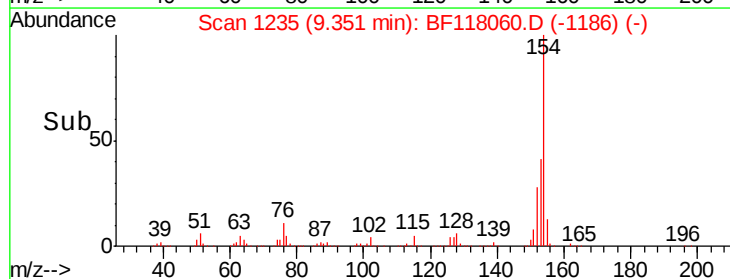
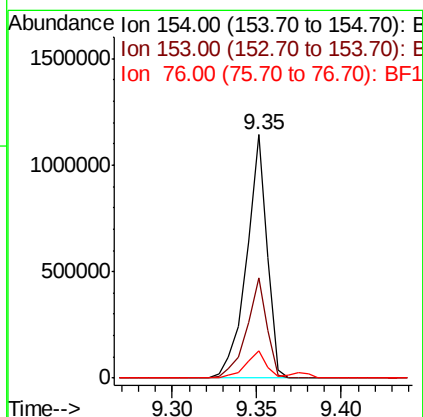
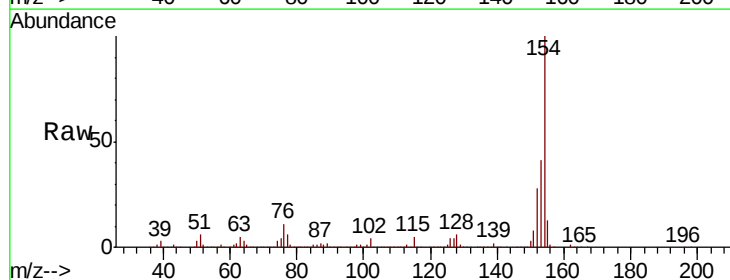
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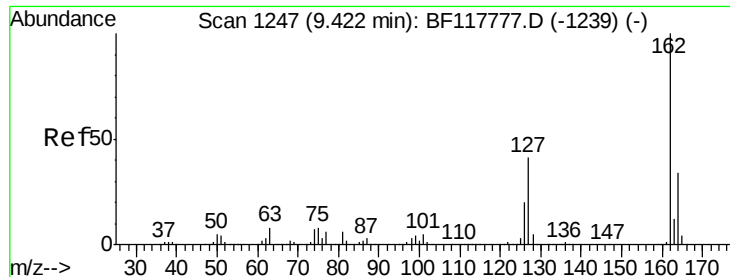
mohammad
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#46
1,1'-Biphenyl
Concen: 44.162 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	11.5	0.0	33.6





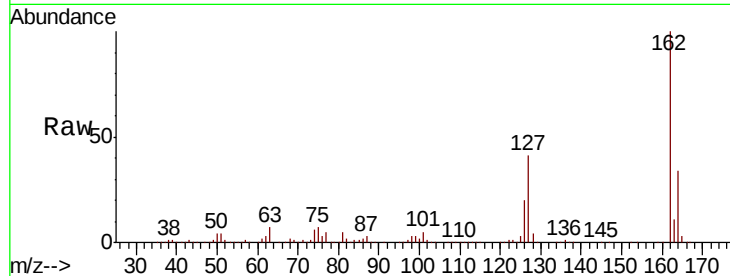
#47
2-Chloronaphthalene
Concen: 41.427 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

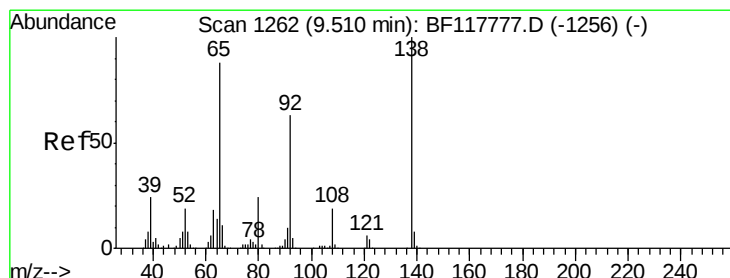
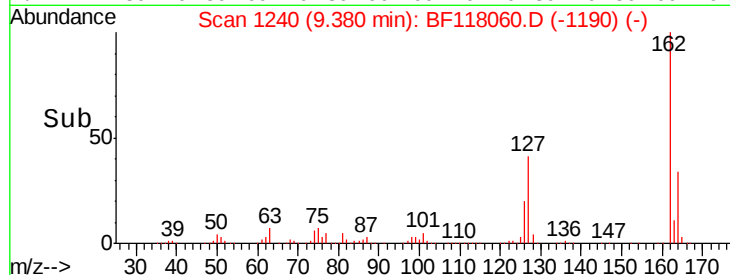
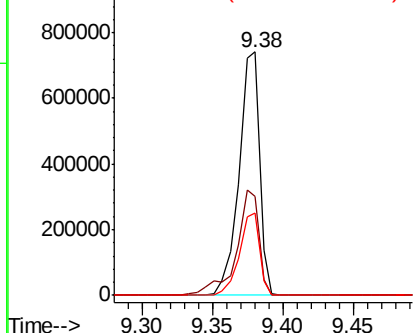
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.8	33.2	49.8
164	33.7	27.3	40.9

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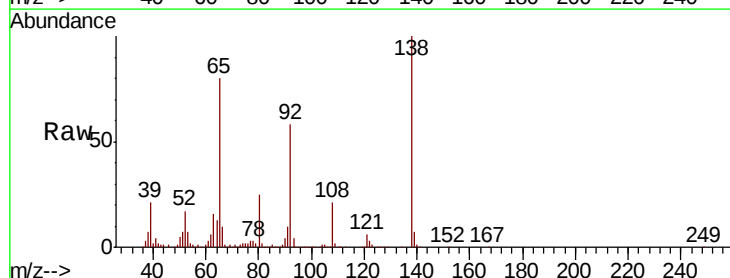


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

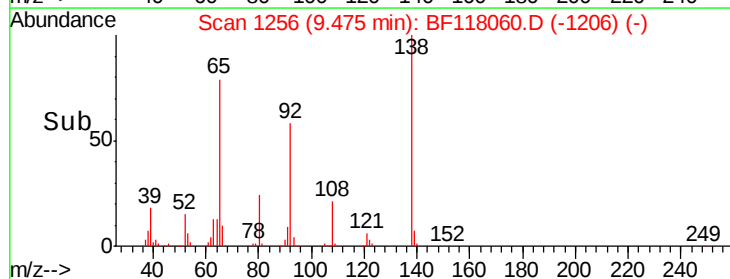
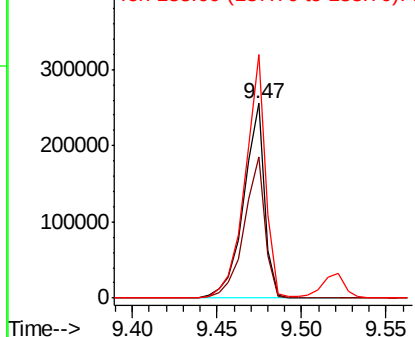


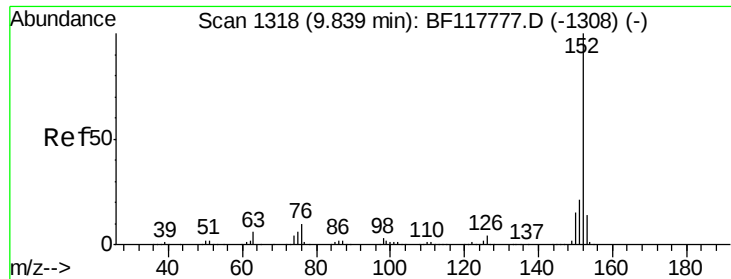
#48
2-Nitroaniline
Concen: 40.426 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.8	56.6	84.8
138	125.0	90.5	135.7



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





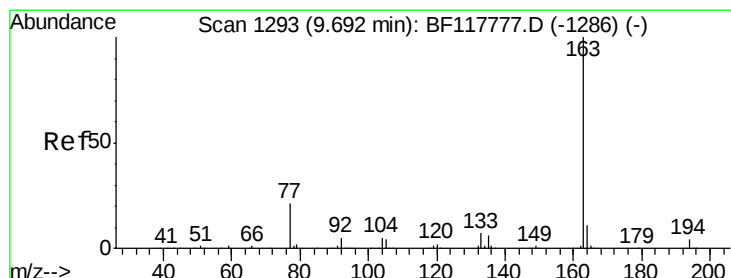
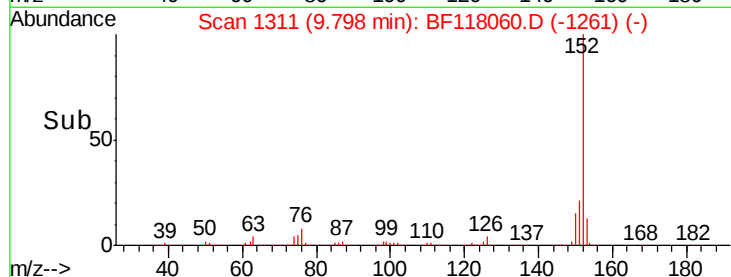
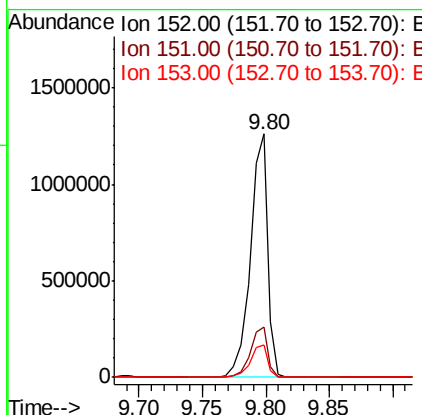
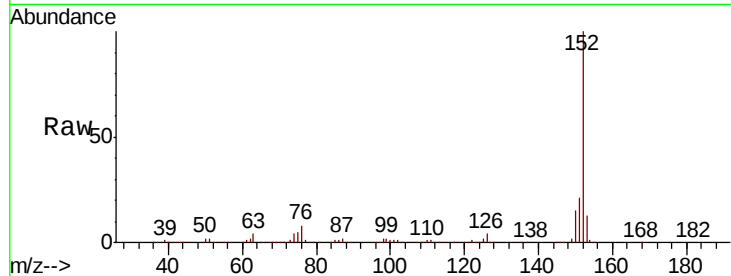
#49
Acenaphthylene
Concen: 45.258 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.9	17.0	25.6	
153	13.1	11.0	16.6	

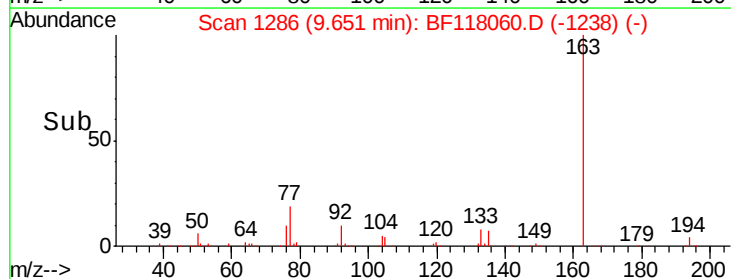
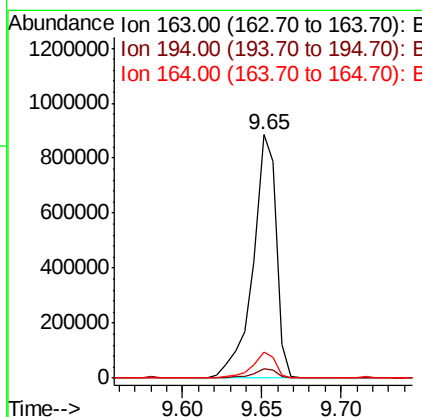
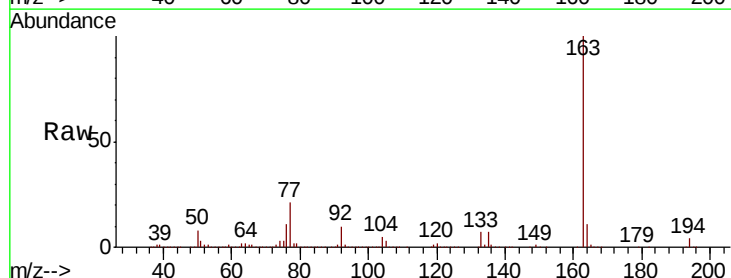
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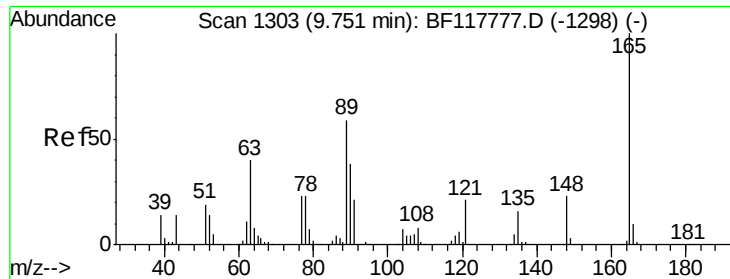
mohammad
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#50
Dimethylphthalate
Concen: 43.217 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.8	3.3	4.9	
164	10.5	8.7	13.1	





#51

2,6-Dinitrotoluene

Concen: 44.509 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

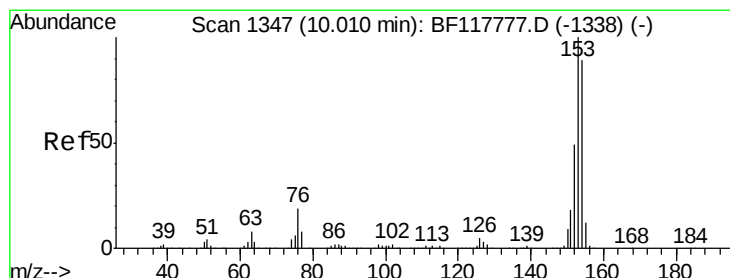
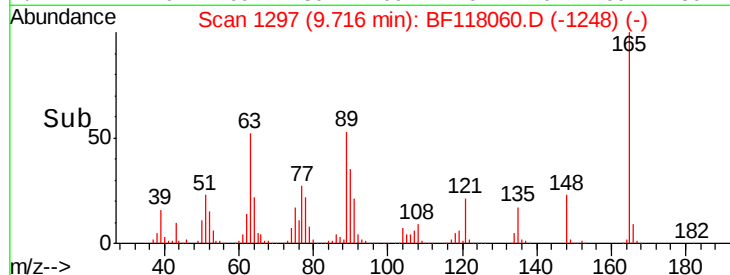
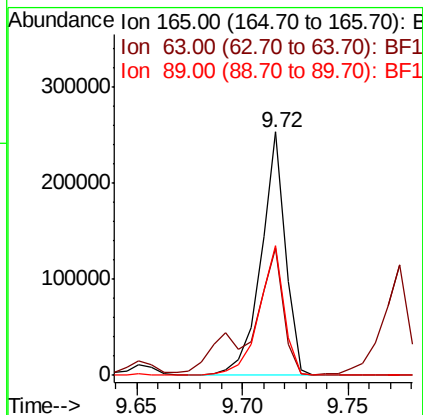
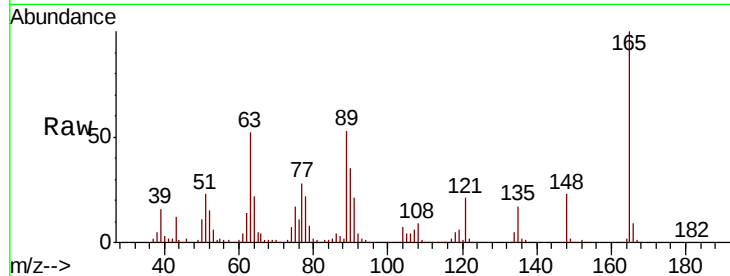
ClientSampleId :

PB125174BS

Tot Ion:	165	Resp:	202691
Ion Ratio	Lower	Upper	
165	100		
63	52.5	46.0	69.0
89	53.3	47.7	71.5

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#52

Acenaphthene

Concen: 41.640 ng

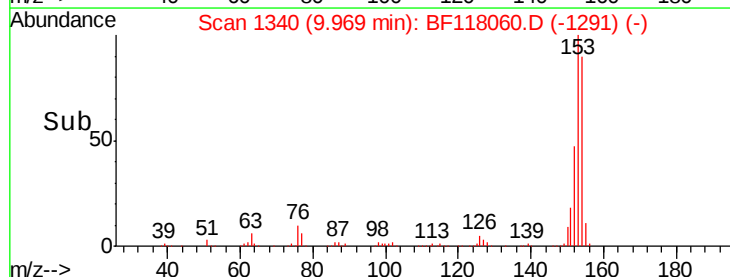
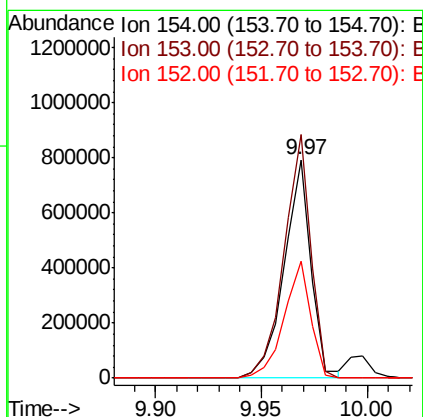
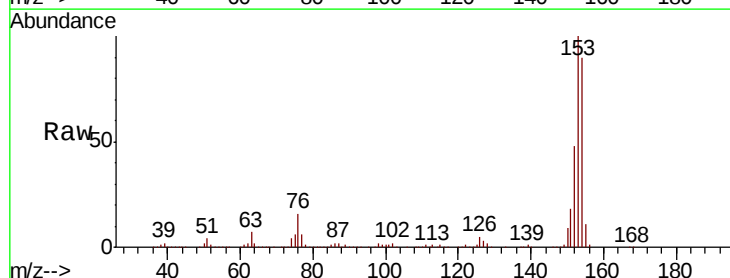
RT: 9.97 min Scan# 1340

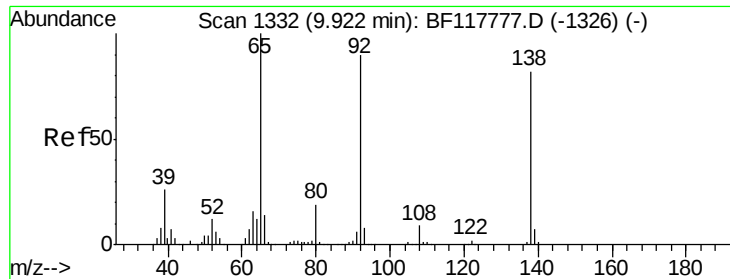
Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	154	Resp:	705300
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.1	135.1
152	53.3	44.0	66.0





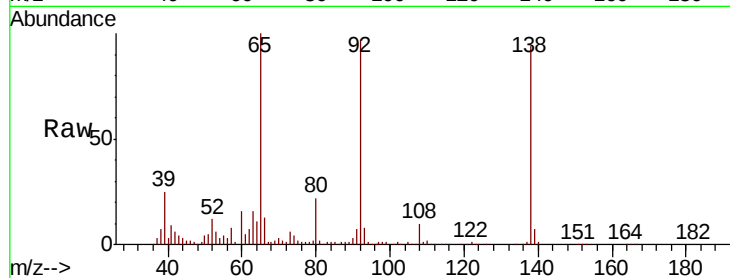
#53
3-Nitroaniline
Concen: 25.981 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	12.8
92	104.0	87.9	131.9

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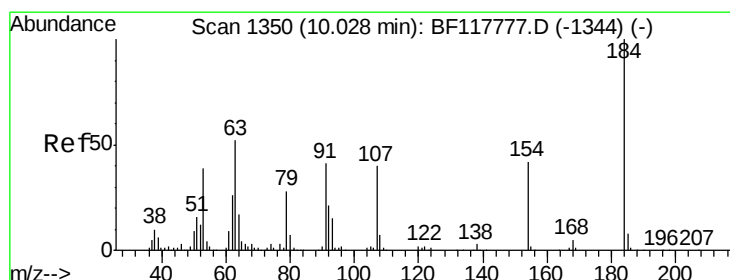
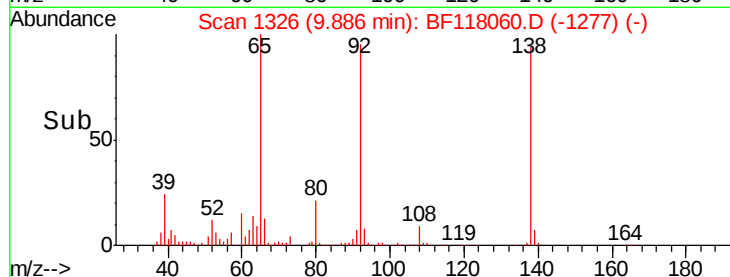
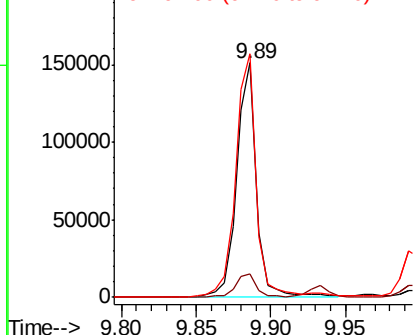


Abundance

Ion 138.00 (137.70 to 138.70): E

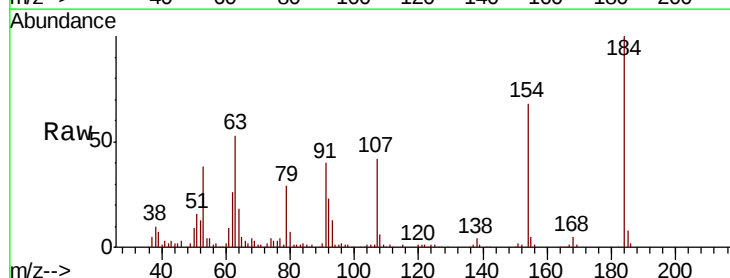
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 51.942 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	43.0	64.6
154	67.6	48.0	72.0

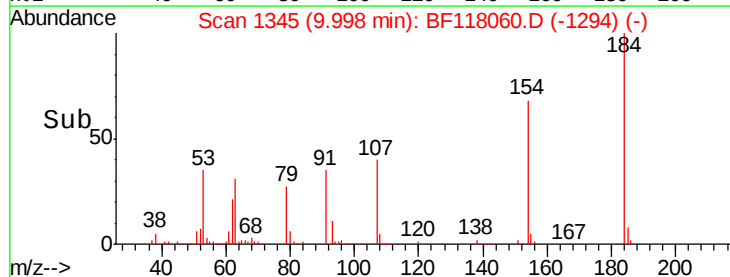
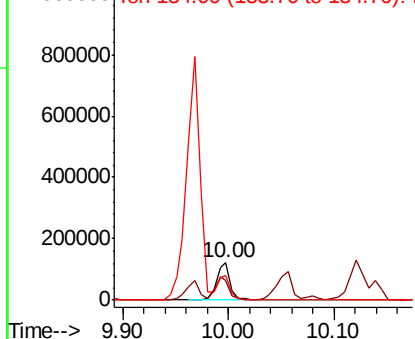


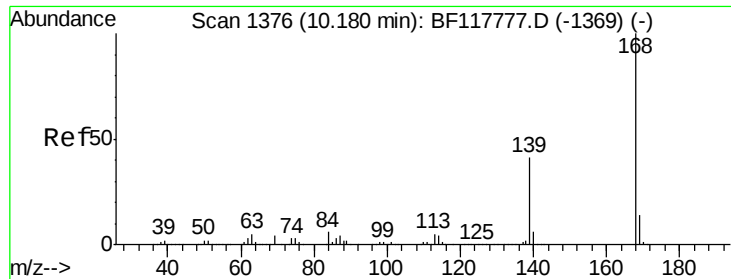
Abundance

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





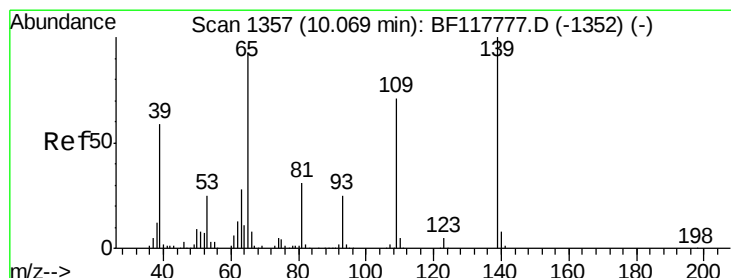
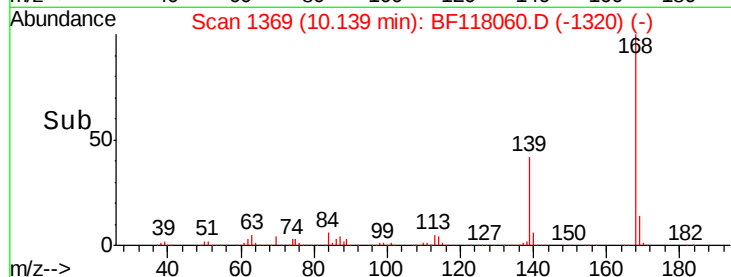
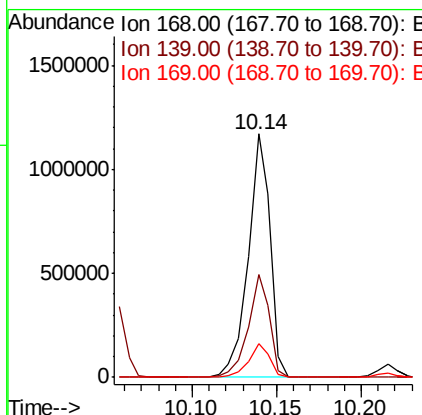
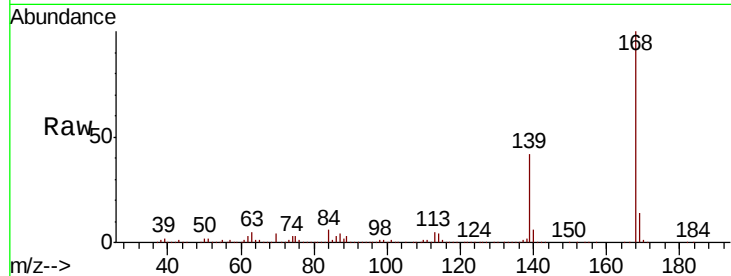
#55
Dibenzofuran
Concen: 45.244 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.0	49.6
169	13.9	11.5	17.3

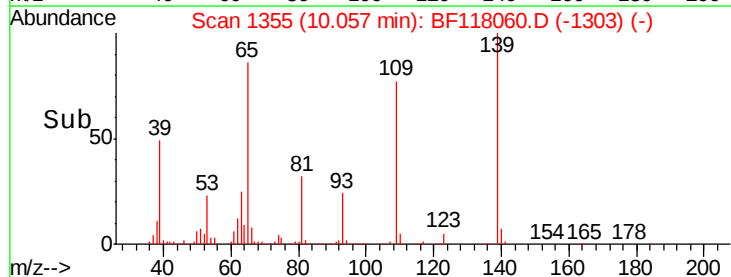
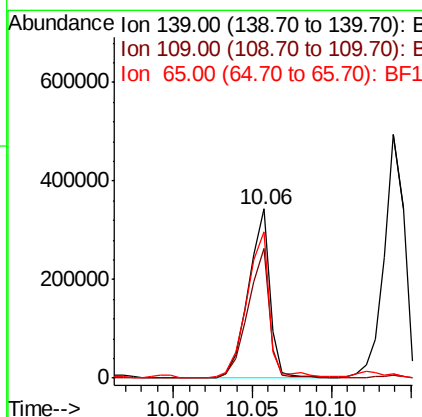
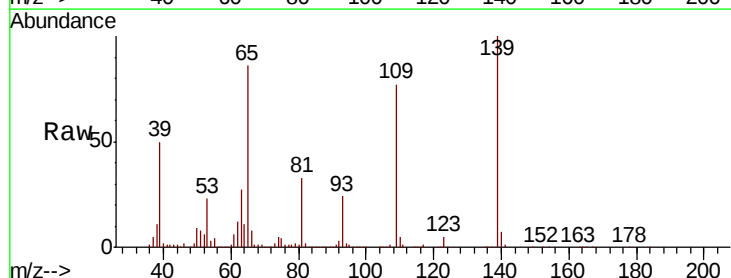
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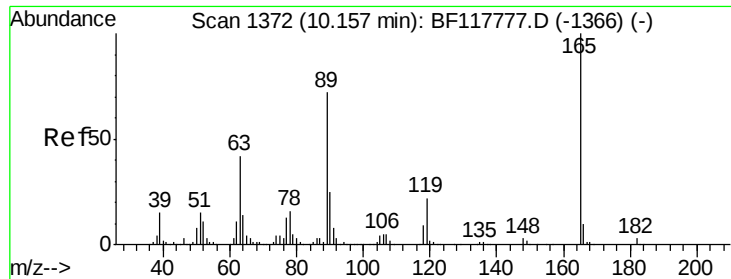
mohammad
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#56
4-Nitrophenol
Concen: 79.530 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	50.8	90.8
65	86.5	73.6	113.6





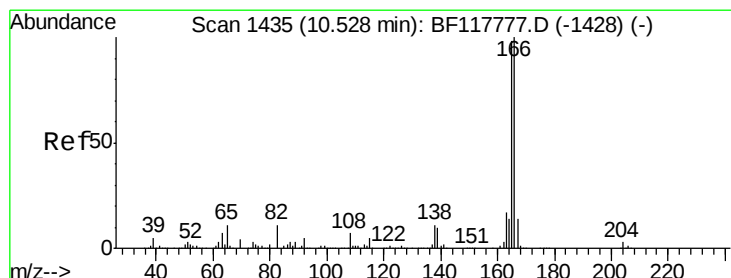
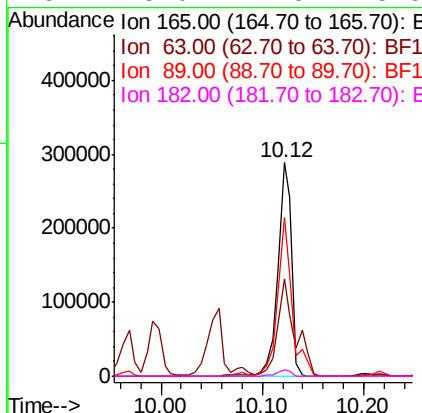
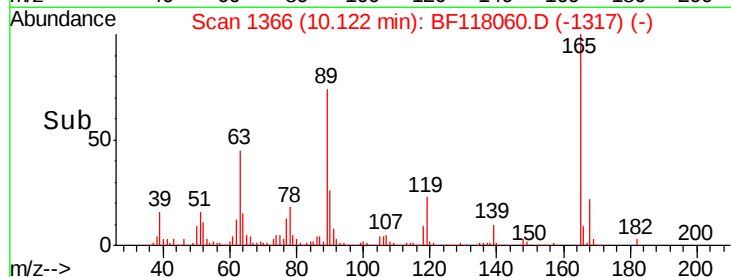
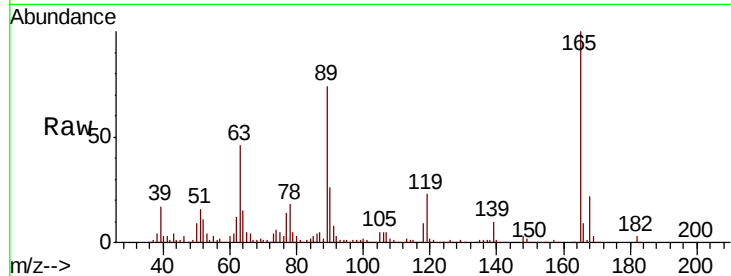
#57
2,4-Dinitrotoluene
Concen: 47.544 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		275419		
63	45.7	33.7	50.5		
89	74.4	57.3	85.9		
182	3.0	2.3	3.5		

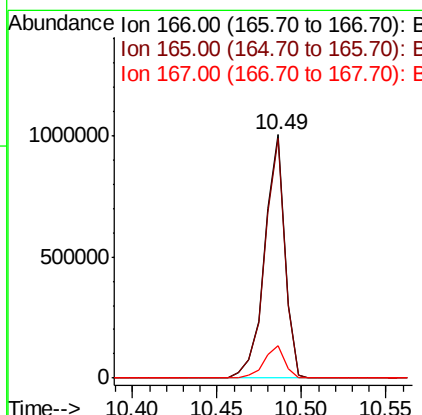
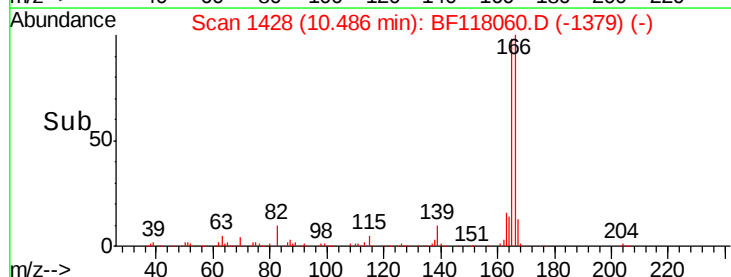
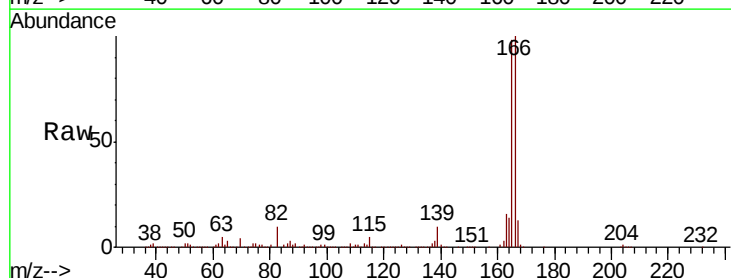
Manual Integrations
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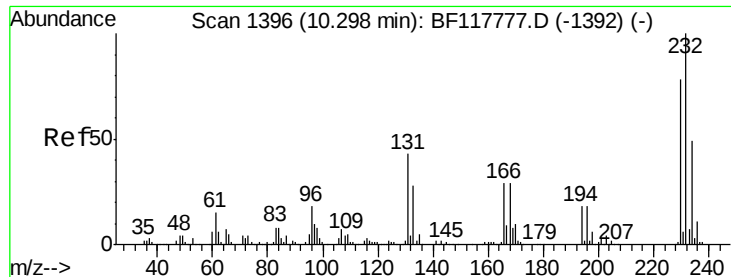
mohammad
12/4/2019 5:01:23 PM



#58
Fluorene
Concen: 45.871 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		833740		
165	98.4	78.4	117.6		
167	13.3	11.0	16.4		





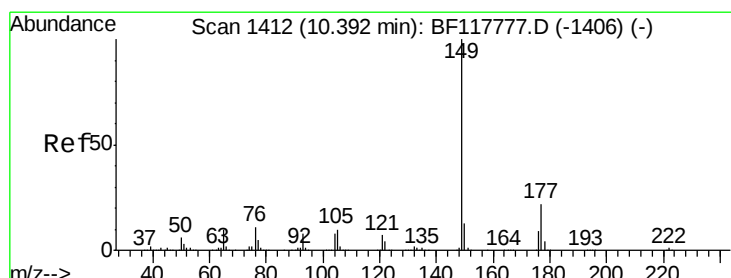
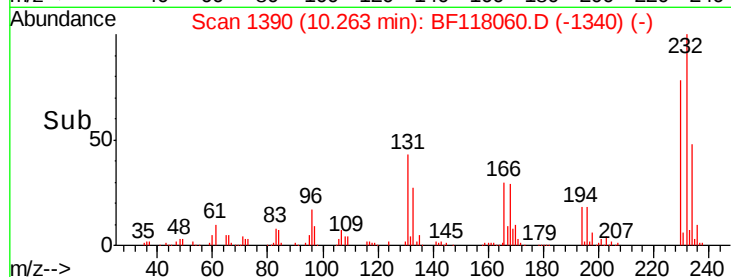
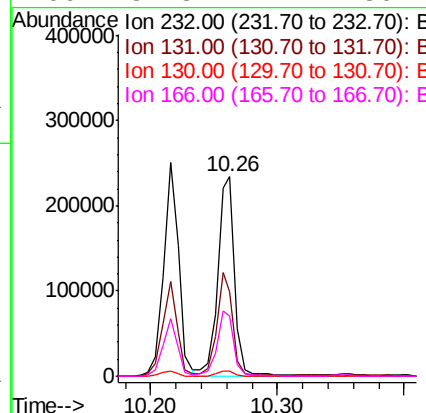
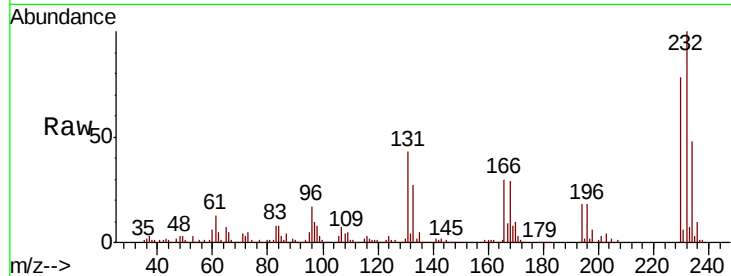
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.834 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	220587		
131	49.7		37.6	56.4
130	2.7		1.9	2.9
166	32.3		24.2	36.4

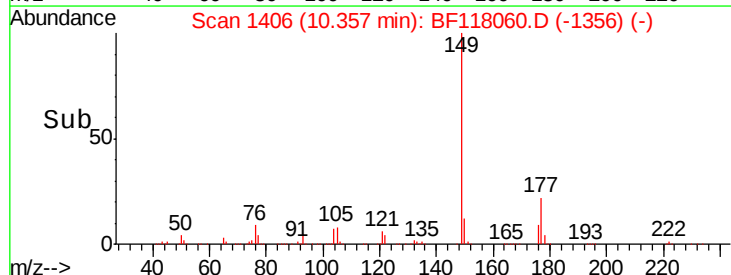
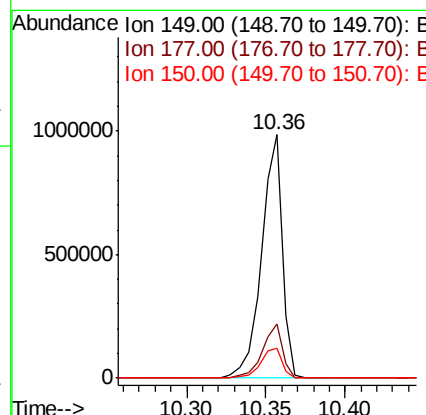
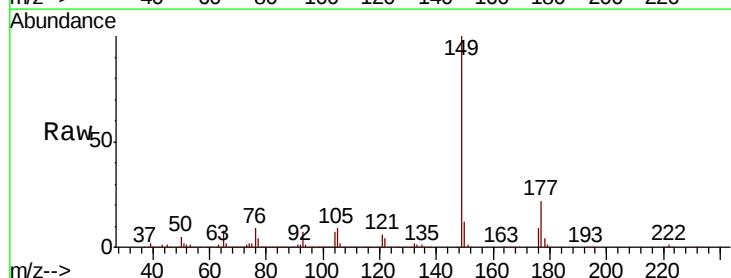
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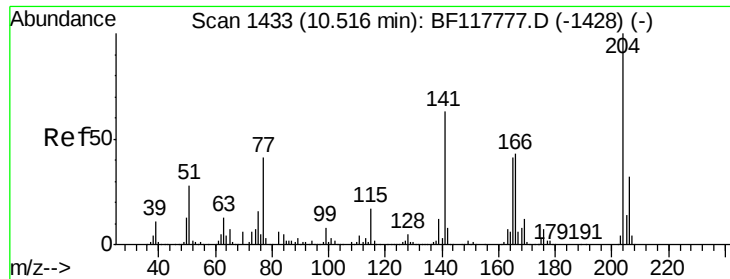
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#60
 Diethylphthalate
 Concen: 44.340 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	900752		
177	22.1		18.0	27.0
150	12.4		10.5	15.7





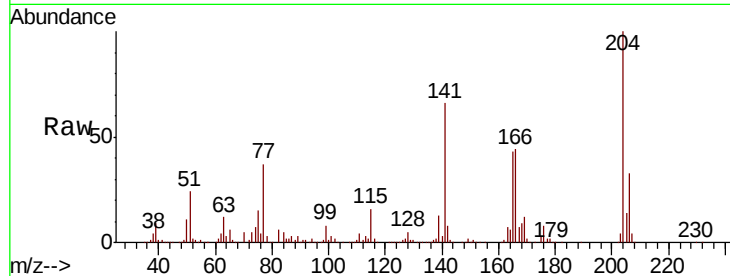
#61
 4-Chlorophenyl-phenylether
 Concen: 44.490 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

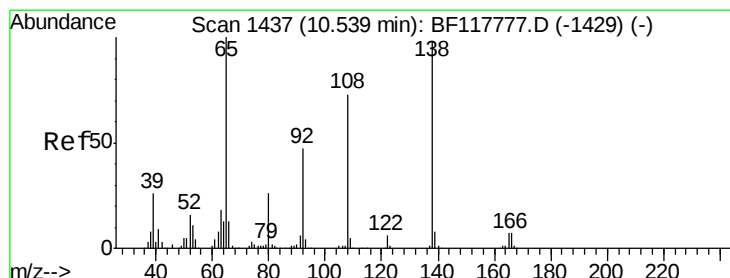
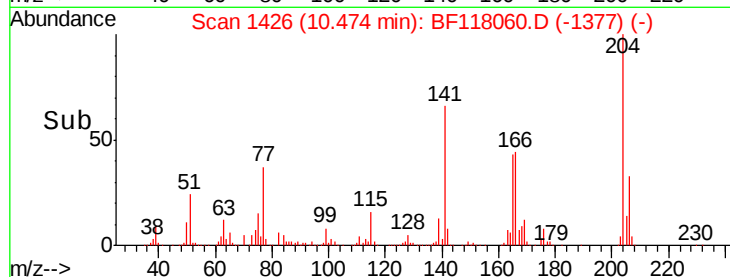
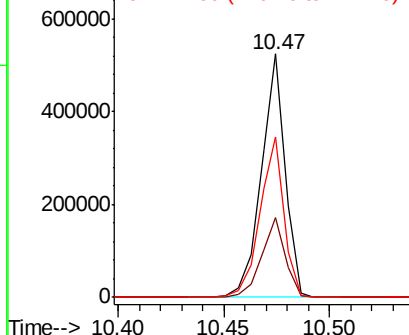
Tot Ion:	204	Resp:	410374
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.6	38.4
141	66.0	50.7	76.1

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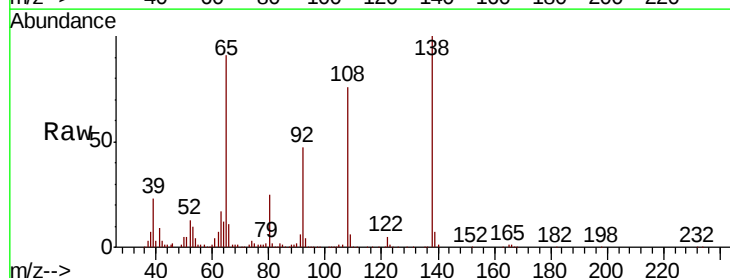


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

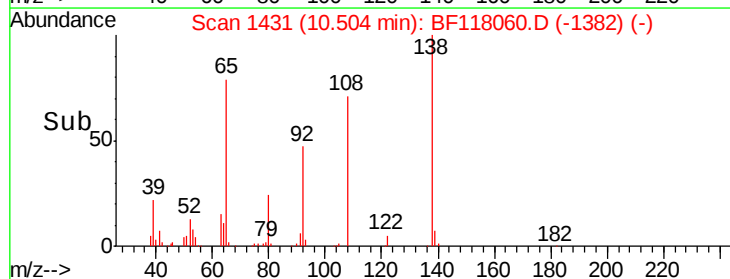
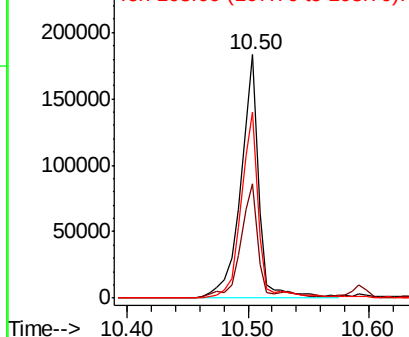


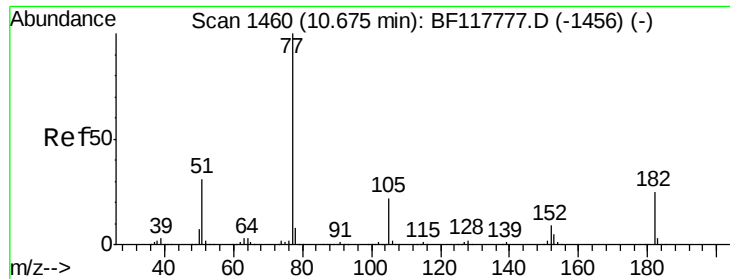
#62
 4-Nitroaniline
 Concen: 35.253 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion:	138	Resp:	192340
Ion Ratio	Lower	Upper	
138	100		
92	46.8	28.3	68.3
108	76.4	54.3	94.3



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





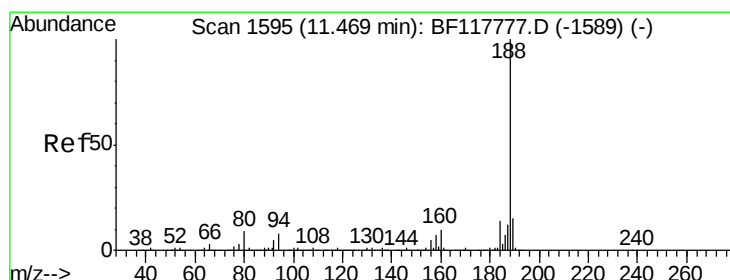
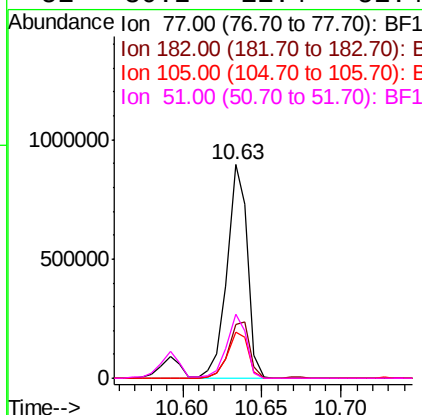
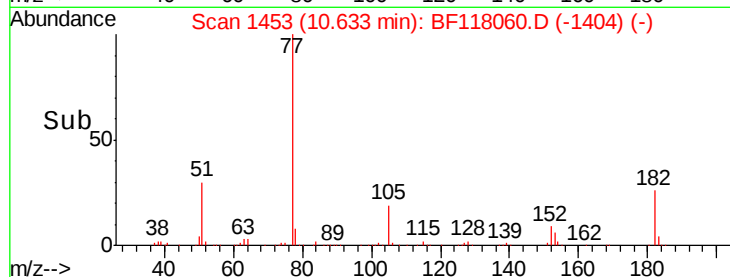
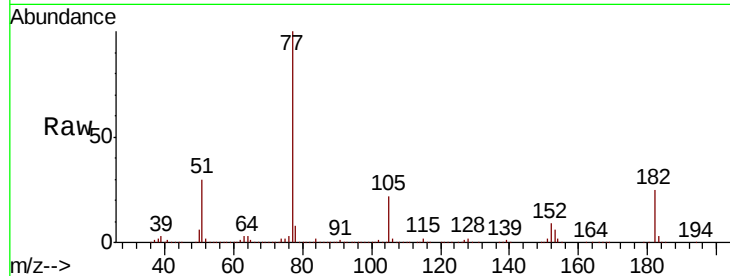
#63
Azobenzene
Concen: 42.993 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.8	44.8
105	21.9	2.1	42.1
51	30.2	11.4	51.4

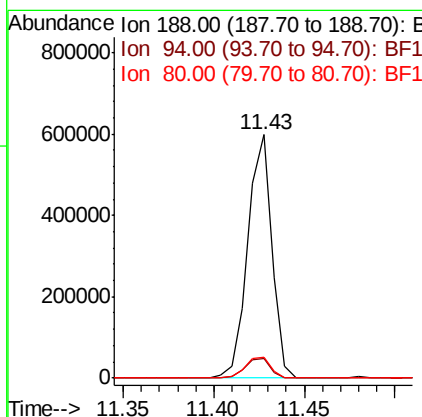
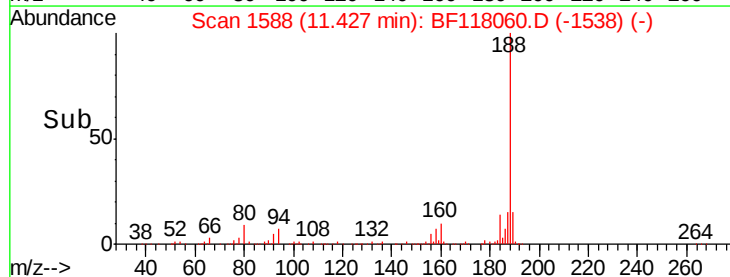
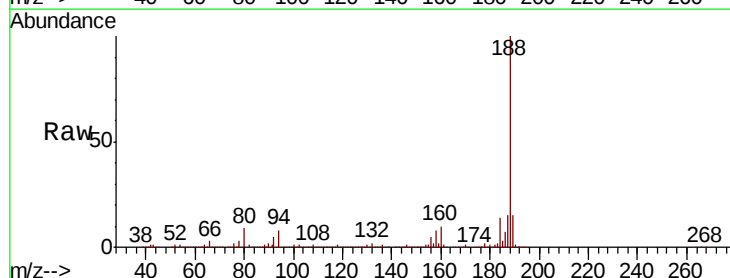
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.8	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 39.500 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

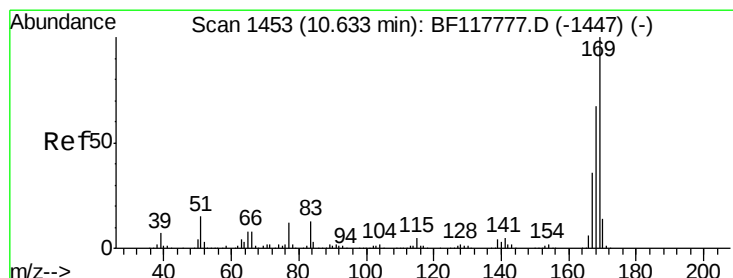
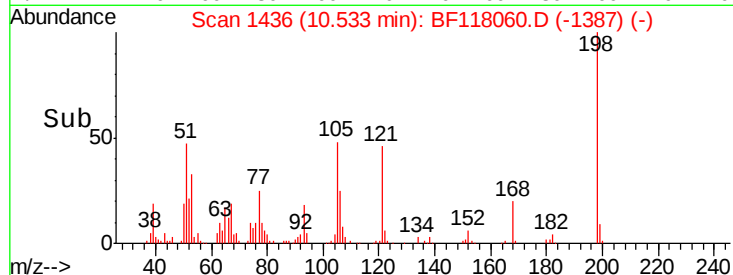
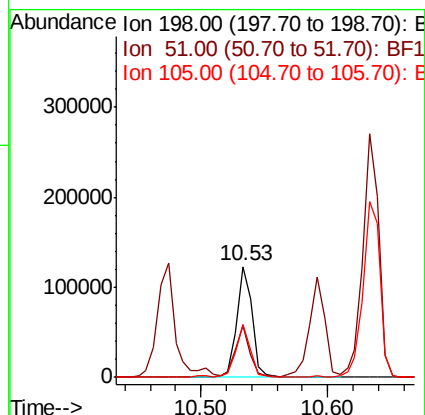
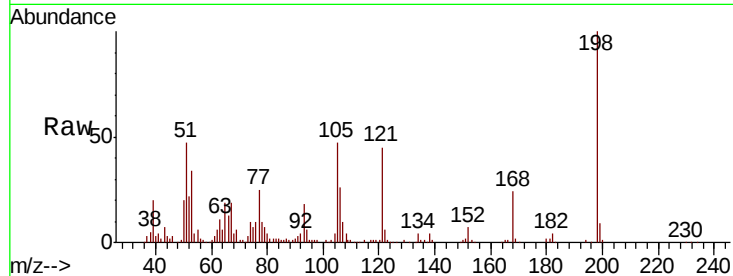
ClientSampleId :

PB125174BS

Tot Ion:	198	Resp:	101852
Ion Ratio	Lower	Upper	
198	100		
51	46.7	16.0	56.0
105	47.4	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 46.600 ng

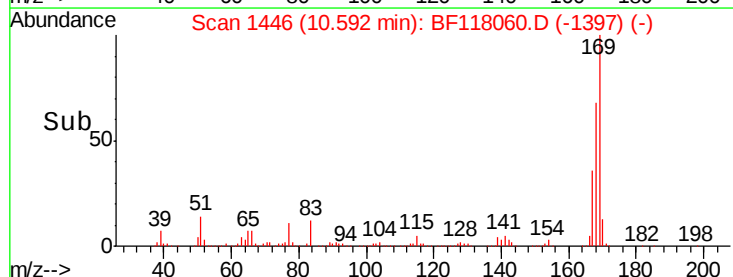
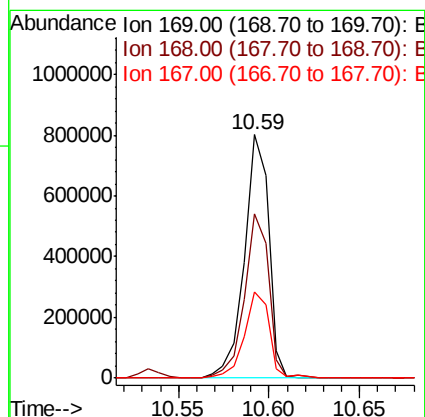
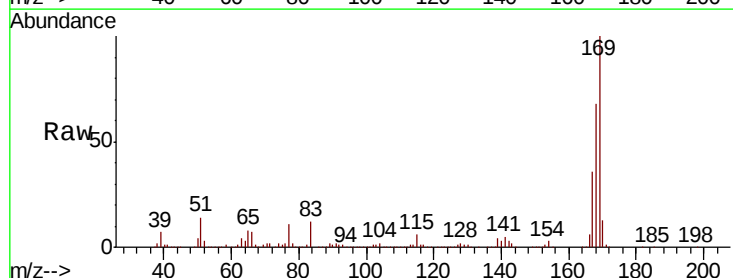
RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Tgt Ion:	169	Resp:	749095
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.5	80.3
167	35.6	29.0	43.4





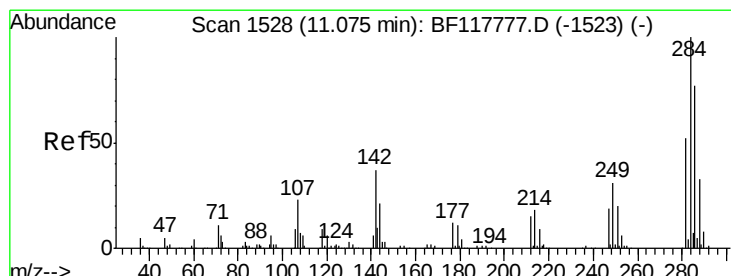
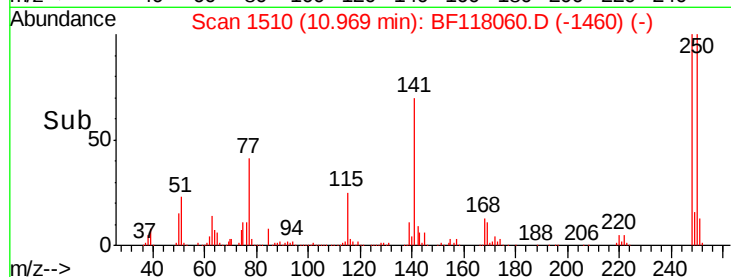
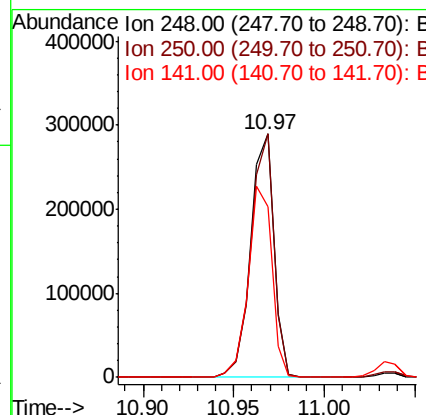
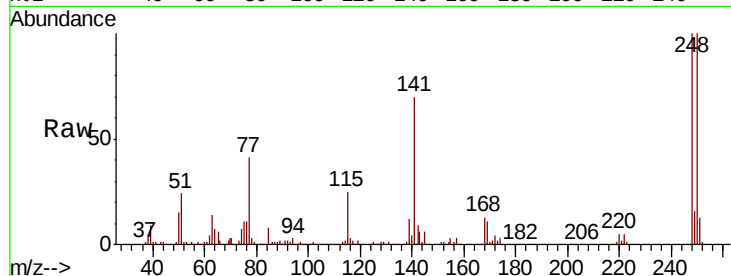
#67
 4-Bromophenyl-phenylether
 Concen: 43.473 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	259087		
250	99.8	76.6	115.0	
141	70.2	55.9	83.9	

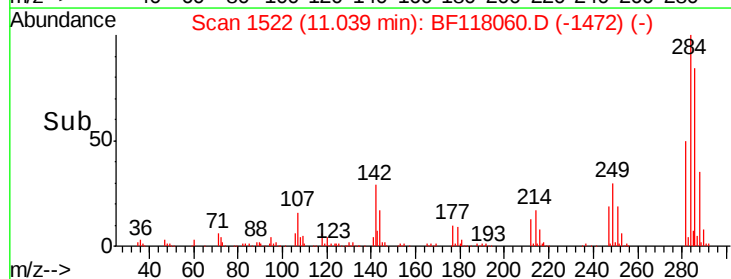
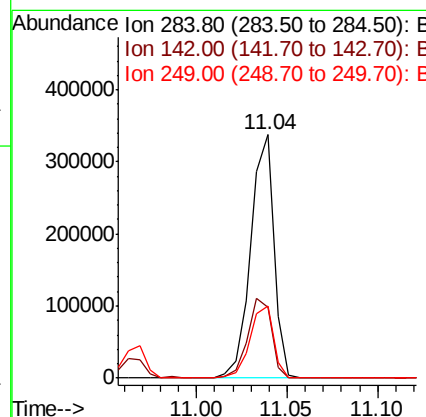
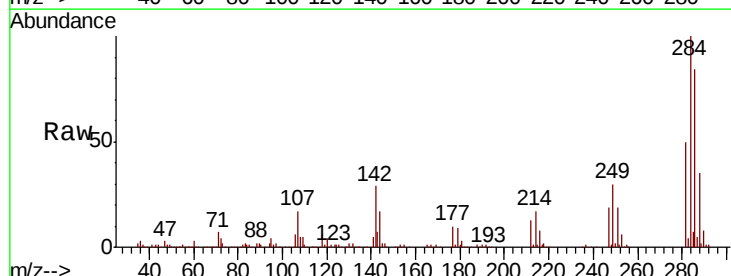
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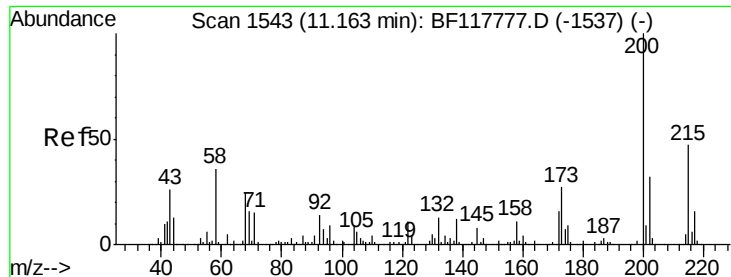
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#68
 Hexachlorobenzene
 Concen: 43.336 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	301156		
142	28.8	29.4	44.2#	
249	29.8	24.6	37.0	





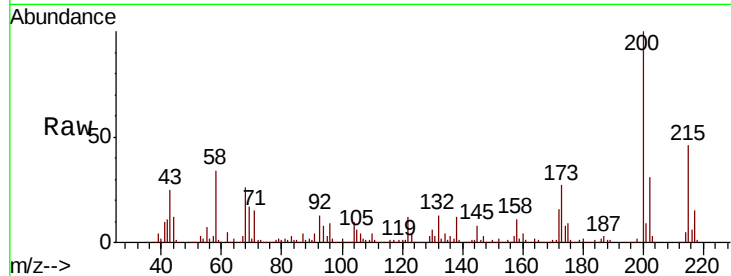
#69
Atrazine
Concen: 46.709 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	246988		
173	26.8	6.7	46.7	
215	46.1	27.5	67.5	

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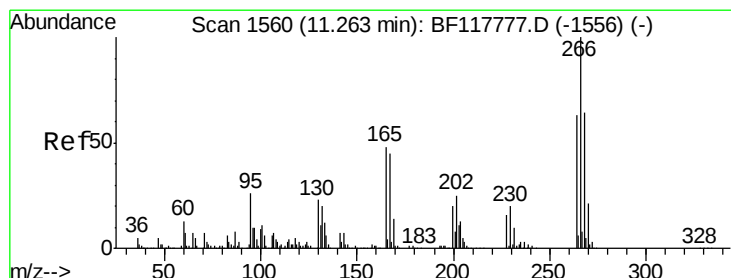
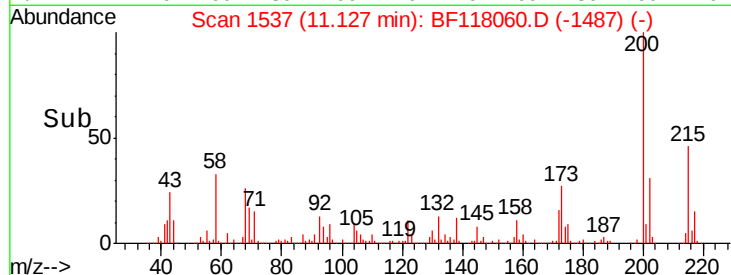
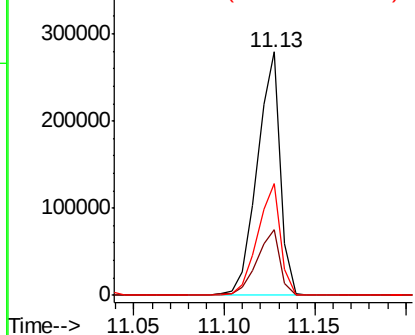


Abundance

Ion 200.00 (199.70 to 200.70): E

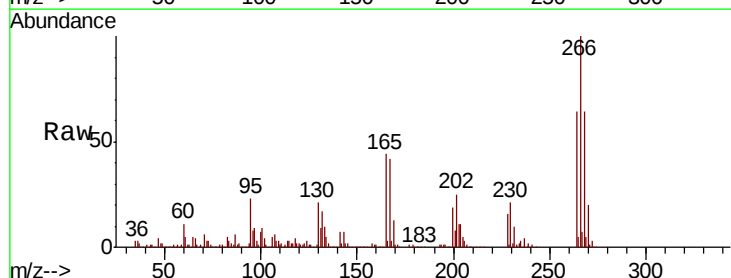
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.414 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	269643		
268	64.3	50.8	76.2	
264	64.2	50.7	76.1	

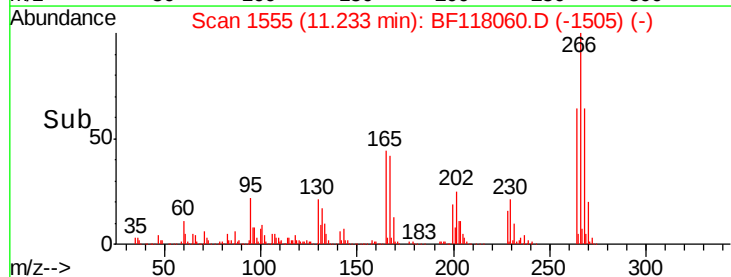
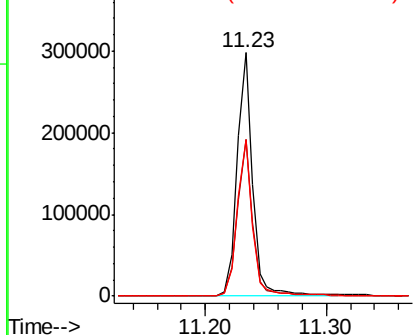


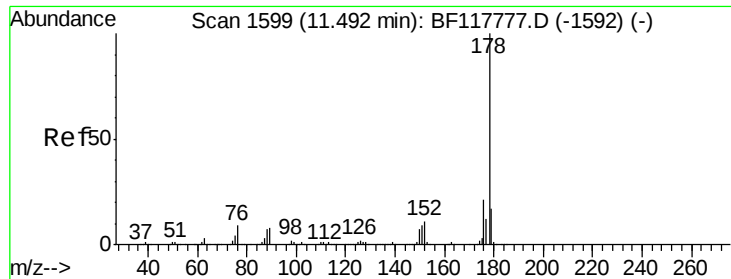
Abundance

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: 45.152 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB125174BS

Tot Ion:178 Resp: 1253875

Ion Ratio Lower Upper

178 100

176 19.6 16.6 25.0

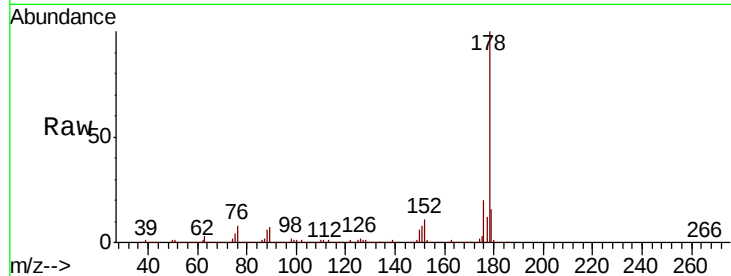
179 15.8 13.2 19.8

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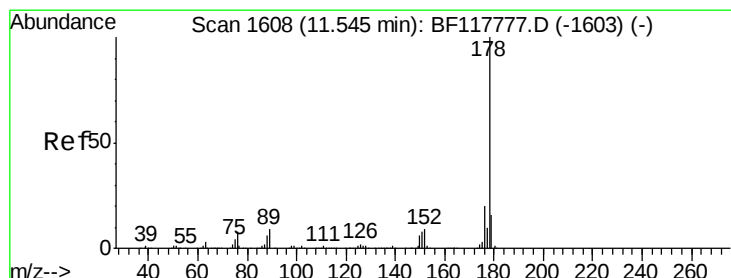
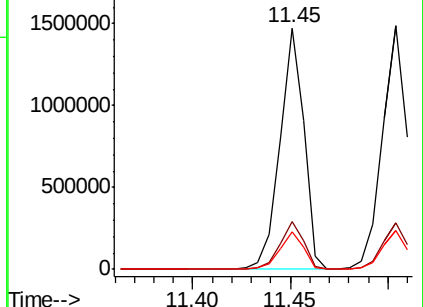
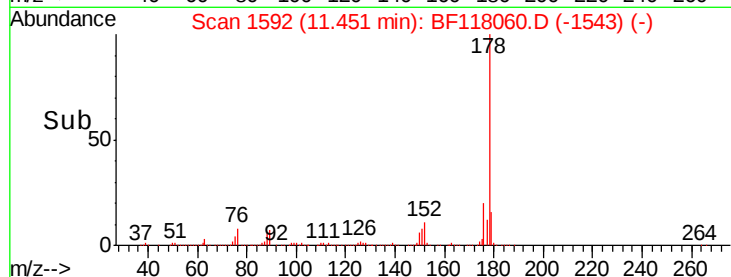
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.510 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

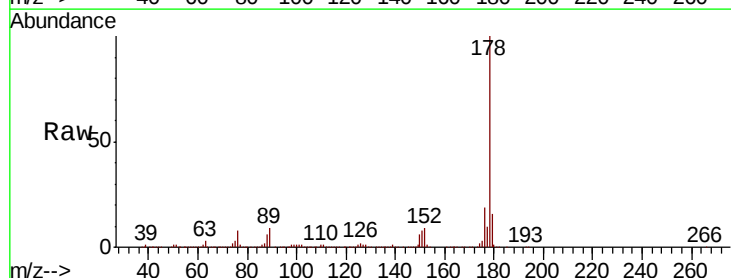
Tgt Ion:178 Resp: 1280573

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

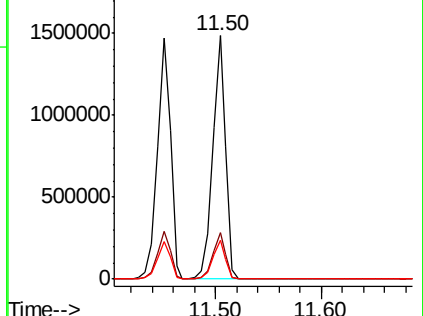
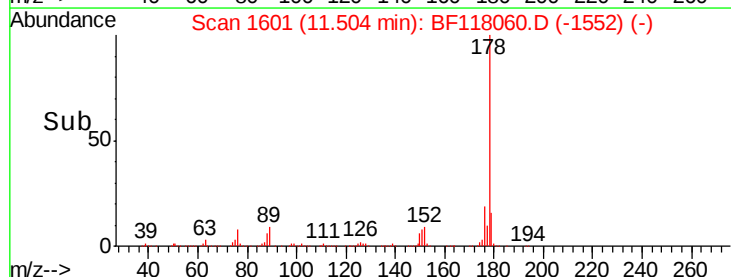
179 15.8 13.0 19.4

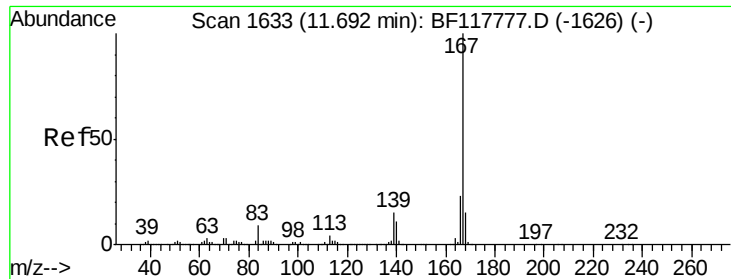


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





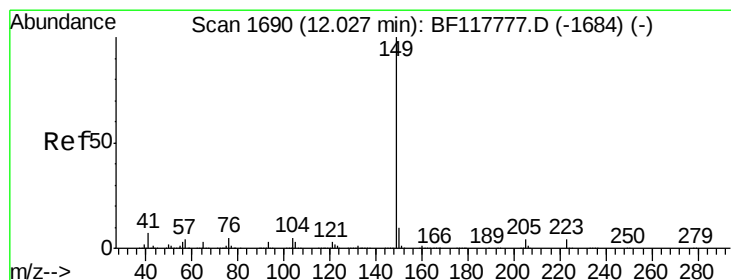
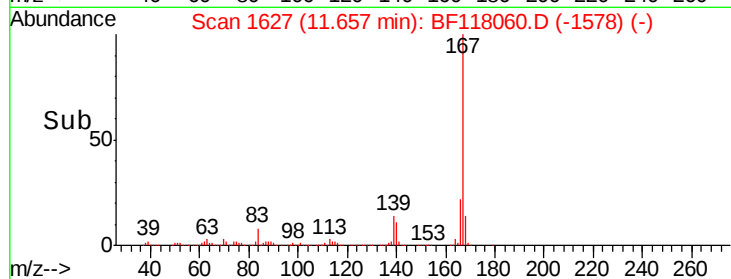
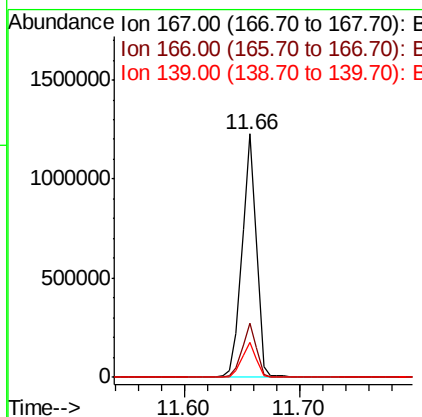
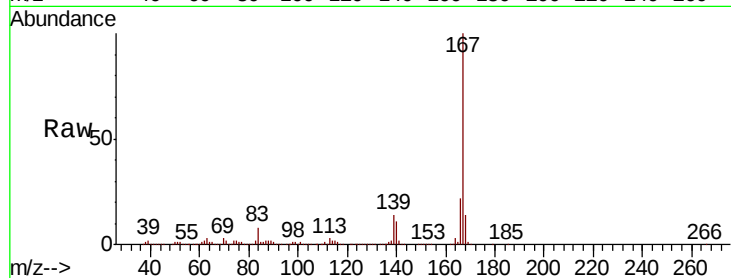
#73
 Carbazole
 Concen: 44.625 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	14.3	11.7	17.5

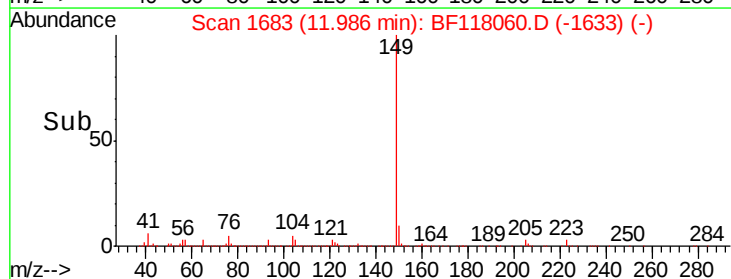
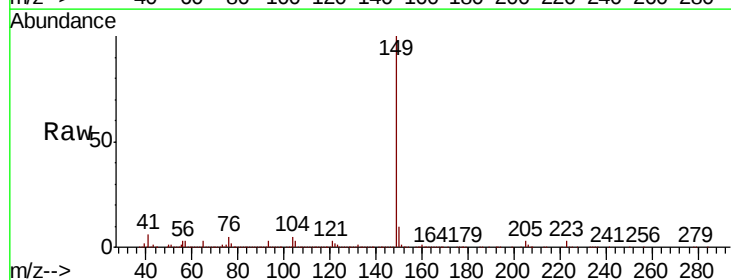
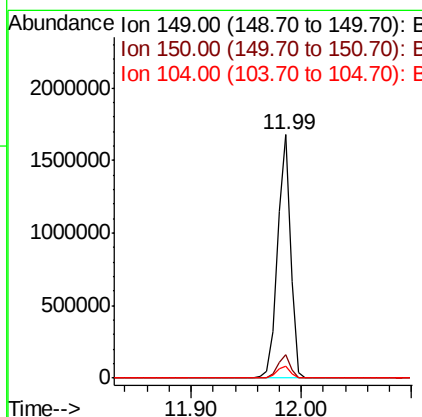
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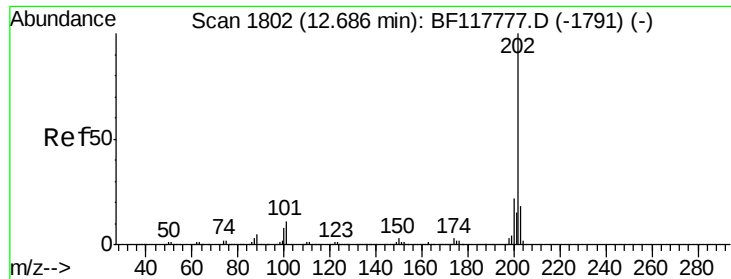
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#74
 Di-n-butylphthalate
 Concen: 46.292 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 50.355 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

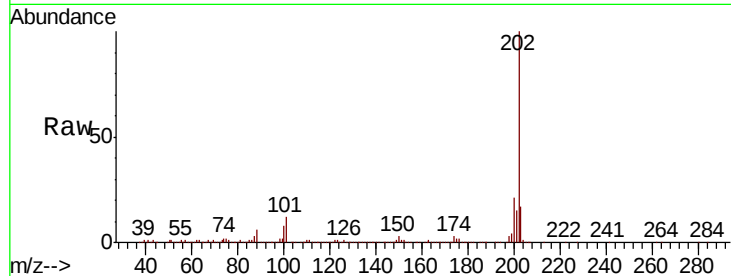
ClientSampleId :

PB125174BS

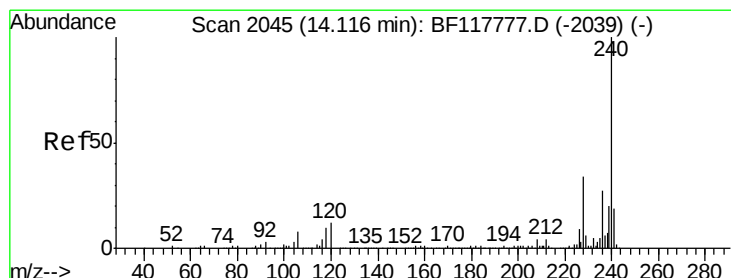
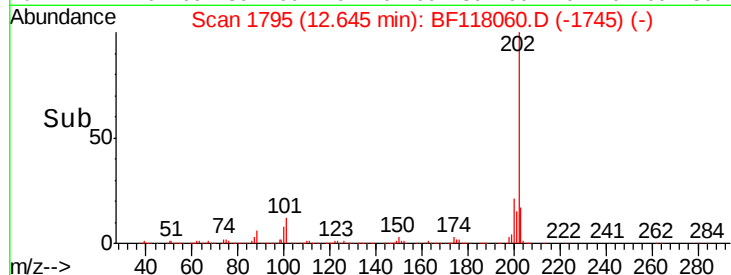
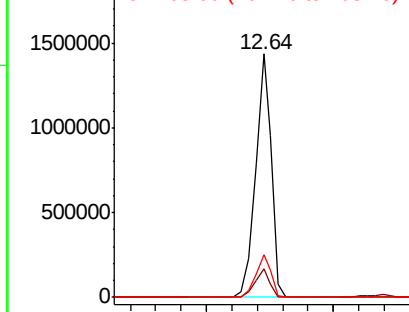
Tot Ion:	202	Resp:	1250751
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.1
203	17.4	0.0	38.2

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



#76

Chrysene-d12

Concen: 20.000 ng

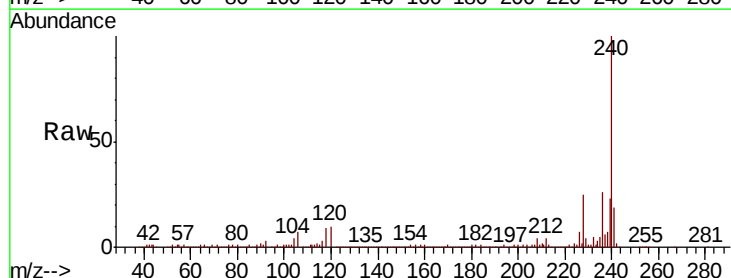
RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

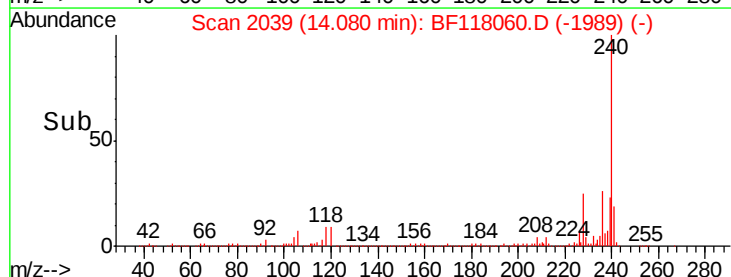
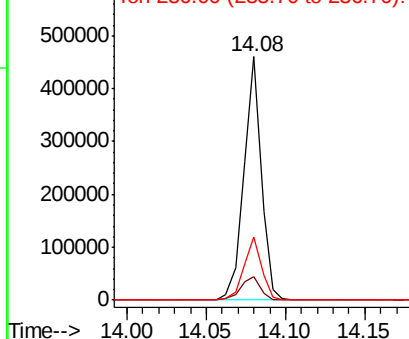
Lab File: BF118060.D

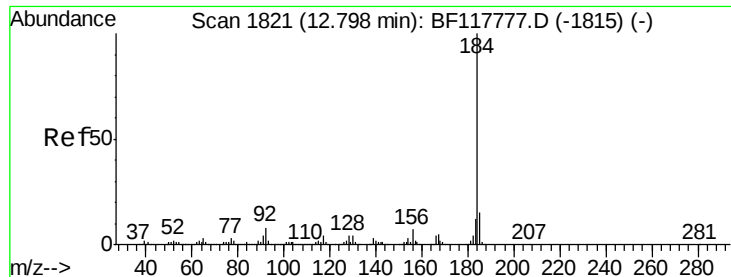
Acq: 3 Dec 2019 14:10

Tgt Ion:	240	Resp:	348281
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	26.1	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.600 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

Instrument :

BNA_F

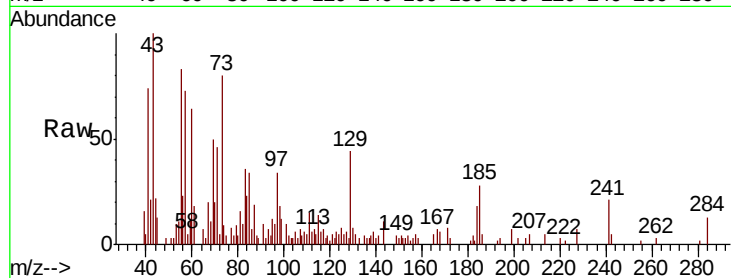
ClientSampled :

PB125174BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	150.1	12.2	18.4#
183	13.1	9.5	14.3

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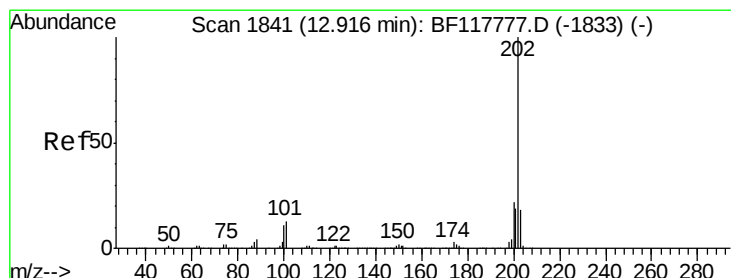
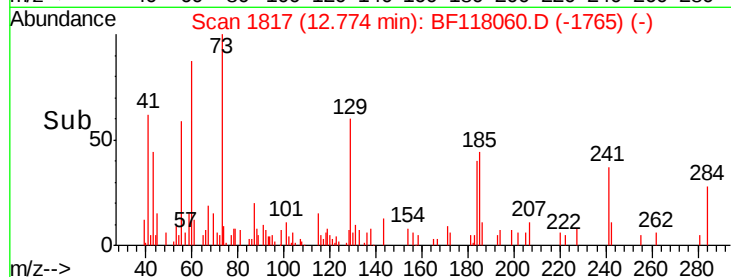
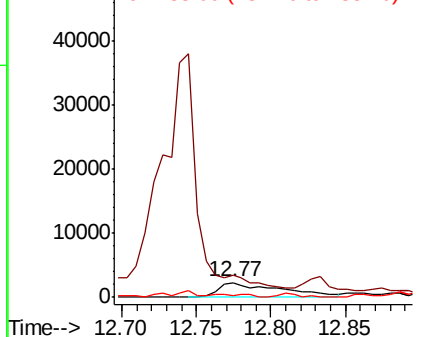


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.217 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF118060.D

Acq: 3 Dec 2019 14:10

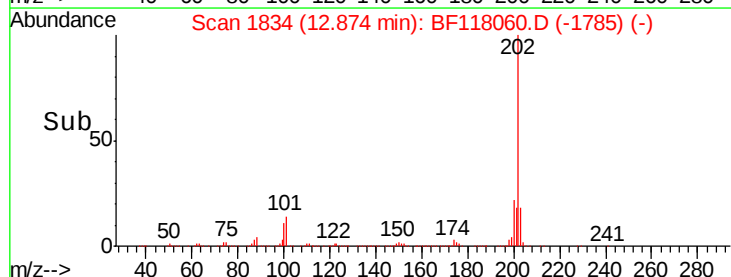
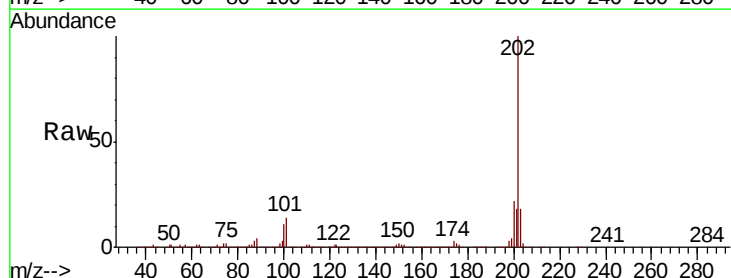
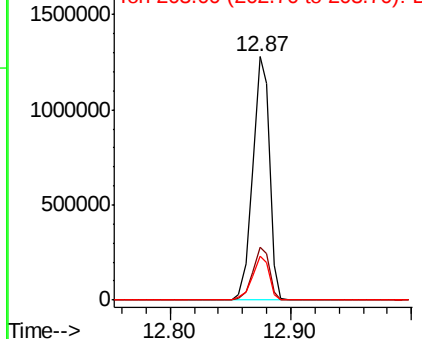
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.8
203	17.9	14.6	22.0

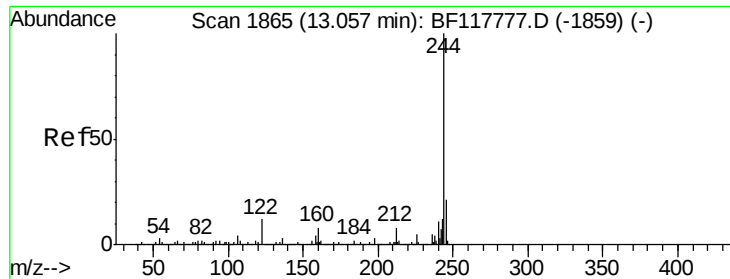
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





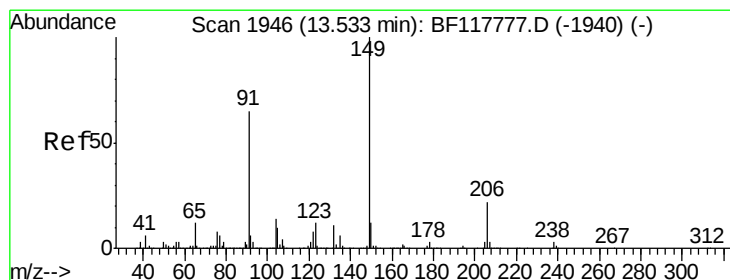
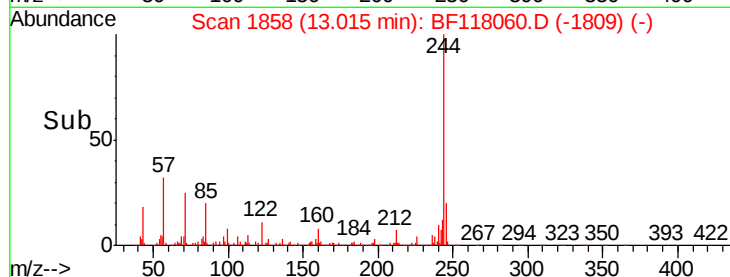
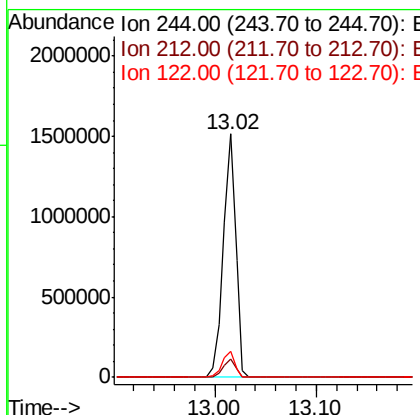
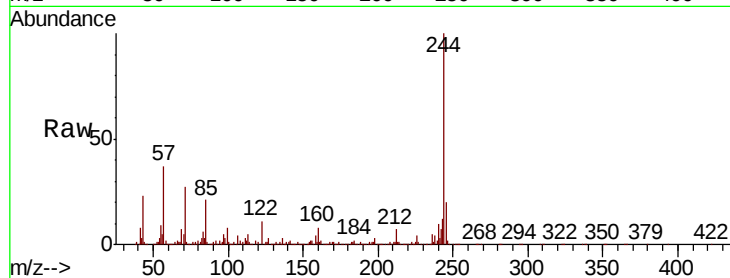
#79
 Terphenyl-d14
 Concen: 67.691 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.6	9.4	14.2

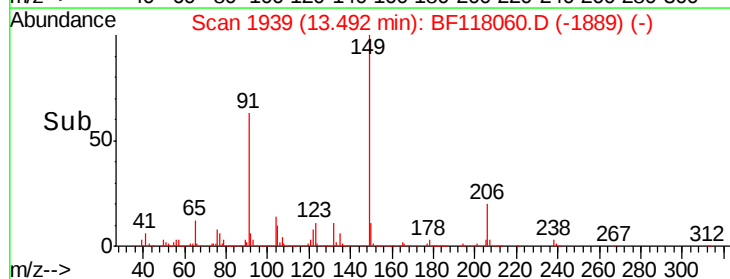
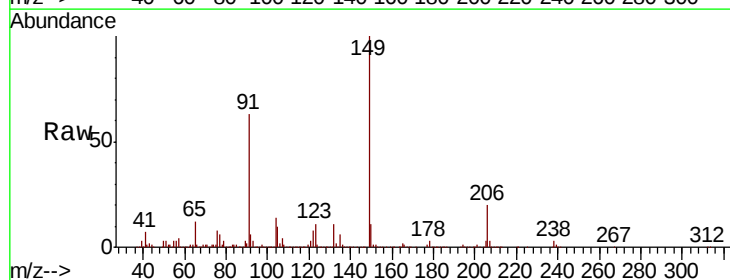
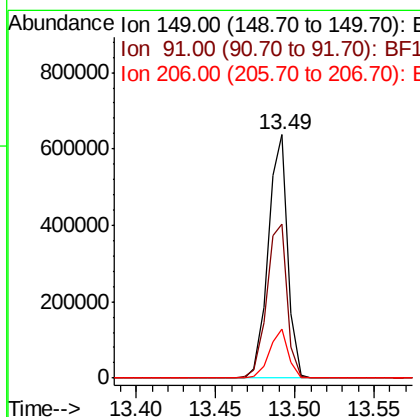
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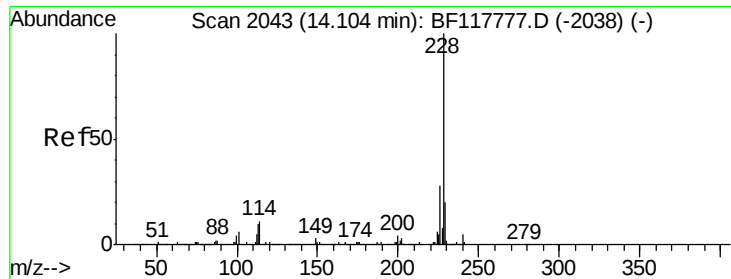
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.592 ng
 RT: 13.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.2	51.9	77.9
206	20.2	17.2	25.8





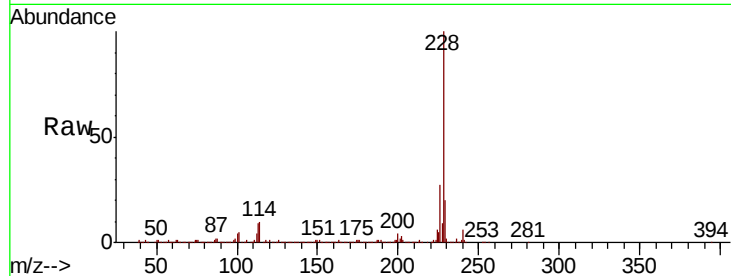
#81
Benzo(a)anthracene
Concen: 43.994 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampled :
PB125174BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.1	15.9	23.9

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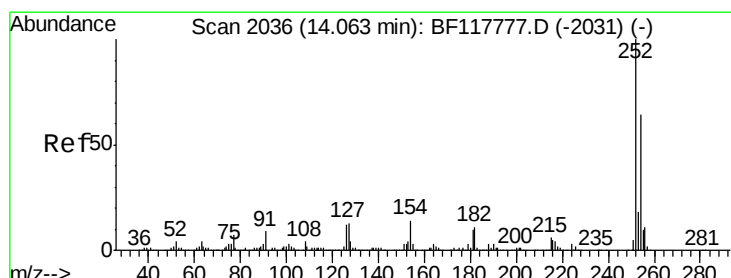
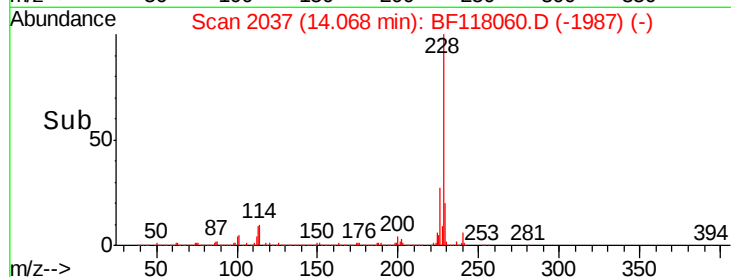
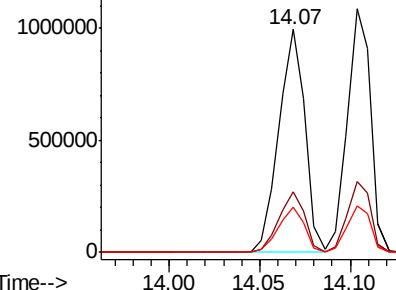


Abundance

Ion 228.00 (227.70 to 228.70): E

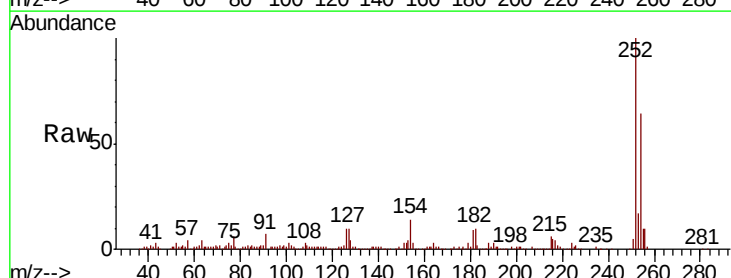
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.253 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	10.5	9.7	14.5

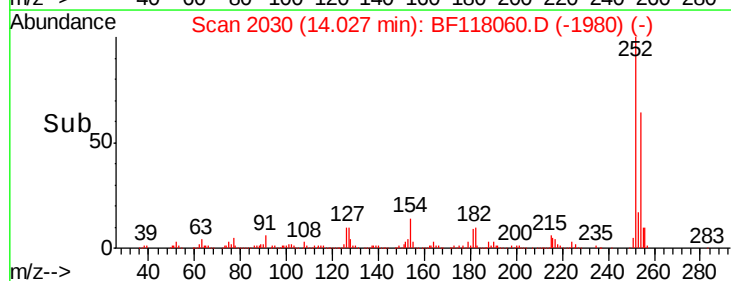
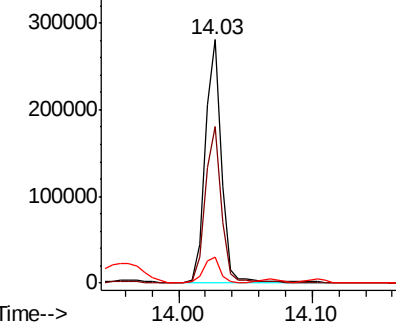


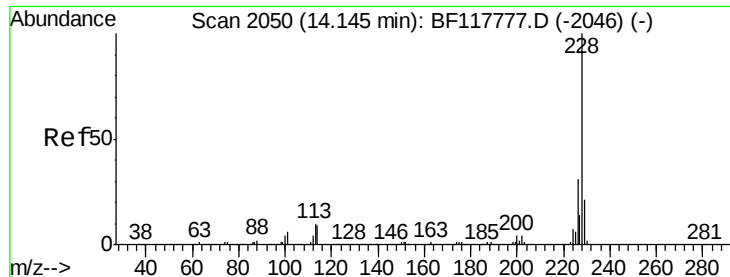
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





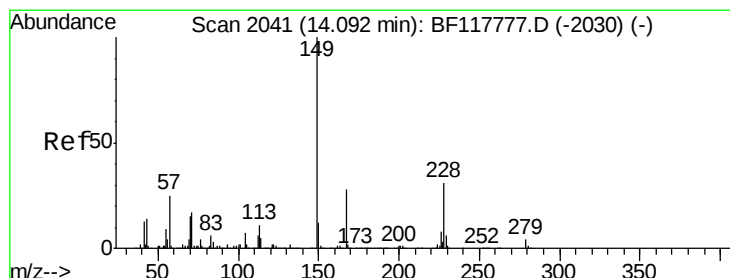
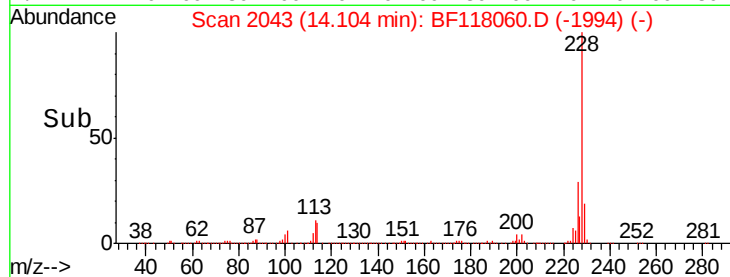
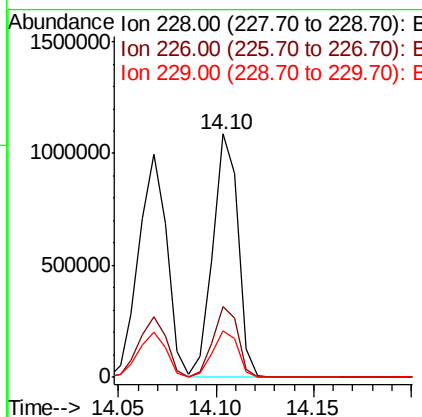
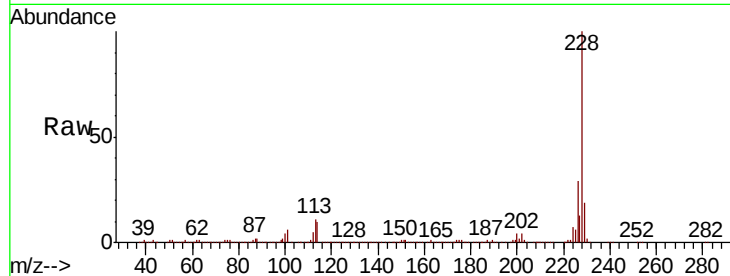
#83
 Chrvsene
 Concen: 43.499 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.4
229	19.3	16.6	25.0

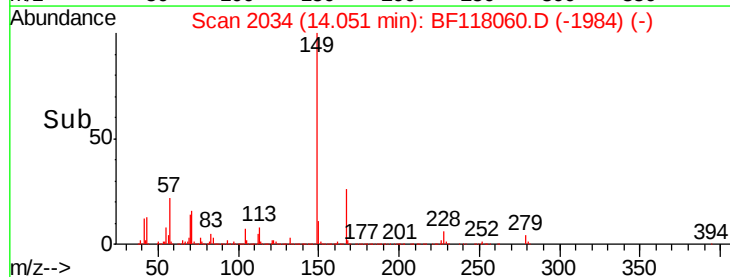
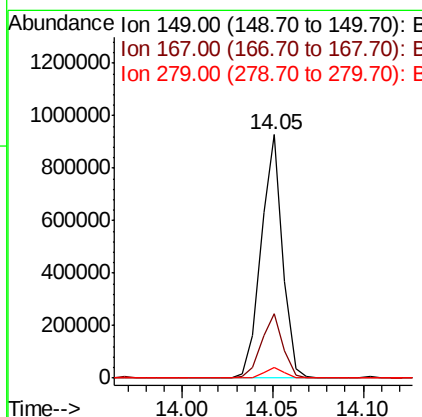
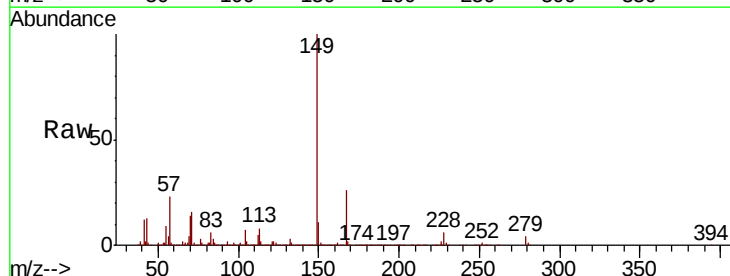
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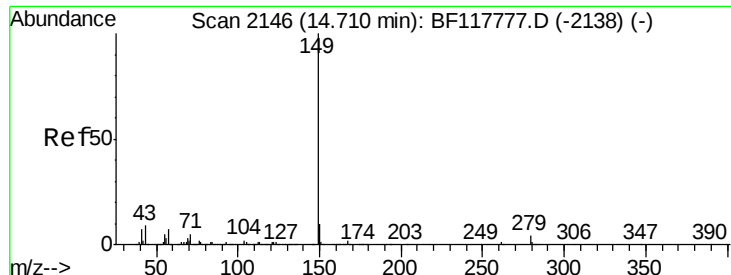
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.713 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF118060.D
 Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.2
279	4.3	3.4	5.2





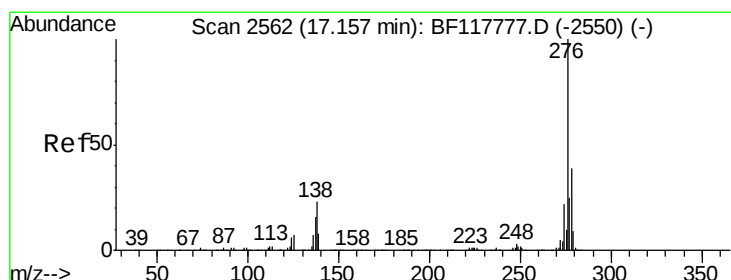
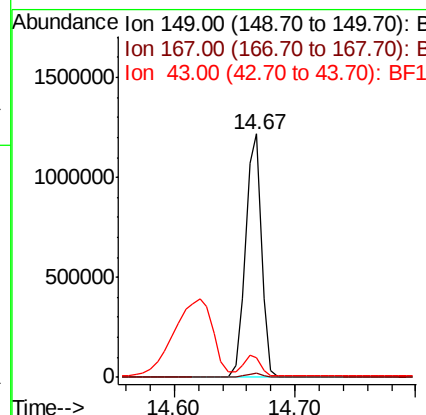
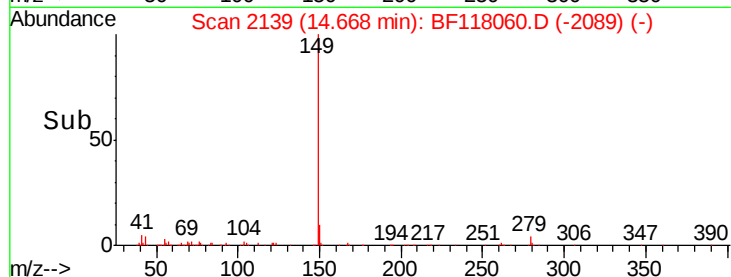
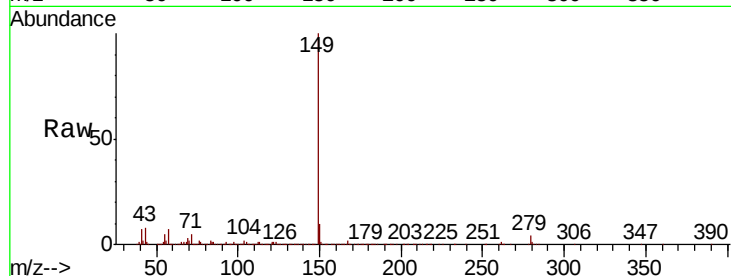
#85
Di-n-octyl phthalate
Concen: 52.142 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	7.4	11.2

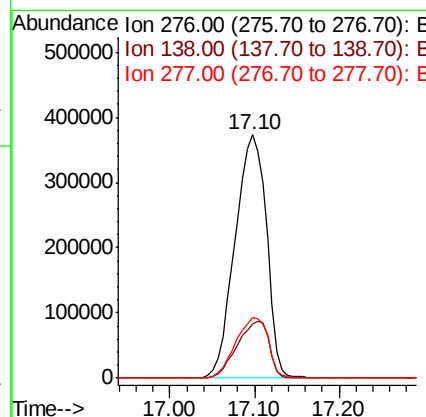
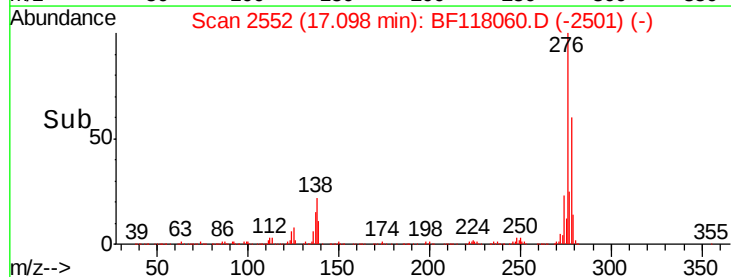
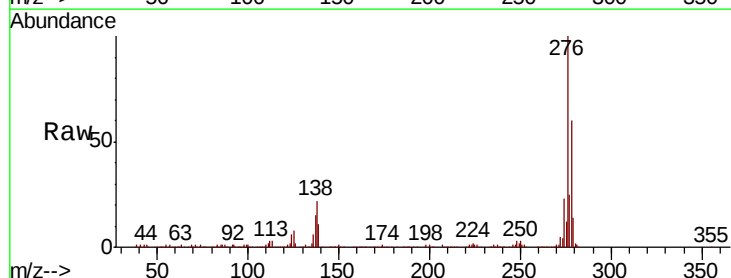
Manual Integrations
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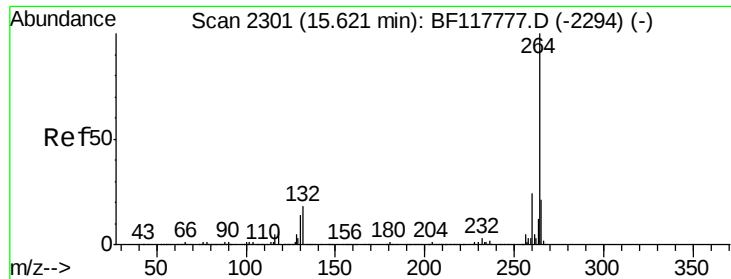
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.601 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.9	31.3
277	25.8	20.3	30.5





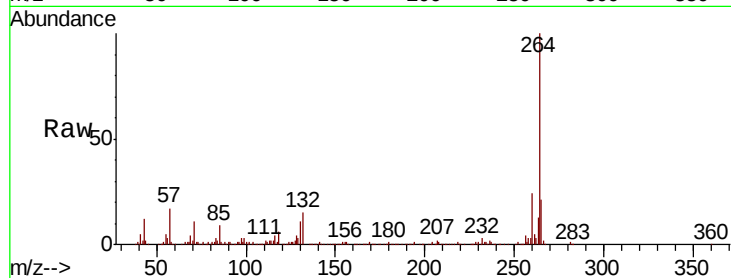
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.5	17.1	25.7

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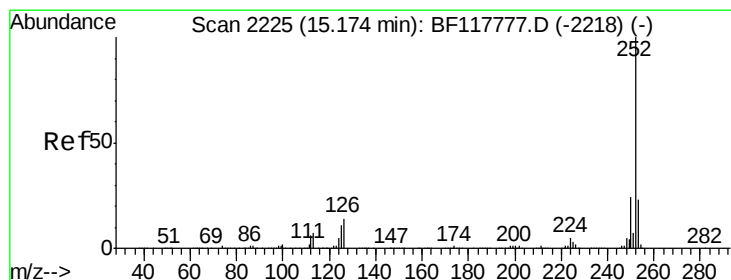
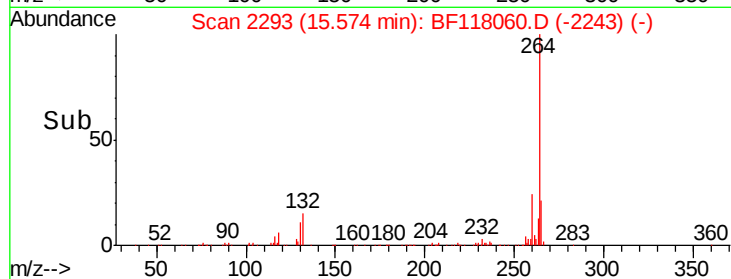
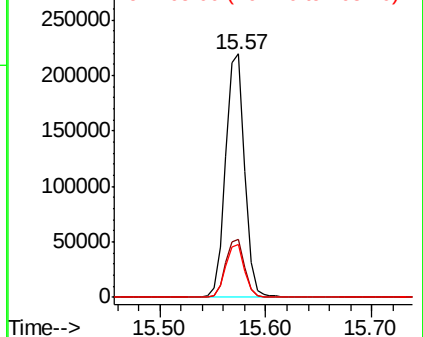


Abundance

Ion 264.00 (263.70 to 264.70): E

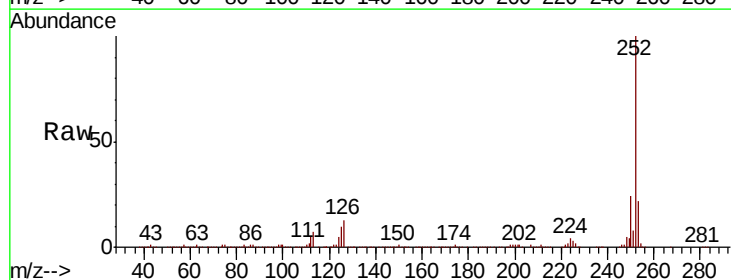
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.919 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.5	8.6	13.0

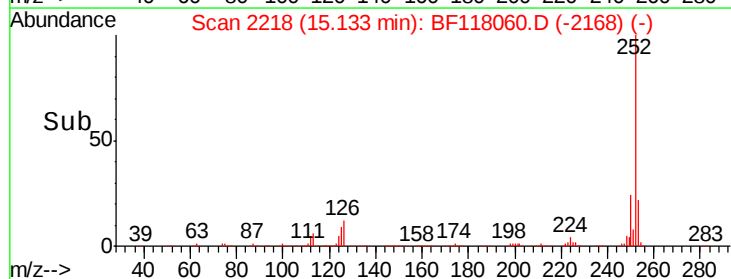
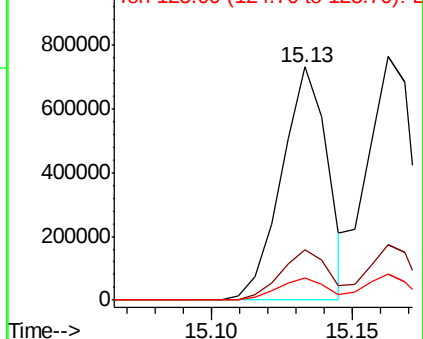


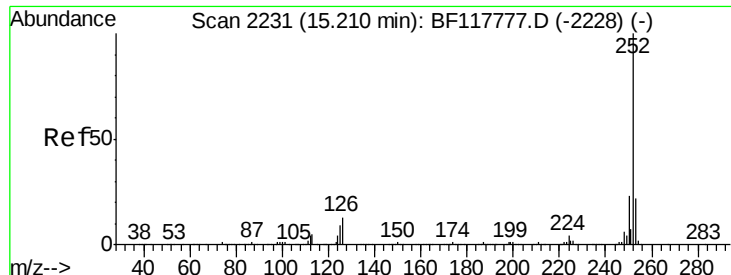
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





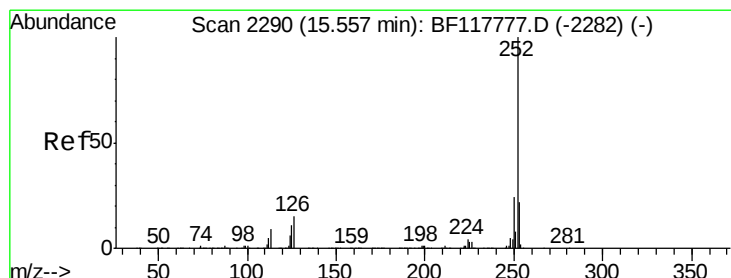
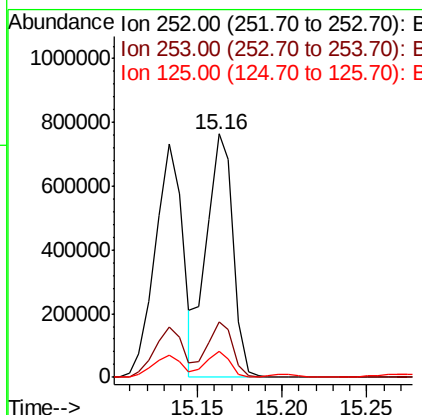
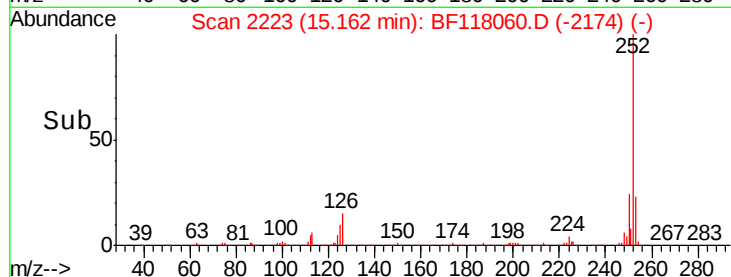
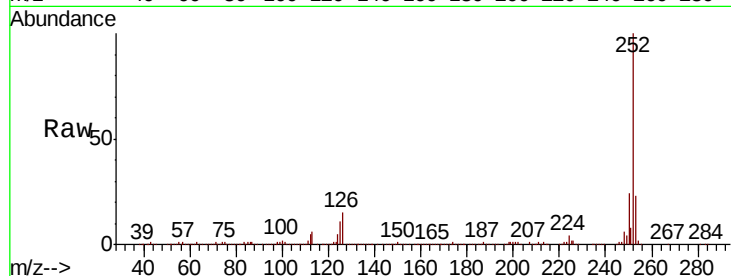
#89
Benzo(k)fluoranthene
Concen: 50.051 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.6	7.9	11.9

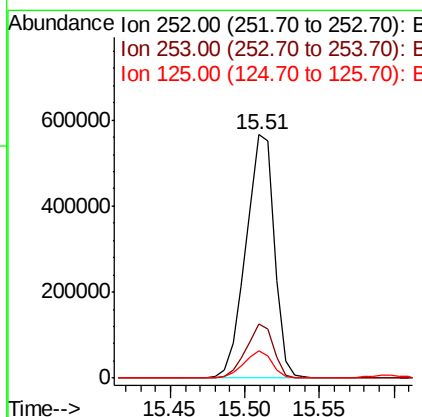
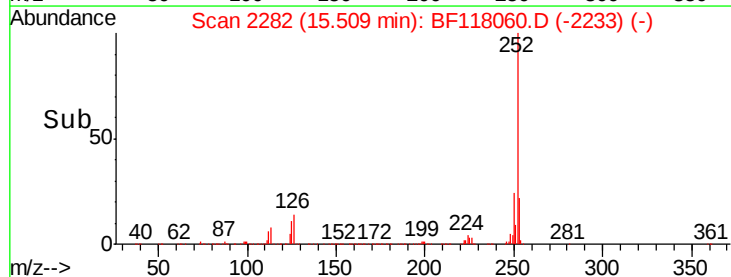
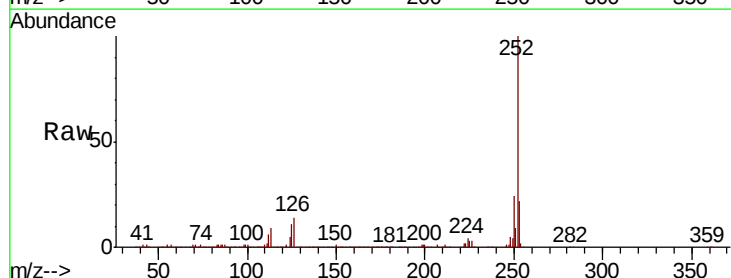
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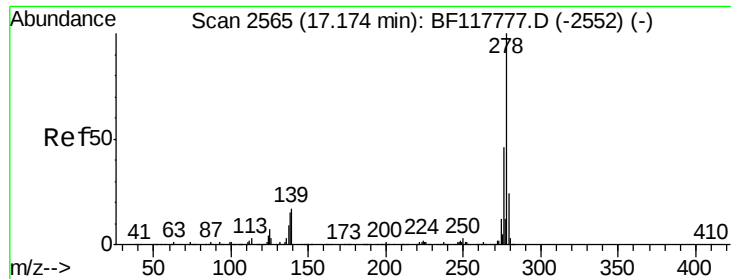
mohammad
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#90
Benzo(a)pyrene
Concen: 47.690 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.2	13.8





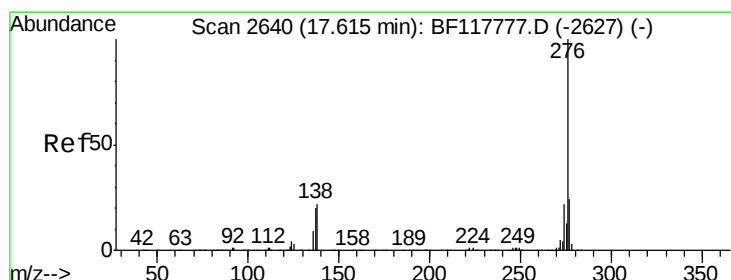
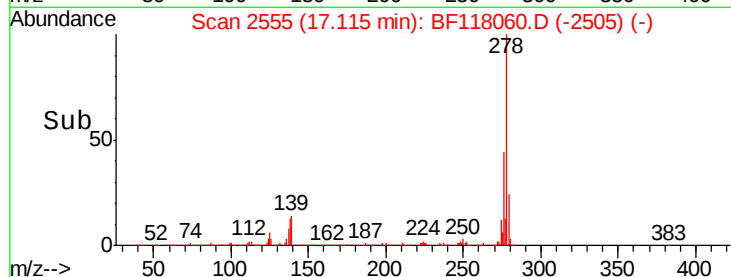
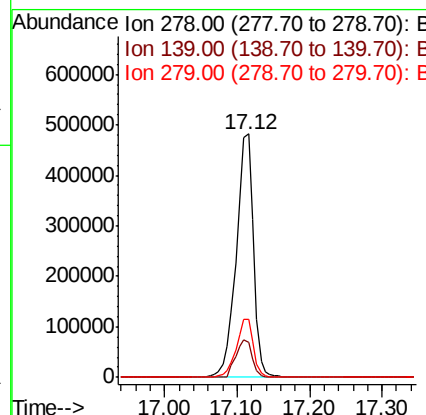
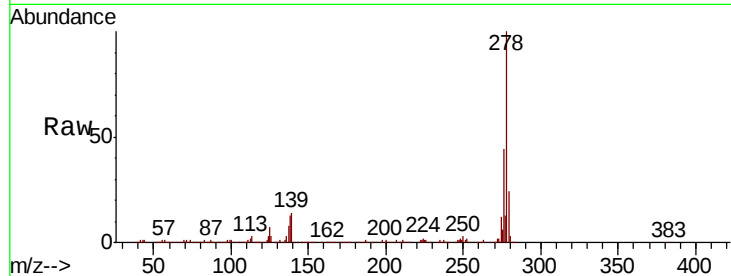
#91
Dibenzo(a,h)anthracene
Concen: 59.736 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB125174BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.8	20.8
279	23.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/4/2019 5:01:23 PM



#92
Benzo(g,h,i)perylene
Concen: 62.157 ng
RT: 17.56 min Scan# 2630
Delta R.T. -0.00 min
Lab File: BF118060.D
Acq: 3 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	21.1	17.4	26.2

