

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117401.D
 Acq On : 14 Oct 2019 14:49
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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mohammad
 10/16/2019 8:10:27 AM

Quant Time: Oct 14 19:05:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53399	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	223514	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114415	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	176935	20.00	ng	0.00
76) Chrysene-d12	13.97	240	109669	20.00	ng	0.00
87) Perylene-d12	15.42	264	91244	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	679064	198.54	ng	0.00
7) Phenol-d6	6.46	99	875159	197.99	ng	0.02
23) Nitrobenzene-d5	7.37	82	868197	204.09	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	170734	178.55	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1463216	199.96	ng	0.01
79) Terphenyl-d14	12.91	244	1275188	217.35	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	143878	100.529	ng	99
3) Pyridine	3.26	79	395458	100.950	ng	97
4) n-Nitrosodimethylamine	3.25	42	141203	105.035	ng	87
6) Aniline	6.47	93	534243	93.874	ng	# 52
8) 2-Chlorophenol	6.60	128	368196	99.787	ng	97
9) Benzaldehyde	6.35	77	160328	66.428	ng	97
10) Phenol	6.47	94	493139	101.200	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	368948	103.017	ng	98
12) 1,3-Dichlorobenzene	6.74	146	412811	99.702	ng	98
13) 1,4-Dichlorobenzene	6.82	146	420929	99.619	ng	98
14) 1,2-Dichlorobenzene	6.97	146	386729	98.304	ng	97
15) Benzyl Alcohol	6.96	79	337318	99.514	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	385449	108.934	ng	69
17) 2-Methylphenol	7.07	107	305832	98.898	ng	# 88
18) Hexachloroethane	7.30	117	165314	101.699	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	285084	105.916	ng	96
20) 3+4-Methylphenols	7.23	107	384446	99.807	ng	95
22) Acetophenone	7.22	105	572561	100.824	ng	# 96
24) Nitrobenzene	7.39	77	429025	102.126	ng	97
25) Isophorone	7.63	82	772104	102.510	ng	99
26) 2-Nitrophenol	7.70	139	196843	109.087	ng	97
27) 2,4-Dimethylphenol	7.75	122	292365	102.172	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	473322	101.997	ng	98
29) 2,4-Dichlorophenol	7.95	162	298120	99.429	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	319104	98.510	ng	98
31) Naphthalene	8.10	128	1071870	99.712	ng	99
32) Benzoic acid	7.95	122	220394	109.509	ng	90
33) 4-Chloroaniline	8.16	127	436687	91.591	ng	99
34) Hexachlorobutadiene	8.22	225	186520	101.490	ng	99
35) Caprolactam	8.57	113	90598m	89.271	ng	
36) 4-Chloro-3-methylphenol	8.66	107	339488	97.104	ng	99
37) 2-Methylnaphthalene	8.79	142	725357	100.205	ng	98
38) 1-Methylnaphthalene	8.89	142	681544	100.528	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	291816	98.770	ng	99

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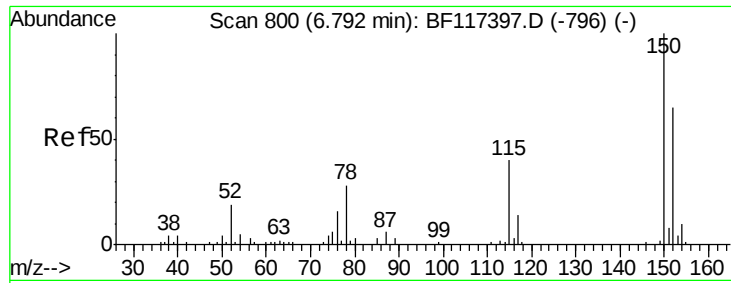
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	90199	81.167	nq	94
43) 2,4,6-Trichlorophenol	9.08	196	184509	92.024	nq	96
44) 2,4,5-Trichlorophenol	9.13	196	185932	86.796	nq	95
46) 1,1'-Biphenyl	9.26	154	878793	97.919	nq	97
47) 2-Chloronaphthalene	9.29	162	689635	97.365	nq	98
48) 2-Nitroaniline	9.39	65	220817	97.196	nq	99
49) Acenaphthylene	9.70	152	989763	93.280	nq	99
50) Dimethylphthalate	9.56	163	775859	95.771	nq	100
51) 2,6-Dinitrotoluene	9.64	165	167355	101.431	nq	91
52) Acenaphthene	9.87	154	611502	97.220	nq	99
53) 3-Nitroaniline	9.81	138	198235	95.226	nq	96
54) 2,4-Dinitrophenol	9.93	184	74017	126.735	nq	92
55) Dibenzofuran	10.05	168	875663	94.358	nq	96
56) 4-Nitrophenol	9.99	139	95959	71.123	nq	93
57) 2,4-Dinitrotoluene	10.05	165	218521	102.031	nq	91
58) Fluorene	10.39	166	731136	97.804	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	134527	82.064	nq	98
60) Diethylphthalate	10.26	149	772258	96.894	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	321373	99.361	nq	93
62) 4-Nitroaniline	10.44	138	178964	82.666	nq	96
63) Azobenzene	10.54	77	794481	97.600	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	99409	133.866	nq	95
66) n-Nitrosodiphenylamine	10.50	169	628493	102.853	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	187440	103.734	nq	96
68) Hexachlorobenzene	10.95	284	200646	101.524	nq	# 91
69) Atrazine	11.02	200	31381	20.907	nq	98
70) Pentachlorophenol	11.14	266	62557	67.526	nq	96
71) Phenanthrene	11.35	178	974033	96.920	nq	99
72) Anthracene	11.40	178	994674	96.946	nq	99
73) Carbazole	11.56	167	909762	93.415	nq	99
74) Di-n-butylphthalate	11.87	149	1247063	107.624	nq	99
75) Fluoranthene	12.54	202	956986	92.676	nq	98
77) Benzidine	12.66	184	114484m	32.407	nq	
78) Pyrene	12.77	202	955956	103.885	nq	100
80) Butylbenzylphthalate	13.37	149	486702	111.934	nq	99
81) Benzo(a)anthracene	13.96	228	726775	99.190	nq	99
83) Chrysene	14.00	228	687803	96.246	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	681763	121.607	nq	# 96
85) Di-n-octyl phthalate	14.54	149	1000507	113.386	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	521789	100.081	nq	99
88) Benzo(b)fluoranthene	15.00	252	543980	98.423	nq	99
89) Benzo(k)fluoranthene	15.03	252	517333	98.811	nq	100
90) Benzo(a)pyrene	15.36	252	471637	97.244	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	436238	112.907	nq	97
92) Benzo(g,h,i)perylene	17.32	276	426443	110.761	nq	97

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



#1

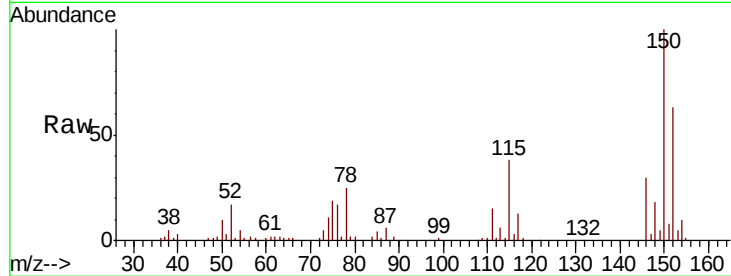
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.7	184.1
115	59.8	48.6	73.0

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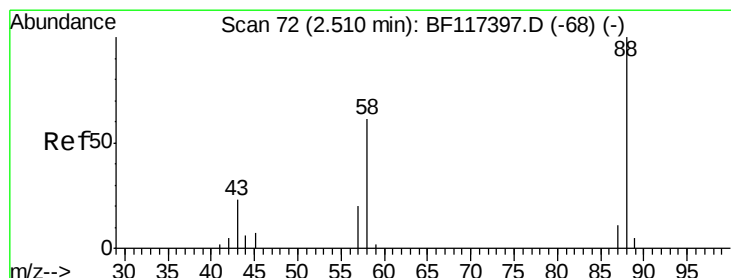
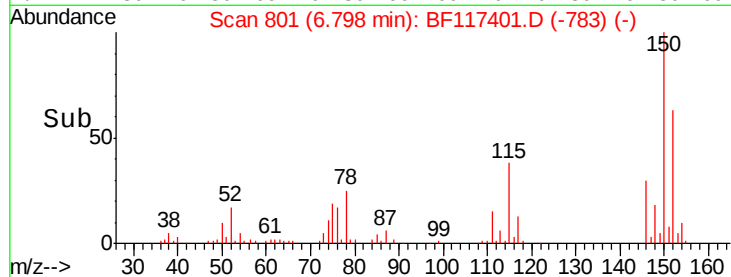
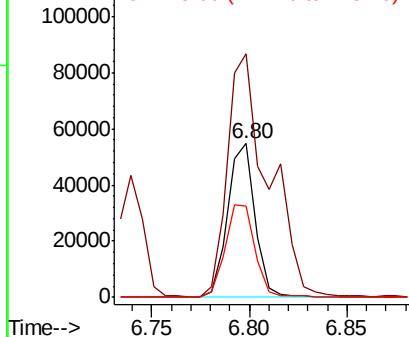


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

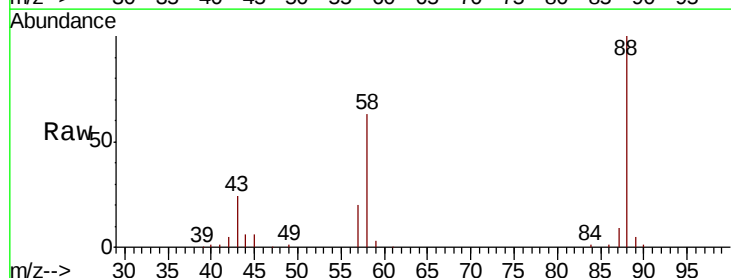
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 100.529 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	49.4	74.2
43	23.8	18.1	27.1

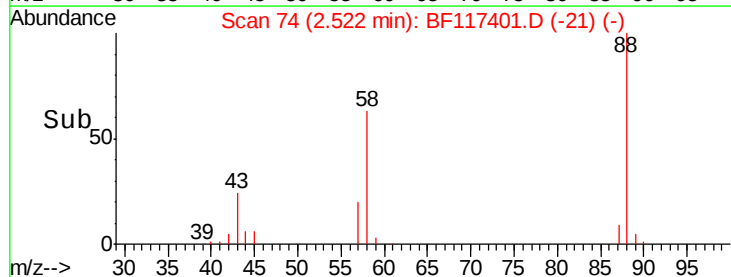
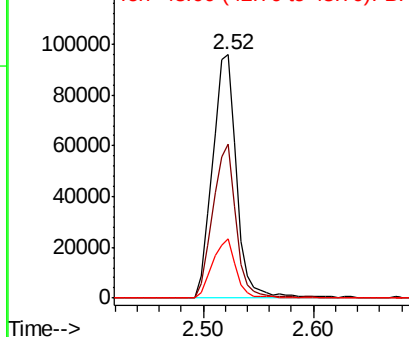


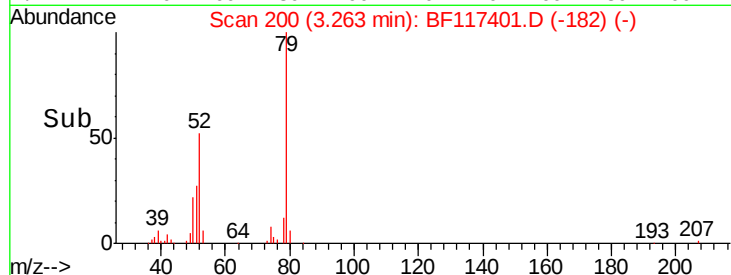
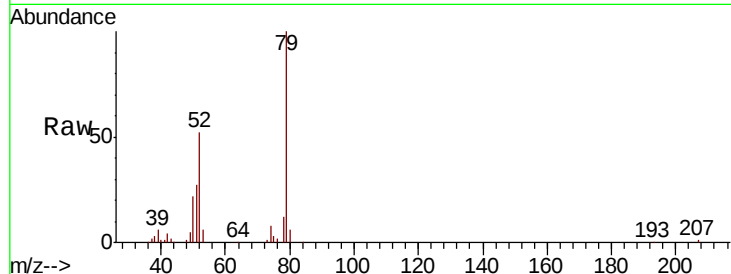
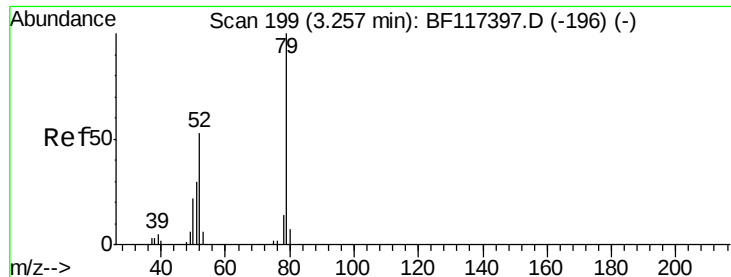
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





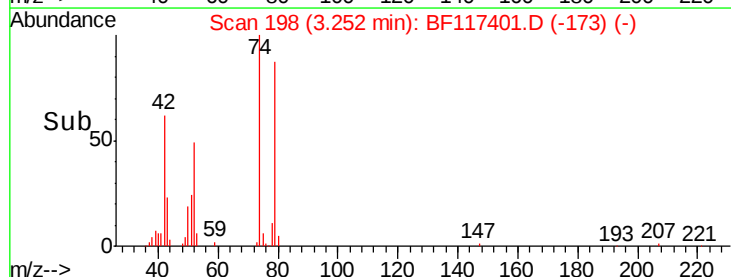
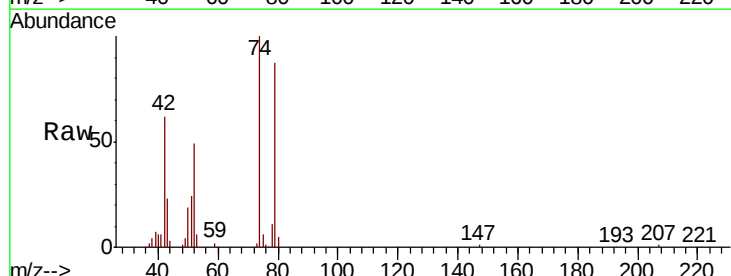
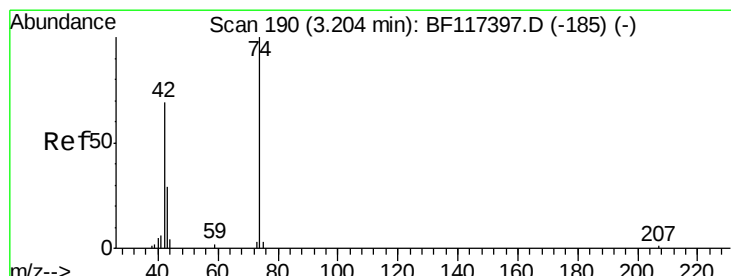
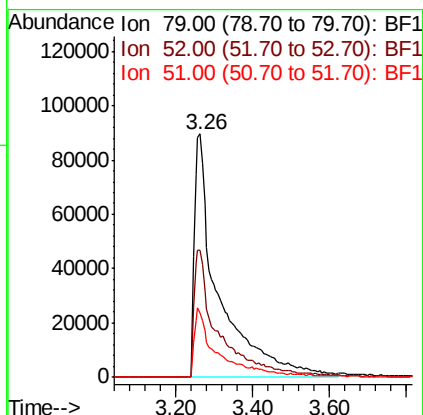
#3
Pvridine
Concen: 100.950 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.1	42.7	64.1
51	26.5	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

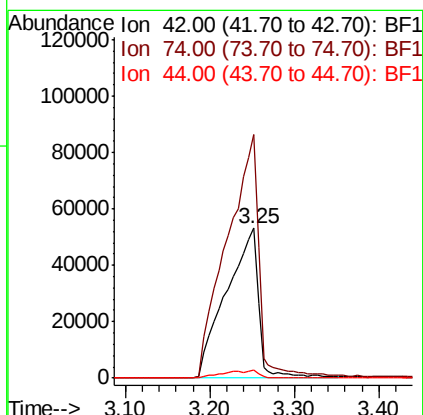
Manual Integrations
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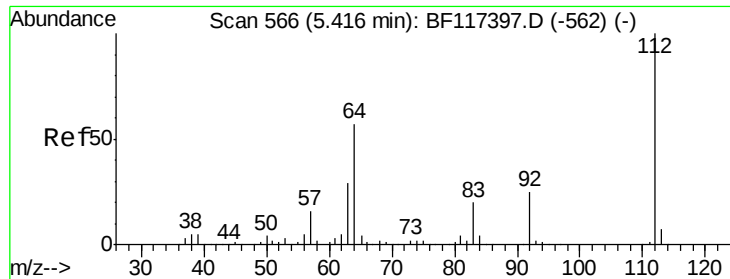
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#4
n-Nitrosodimethylamine
Concen: 105.035 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.05 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.5	116.2	174.4
44	5.6	4.2	6.4





#5

2-Fluorophenol

Concen: 198.541 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

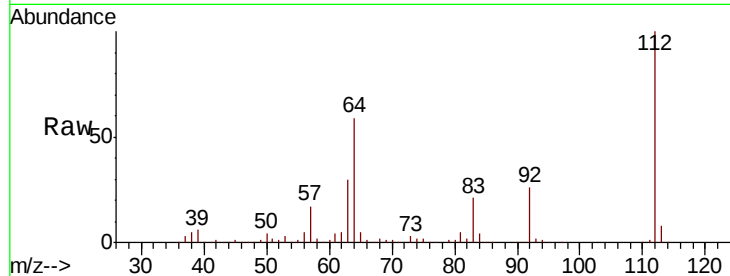
ClientSampleId :

SSTDICC100

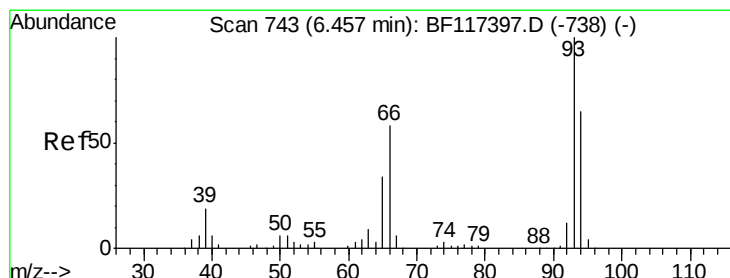
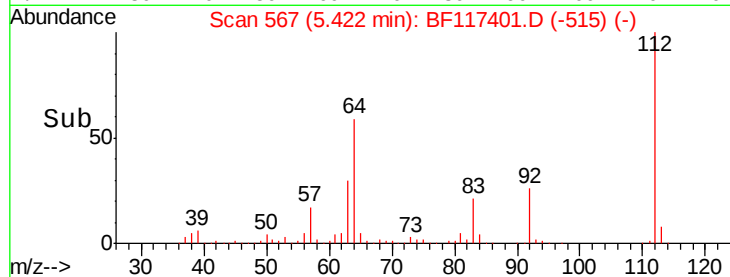
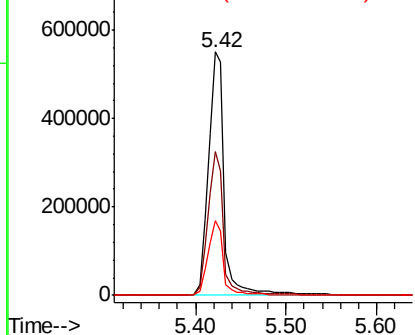
Tot Ion:	112	Resp:	679064
Ion Ratio	Lower	Upper	
112	100		
64	59.2	45.2	67.8
63	30.5	23.4	35.2

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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: 93.874 ng

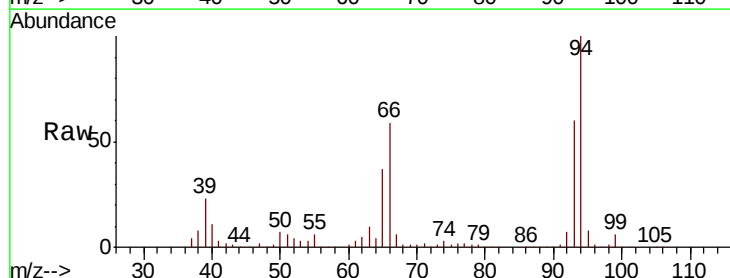
RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

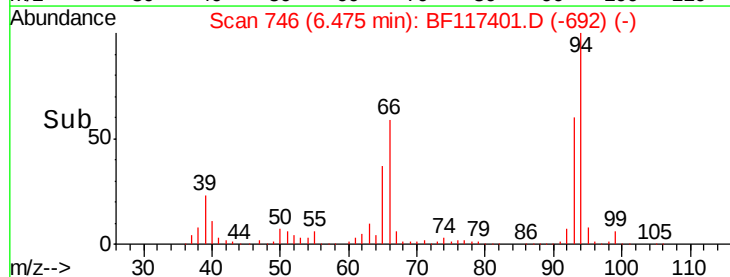
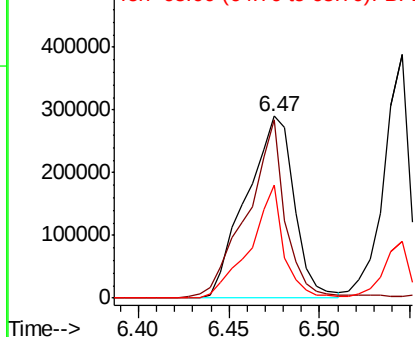
Lab File: BF117401.D

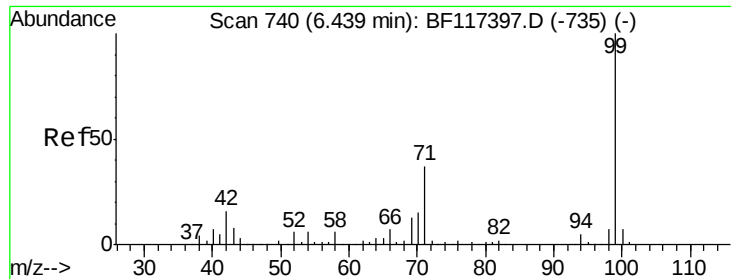
Acq: 14 Oct 2019 14:49

Tgt Ion:	93	Resp:	534243
Ion Ratio	Lower	Upper	
93	100		
66	97.9	48.4	72.6#
65	61.8	27.8	41.6#



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: 197.989 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

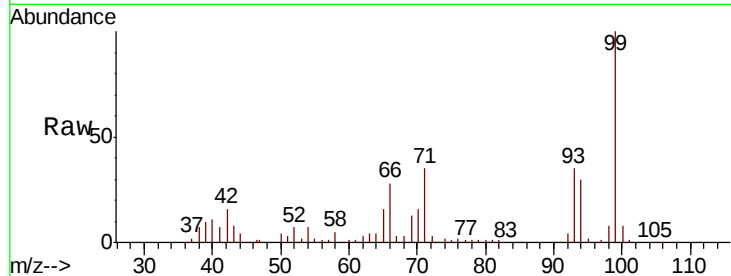
ClientSampleId :

SSTDICC100

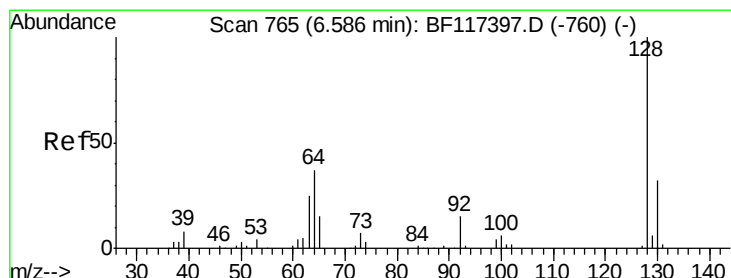
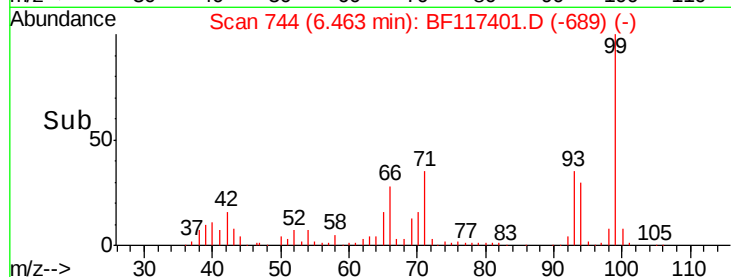
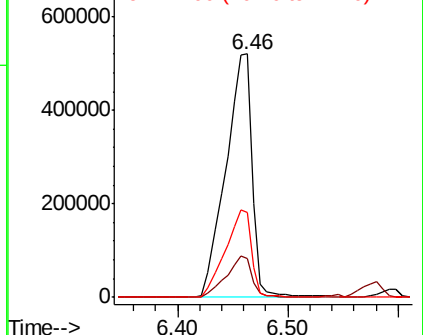
Tot Ion:	99	Resp:	875159
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.5	18.7
71	35.0	29.2	43.8

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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: 99.787 ng

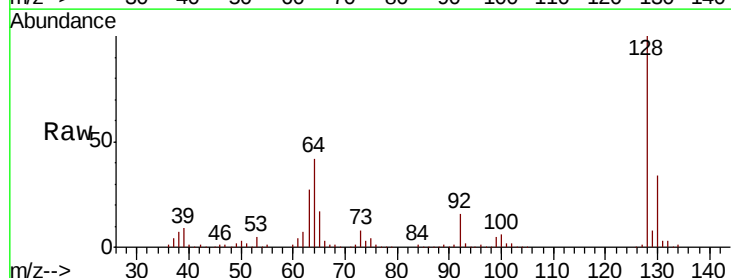
RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

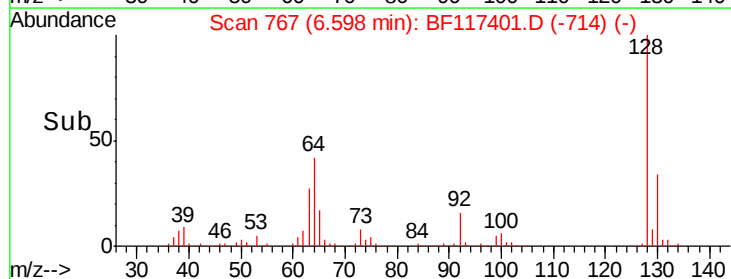
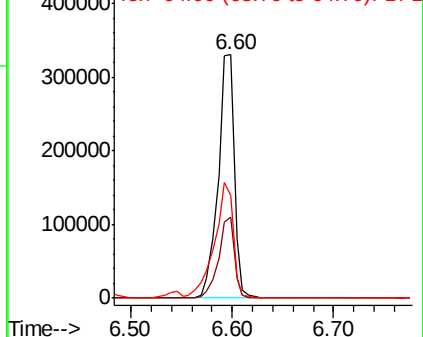
Lab File: BF117401.D

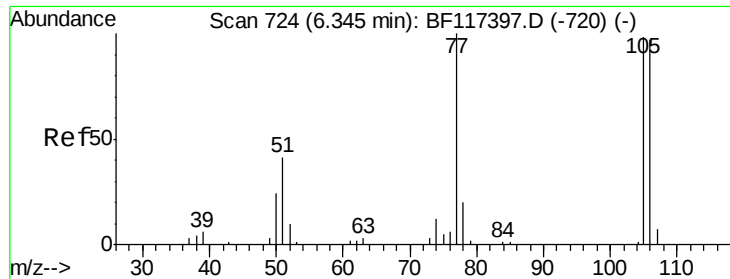
Acq: 14 Oct 2019 14:49

Tgt Ion:	128	Resp:	368196
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.7	51.7
64	42.4	20.4	60.4



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: 66.428 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

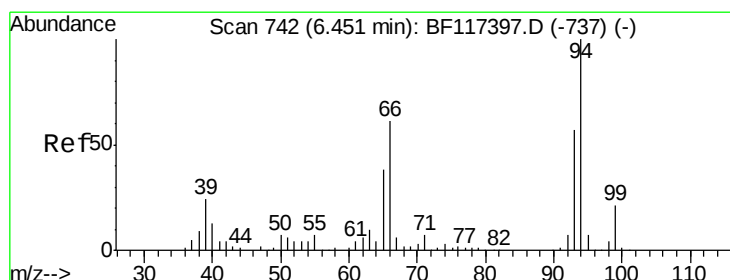
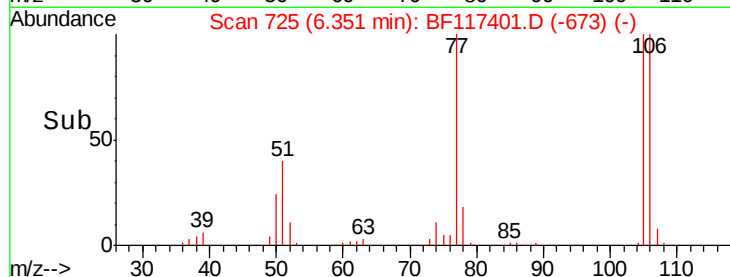
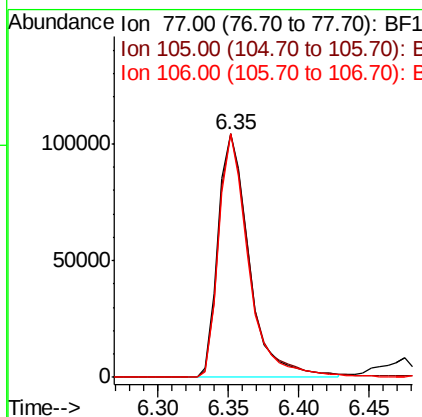
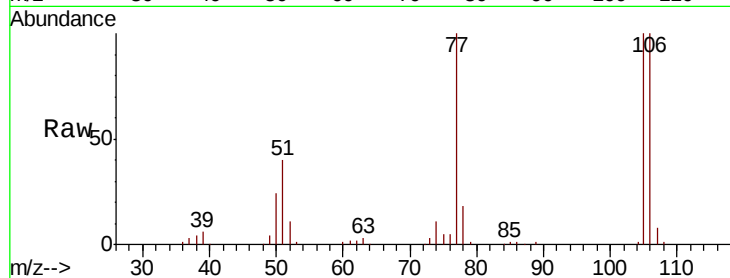
ClientSampled :

SSTDICC100

Tot Ion:	77	Resp:	160328
Ion	Ratio	Lower	Upper
77	100		
105	100.1	77.9	117.9
106	100.0	77.2	117.2

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#10

Phenol

Concen: 101.200 ng

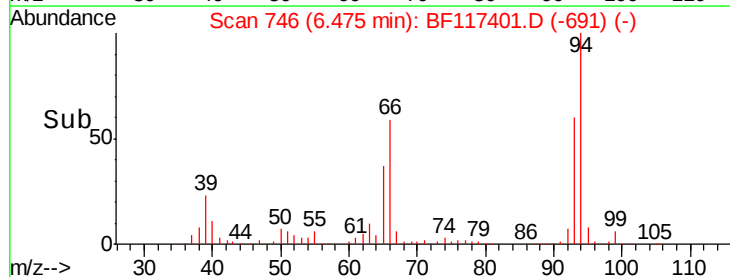
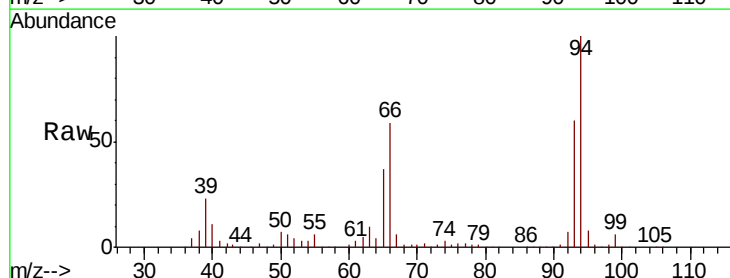
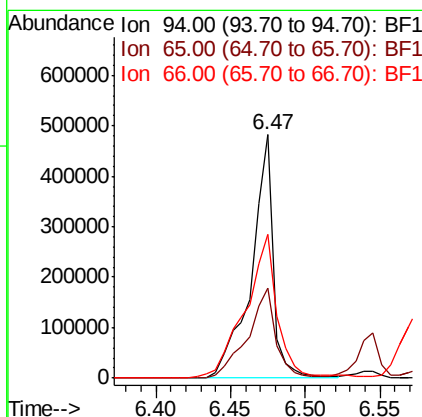
RT: 6.47 min Scan# 746

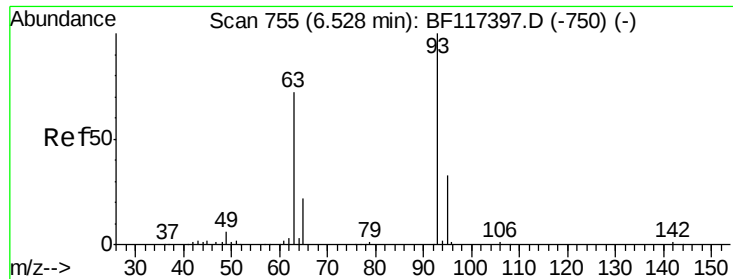
Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Tgt Ion:	94	Resp:	493139
Ion	Ratio	Lower	Upper
94	100		
65	37.2	18.2	58.2
66	58.9	41.1	81.1





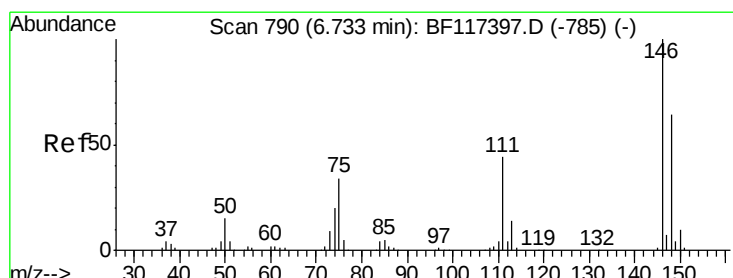
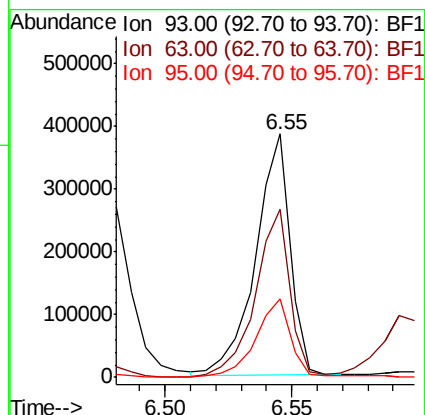
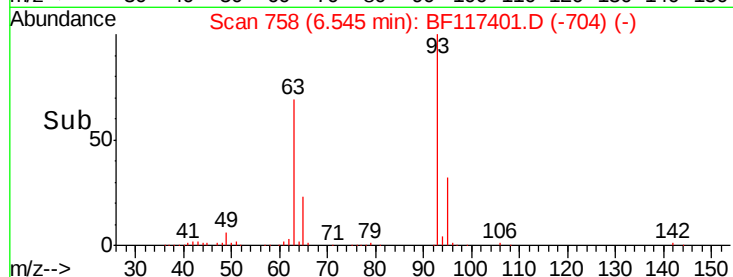
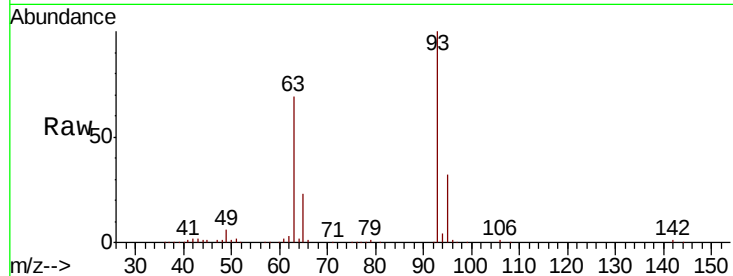
#11
bis(2-Chloroethyl)ether
Concen: 103.017 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion:	93	Resp:	368948
Ion Ratio	Lower	Upper	
93	100		
63	68.8	50.9	90.9
95	32.0	12.4	52.4

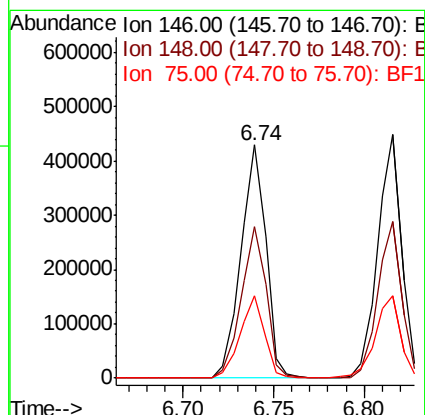
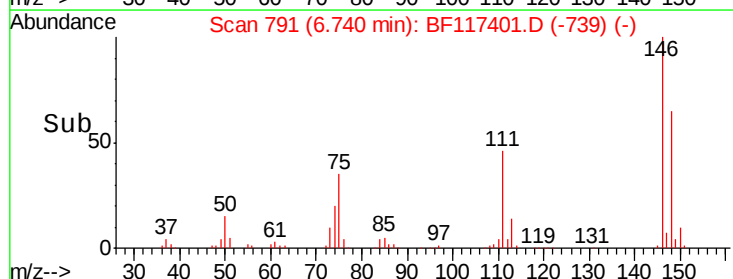
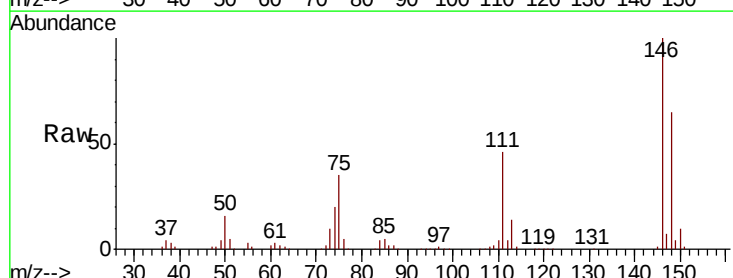
Manual Integrations
APPROVED

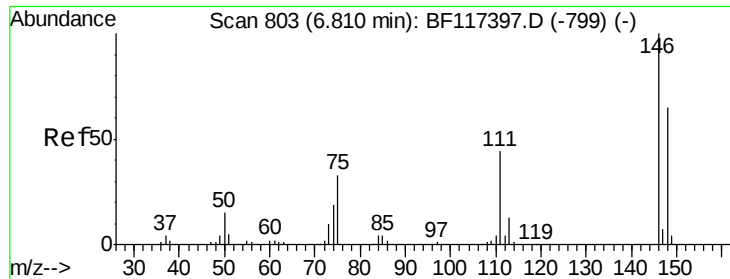
mohammad
10/16/2019 8:10:27 AM



#12
1,3-Dichlorobenzene
Concen: 99.702 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion:	146	Resp:	412811
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
75	35.4	27.4	41.2





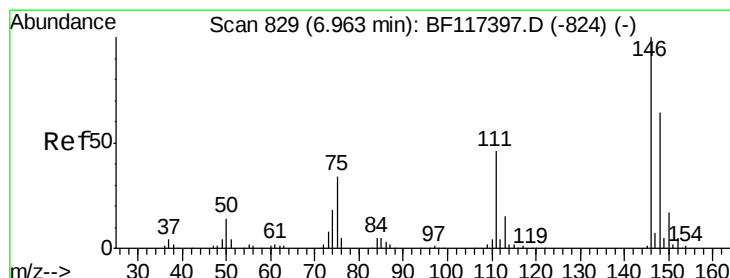
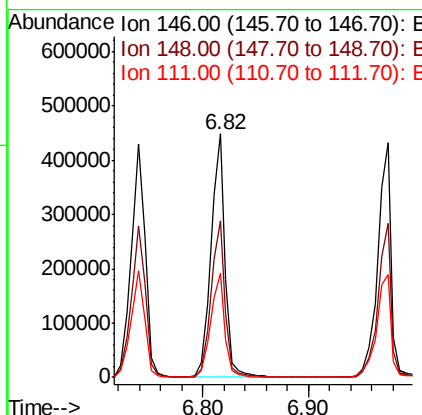
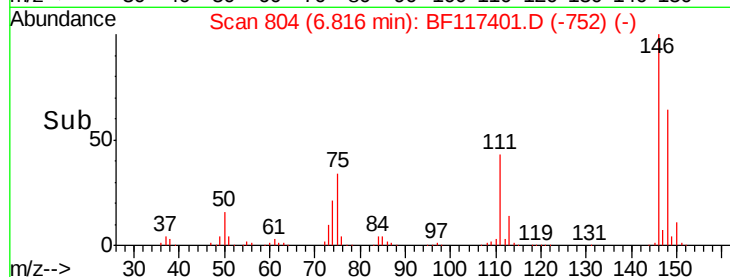
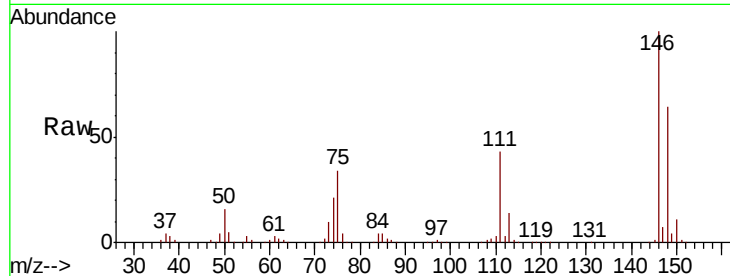
#13
1,4-Dichlorobenzene
Concen: 99.619 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.7	35.7	53.5

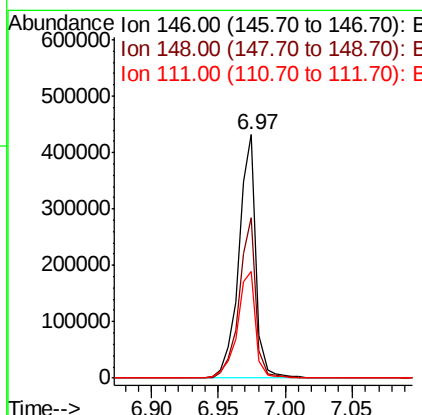
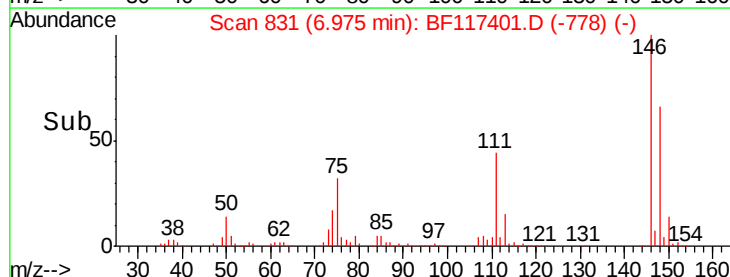
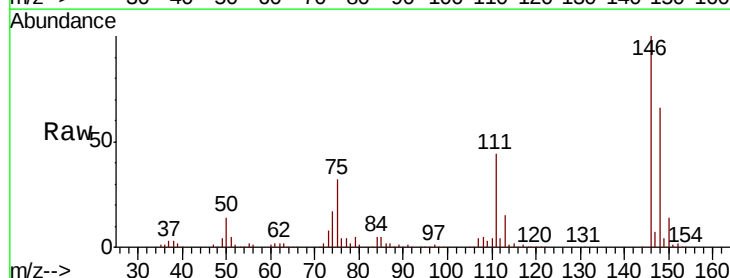
Manual Integrations
APPROVED

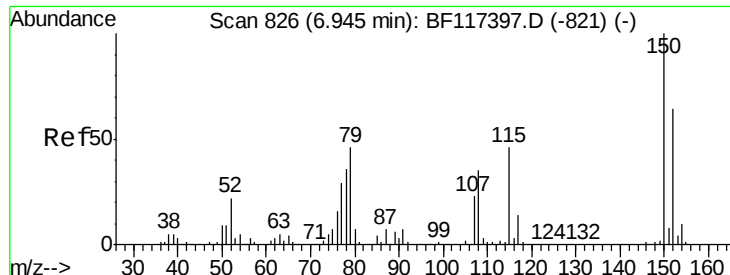
mohammad
10/16/2019 8:10:27 AM



#14
1,2-Dichlorobenzene
Concen: 98.304 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
111	44.0	36.5	54.7





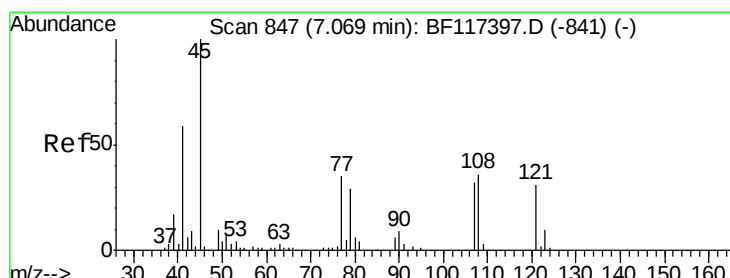
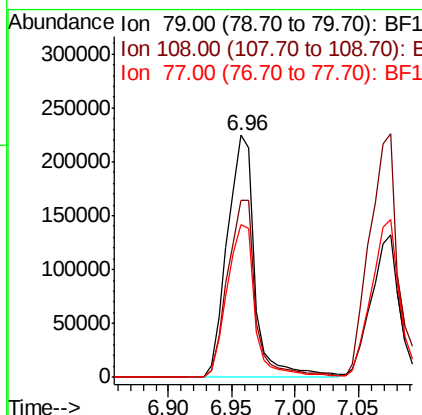
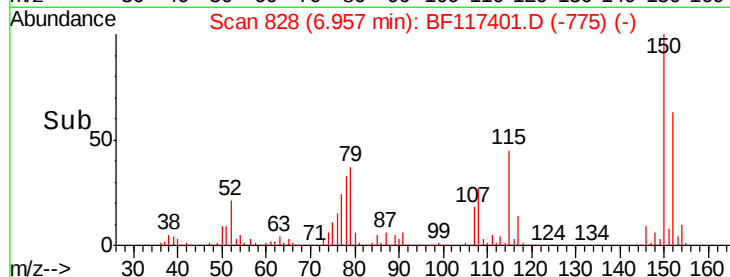
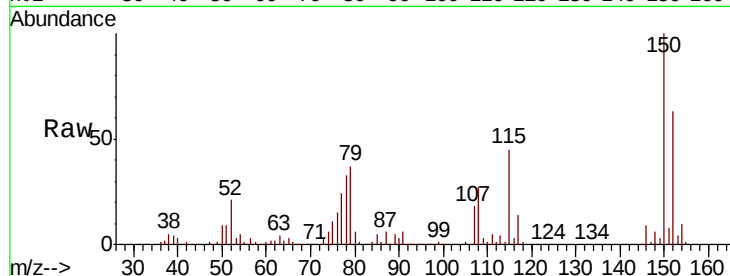
#15
Benzyl Alcohol
Concen: 99.514 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.4	90.6
77	63.2	50.6	76.0

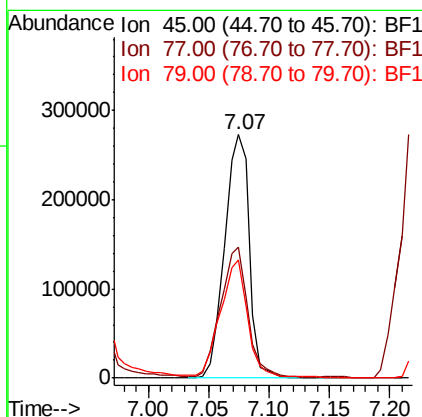
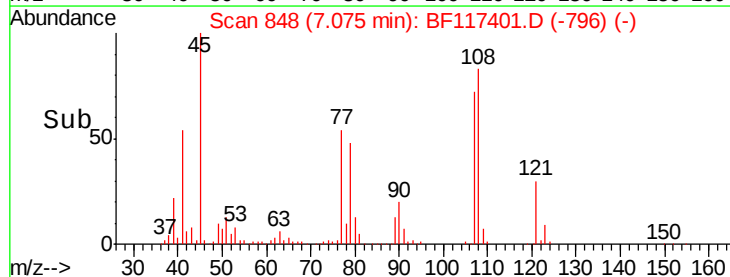
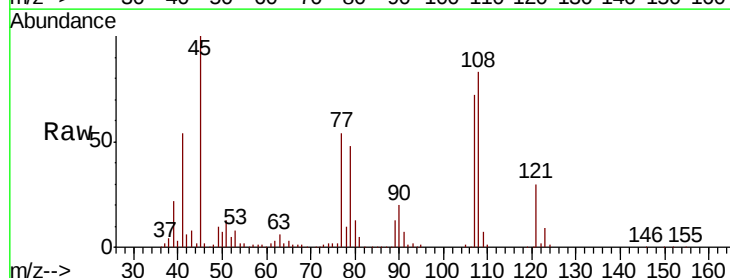
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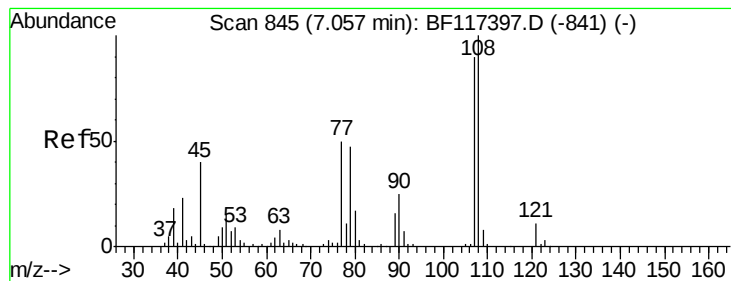
mohammad
10/16/2019 8:10:27 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 108.934 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	53.9	15.9	55.9
79	48.3	10.7	50.7





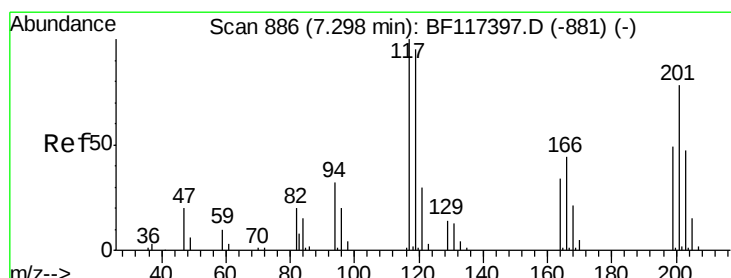
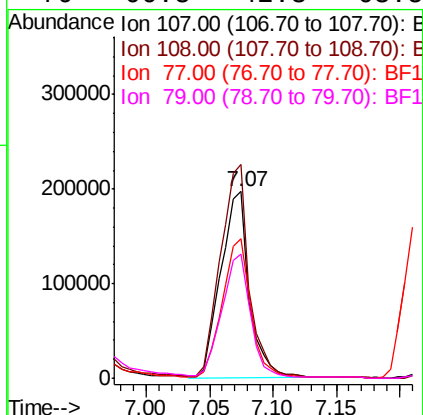
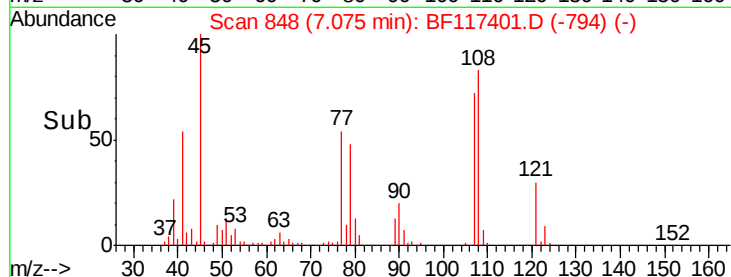
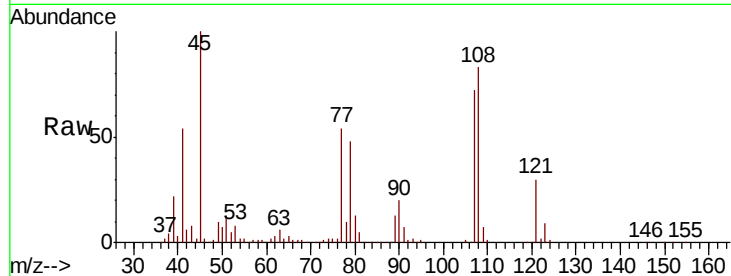
#17
2-Methylphenol
Concen: 98.898 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	89.4	134.2	
77	74.4	45.1	67.7	
79	66.8	42.3	63.5	

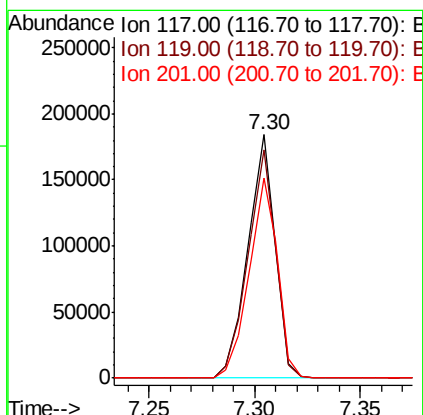
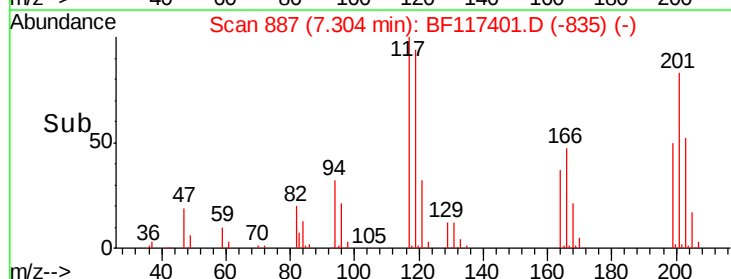
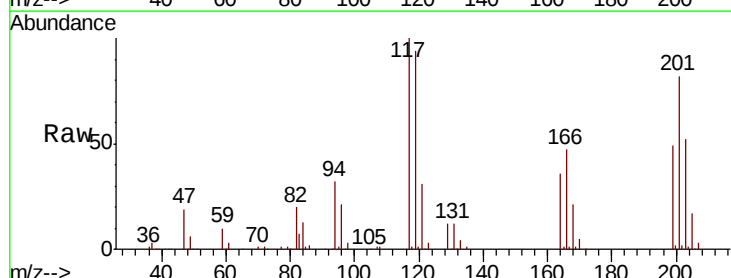
Manual Integrations
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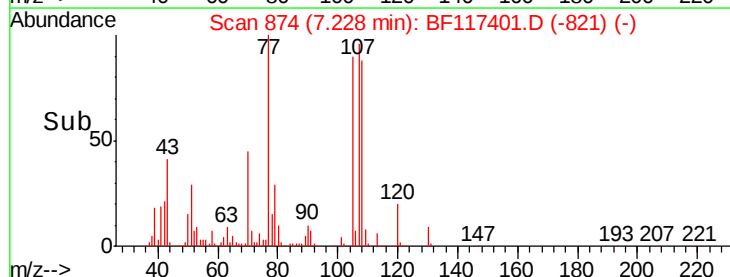
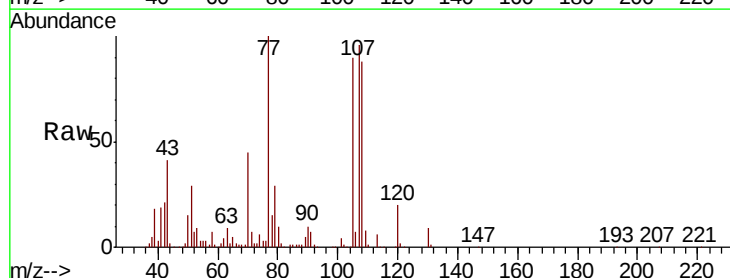
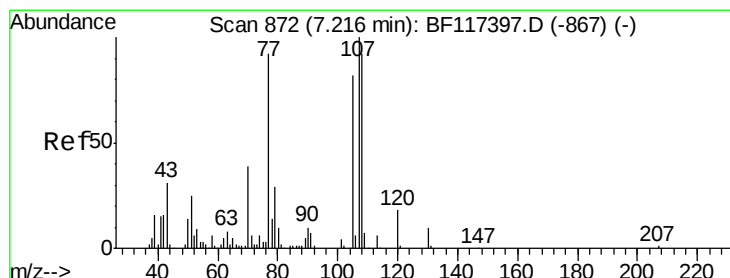
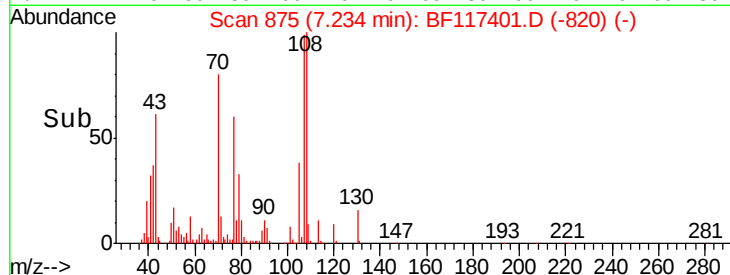
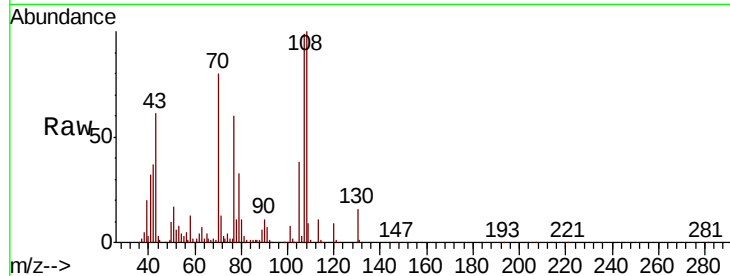
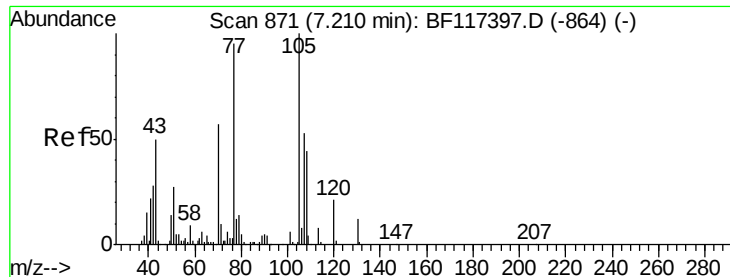
mohammad
10/16/2019 8:10:27 AM



#18
Hexachloroethane
Concen: 101.699 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.7	113.5	
201	82.3	62.2	93.4	





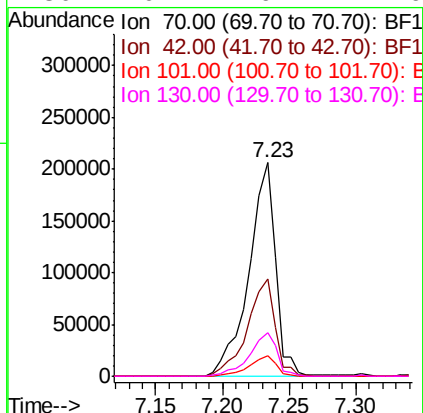
#19
n-Nitroso-di-n-propylamine
Concen: 105.916 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.6	39.8	59.8
101	9.6	8.1	12.1
130	20.4	16.4	24.6

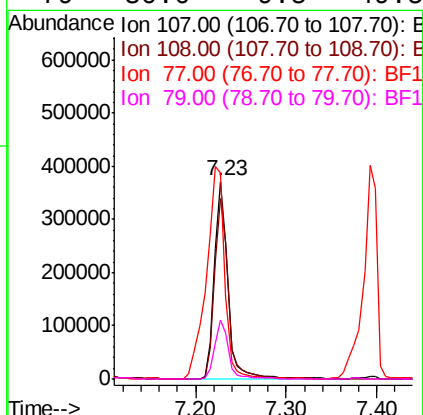
Manual Integrations
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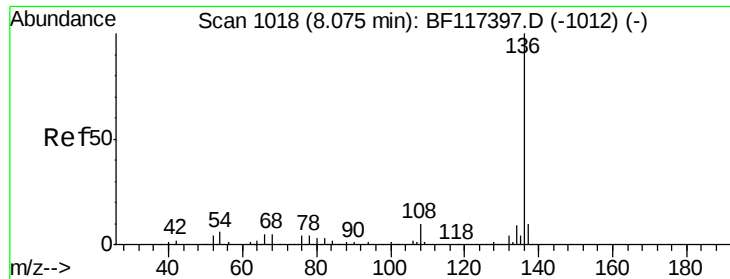
mohammad
10/16/2019 8:10:27 AM



#20
3+4-Methylphenols
Concen: 99.807 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.8	111.8
77	104.1	72.7	112.7
79	30.0	9.5	49.5





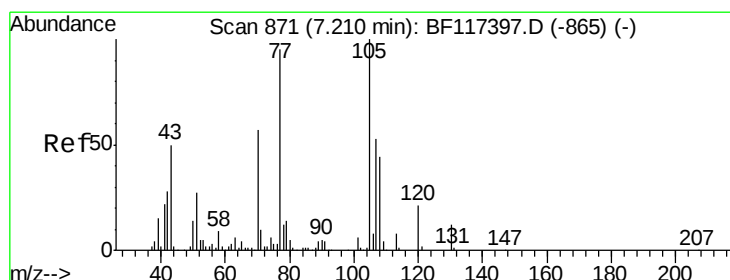
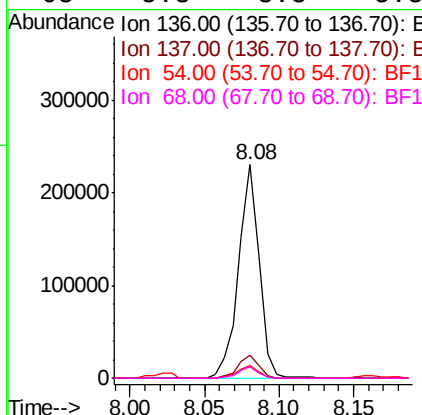
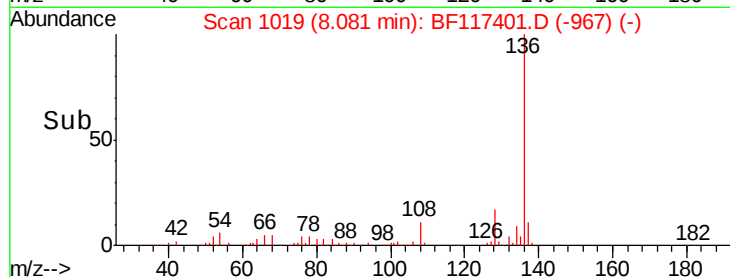
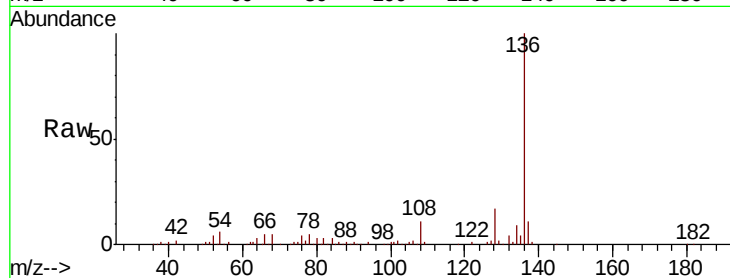
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	5.8	4.6	6.8	
68	5.3	3.8	5.8	

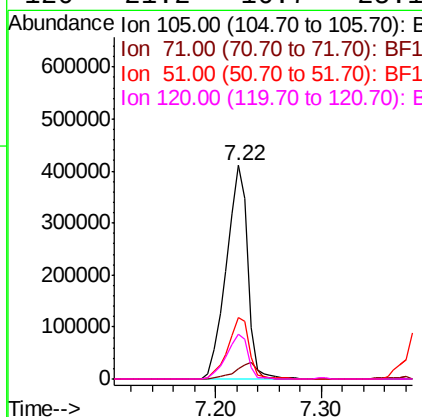
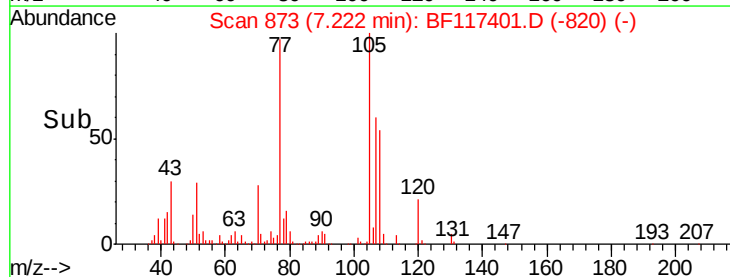
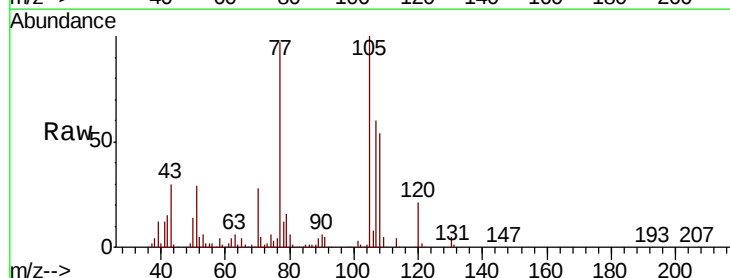
Manual Integrations
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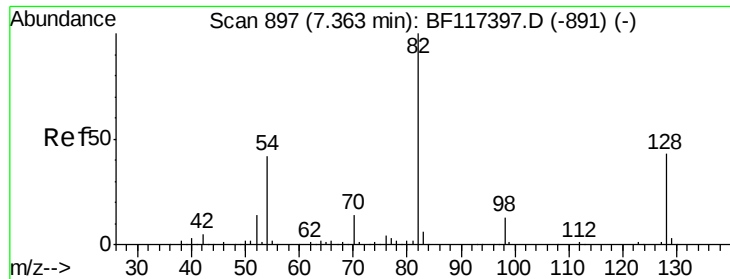
mohammad
10/16/2019 8:10:27 AM



#22
Acetophenone
Concen: 100.824 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	7.8	11.6#	
51	28.6	21.5	32.3	
120	21.2	16.7	25.1	





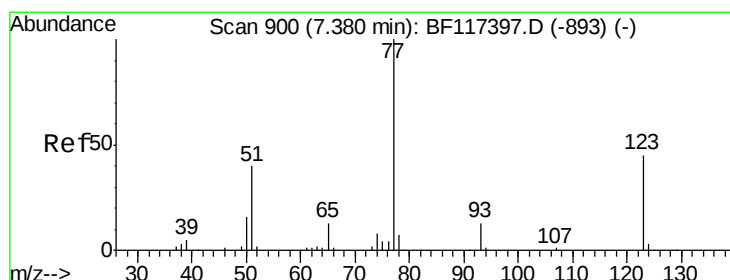
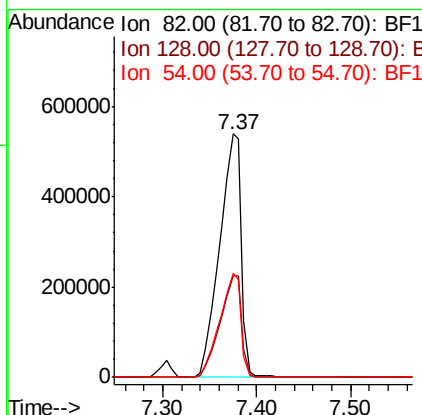
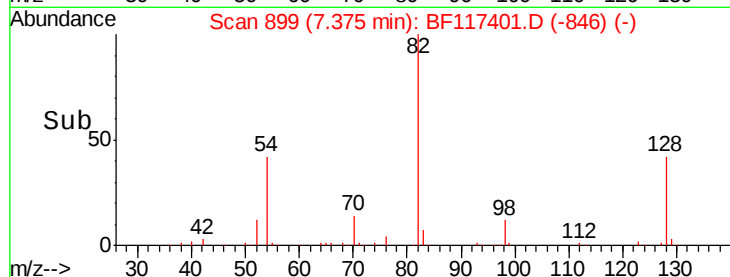
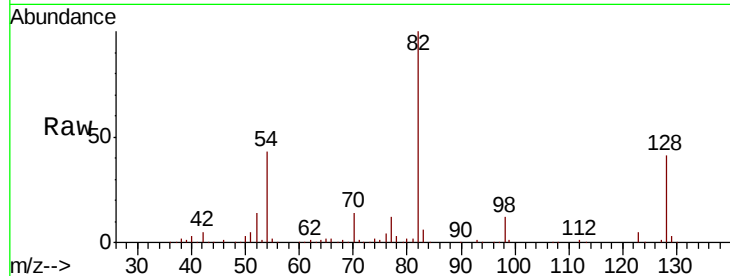
#23
Nitrobenzene-d5
Concen: 204.091 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
82	100	868197		
128	41.5	34.1	51.1	
54	42.8	33.3	49.9	

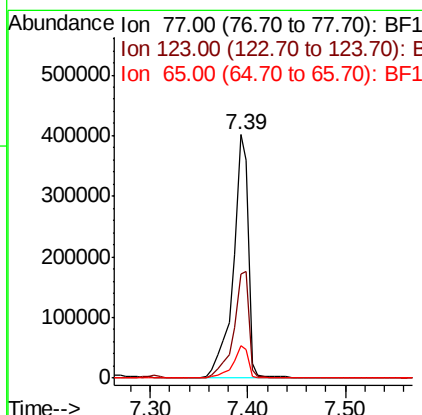
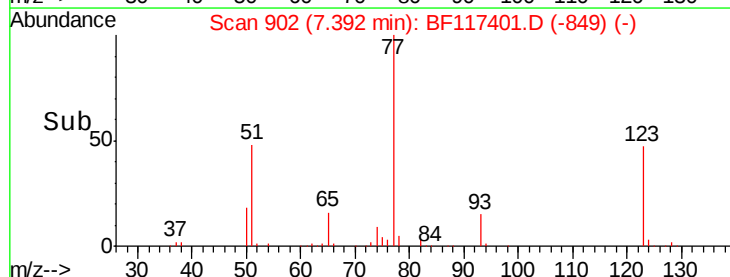
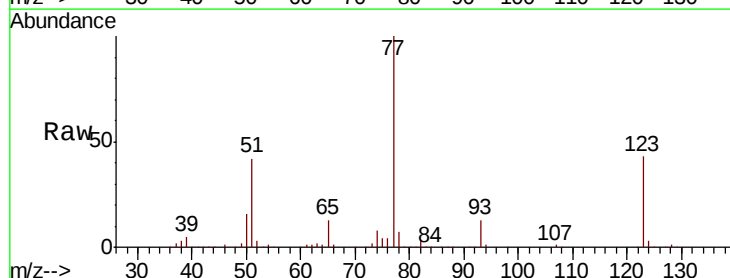
Manual Integrations
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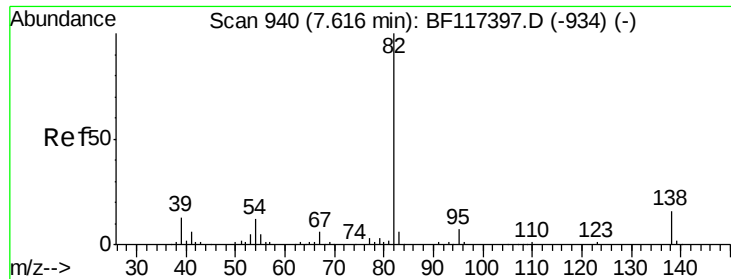
mohammad
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#24
Nitrobenzene
Concen: 102.126 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	429025		
123	42.7	35.8	53.8	
65	13.3	10.1	15.1	





#25

Isophorone

Concen: 102.510 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

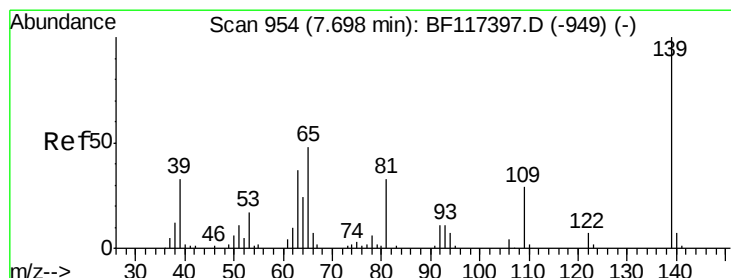
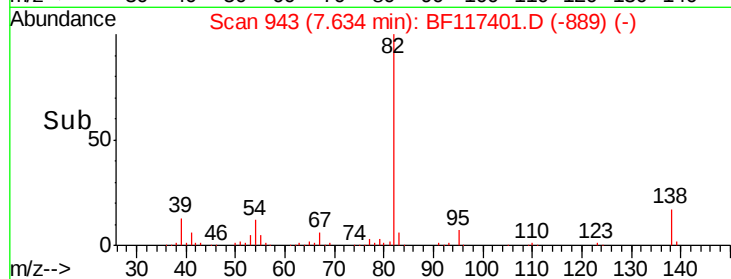
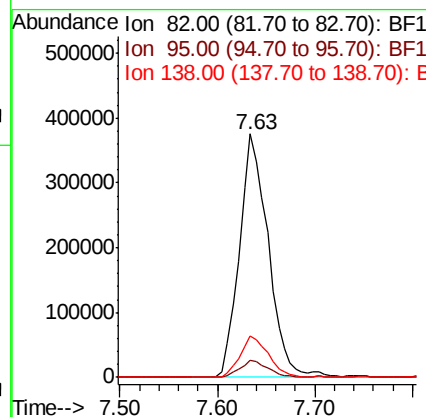
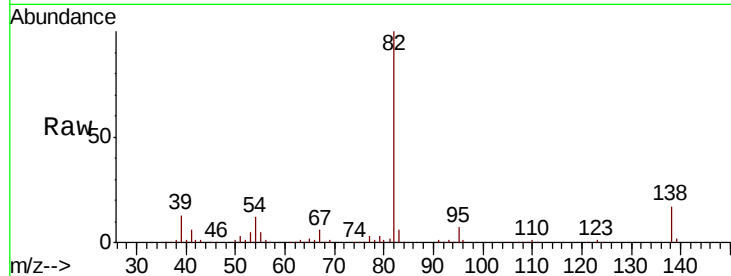
ClientSampleId :

SSTDIC100

Tot Ion:	82	Resp:	772104
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	16.9	13.0	19.4

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 109.087 ng

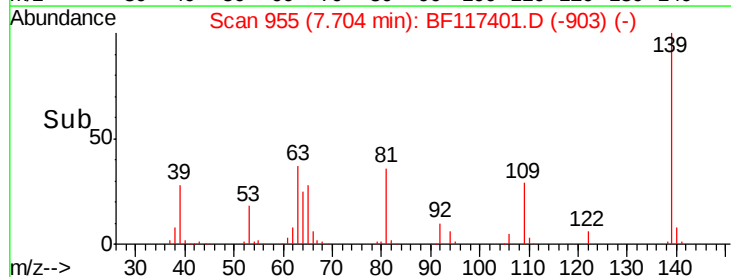
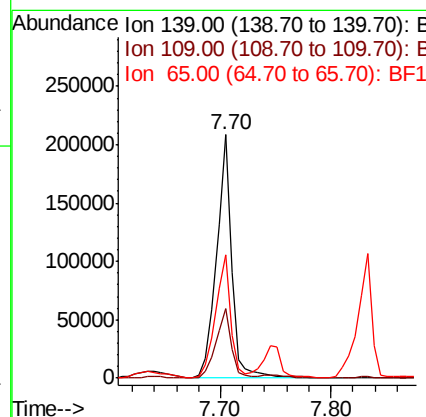
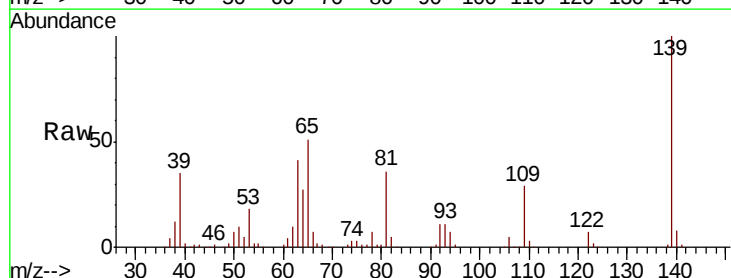
RT: 7.70 min Scan# 955

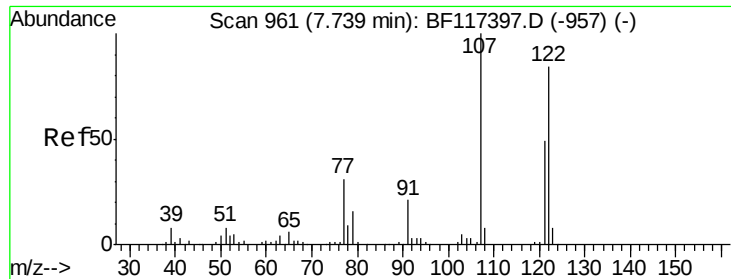
Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Tgt Ion:	139	Resp:	196843
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.1	34.7
65	50.5	38.2	57.4





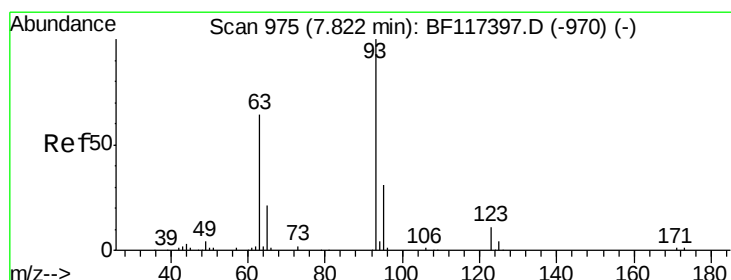
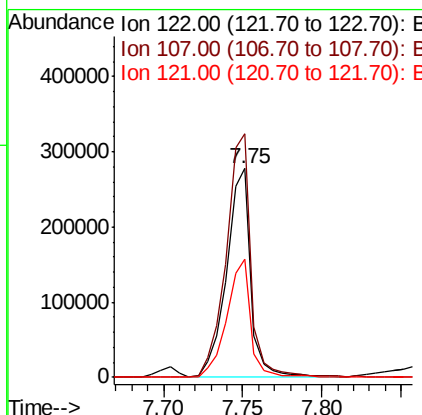
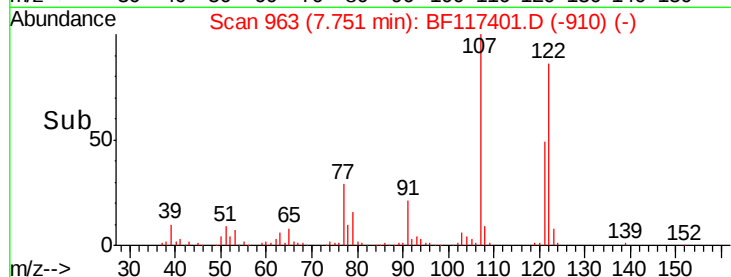
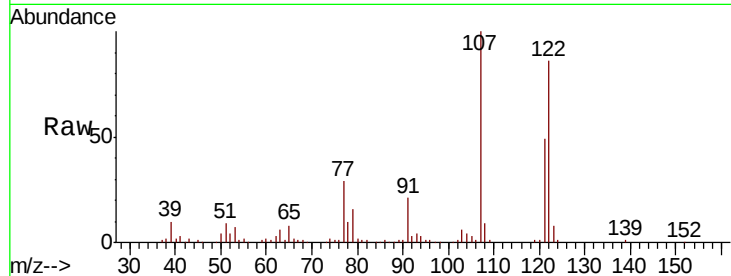
#27
2,4-Dimethylphenol
Concen: 102.172 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
122	100	292365		
107	116.7	95.0	142.6	
121	56.6	46.6	69.8	

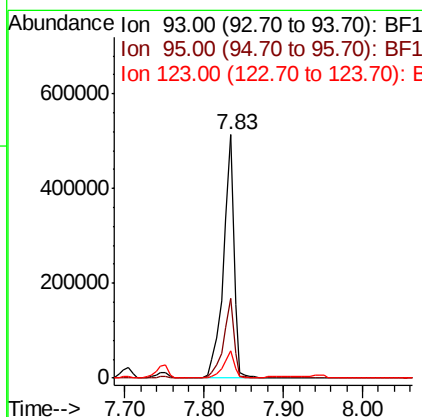
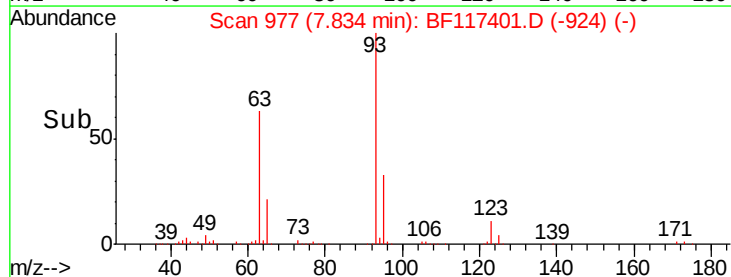
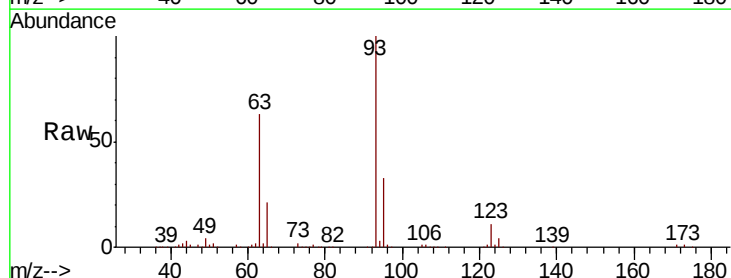
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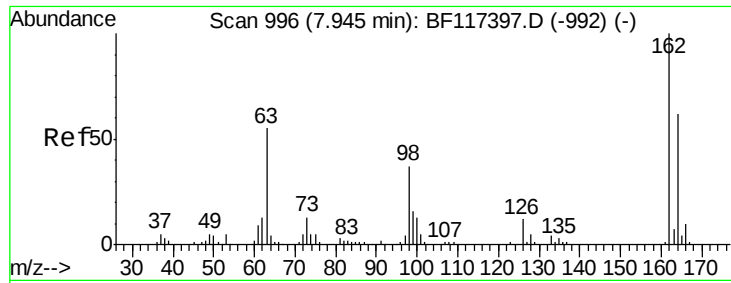
mohammad
10/16/2019 8:10:27 AM



#28
bis(2-Chloroethoxy)methane
Concen: 101.997 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473322		
95	32.8	25.1	37.7	
123	11.2	8.6	12.8	





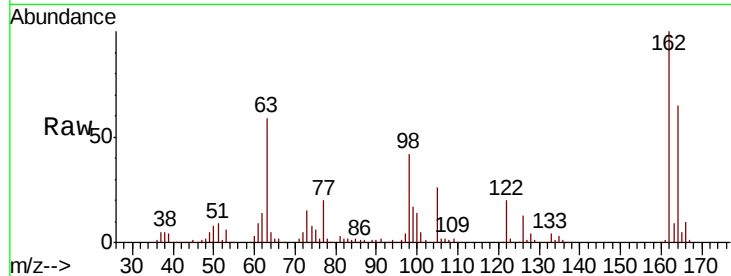
#29
2,4-Dichlorophenol
Concen: 99.429 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
162	100	298120		
164	64.7	42.2	82.2	
98	41.9	17.4	57.4	

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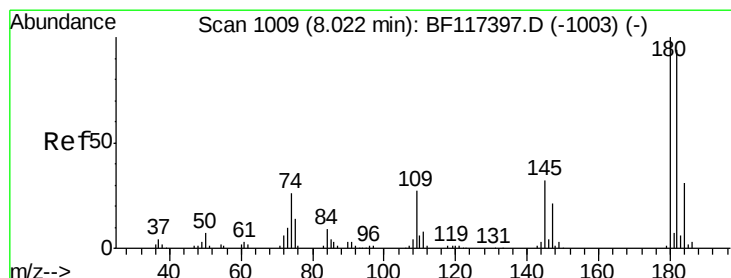
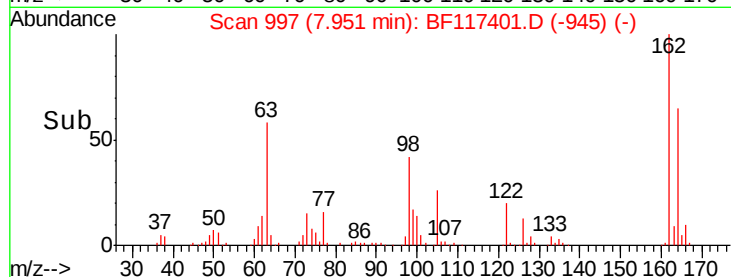
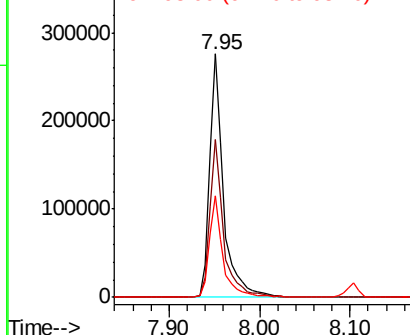


Abundance

Ion 162.00 (161.70 to 162.70): E

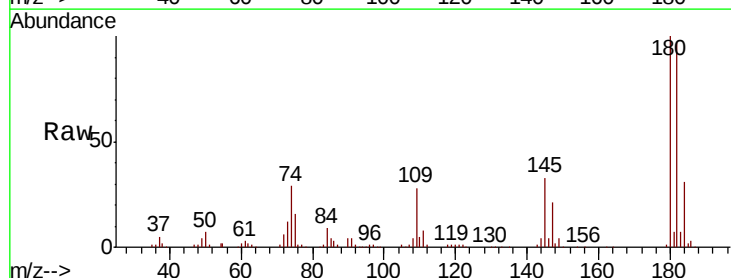
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 98.510 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	319104		
182	96.7	75.4	113.2	
145	33.0	25.5	38.3	

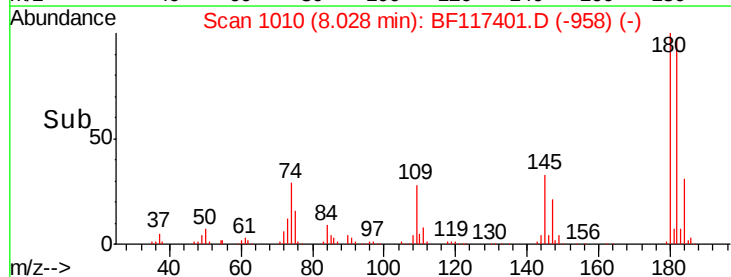
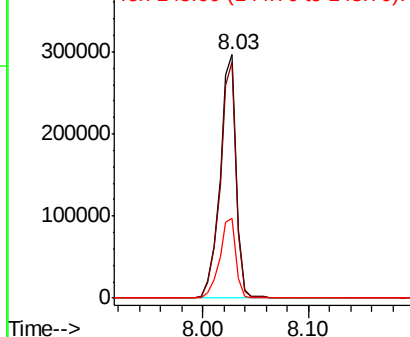


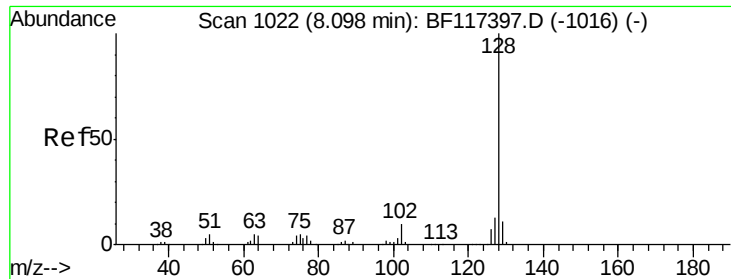
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





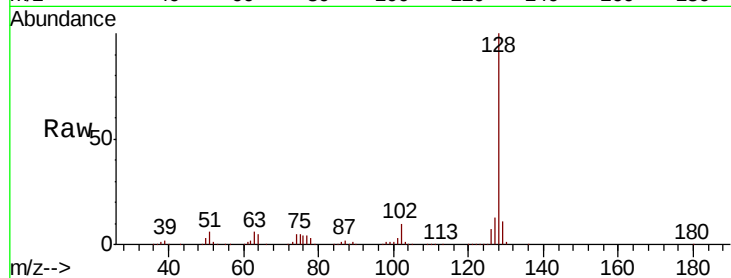
#31
Naphthalene
Concen: 99.712 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.4	10.4	15.6

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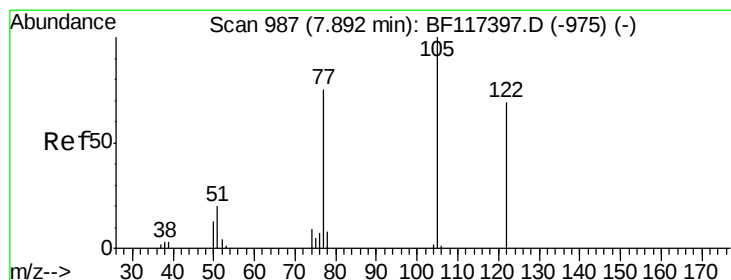
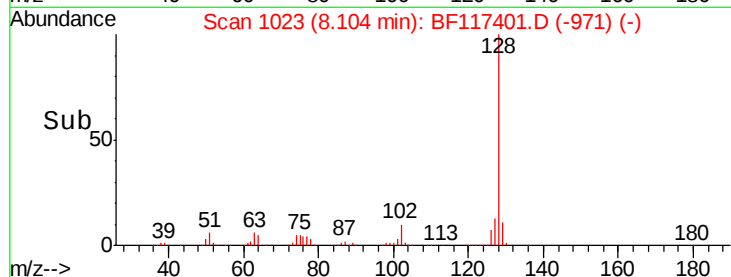
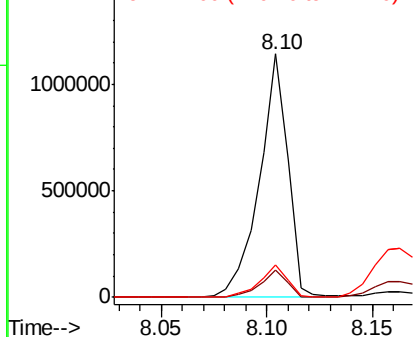


Abundance

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: 109.509 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.06 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

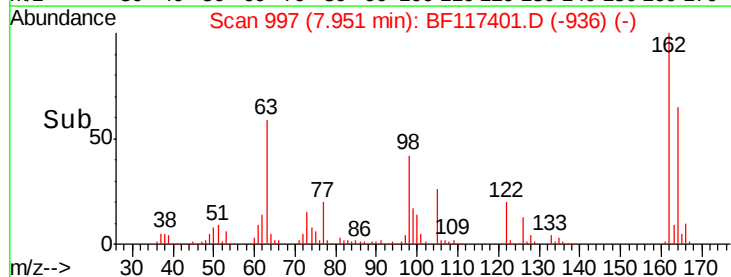
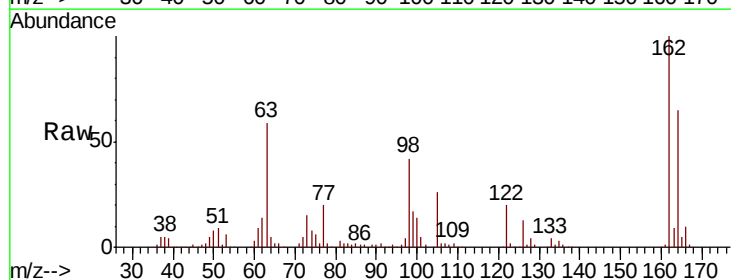
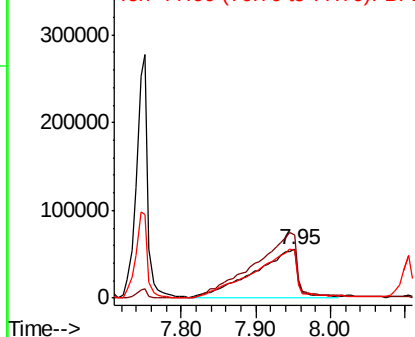
Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	121.5	161.5
77	98.7	88.3	128.3

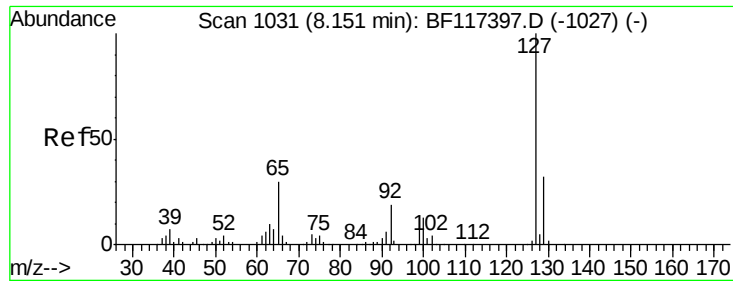
Abundance

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





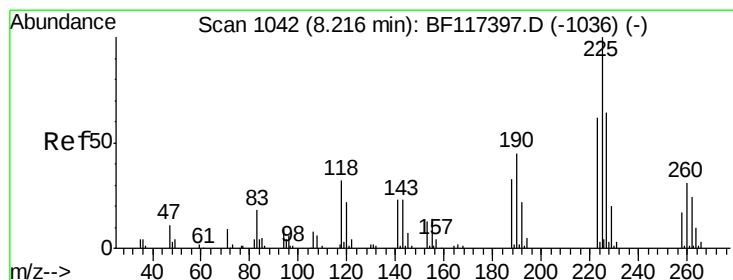
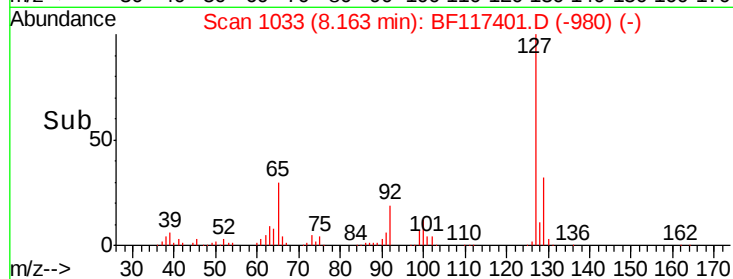
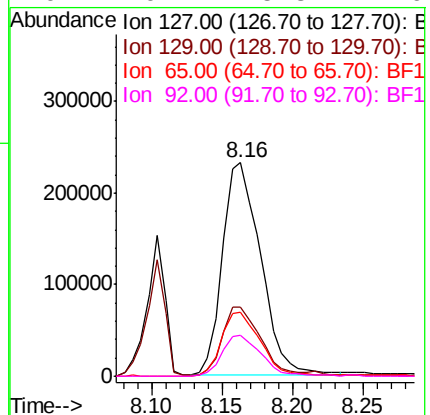
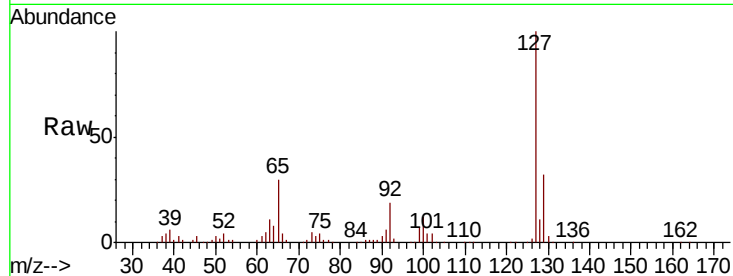
#33
4-Chloroaniline
Concen: 91.591 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		436687		
129	32.1	25.4	38.0		
65	30.2	23.8	35.8		
92	19.1	15.3	22.9		

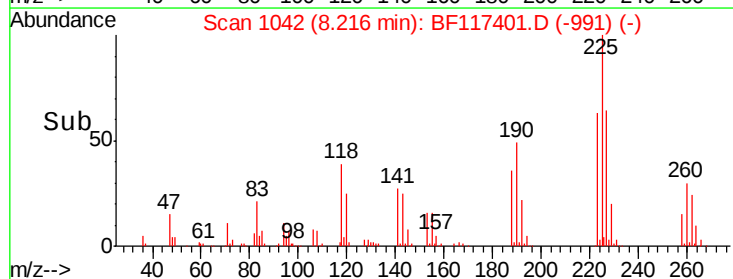
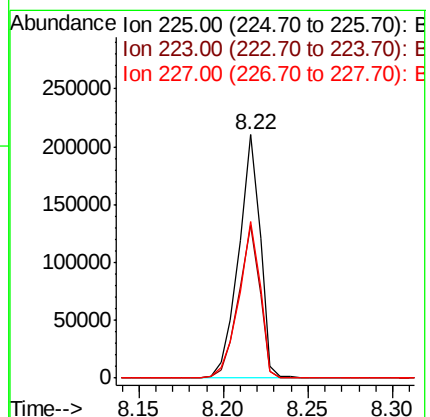
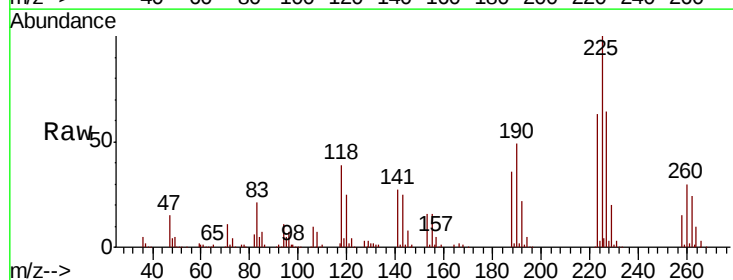
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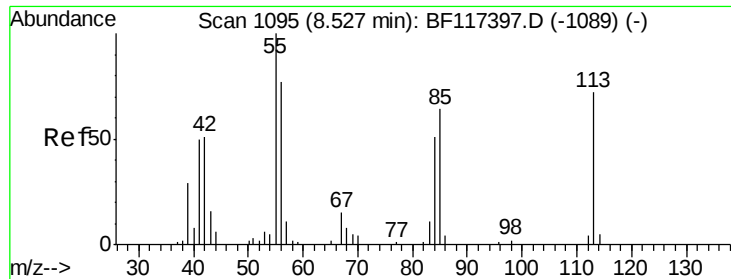
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#34
Hexachlorobutadiene
Concen: 101.490 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		186520		
223	62.6	49.7	74.5		
227	64.1	50.9	76.3		





#35

Caprolactam

Concen: 89.271 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. 0.05 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

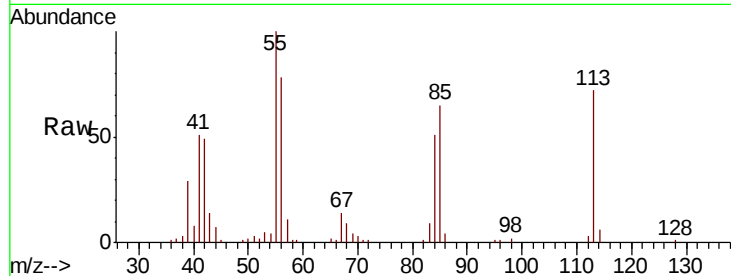
ClientSampleID :

SSTDICC100

Tot Ion:	113	Resp:	90598
Ion Ratio	Lower	Upper	
113	100		
55	139.6	118.5	158.5
56	108.3	86.7	126.7

Manual Integrations
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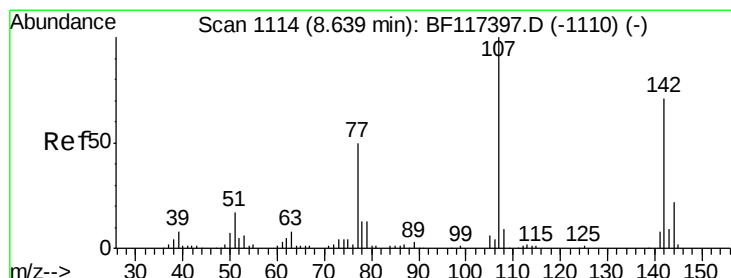
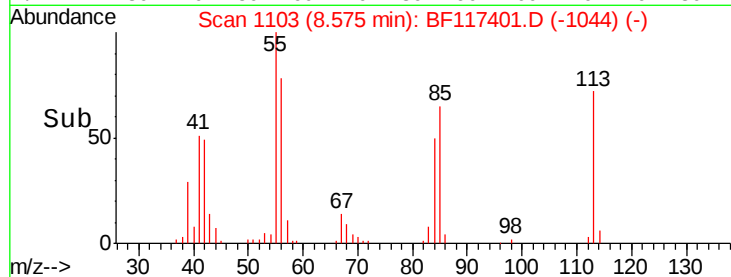
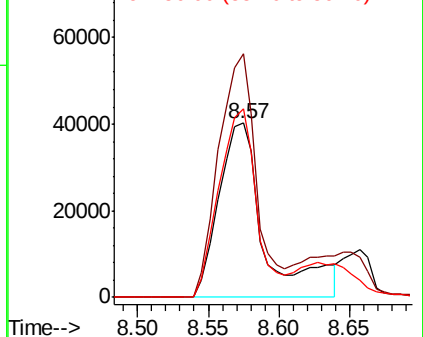
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 97.104 ng/mL

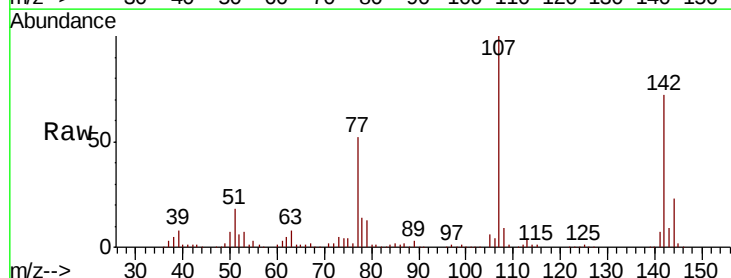
RT: 8.66 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

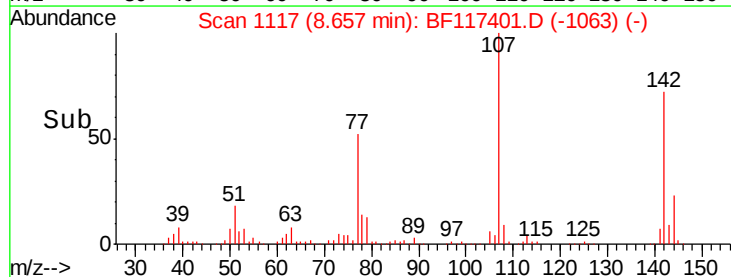
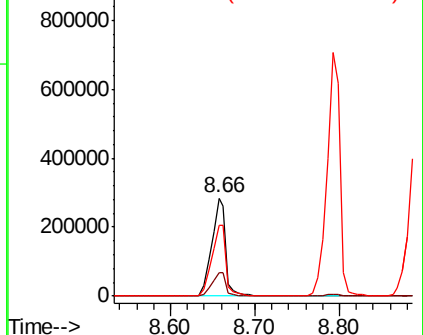
Tgt Ion:	107	Resp:	339488
Ion Ratio	Lower	Upper	
107	100		
144	23.4	17.9	26.9
142	72.0	56.9	85.3

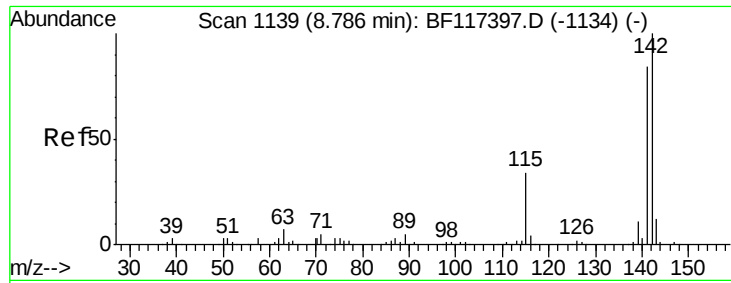


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





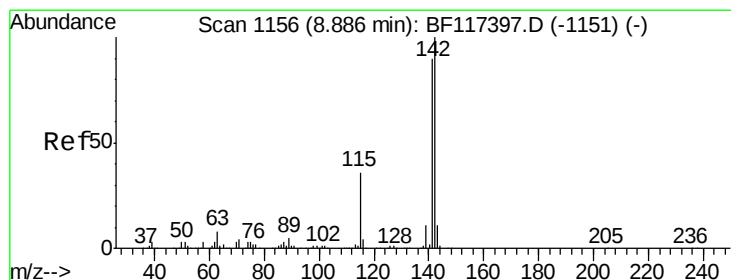
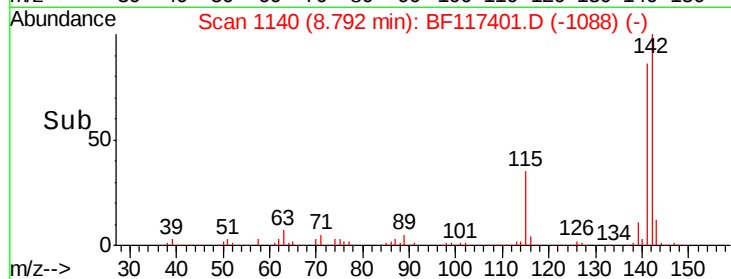
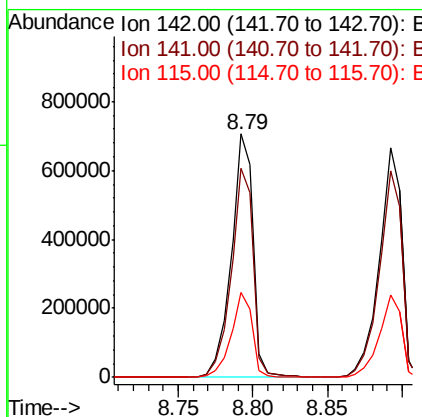
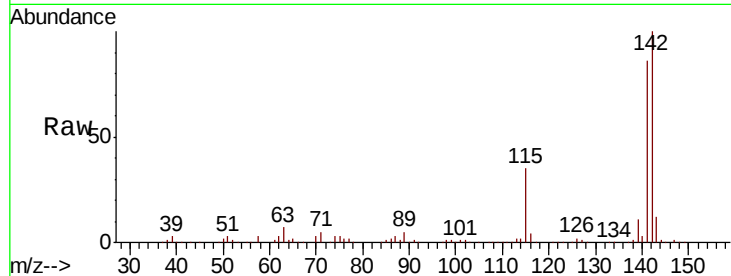
#37
2-Methylnaphthalene
Concen: 100.205 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	67.2	100.8
115	34.7	26.9	40.3

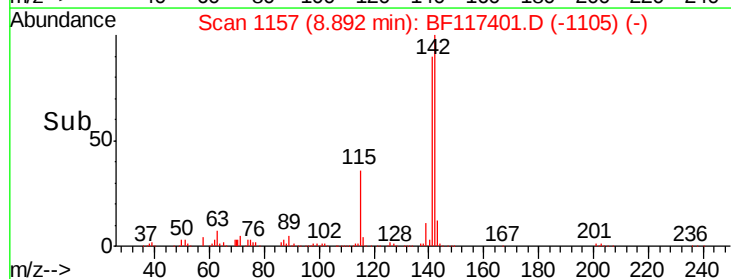
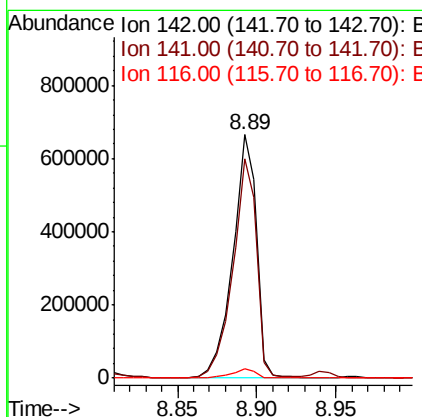
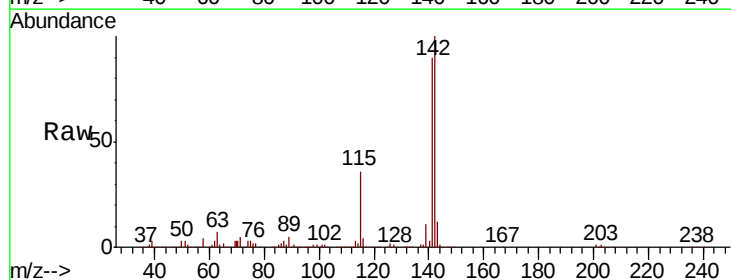
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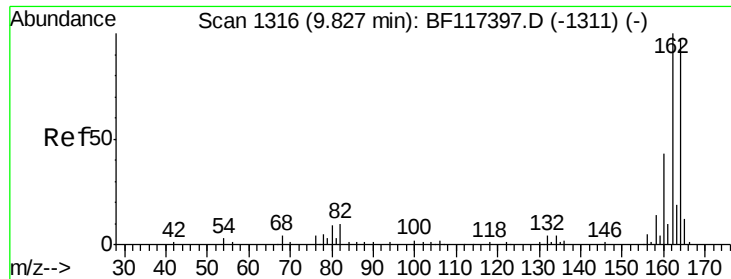
mohammad
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#38
1-Methylnaphthalene
Concen: 100.528 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8
116	4.0	2.9	4.3





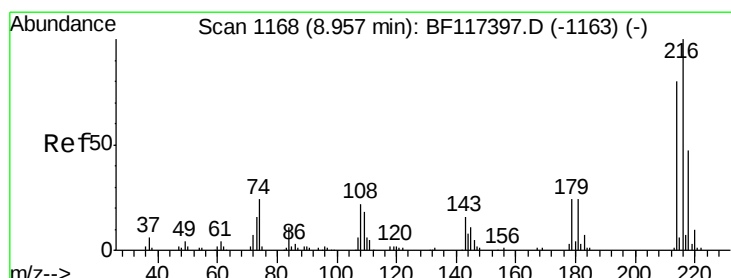
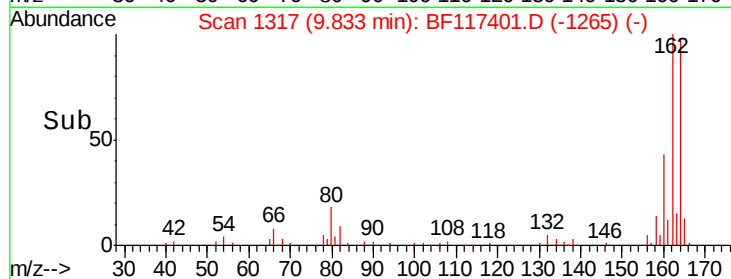
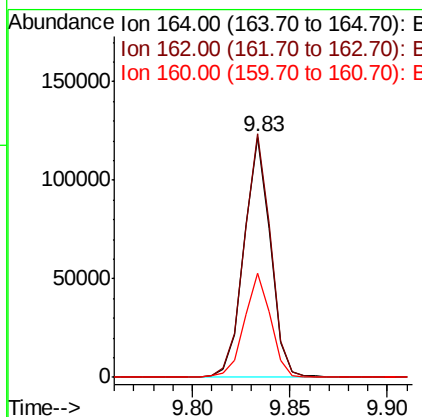
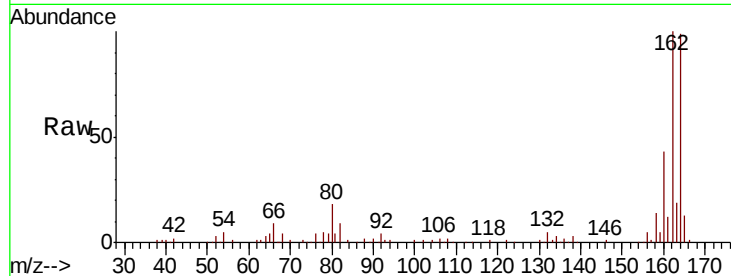
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.4	123.6	
160	43.4	35.4	53.0	

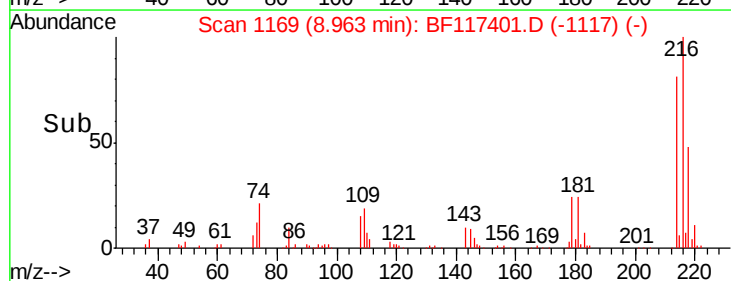
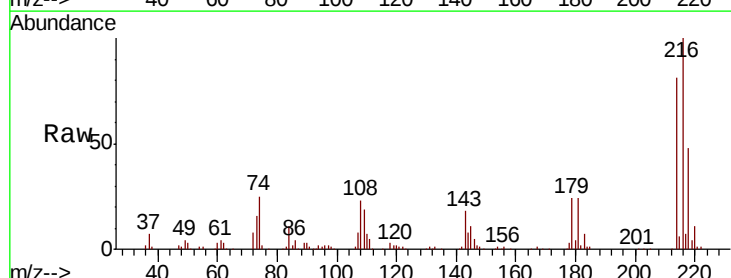
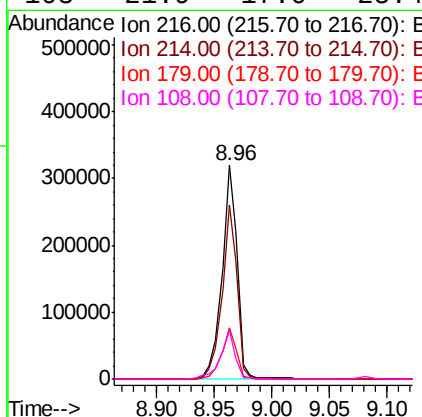
Manual Integrations
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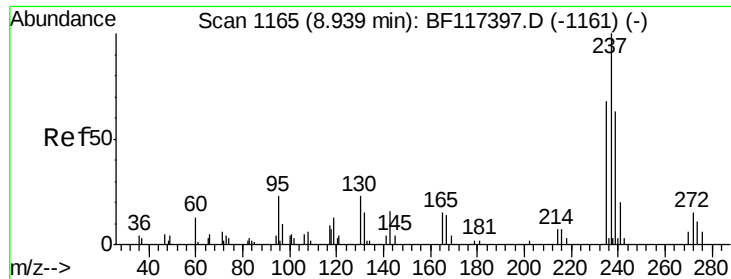
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 98.770 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.4	63.8	95.6	
179	23.4	18.6	28.0	
108	21.9	17.0	25.4	





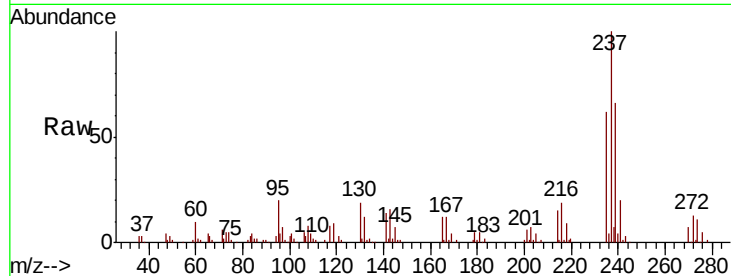
#41
Hexachlorocyclopentadiene
Concen: 81.167 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

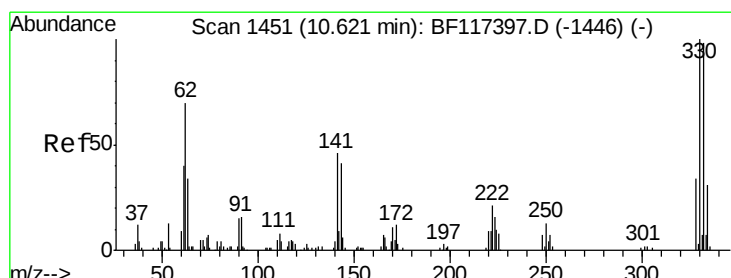
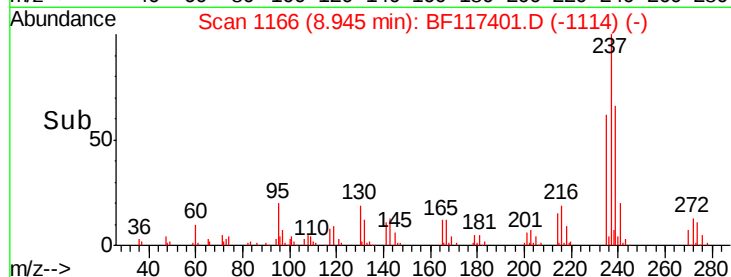
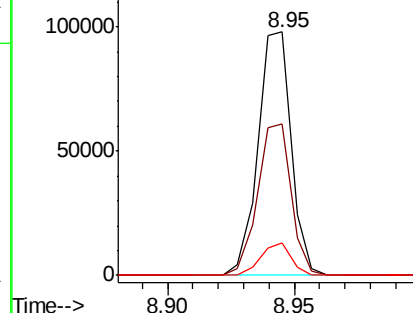
Tot Ion:	237	Resp:	90199
Ion Ratio	Lower	Upper	
237	100		
235	62.3	47.8	87.8
272	13.4	0.0	35.0

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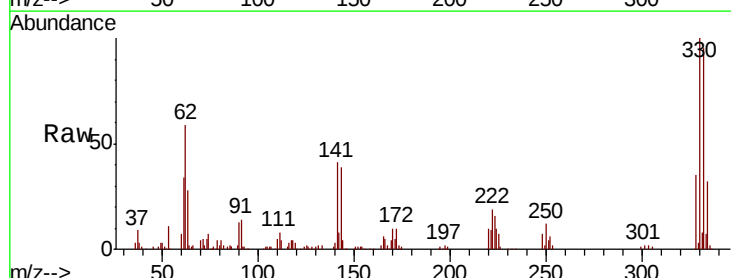


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

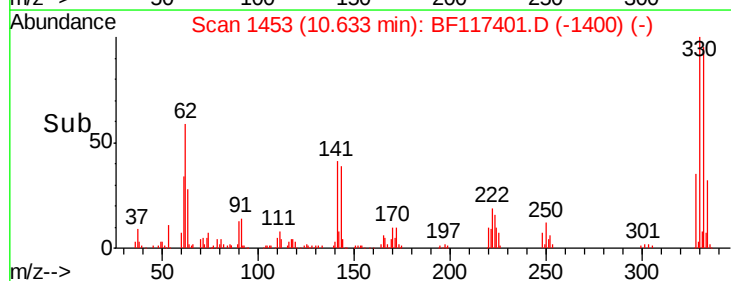
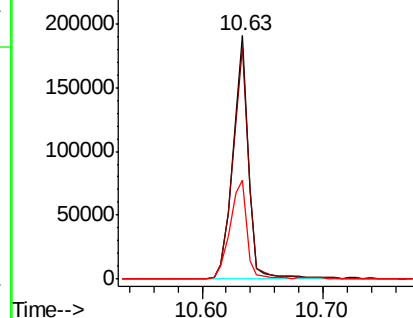


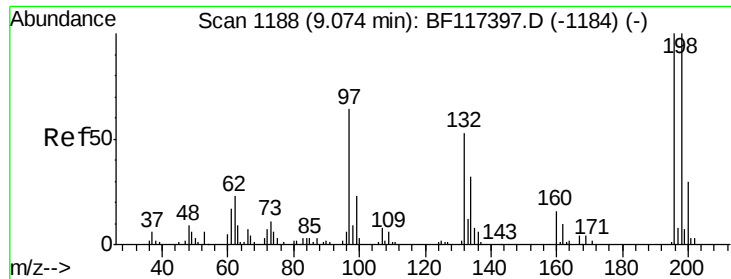
#42
2,4,6-Tribromophenol
Concen: 178.546 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion:	330	Resp:	170734
Ion Ratio	Lower	Upper	
330	100		
332	97.5	75.0	112.6
141	44.1	34.2	51.4



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





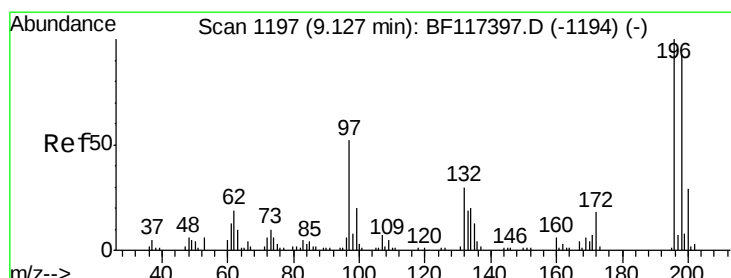
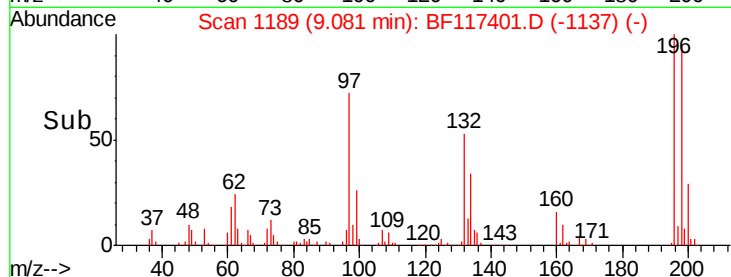
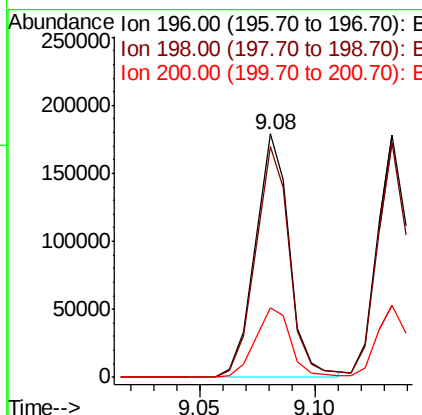
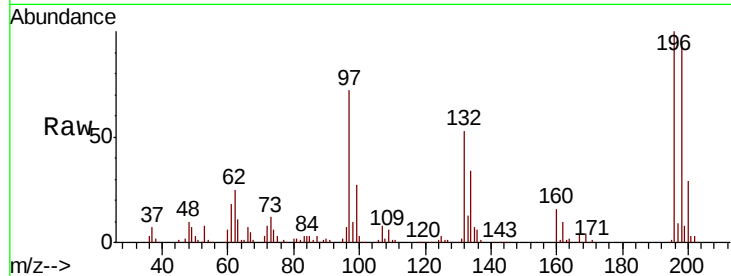
#43
 2,4,6-Trichlorophenol
 Concen: 92.024 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:	196	Resp:	184509
Ion Ratio	Lower	Upper	
196	100		
198	95.0	79.8	119.6
200	28.7	23.7	35.5

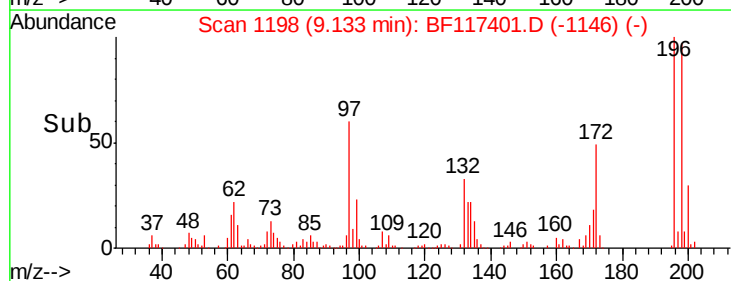
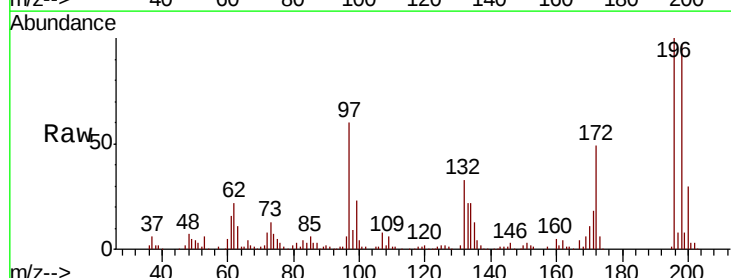
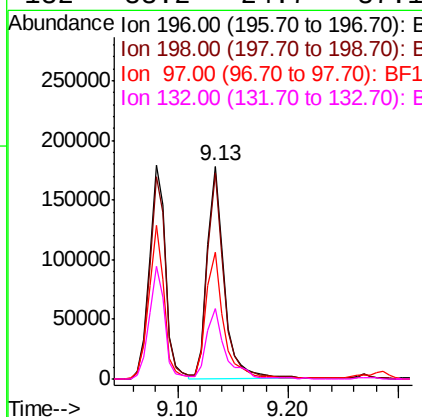
Manual Integrations
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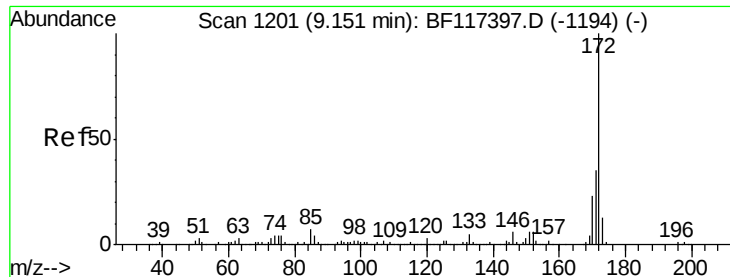
mohammad
 10/16/2019 8:10:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 86.796 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion:	196	Resp:	185932
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.9	112.3
97	59.6	42.5	63.7
132	33.2	24.7	37.1





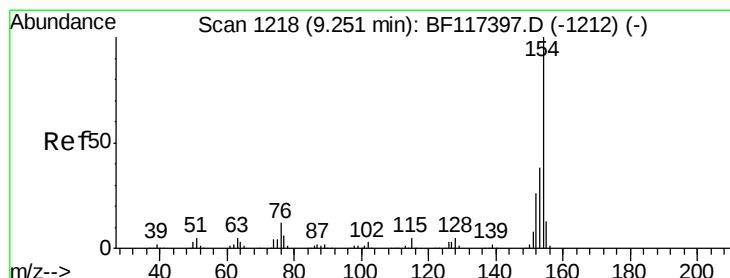
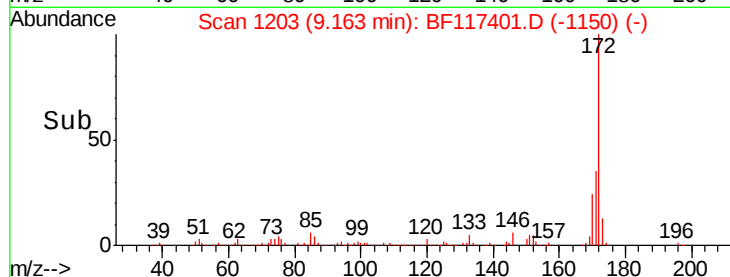
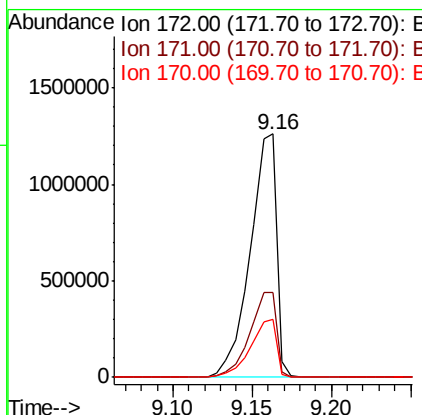
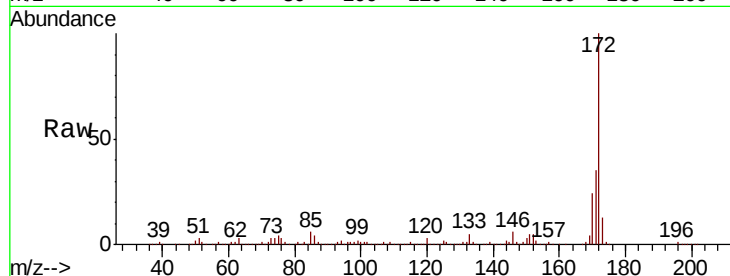
#45
2-Fluorobiphenyl
Concen: 199.960 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:172 Resp: 1463216
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.7 18.2 27.2

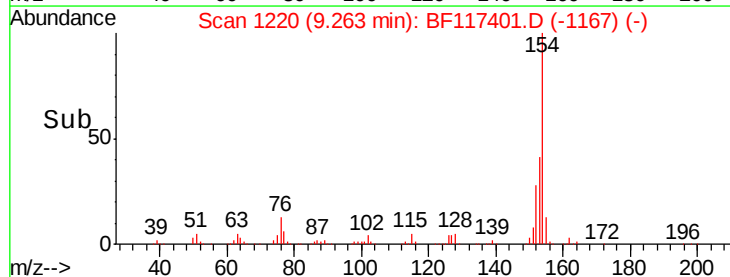
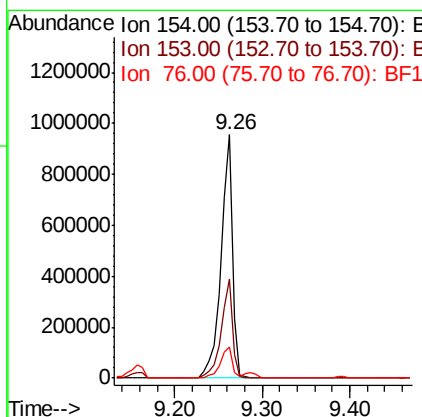
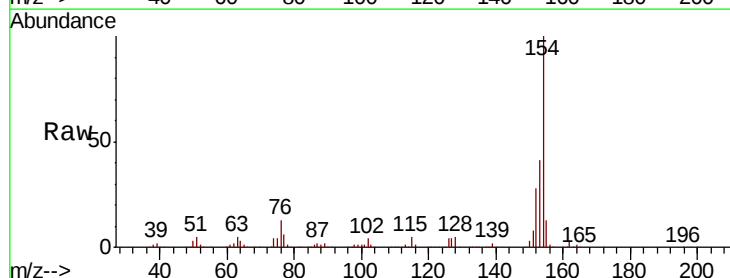
Manual Integrations
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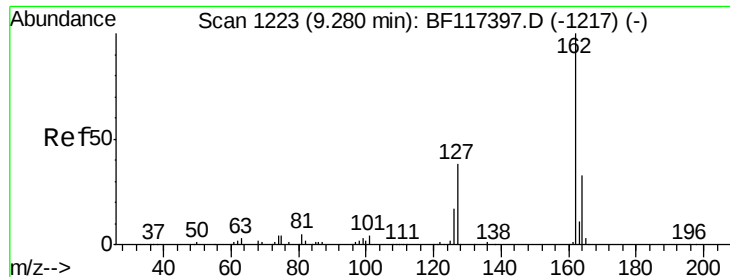
mohammad
10/16/2019 8:10:27 AM



#46
1,1'-Biphenyl
Concen: 97.919 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion:154 Resp: 878793
Ion Ratio Lower Upper
154 100
153 40.5 18.3 58.3
76 13.0 0.0 32.3





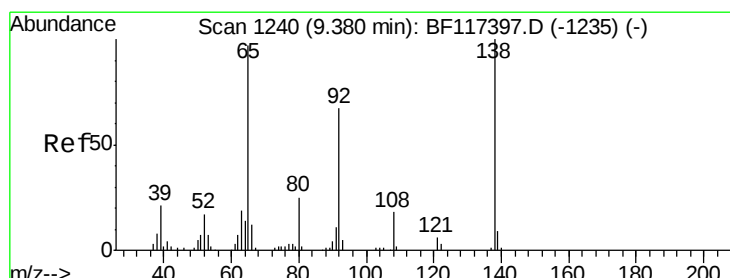
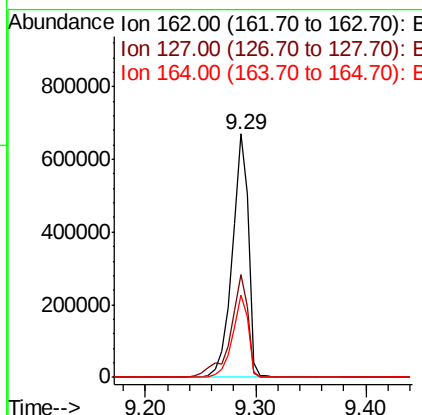
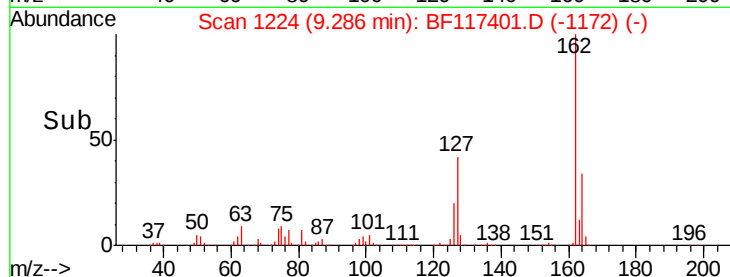
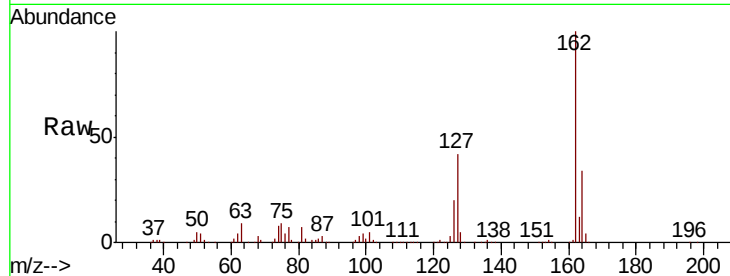
#47
 2-Chloronaphthalene
 Concen: 97.365 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.3	32.6	48.8		
164	33.9	26.2	39.4		

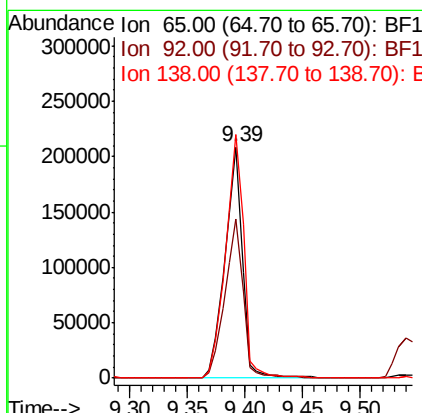
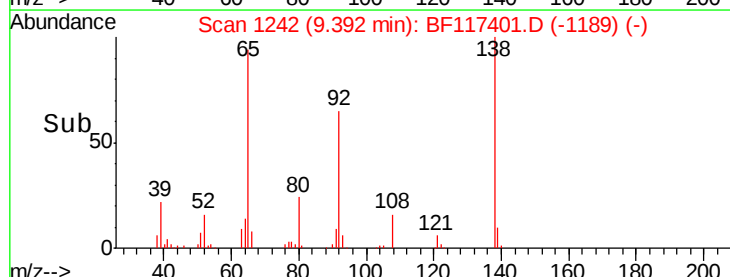
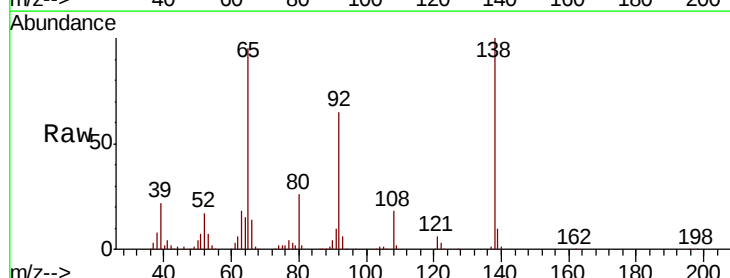
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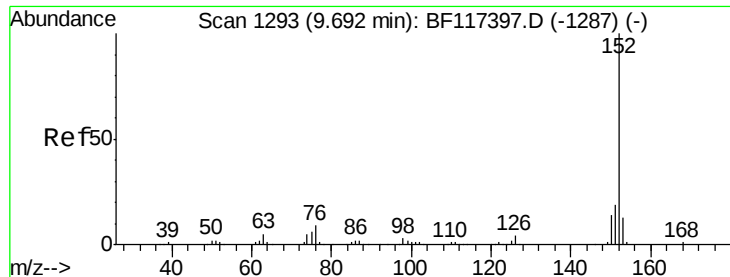
mohammad
 10/16/2019 8:10:27 AM



#48
 2-Nitroaniline
 Concen: 97.196 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.9	55.4	83.0		
138	105.3	82.6	124.0		





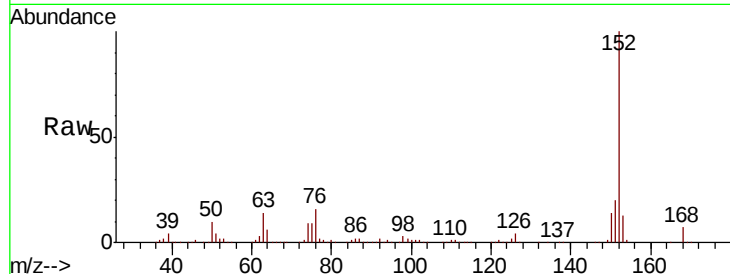
#49
Acenaphthylene
Concen: 93.280 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.1	10.6	16.0

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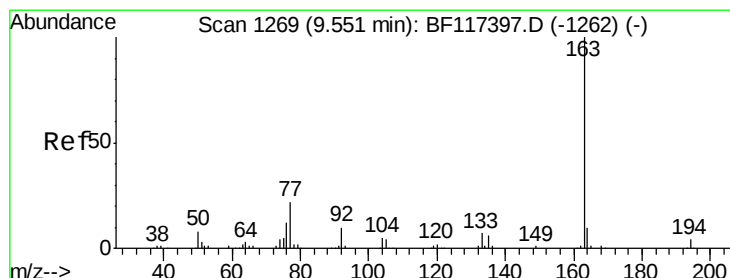
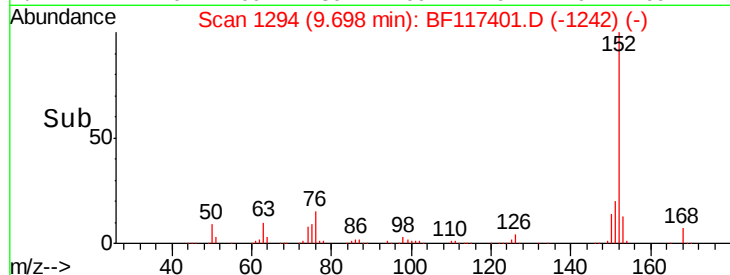
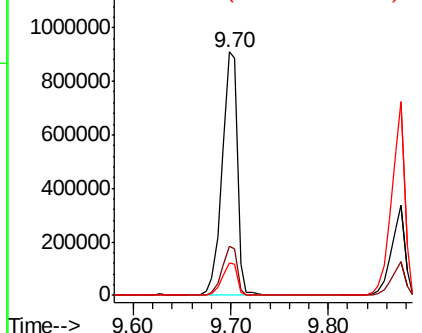


Abundance

Ion 152.00 (151.70 to 152.70): E

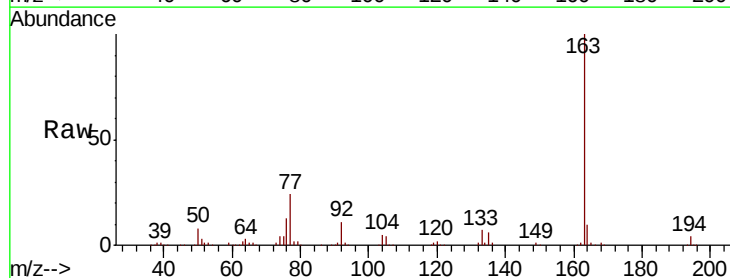
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 95.771 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.0	12.0

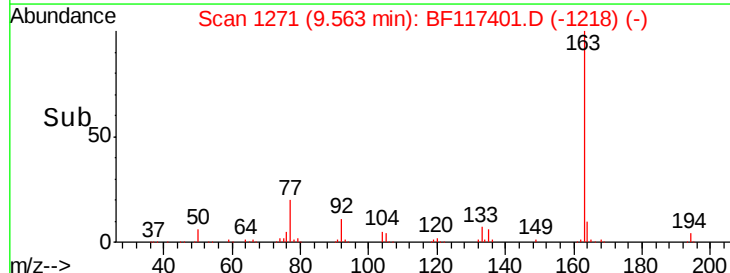
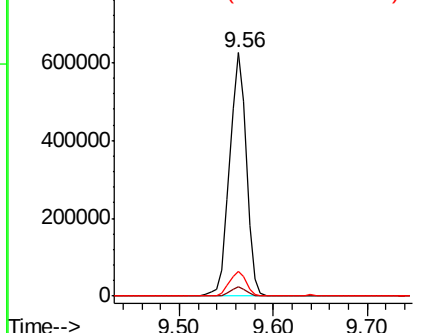


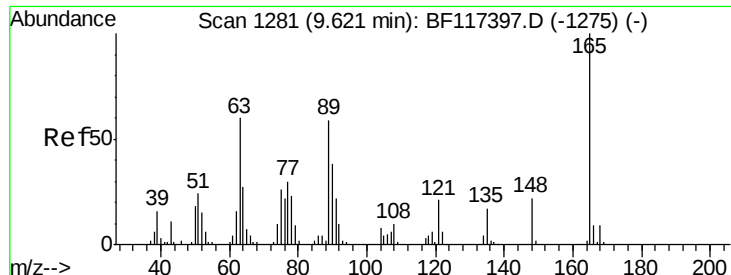
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 101.431 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:165 Resp: 167355

Ion Ratio Lower Upper

165 100

63 51.0 47.8 71.6

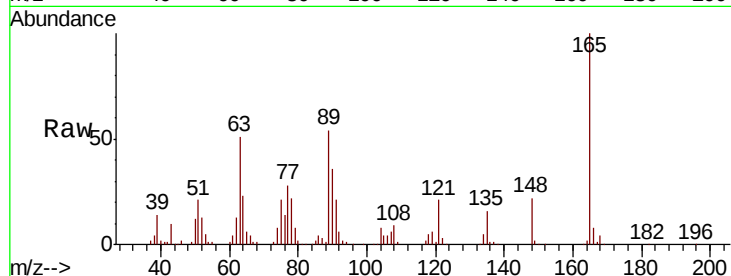
89 53.8 47.4 71.0

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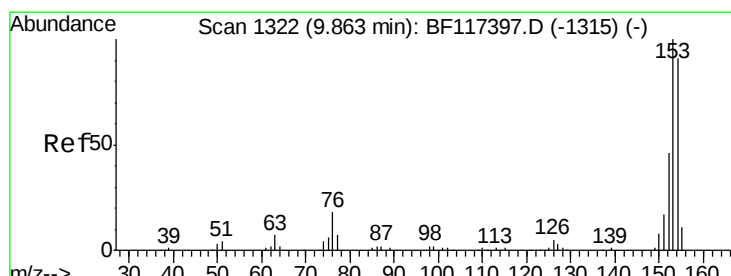
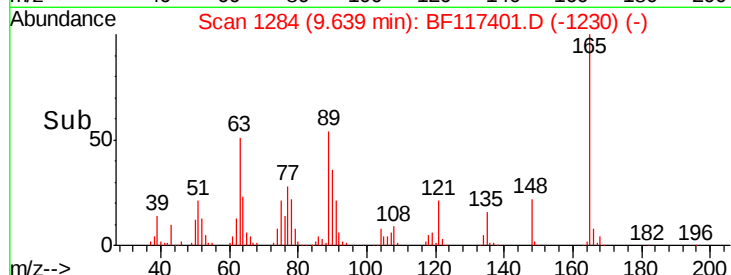
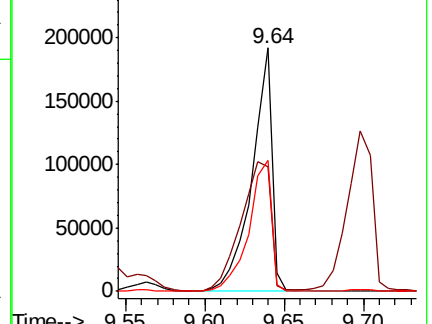
10/16/2019 8:10:27 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 97.220 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

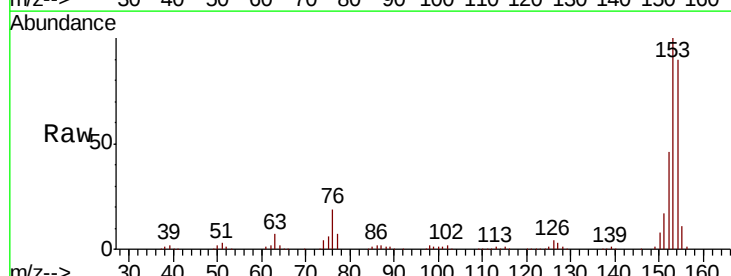
Tgt Ion:154 Resp: 611502

Ion Ratio Lower Upper

154 100

153 111.0 87.9 131.9

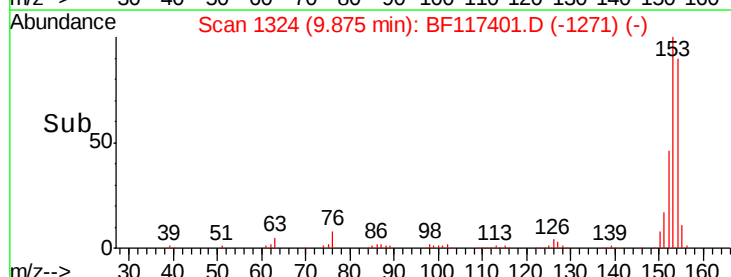
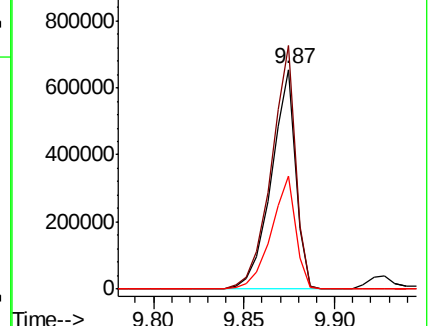
152 51.5 40.8 61.2

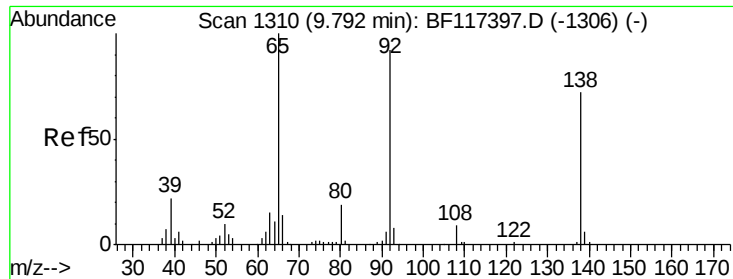


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





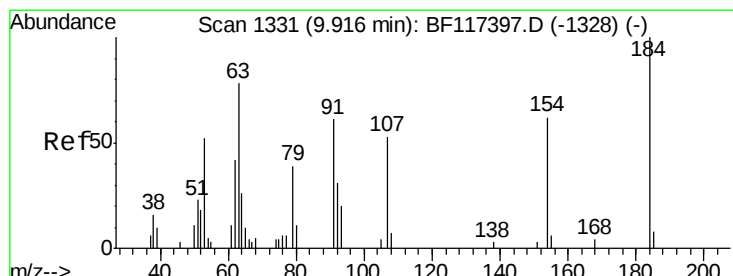
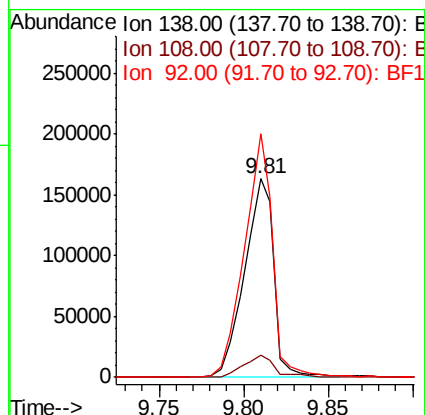
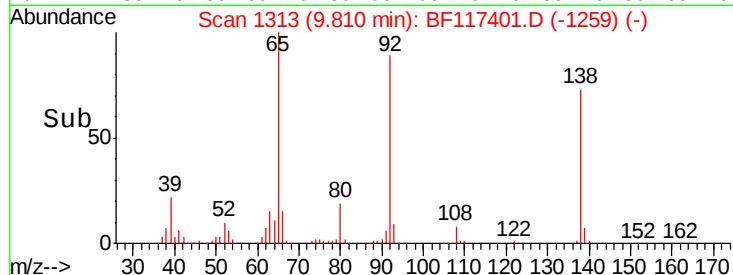
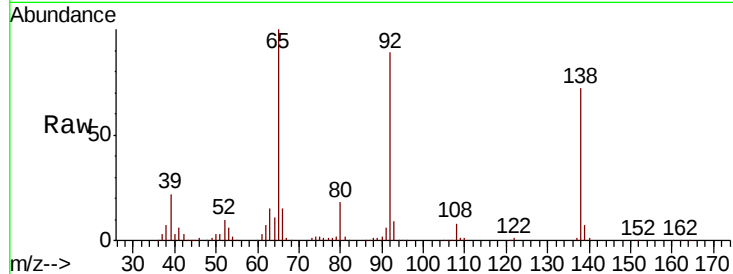
#53
3-Nitroaniline
Concen: 95.226 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
138	100				
108	11.0	9.5	14.3		
92	122.7	102.2	153.4		

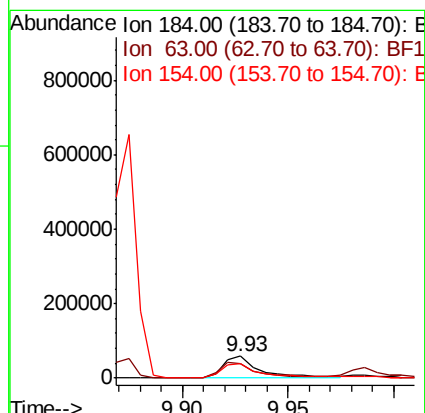
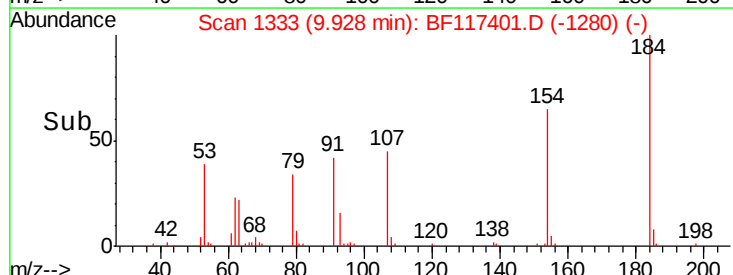
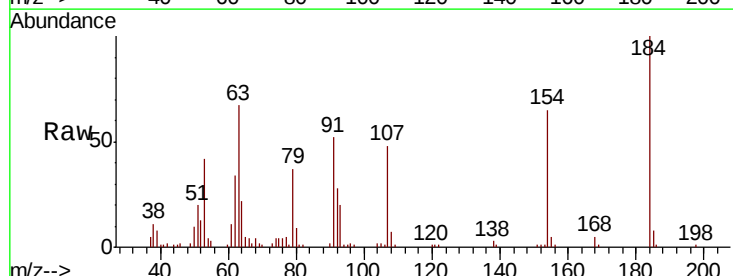
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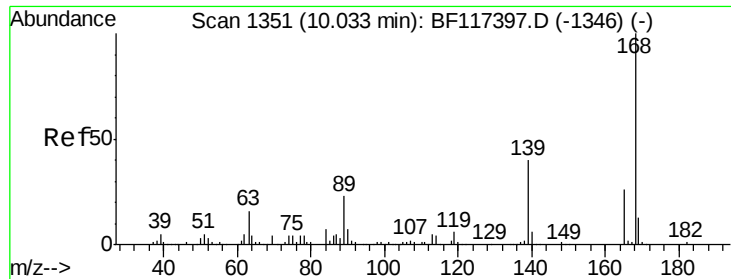
mohammad
10/16/2019 8:10:27 AM



#54
2,4-Dinitrophenol
Concen: 126.735 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	67.5	62.4	93.6		
154	65.1	53.5	80.3		





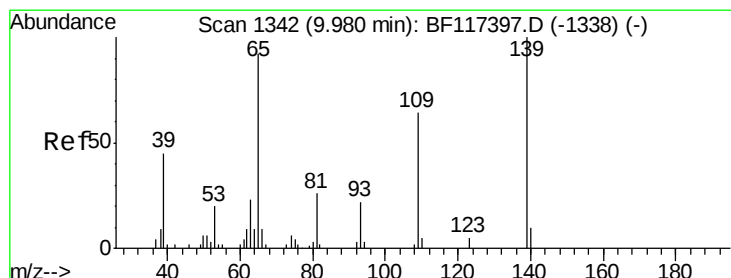
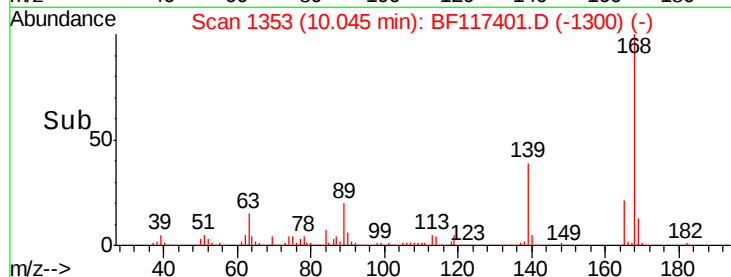
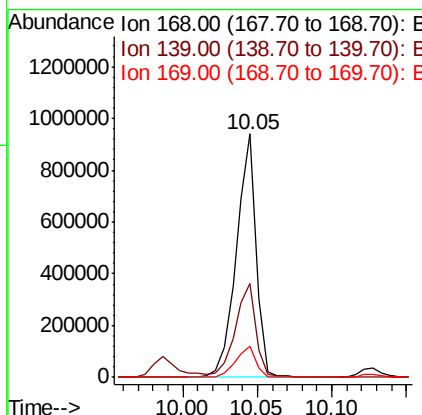
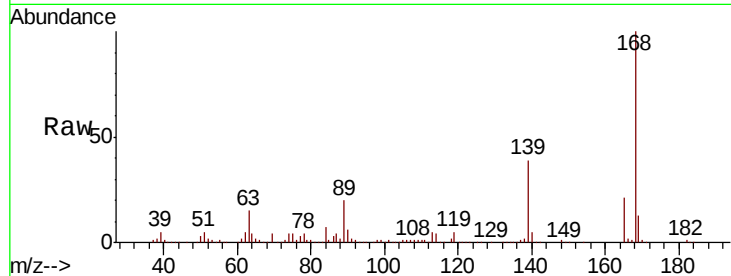
#55
Dibenzofuran
Concen: 94.358 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	33.3	49.9
169	13.0	10.7	16.1

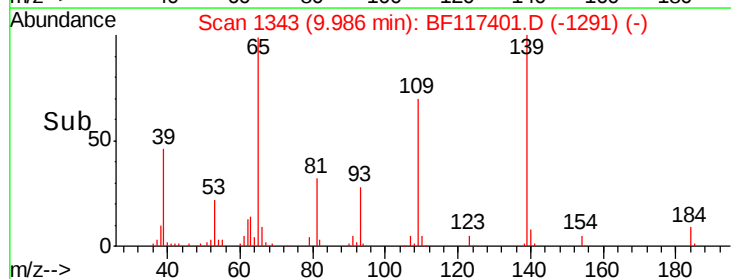
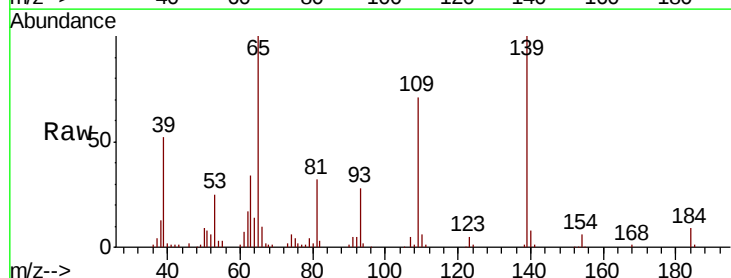
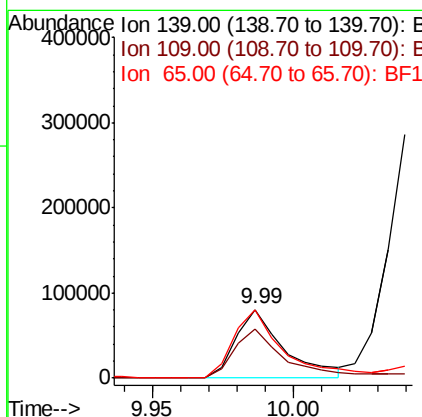
Manual Integrations
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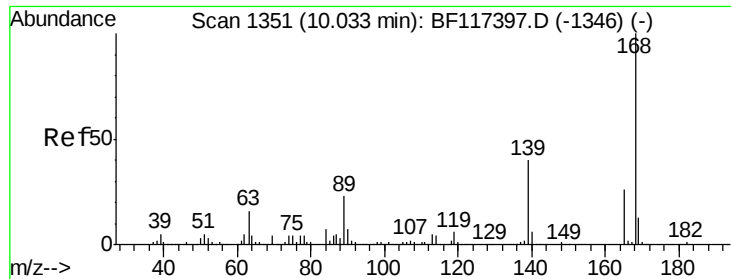
mohammad
10/16/2019 8:10:27 AM



#56
4-Nitrophenol
Concen: 71.123 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	43.8	83.8
65	99.9	73.9	113.9





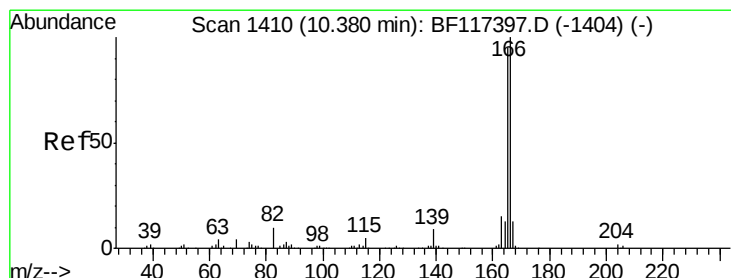
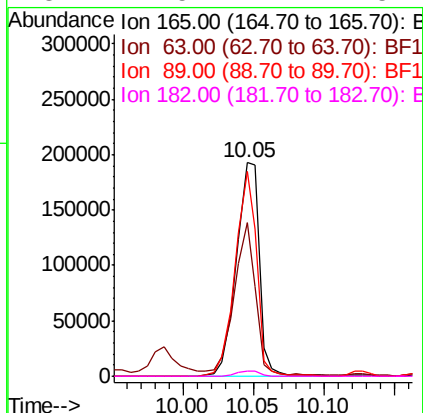
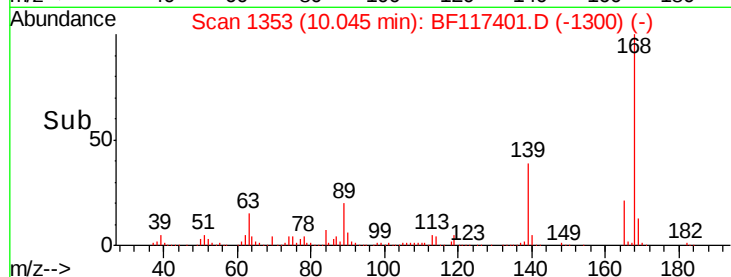
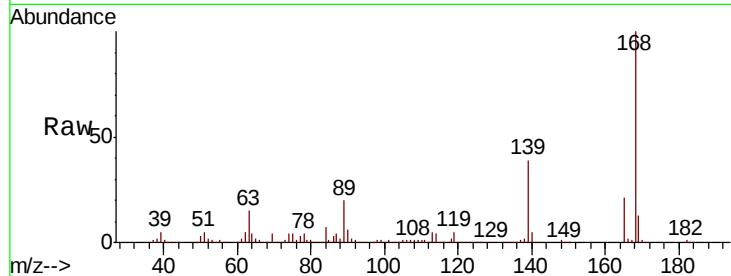
#57
 2,4-Dinitrotoluene
 Concen: 102.031 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100	218521		
63	71.9	51.0	76.4	
89	95.6	70.7	106.1	
182	2.5	2.1	3.1	

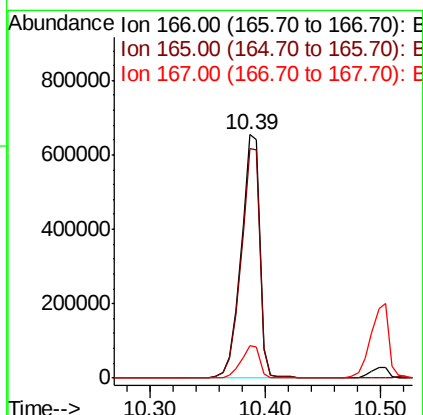
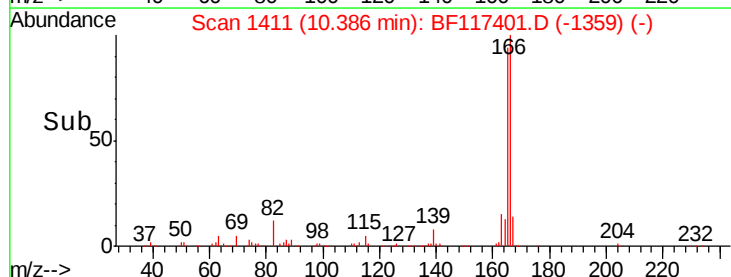
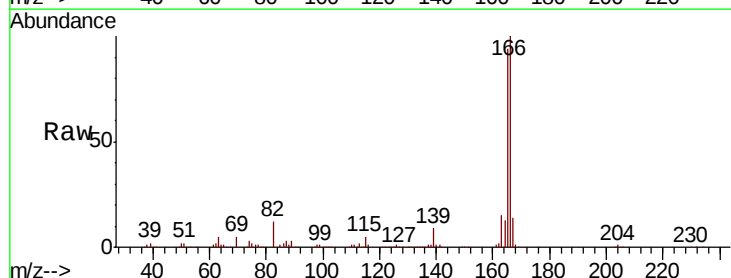
Manual Integrations
 APPROVED

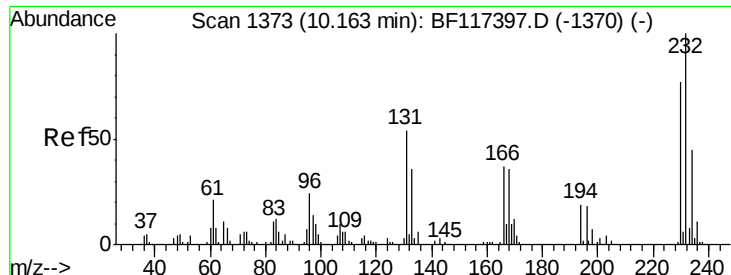
mohammad
 10/16/2019 8:10:27 AM



#58
 Fluorene
 Concen: 97.804 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	731136		
165	94.3	75.7	113.5	
167	13.5	10.4	15.6	





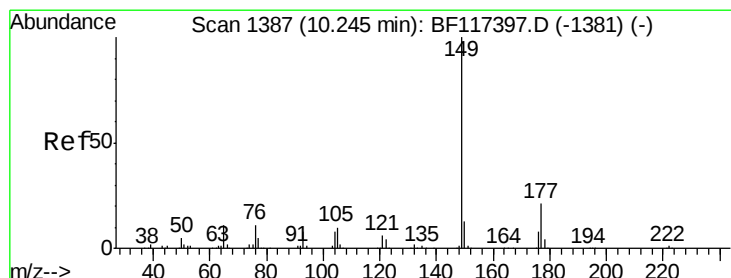
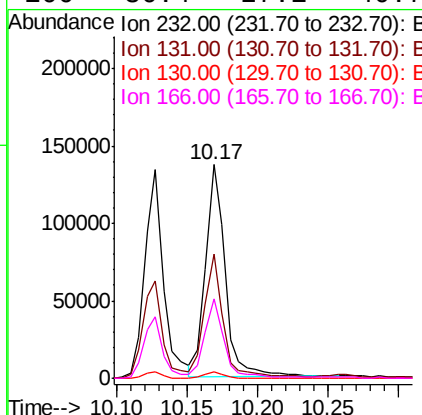
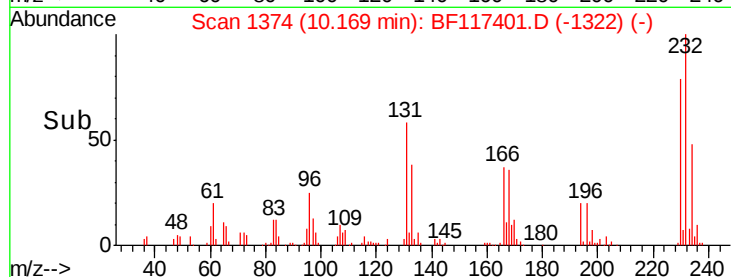
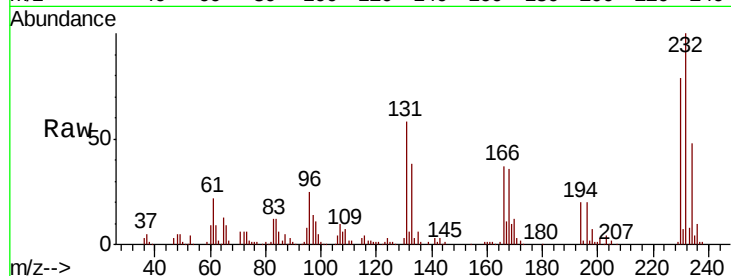
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 82.064 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.0	44.5	66.7
130	2.8	2.0	3.0
166	36.4	27.1	40.7

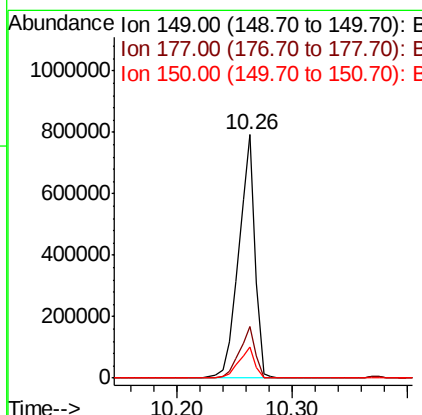
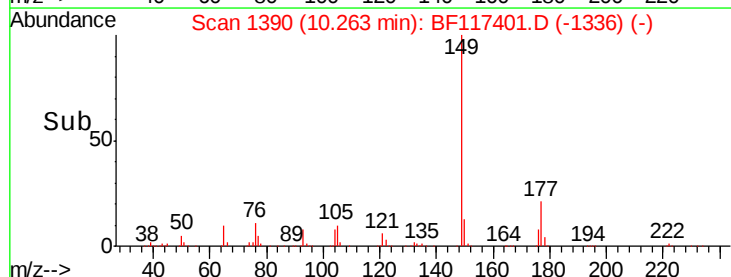
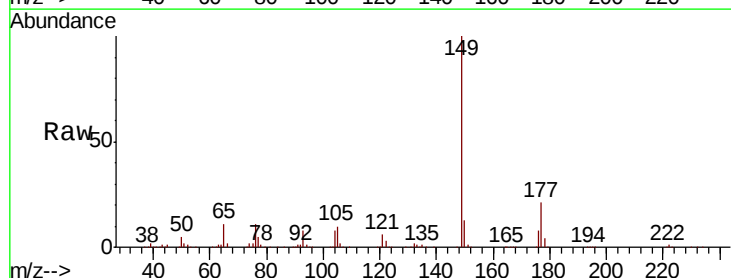
Manual Integrations
 APPROVED

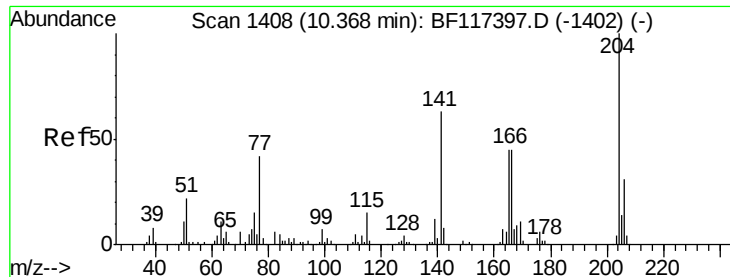
mohammad
 10/16/2019 8:10:27 AM



#60
 Diethylphthalate
 Concen: 96.894 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.02 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.5	24.7
150	12.5	10.1	15.1





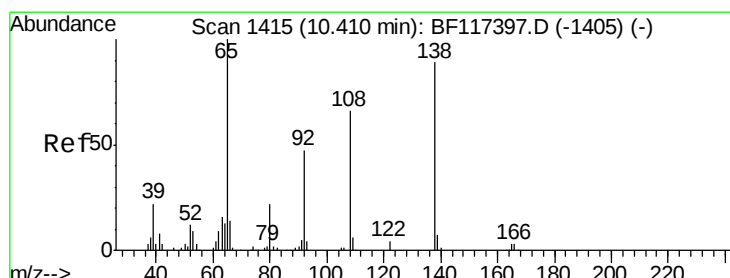
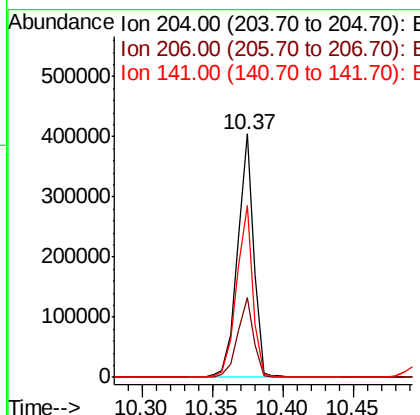
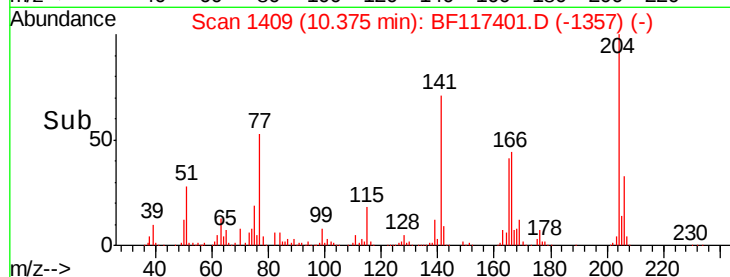
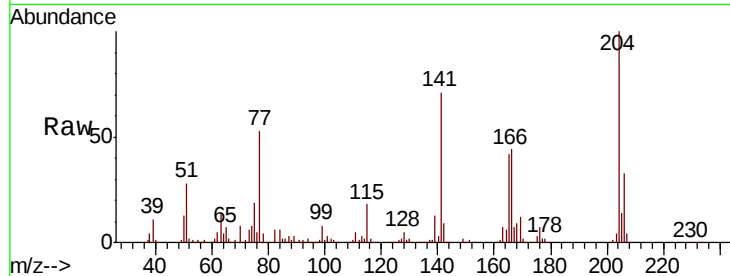
#61
4-Chlorophenyl-phenylether
Concen: 99.361 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.0	37.4
141	70.8	50.7	76.1

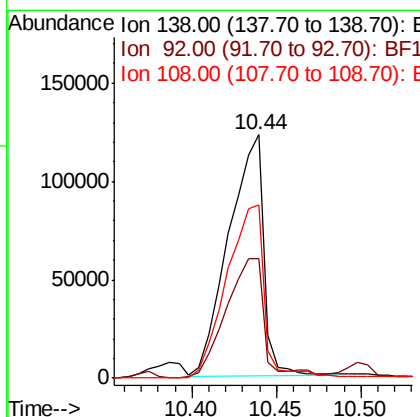
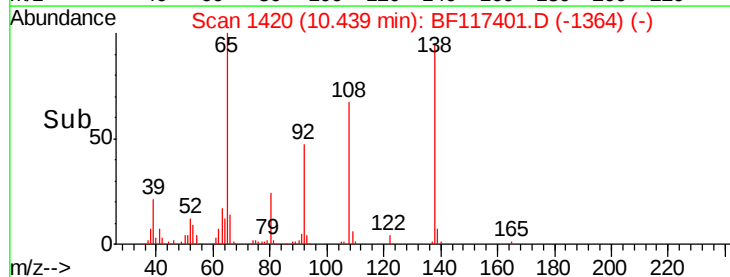
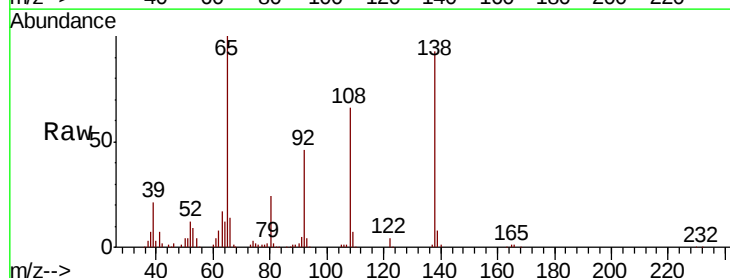
Manual Integrations
APPROVED

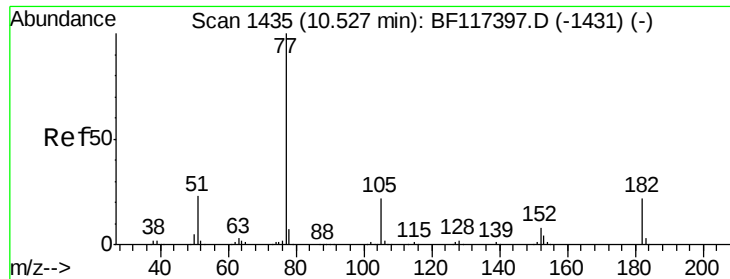
mohammad
10/16/2019 8:10:27 AM



#62
4-Nitroaniline
Concen: 82.666 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.03 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	32.4	72.4
108	71.0	53.8	93.8





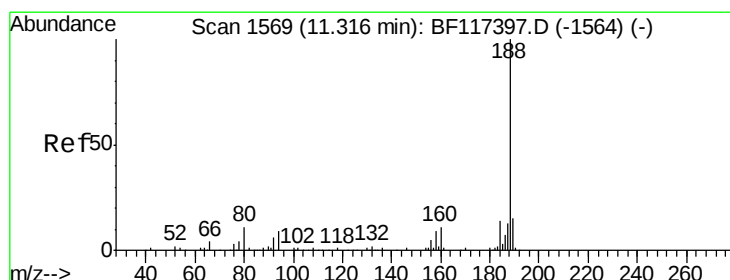
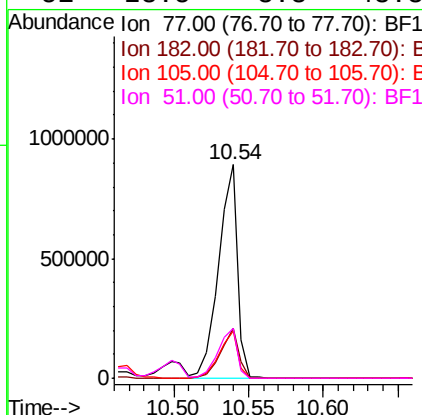
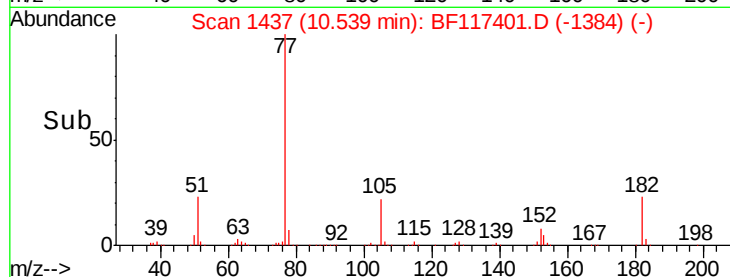
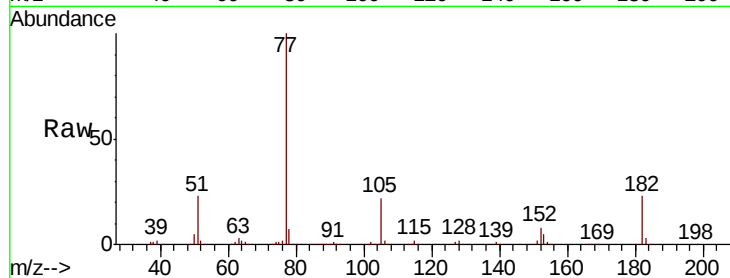
#63
Azobenzene
Concen: 97.600 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	1.5	41.5	
105	22.5	1.8	41.8	
51	23.5	3.3	43.3	

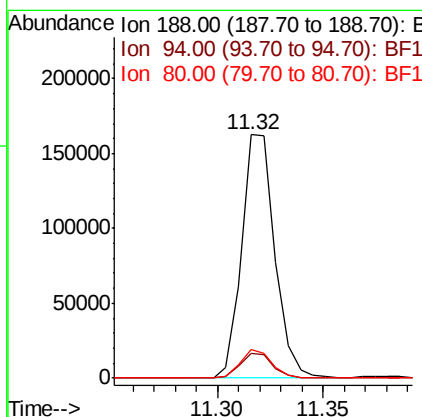
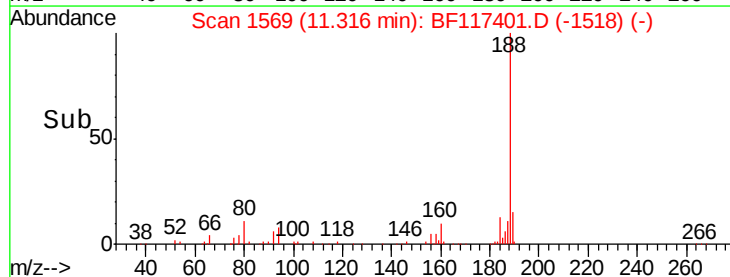
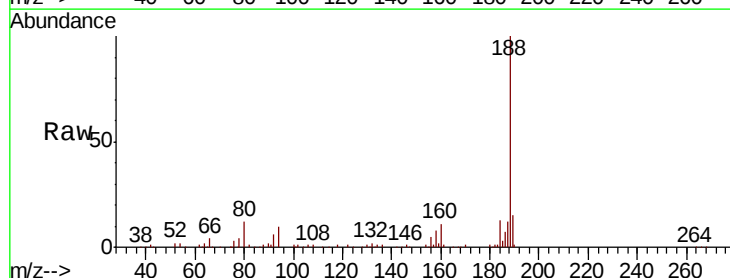
Manual Integrations
APPROVED

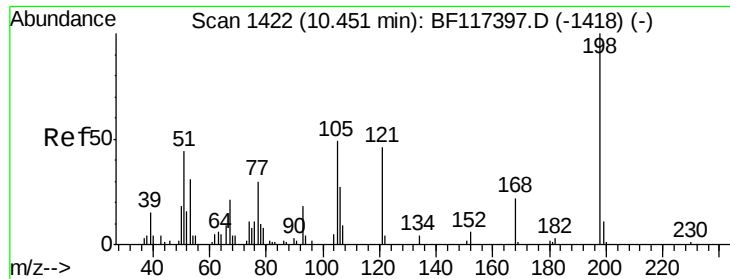
mohammad
10/16/2019 8:10:27 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	7.5	11.3	
80	11.9	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 133.866 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tot Ion:198 Resp: 99409

Ion Ratio Lower Upper

198 100

51 42.5 25.9 65.9

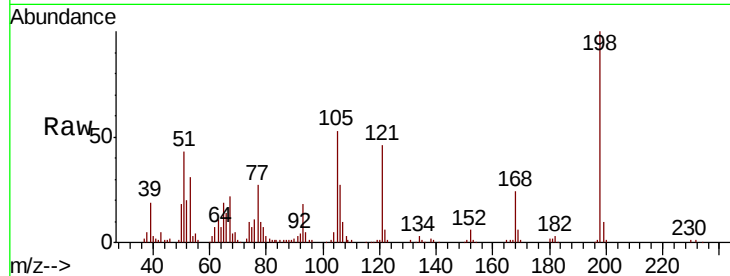
105 52.7 29.4 69.4

Manual Integrations

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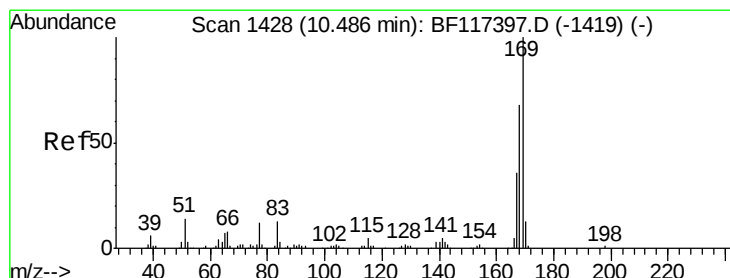
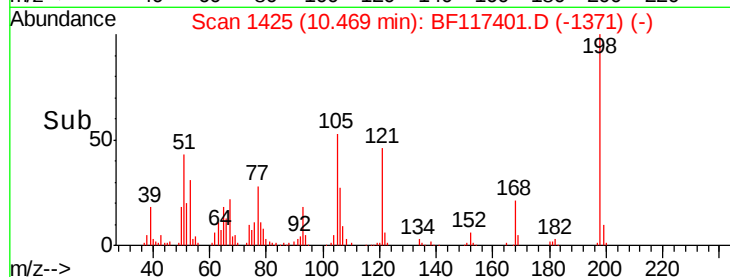
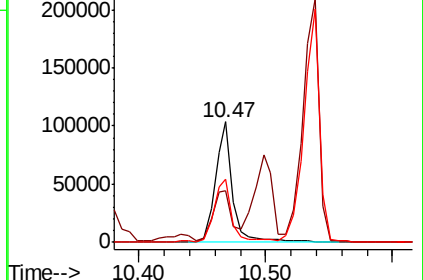
10/16/2019 8:10:27 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 102.853 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

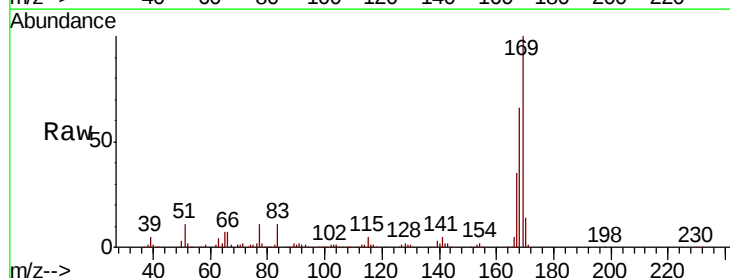
Tgt Ion:169 Resp: 628493

Ion Ratio Lower Upper

169 100

168 65.9 54.1 81.1

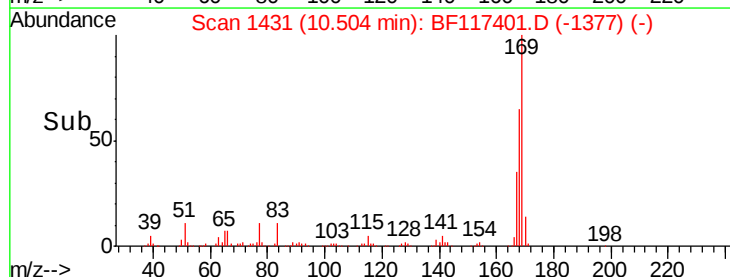
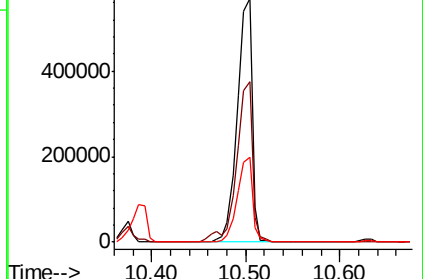
167 35.0 28.8 43.2

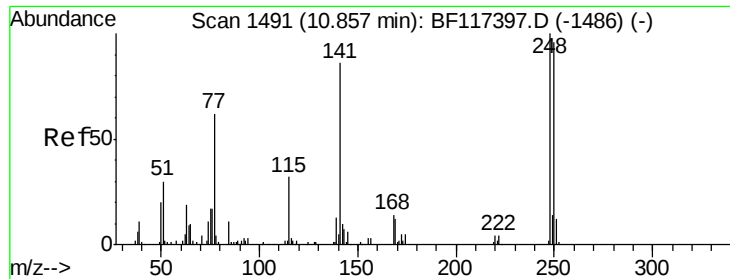


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





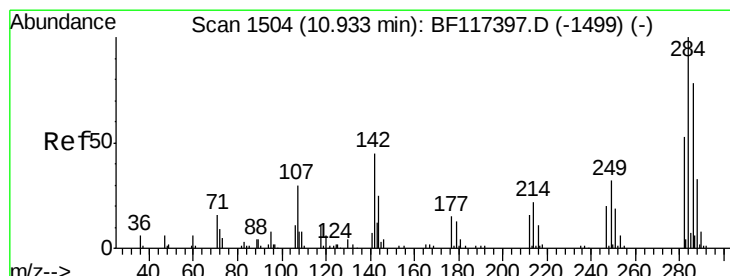
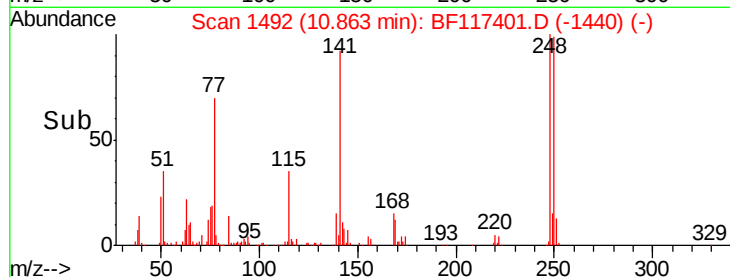
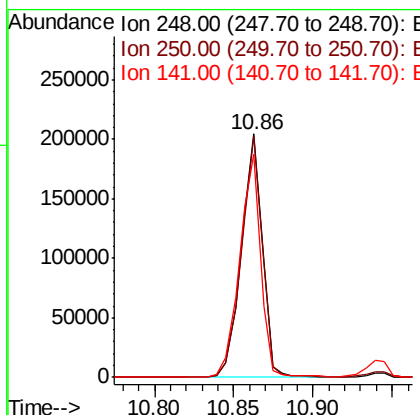
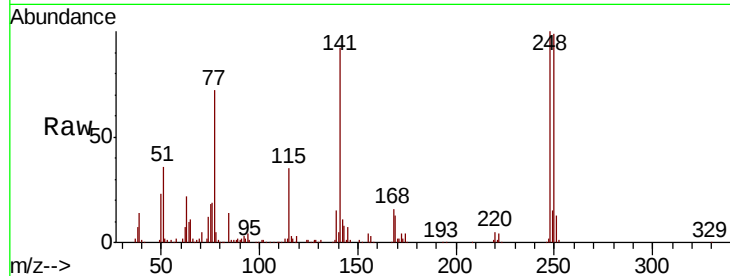
#67
4-Bromophenyl-phenylether
Concen: 103.734 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleID :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.1	115.7
141	91.5	69.1	103.7

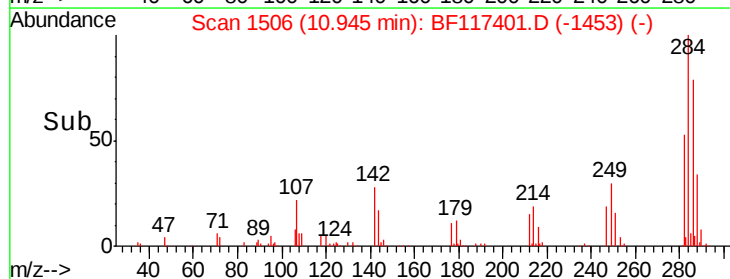
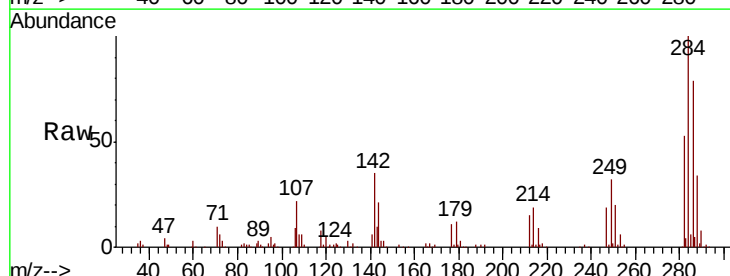
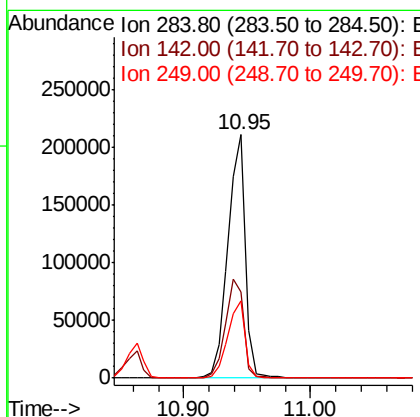
Manual Integrations
APPROVED

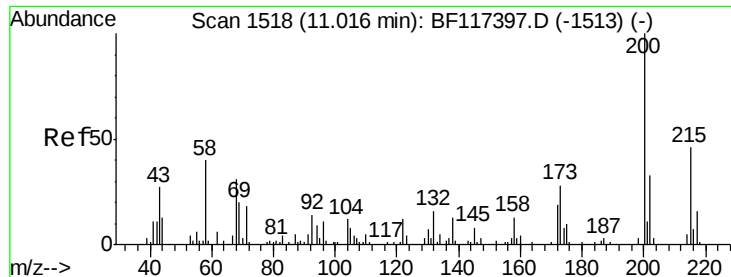
mohammad
10/16/2019 8:10:27 AM



#68
Hexachlorobenzene
Concen: 101.524 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	35.7	53.5#
249	31.5	25.8	38.6





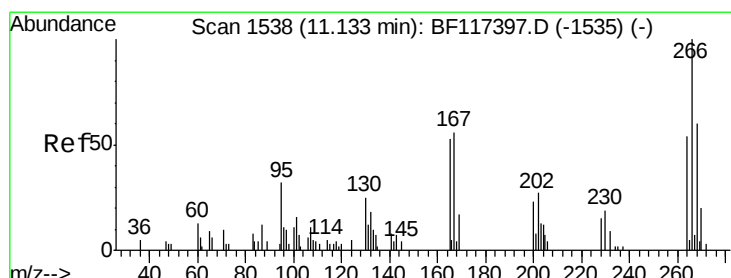
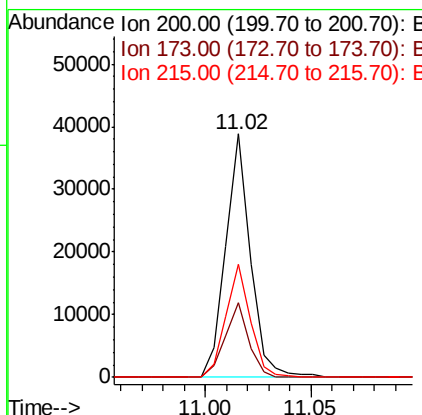
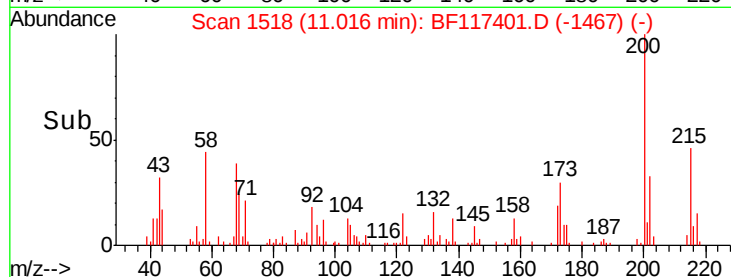
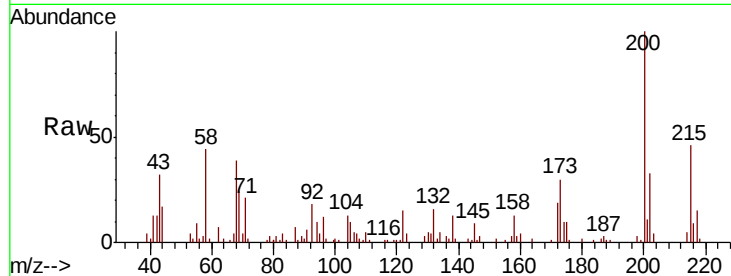
#69
Atrazine
Concen: 20.907 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.4	8.0	48.0
215	46.3	25.8	65.8

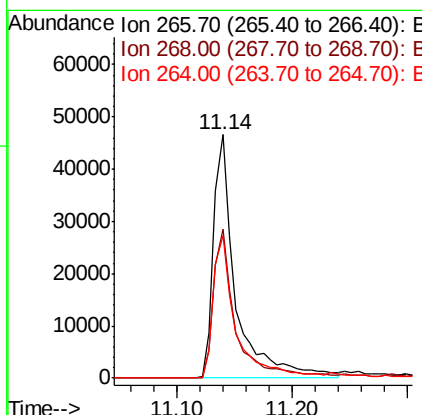
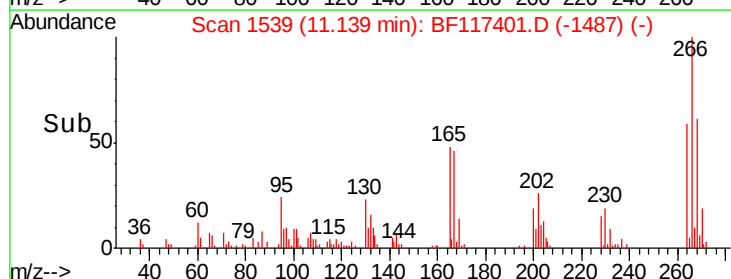
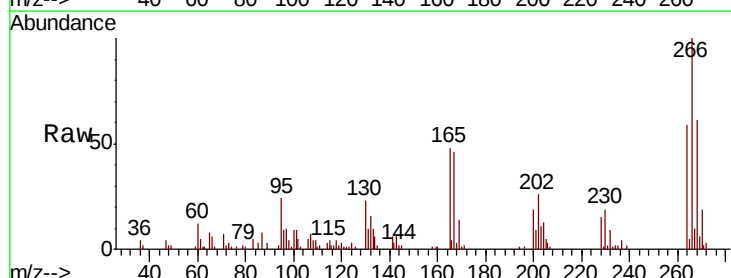
Manual Integrations
APPROVED

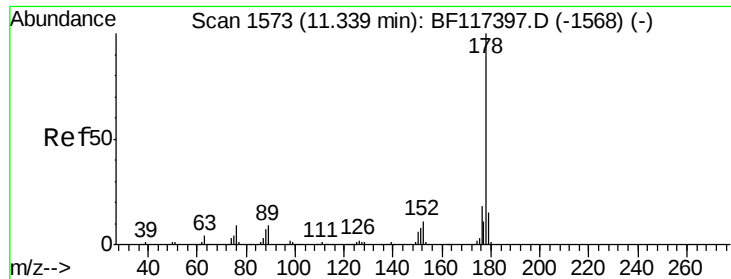
mohammad
10/16/2019 8:10:27 AM



#70
Pentachlorophenol
Concen: 67.526 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.3	47.8	71.6
264	58.6	42.9	64.3





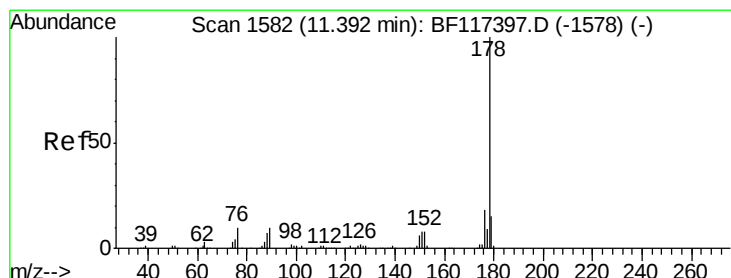
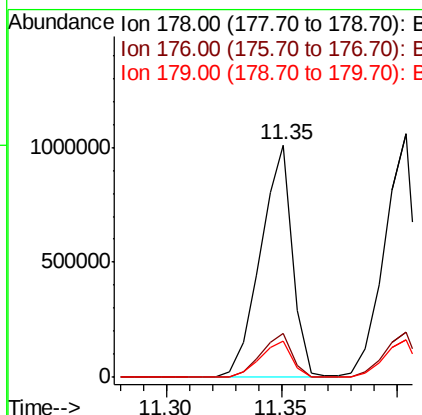
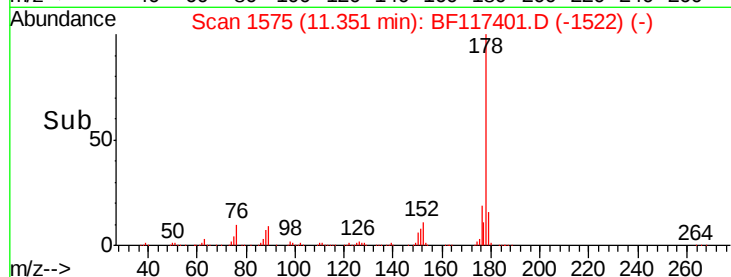
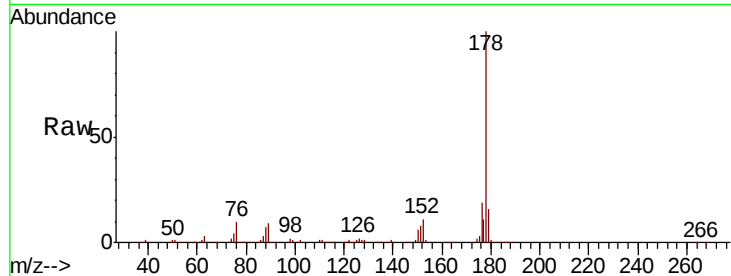
#71
Phenanthrene
Concen: 96.920 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.6	12.3	18.5

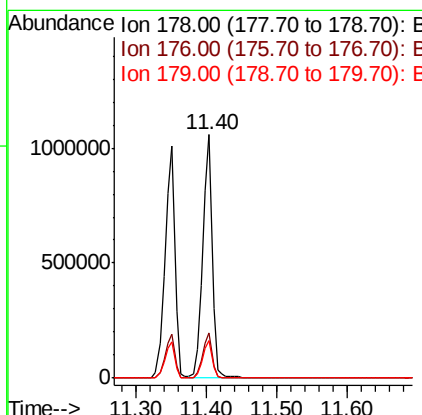
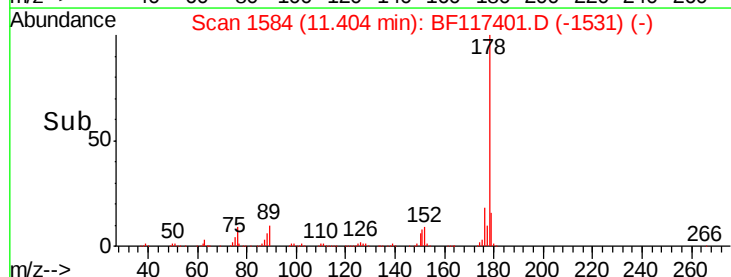
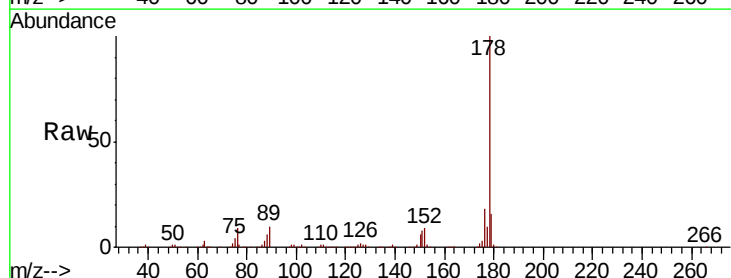
Manual Integrations
APPROVED

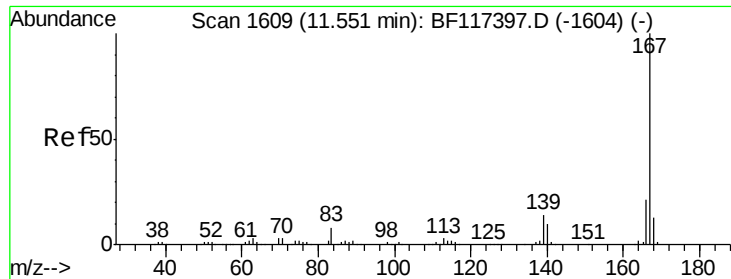
mohammad
10/16/2019 8:10:27 AM



#72
Anthracene
Concen: 96.946 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.7	12.1	18.1





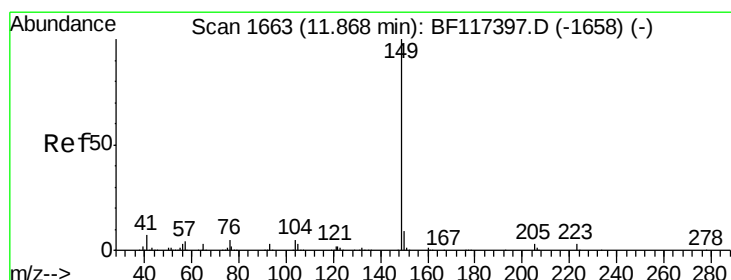
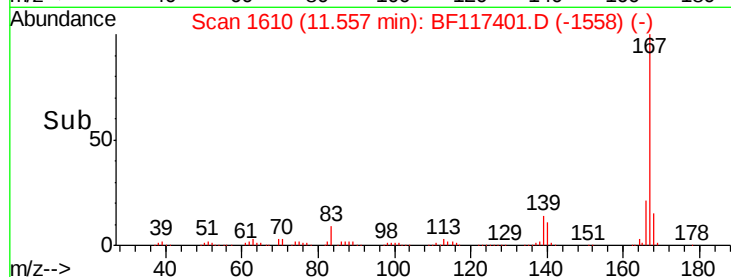
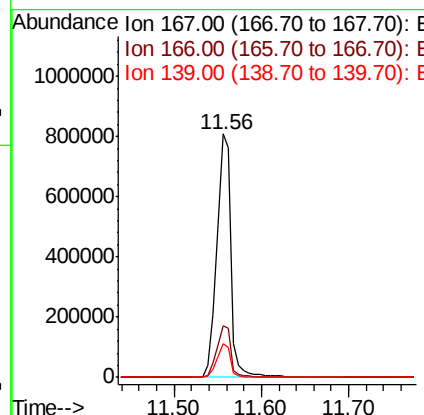
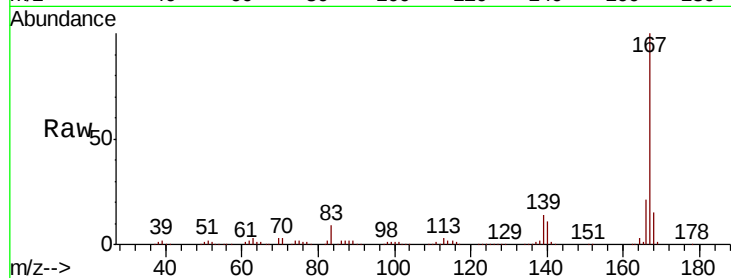
#73
 Carbazole
 Concen: 93.415 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	13.8	10.8	16.2

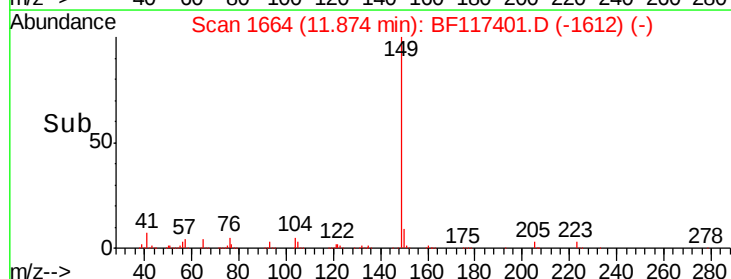
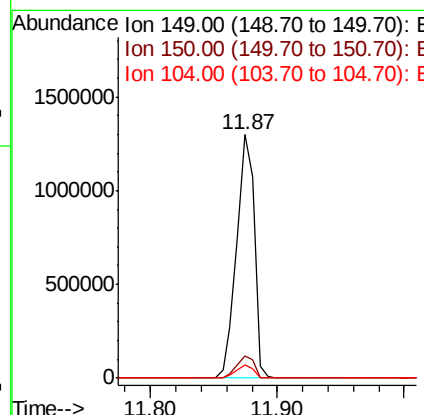
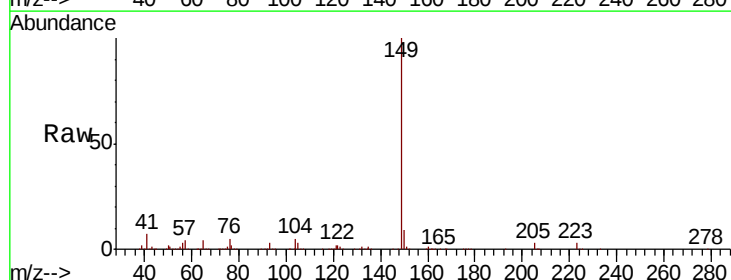
Manual Integrations
 APPROVED

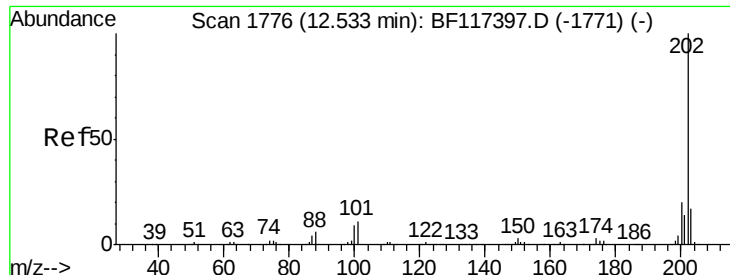
mohammad
 10/16/2019 8:10:27 AM



#74
 Di-n-butylphthalate
 Concen: 107.624 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	5.4	4.2	6.2





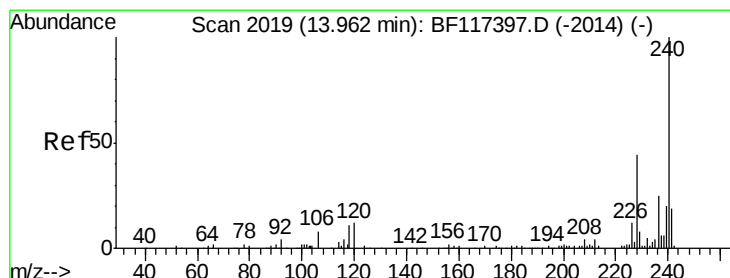
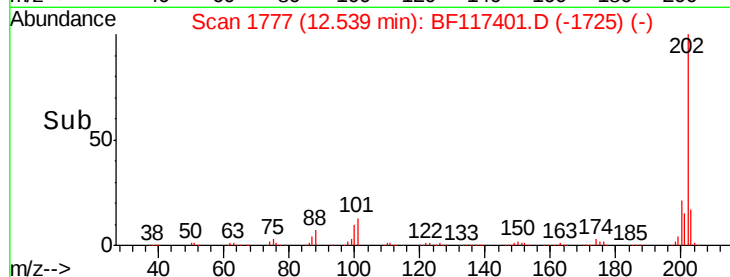
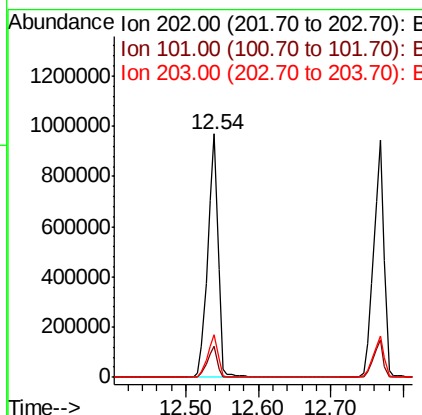
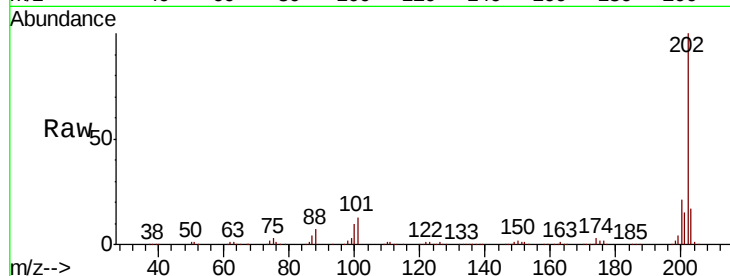
#75
 Fluoranthene
 Concen: 92.676 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	31.3
203	17.4	0.0	36.9

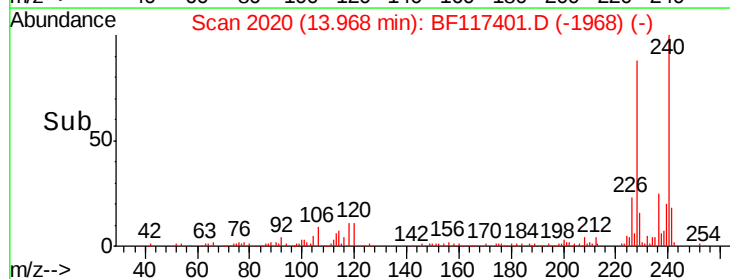
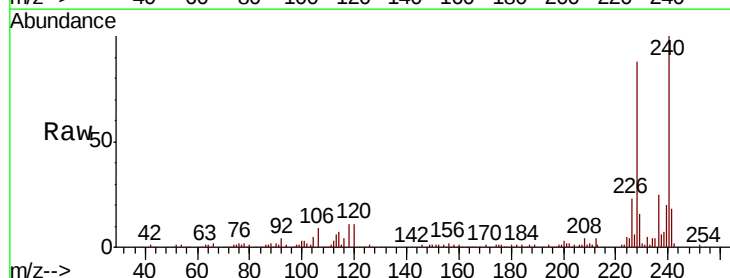
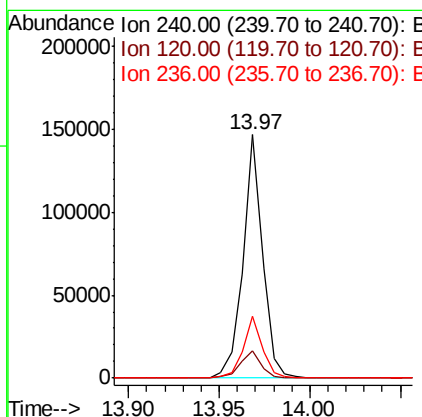
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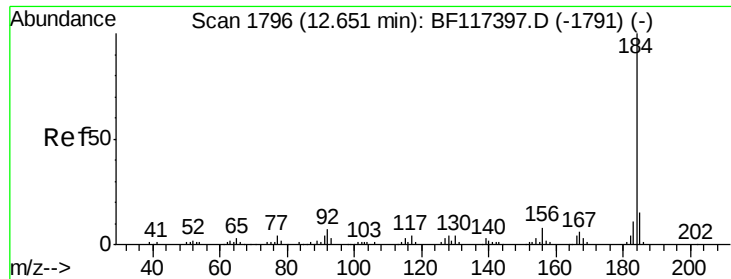
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.4	14.0
236	25.2	19.8	29.6





#77

Benzidine

Concen: 32.407 ng/mL

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 114484

Ion Ratio Lower Upper

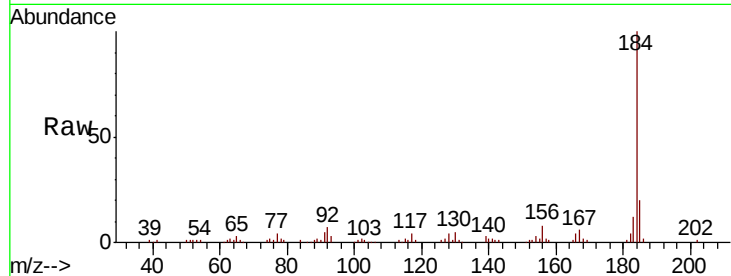
184 100

185 19.9 12.2 18.2#

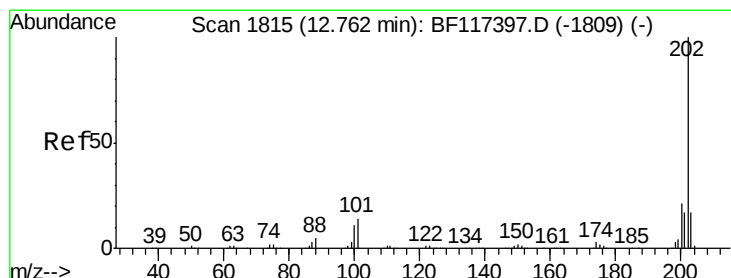
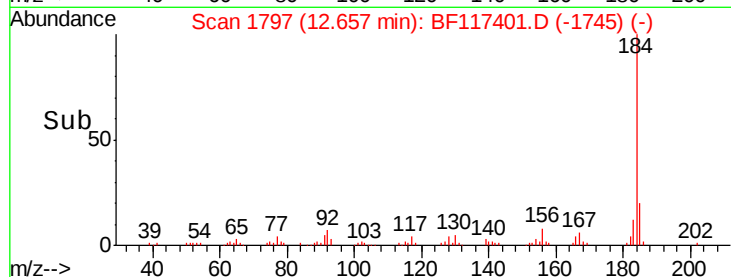
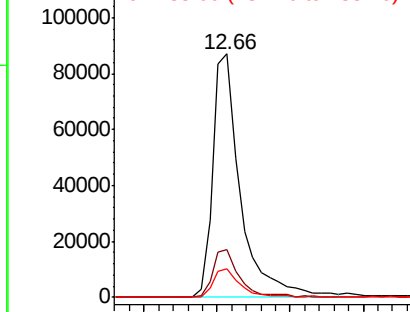
183 11.8 8.9 13.3

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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: 103.885 ng/mL

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

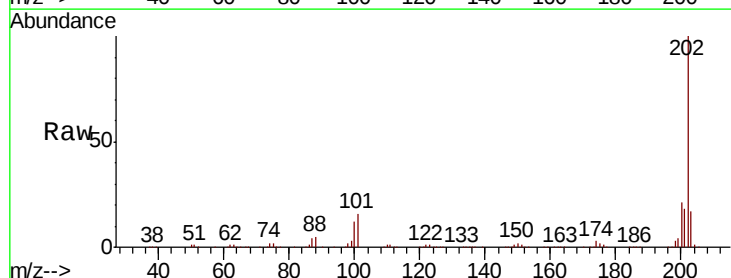
Tgt Ion:202 Resp: 955956

Ion Ratio Lower Upper

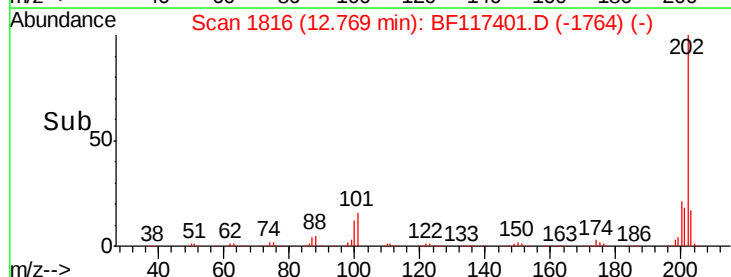
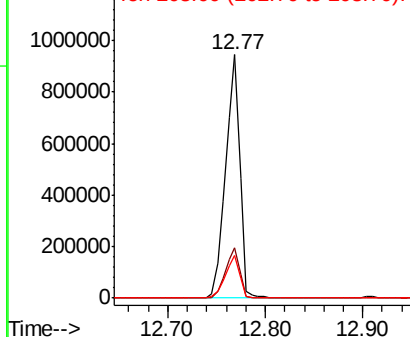
202 100

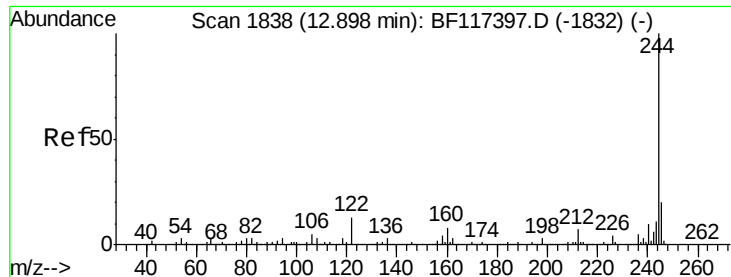
200 20.8 16.8 25.2

203 17.4 14.0 21.0



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





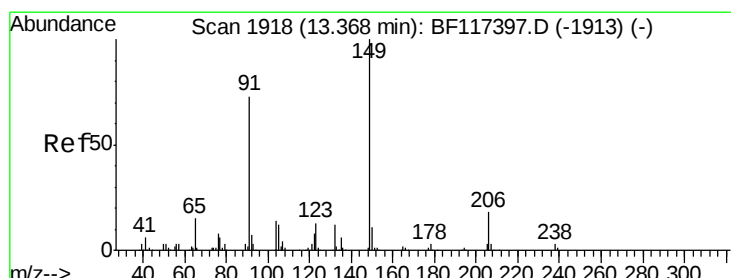
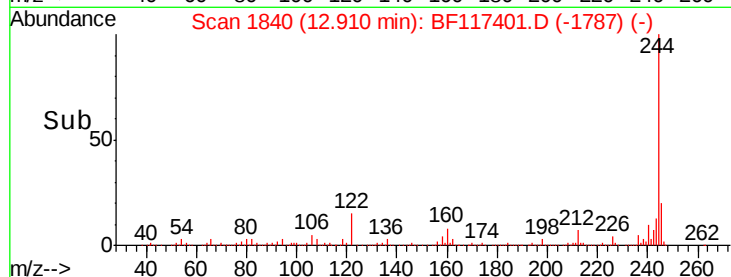
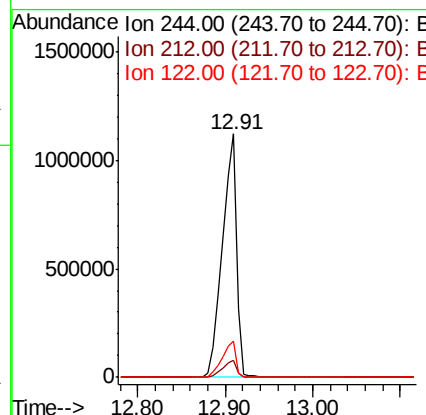
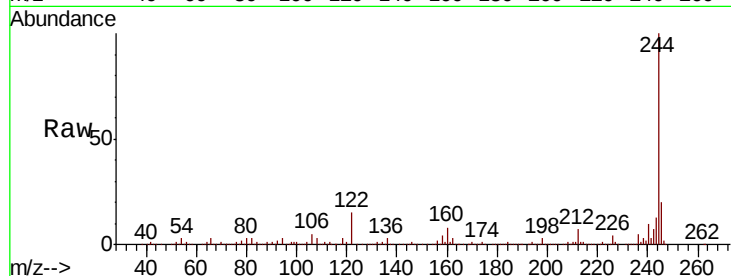
#79
 Terphenyl-d14
 Concen: 217.346 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	14.8	10.7	16.1

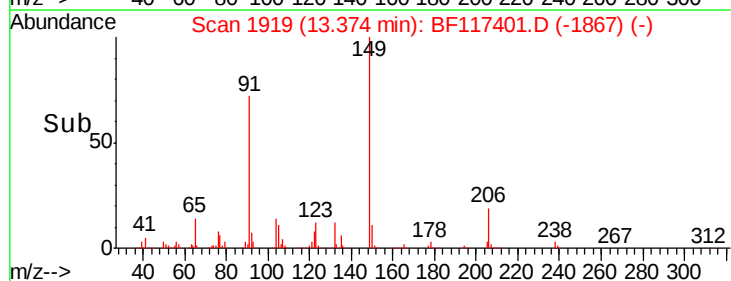
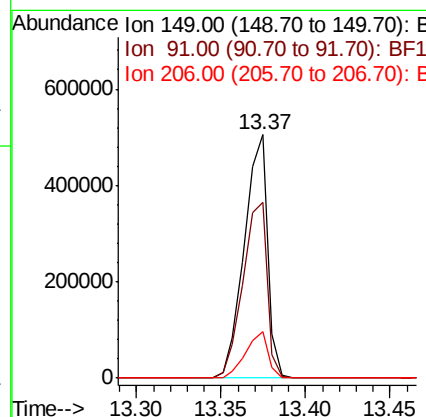
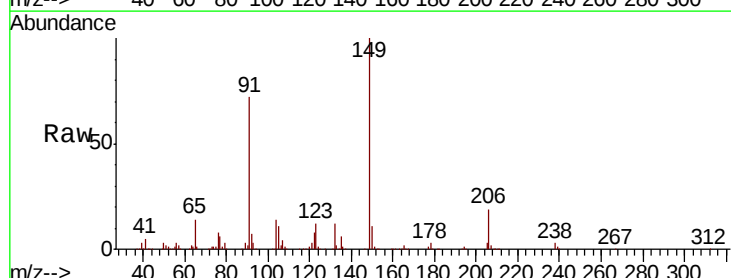
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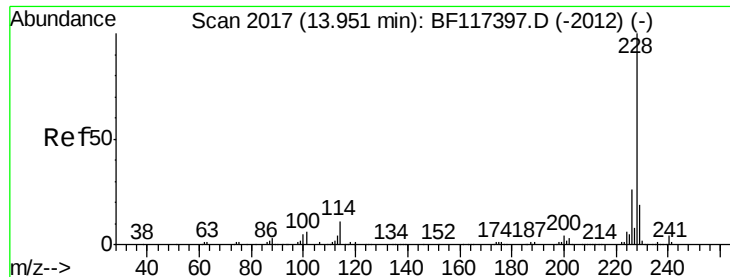
mohammad
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#80
 Butylbenzylphthalate
 Concen: 111.934 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	58.5	87.7
206	18.9	14.4	21.6





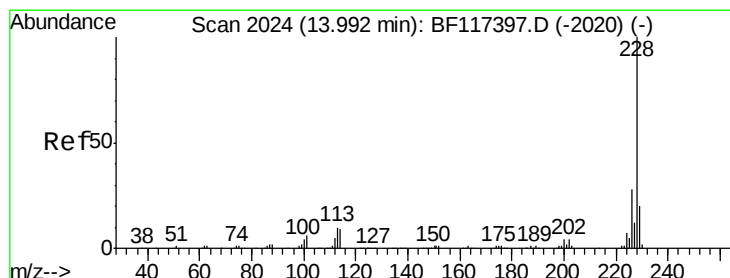
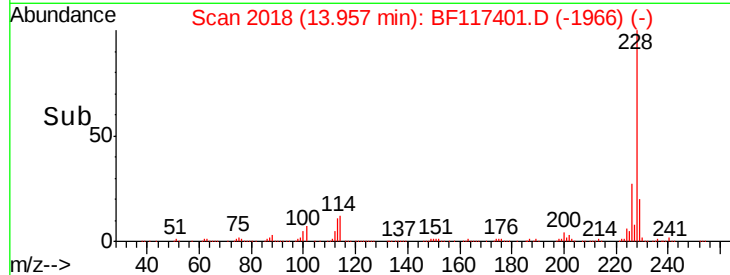
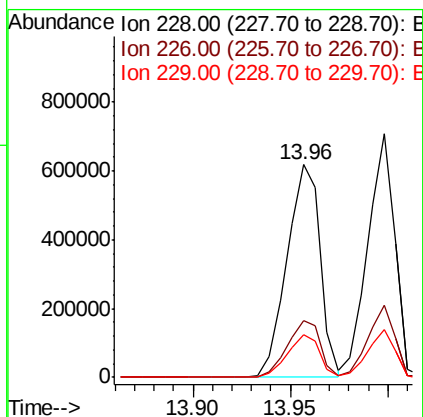
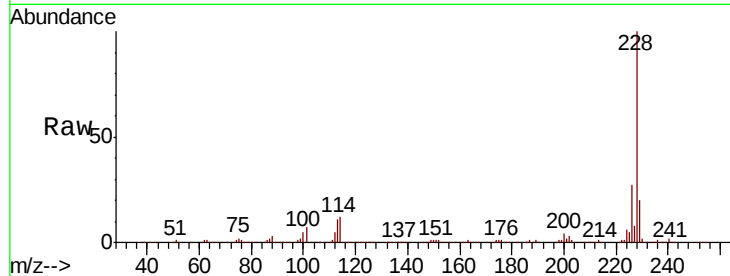
#81
Benzo(a)anthracene
Concen: 99.190 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.9	31.3
229	19.9	15.2	22.8

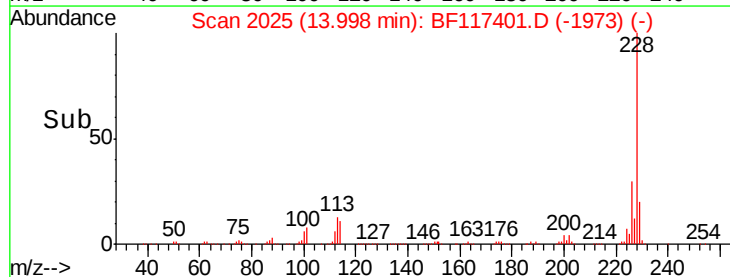
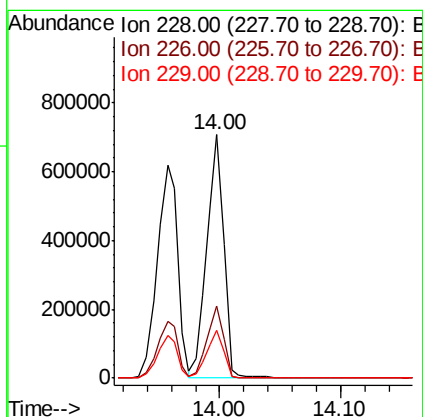
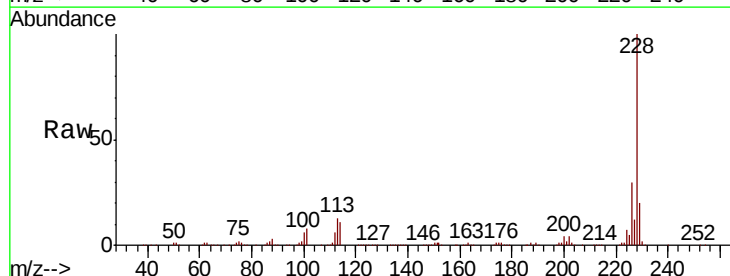
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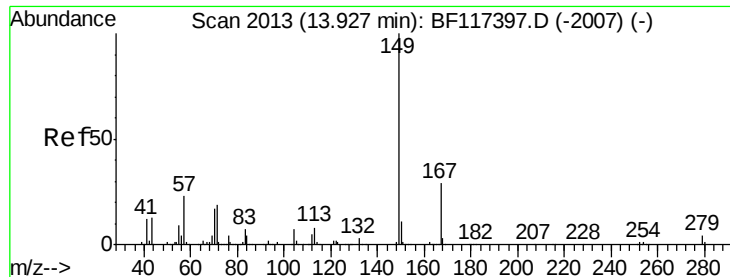
mohammad
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#83
Chrysene
Concen: 96.246 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	19.8	15.7	23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 121.607 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA_F

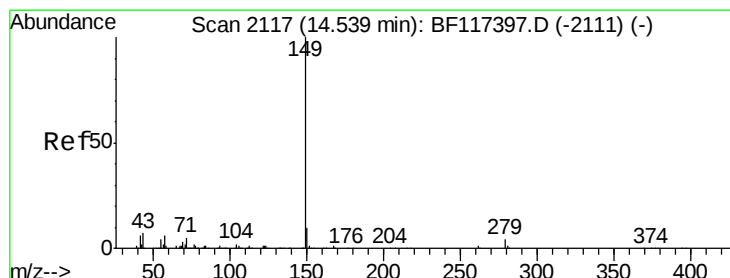
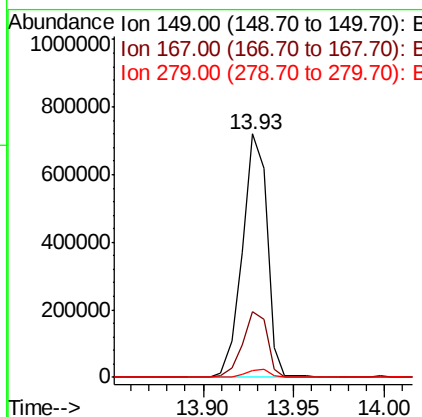
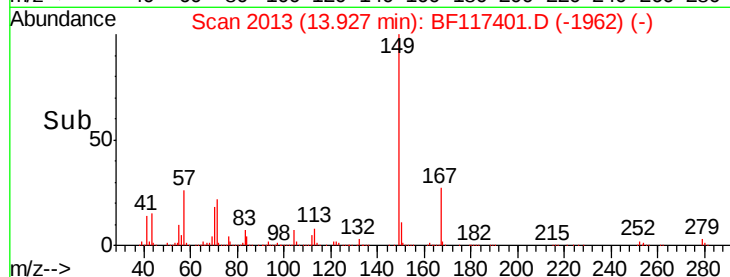
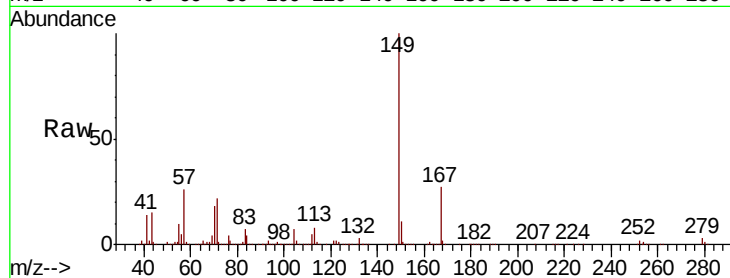
ClientSampleId :

SSTDICC100

Tot Ion:	149	Resp:	681763
Ion Ratio	Lower	Upper	
149	100		
167	26.8	23.0	34.6
279	3.0	3.0	4.6#

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#85

Di-n-octyl phthalate

Concen: 113.386 ng

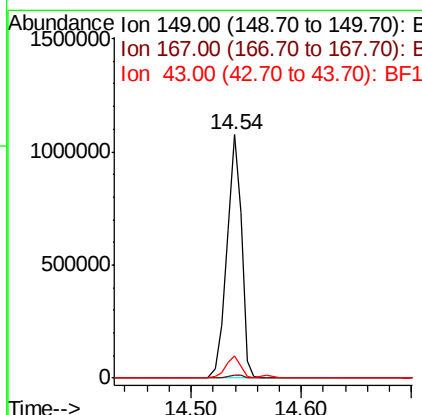
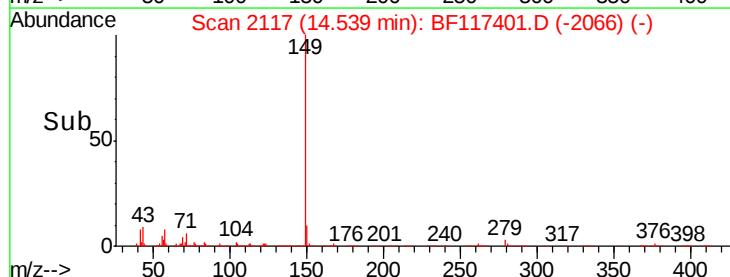
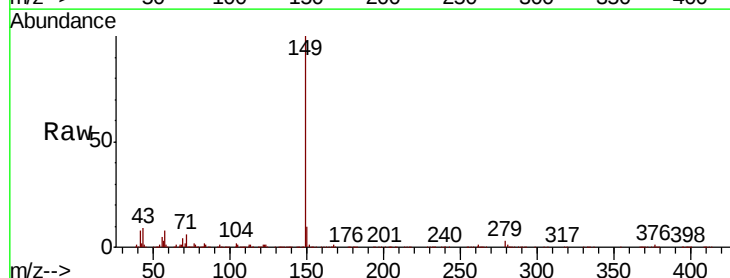
RT: 14.54 min Scan# 2117

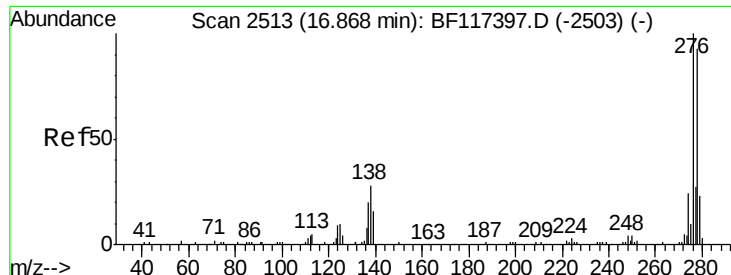
Delta R.T. 0.00 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Tgt Ion:	149	Resp:	1000507
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.1	6.6	9.8





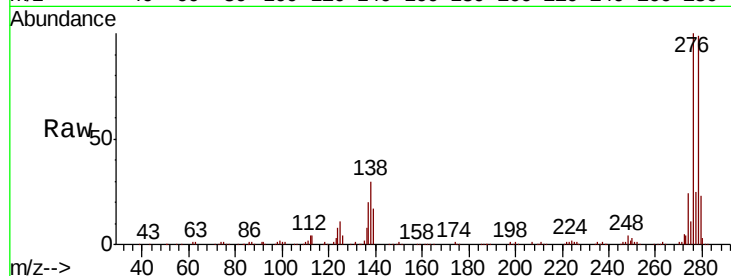
#86
Indeno(1,2,3-cd)pyrene
Concen: 100.081 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.5	32.3
277	25.0	20.1	30.1

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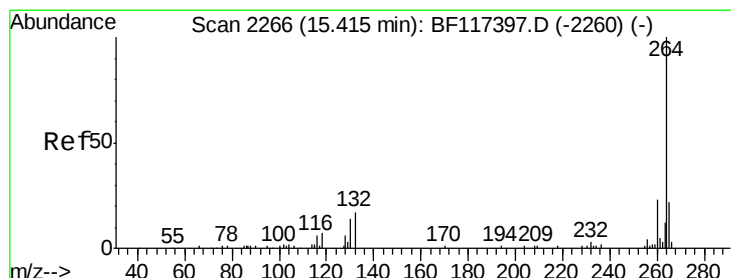
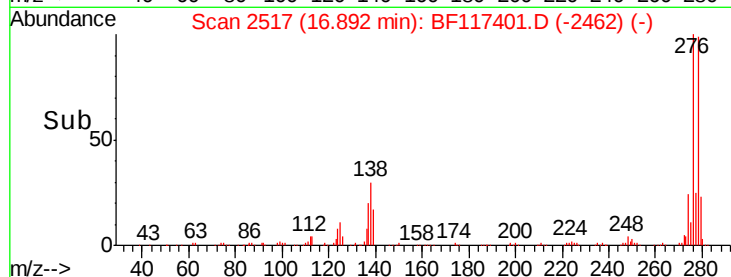
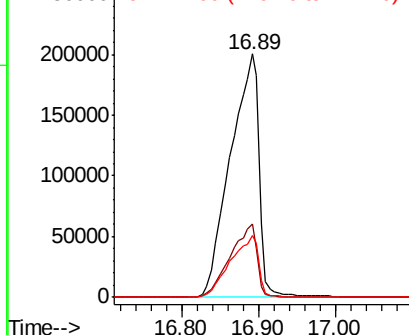


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

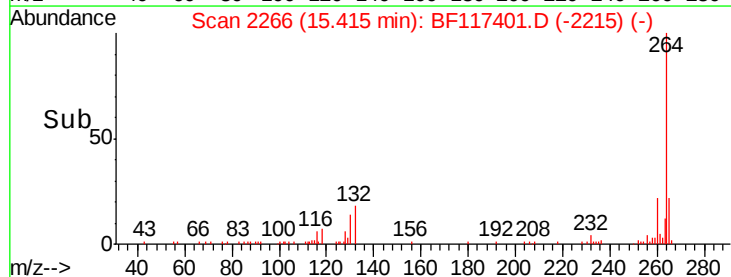
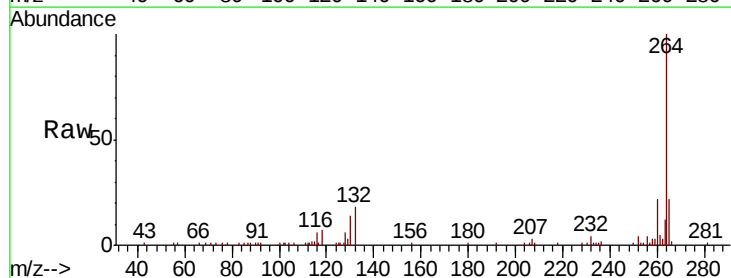
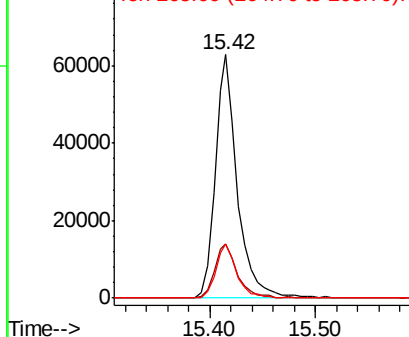
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	22.2	17.4	26.0

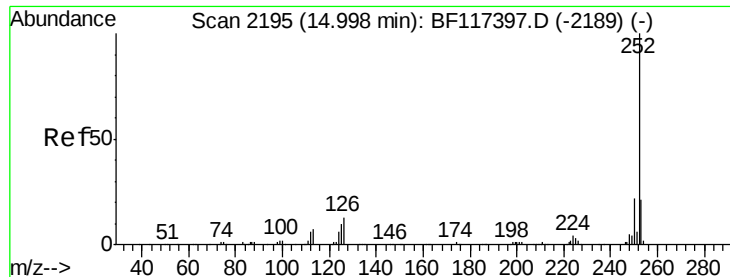
Abundance

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





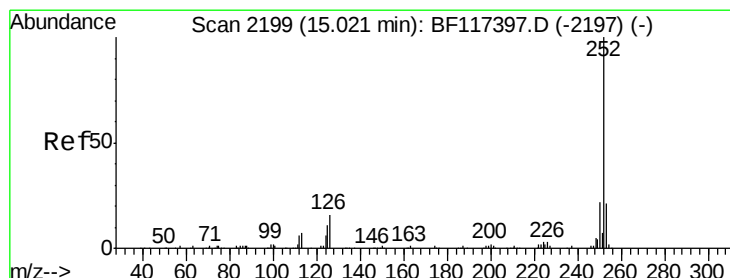
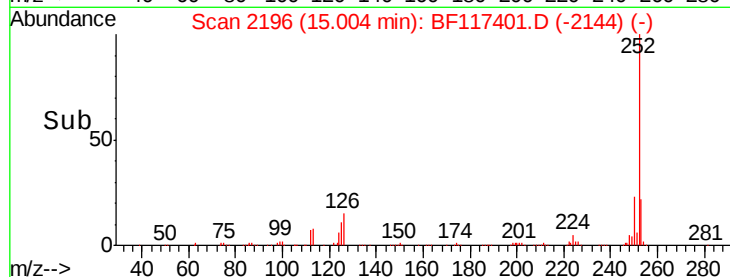
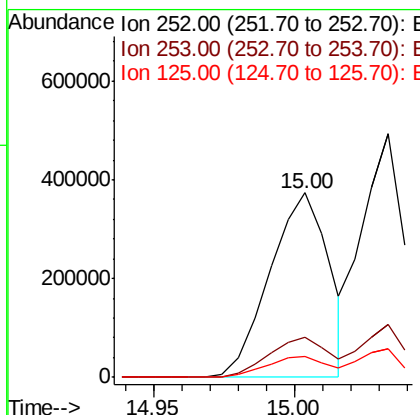
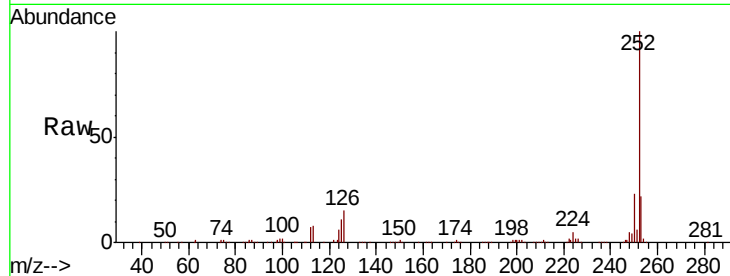
#88
Benzo(b)fluoranthene
Concen: 98.423 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.1	8.2	12.2

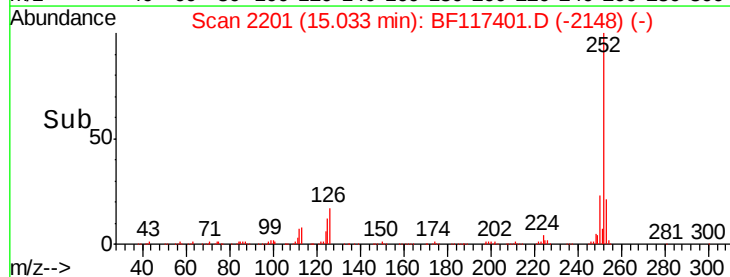
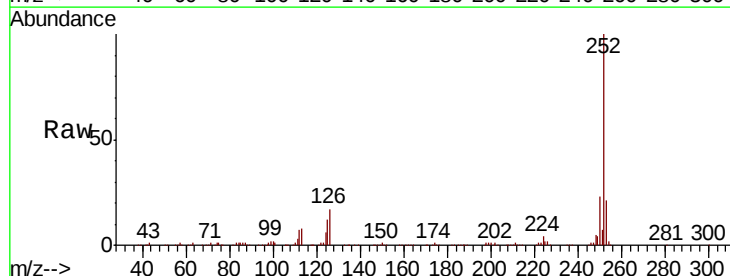
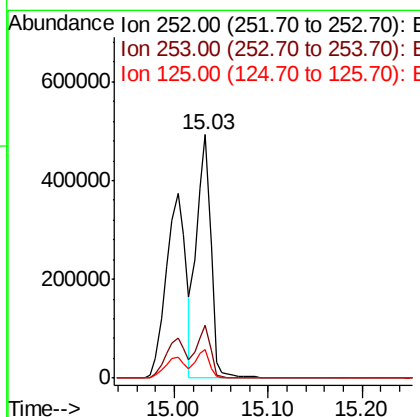
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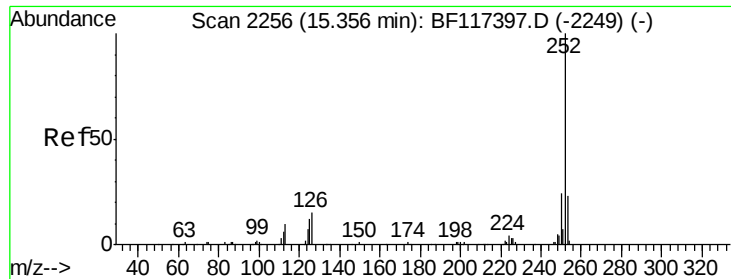
mohammad
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#89
Benzo(k)fluoranthene
Concen: 98.811 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.9	9.4	14.2





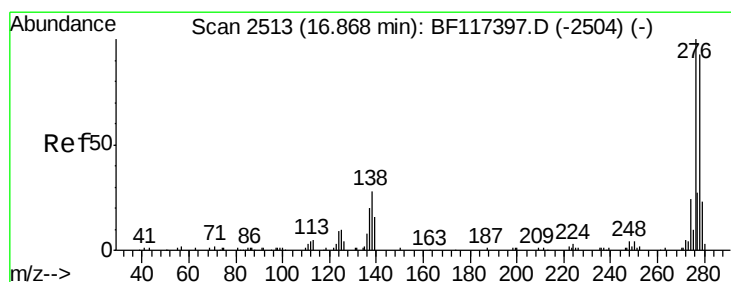
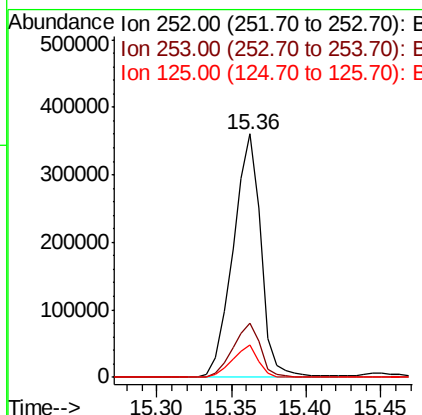
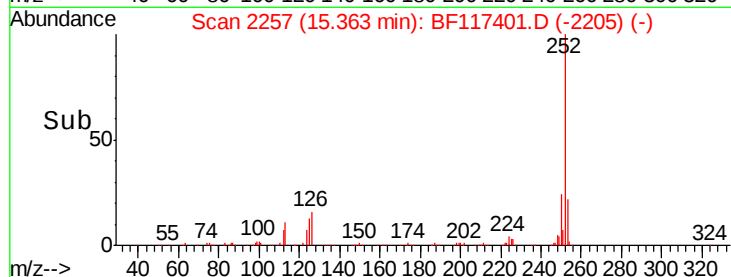
#90
Benzo(a)pyrene
Concen: 97.244 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:	252	Resp:	471637
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	13.4	9.4	14.0

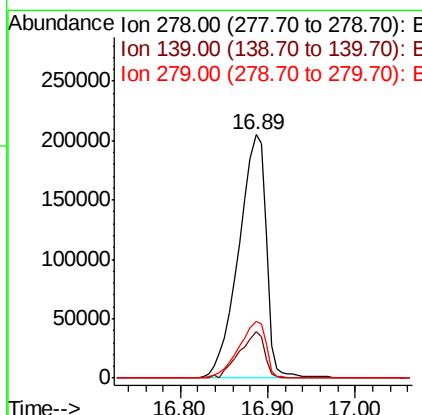
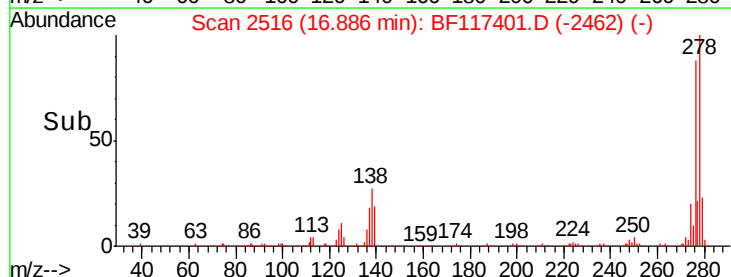
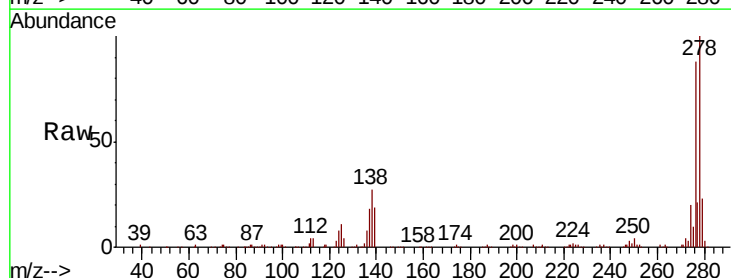
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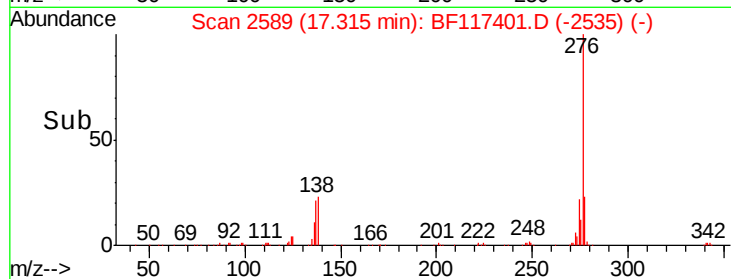
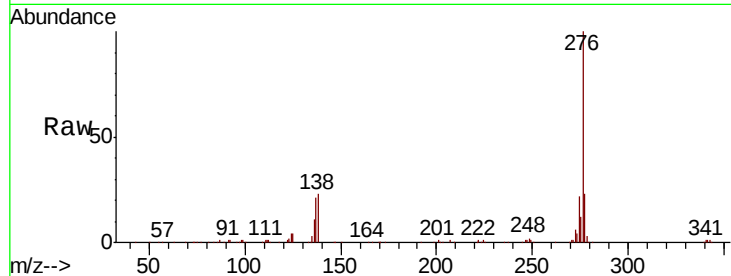
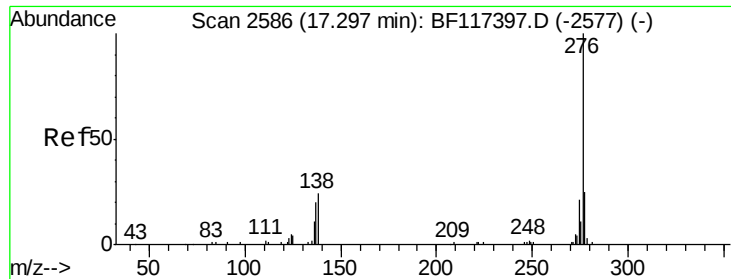
mohammad
10/16/2019 8:10:27 AM



#91
Dibenzo(a,h)anthracene
Concen: 112.907 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117401.D
Acq: 14 Oct 2019 14:49

Tgt Ion:	278	Resp:	436238
Ion Ratio	Lower	Upper	
278	100		
139	19.1	14.1	21.1
279	23.1	19.8	29.6





#92
 Benzo(a,h,i)perylene
 Concen: 110.761 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. 0.02 min
 Lab File: BF117401.D
 Acq: 14 Oct 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.9	29.9
138	23.2	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:10:27 AM

