

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115390.D
 Acq On : 5 Jul 2019 11:36
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM

Quant Time: Jul 05 13:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145821	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	619039	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	314219	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	599987	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384739	20.00	ng	0.00
87) Perylene-d12	15.53	264	332216	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1739198	184.05	ng	0.00
7) Phenol-d6	6.54	99	2176422	189.76	ng	0.02
23) Nitrobenzene-d5	7.47	82	2032194	201.94	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	634148	191.38	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2961239	160.08	ng	0.00
79) Terphenyl-d14	13.01	244	3348370	185.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	454968	102.019	ng	100
3) Pyridine	3.47	79	1268527	100.920	ng	97
4) n-Nitrosodimethylamine	3.43	42	510152	103.530	ng	95
6) Aniline	6.57	93	1591235	100.947	ng	99
8) 2-Chlorophenol	6.69	128	975210	91.781	ng	98
10) Phenol	6.55	94	1309505	97.471	ng	86
11) bis(2-Chloroethyl)ether	6.64	93	995150	100.486	ng	97
12) 1,3-Dichlorobenzene	6.85	146	1049438	88.994	ng	98
13) 1,4-Dichlorobenzene	6.92	146	1047511	88.585	ng	100
14) 1,2-Dichlorobenzene	7.07	146	932565	85.161	ng	99
15) Benzyl Alcohol	7.05	79	884833	105.948	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1366907	95.165	ng	98
17) 2-Methylphenol	7.15	107	877529	100.055	ng	99
18) Hexachloroethane	7.42	117	411003	96.410	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	774199	105.436	ng	100
20) 3+4-Methylphenols	7.31	107	913394	90.193	ng	91
22) Acetophenone	7.32	105	1284305	90.624	ng	# 95
24) Nitrobenzene	7.49	77	1126424	101.604	ng	97
25) Isophorone	7.73	82	2196044	106.528	ng	99
26) 2-Nitrophenol	7.80	139	536753	98.038	ng	99
27) 2,4-Dimethylphenol	7.84	122	868265	96.860	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	1291405	99.114	ng	99
29) 2,4-Dichlorophenol	8.04	162	862146	93.197	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	925643	90.587	ng	99
31) Naphthalene	8.21	128	2635988	86.747	ng	99
32) Benzoic acid	8.00	122	740417	115.714	ng	99
33) 4-Chloroaniline	8.25	127	1280967	92.238	ng	99
34) Hexachlorobutadiene	8.33	225	513476	91.697	ng	98
35) Caprolactam	8.66	113	324878m	104.455	ng	
36) 4-Chloro-3-methylphenol	8.73	107	926301	98.873	ng	100
37) 2-Methylnaphthalene	8.90	142	1762130	86.005	ng	99
38) 1-Methylnaphthalene	9.00	142	1669497	85.318	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	772268	86.974	ng	99
41) Hexachlorocyclopentadiene	9.06	237	484297	91.983	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115390.D
 Acq On : 5 Jul 2019 11:36
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM

Quant Time: Jul 05 13:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	614769	89.680	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	635411	90.008	nq	96
46) 1,1'-Biphenyl	9.36	154	2043356	81.273	nq	98
47) 2-Chloronaphthalene	9.39	162	1767029	86.644	nq	98
48) 2-Nitroaniline	9.48	65	612919	103.086	nq	92
49) Acenaphthylene	9.80	152	2657738	83.644	nq	98
50) Dimethylphthalate	9.67	163	2084838	90.183	nq	99
51) 2,6-Dinitrotoluene	9.73	165	511963	95.924	nq	# 82
52) Acenaphthene	9.97	154	1695878	85.293	nq	100
53) 3-Nitroaniline	9.90	138	587659	90.227	nq	95
54) 2,4-Dinitrophenol	9.99	184	231381	98.277	nq	# 65
55) Dibenzofuran	10.15	168	2287615	80.162	nq	99
56) 4-Nitrophenol	10.05	139	463378	88.743	nq	97
57) 2,4-Dinitrotoluene	10.13	165	662714	96.165	nq	95
59) 2,3,4,6-Tetrachlorophenol	10.26	232	523888	88.502	nq	98
60) Diethylphthalate	10.37	149	2003490	86.216	nq	98
62) 4-Nitroaniline	10.52	138	578745	88.575	nq	99
63) Azobenzene	10.64	77	2076973	95.690	nq	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	318073	106.451	nq	97
66) n-Nitrosodiphenylamine	10.60	169	1639516	87.710	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	614327	94.438	nq	99
68) Hexachlorobenzene	11.04	284	678166	96.046	nq	100
69) Atrazine	11.13	200	469701	78.114	nq	99
70) Pentachlorophenol	11.22	266	435099	96.726	nq	100
71) Phenanthrene	11.45	178	2670580	82.670	nq	99
72) Anthracene	11.50	178	2632021	80.715	nq	98
73) Carbazole	11.65	167	2486476	85.392	nq	98
74) Di-n-butylphthalate	11.99	149	2840199	84.409	nq	99
75) Fluoranthene	12.63	202	2785894	86.435	nq	99
78) Pyrene	12.87	202	2829187	95.686	nq	99
80) Butylbenzylphthalate	13.48	149	1296599	99.368	nq	96
81) Benzo(a)anthracene	14.05	228	2159666	78.231	nq	98
82) 3,3'-Dichlorobenzidine	14.01	252	743485	74.579	nq	98
83) Chrysene	14.09	228	2255806	89.205	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1433595	83.848	nq	99
85) Di-n-octyl phthalate	14.66	149	2595030	90.335	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1920863	64.193	nq	# 100
88) Benzo(b)fluoranthene	15.11	252	2203947	106.320	nq	99
89) Benzo(k)fluoranthene	15.14	252	1778065	95.648	nq	99
90) Benzo(a)pyrene	15.47	252	1782728	95.417	nq	100
91) Dibenzo(a,h)anthracene	17.04	278	1555977	89.207	nq	99
92) Benzo(g,h,i)perylene	17.47	276	1578105	89.392	nq	99

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

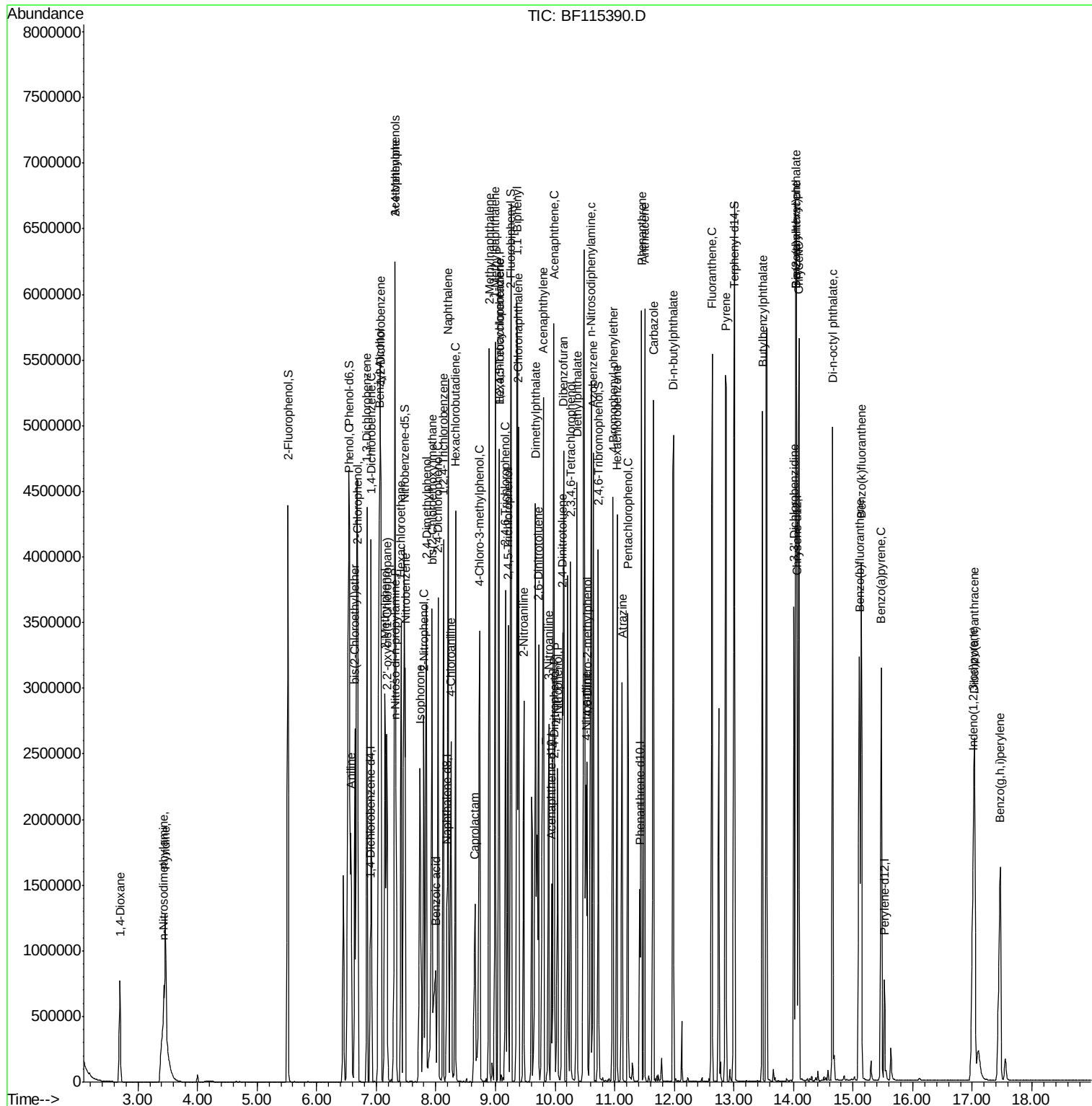
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115390.D
 Acq On : 5 Jul 2019 11:36
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

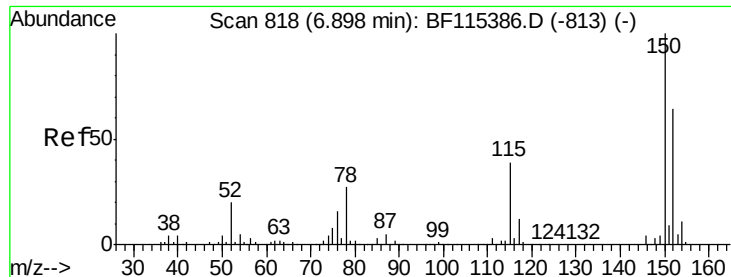
Instrument :
 BNA_F
 Client Sample ID :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM

Quant Time: Jul 05 13:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration





#1

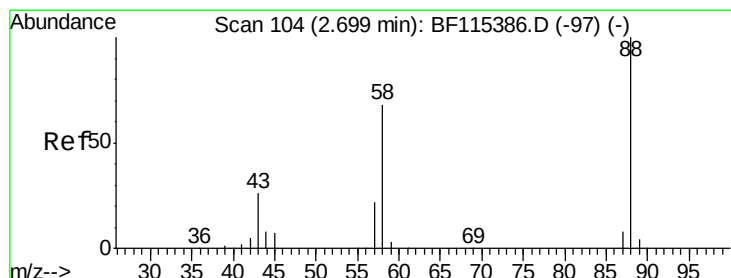
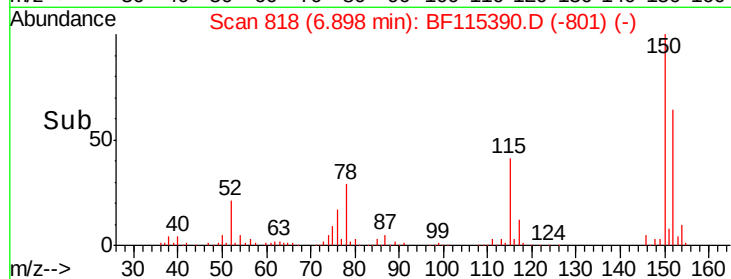
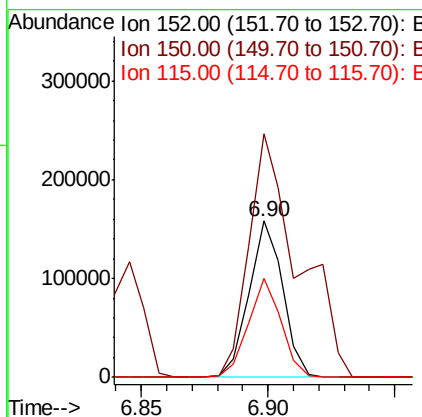
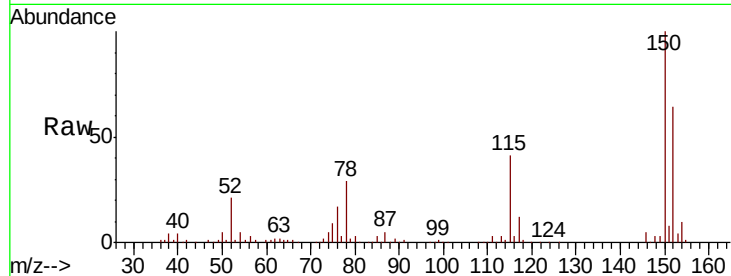
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	63.7	48.1	72.1

Manual Integrations
APPROVED

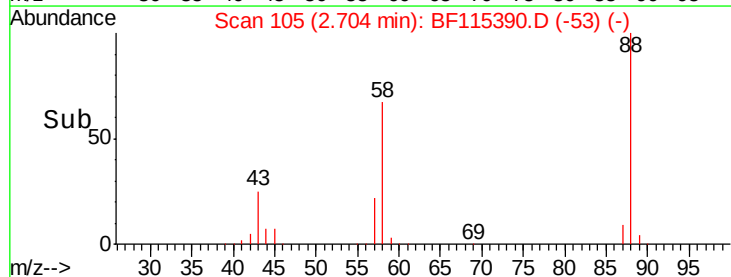
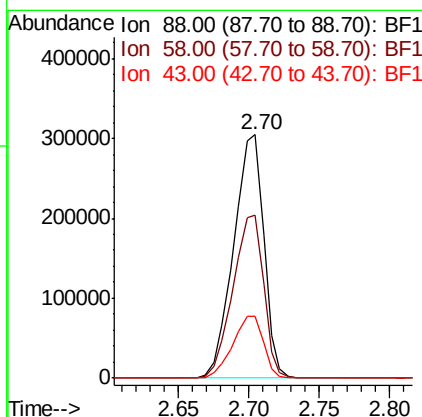
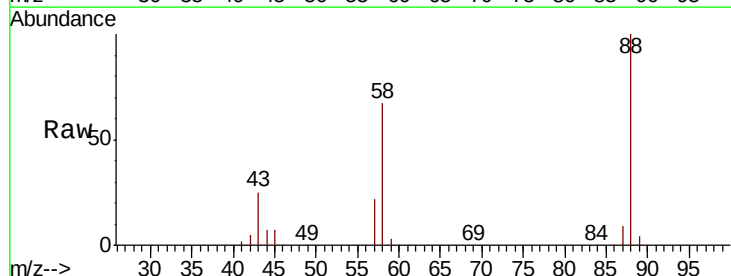
mohammad
7/8/2019 2:12:51 PM

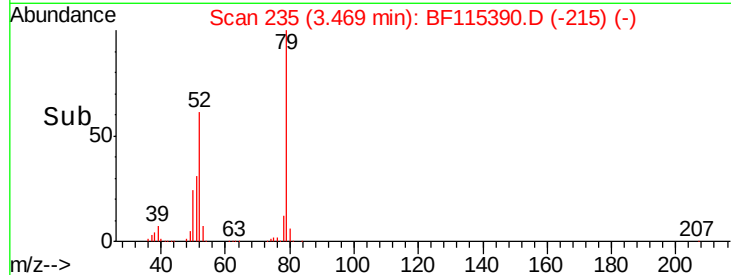
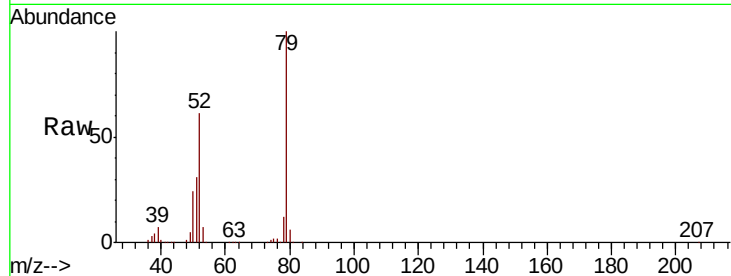
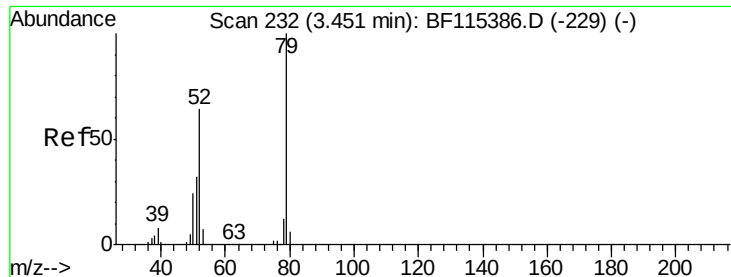


#2

1,4-Dioxane
Concen: 102.019 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	54.6	82.0
43	25.9	21.4	32.0





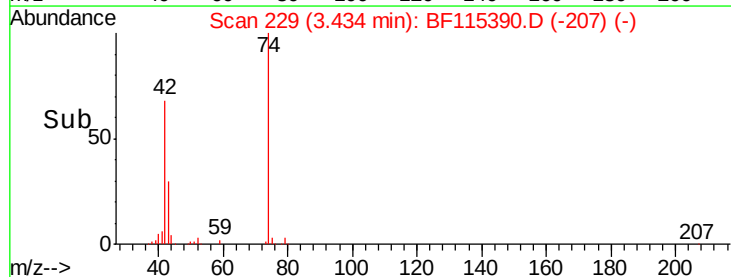
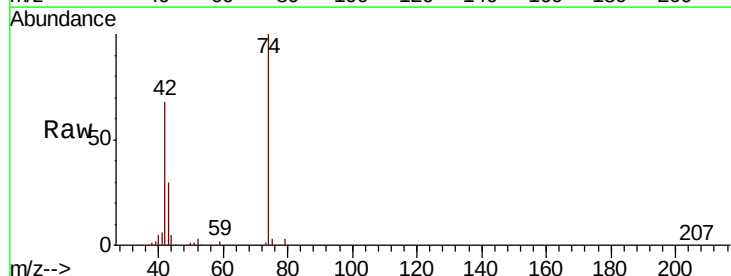
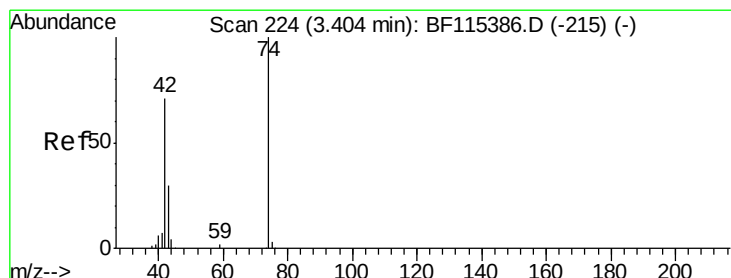
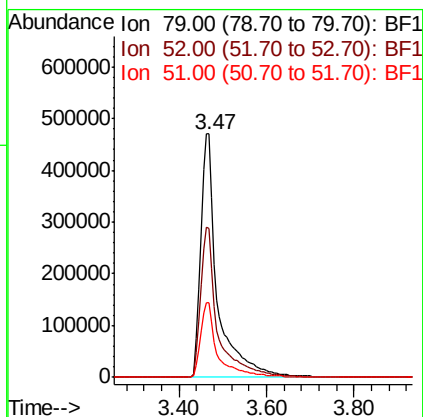
#3
Pvridine
Concen: 100.920 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tot Ion:	79	Resp:	1268527
Ion	Ratio	Lower	Upper
79	100		
52	61.3	50.9	76.3
51	30.6	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

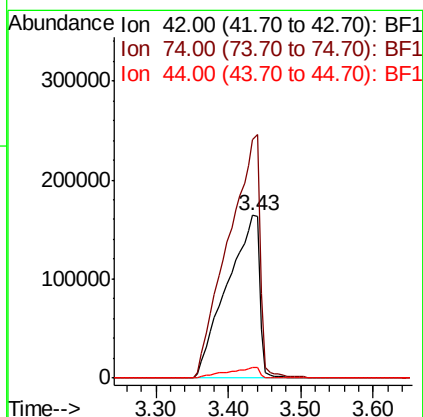
Manual Integrations
APPROVED

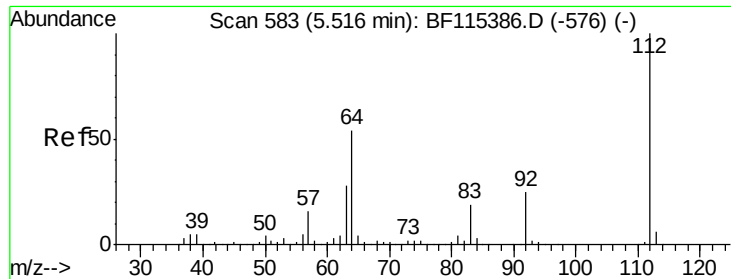
mohammad
7/8/2019 2:12:51 PM



#4
n-Nitrosodimethylamine
Concen: 103.530 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:	42	Resp:	510152
Ion	Ratio	Lower	Upper
42	100		
74	146.9	112.8	169.2
44	6.8	5.4	8.0





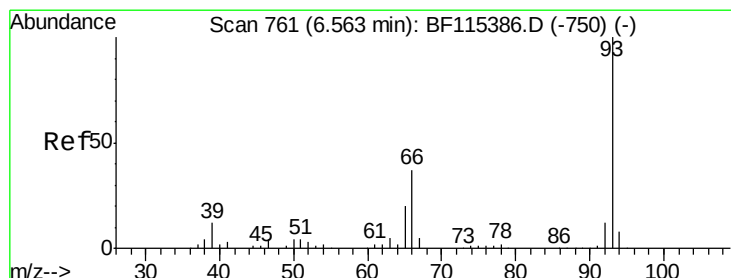
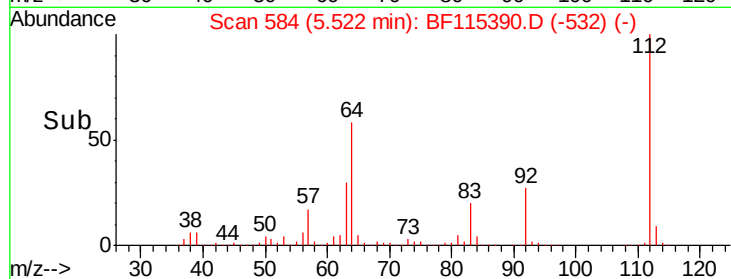
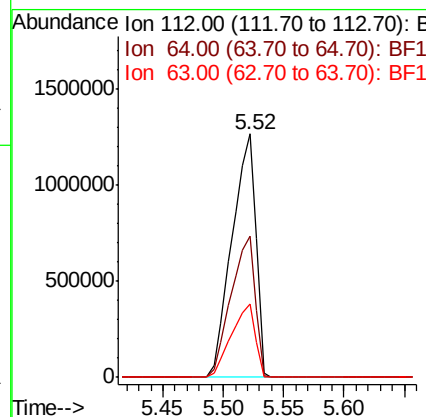
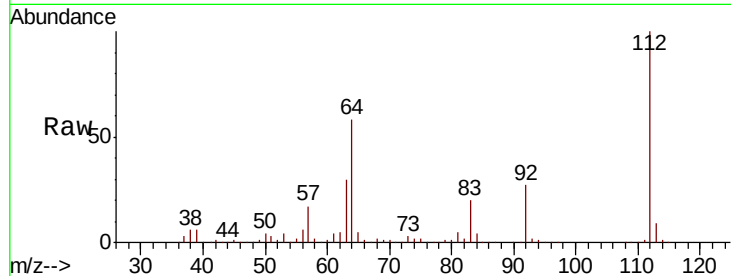
#5
2-Fluorophenol
Concen: 184.053 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion: 112 Resp: 1739198
Ion Ratio Lower Upper
112 100
64 58.1 43.0 64.6
63 30.0 22.2 33.2

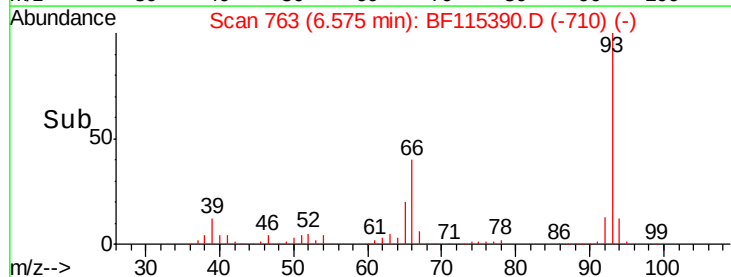
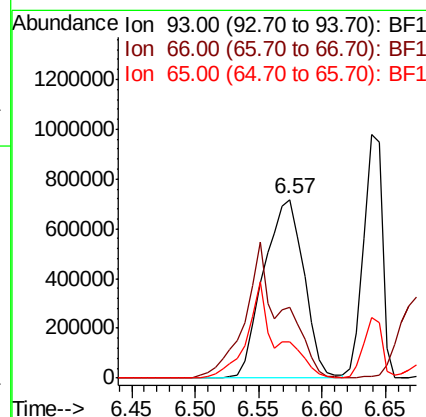
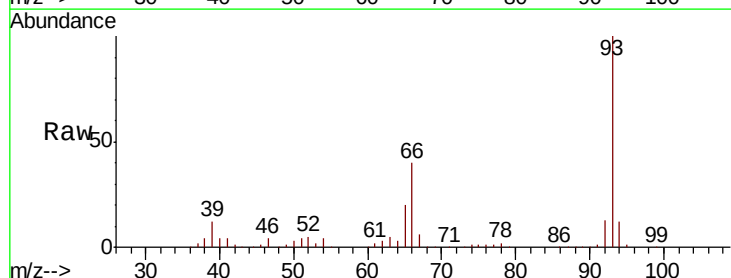
Manual Integrations
APPROVED

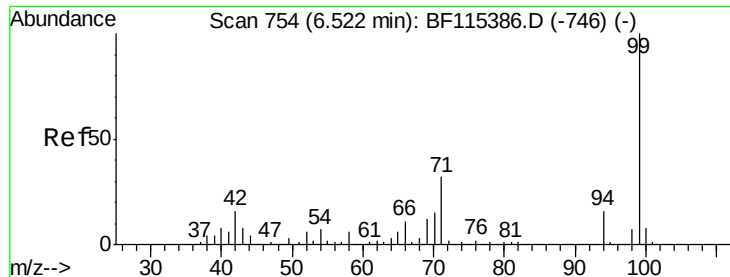
mohammad
7/8/2019 2:12:51 PM



#6
Aniline
Concen: 100.947 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 93 Resp: 1591235
Ion Ratio Lower Upper
93 100
66 39.5 30.8 46.2
65 20.3 16.0 24.0





#7

Phenol-d6

Concen: 189.760 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 99 Resp: 2176422

Ion Ratio Lower Upper

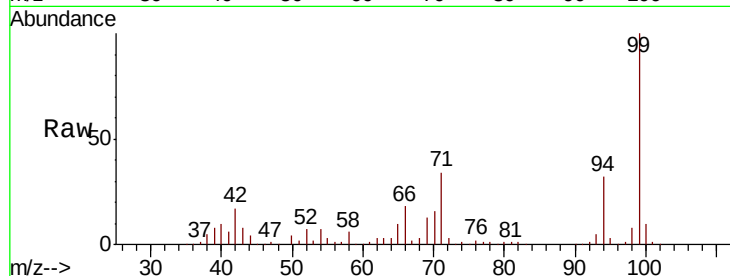
99 100

42 17.1 13.1 19.7

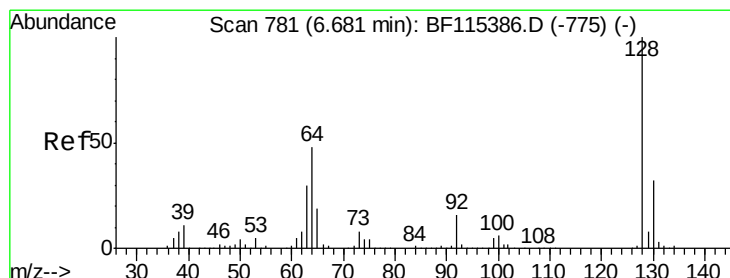
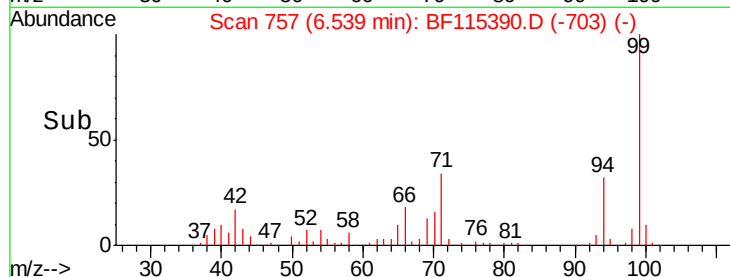
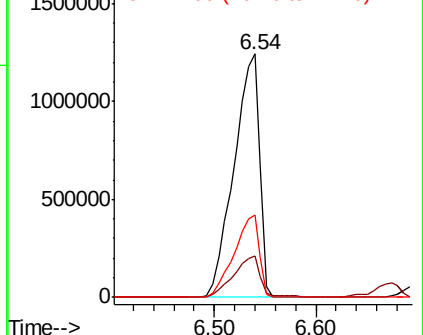
71 33.8 25.9 38.9

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



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: 91.781 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

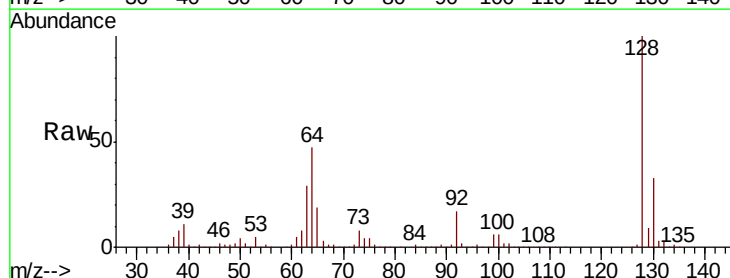
Tgt Ion: 128 Resp: 975210

Ion Ratio Lower Upper

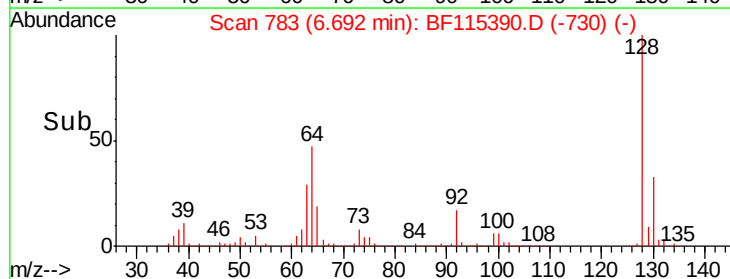
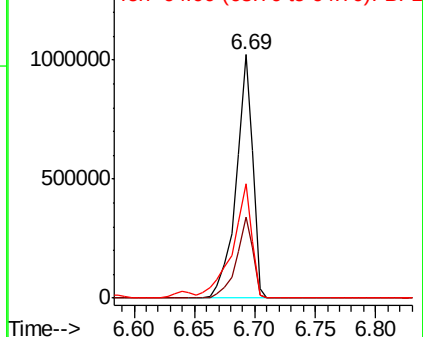
128 100

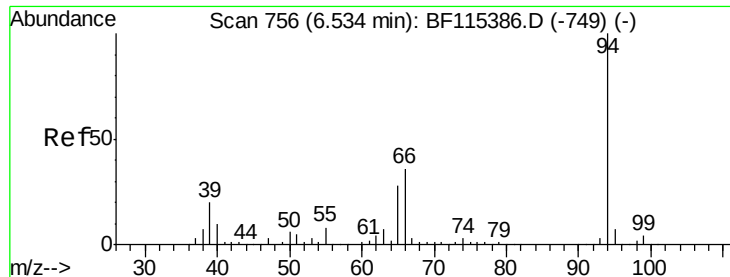
130 33.3 12.4 52.4

64 46.9 28.8 68.8



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





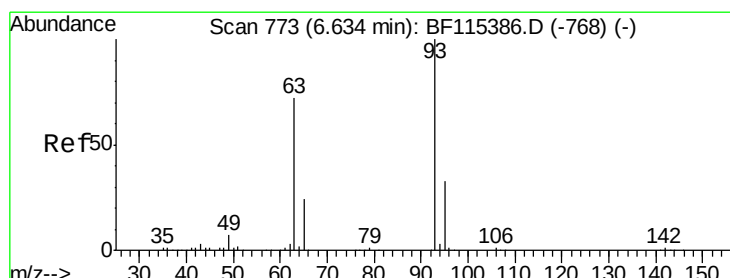
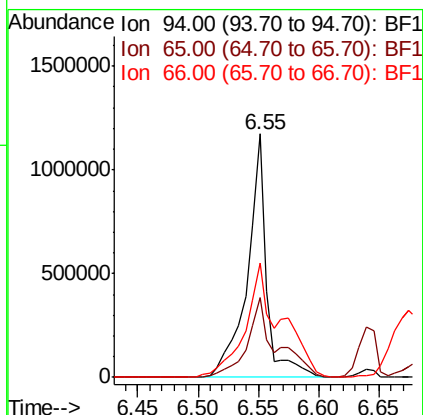
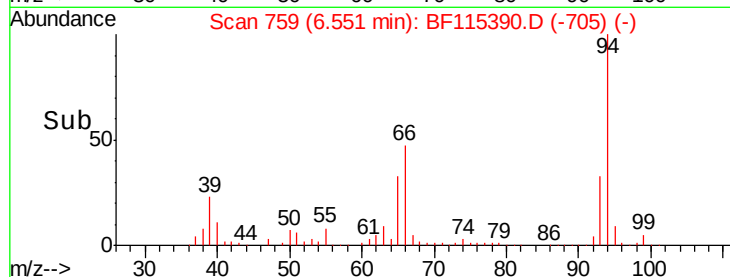
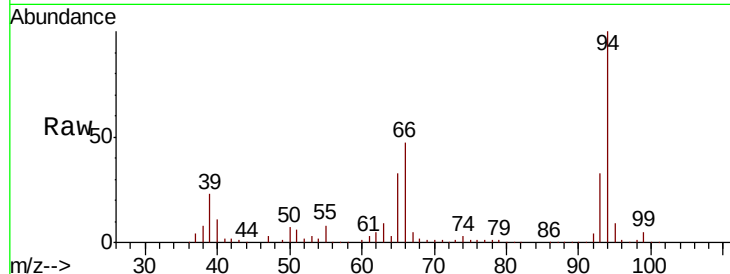
#10
Phenol
Concen: 97.471 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.0	8.0	48.0
66	46.8	16.2	56.2

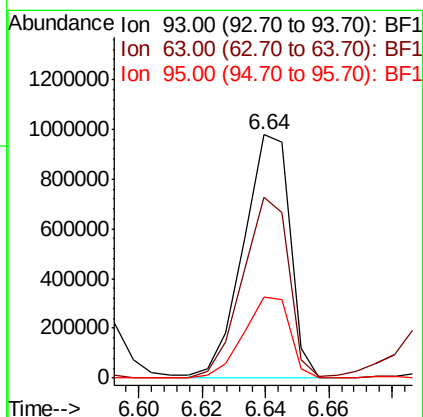
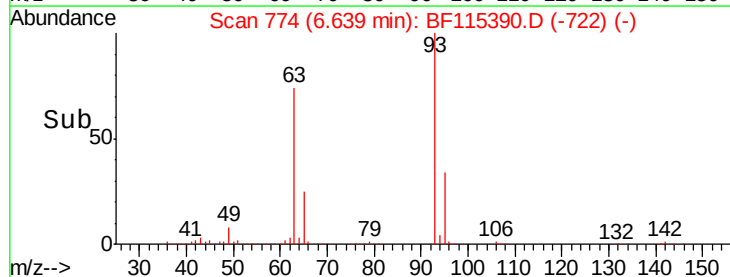
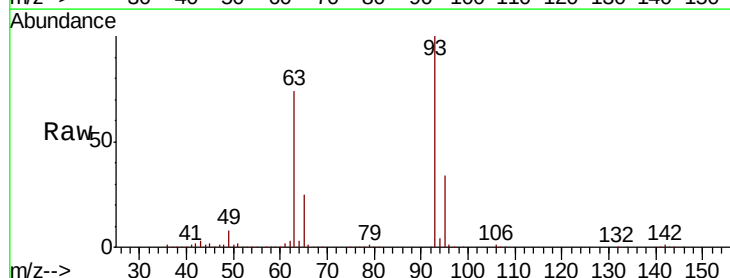
Manual Integrations
APPROVED

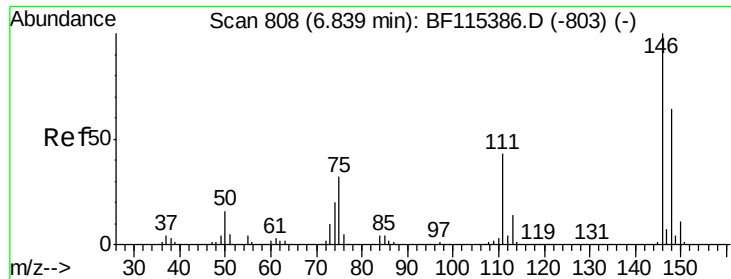
mohammad
7/8/2019 2:12:51 PM



#11
bis(2-Chloroethyl)ether
Concen: 100.486 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.2	51.5	91.5
95	33.5	12.9	52.9





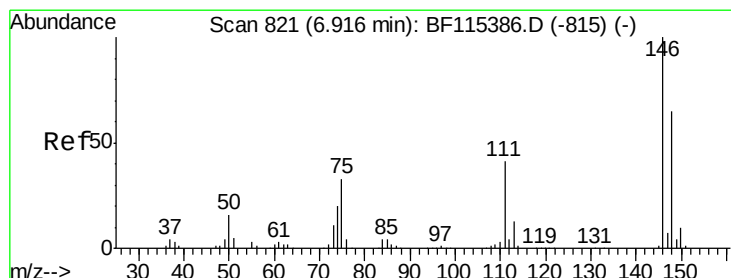
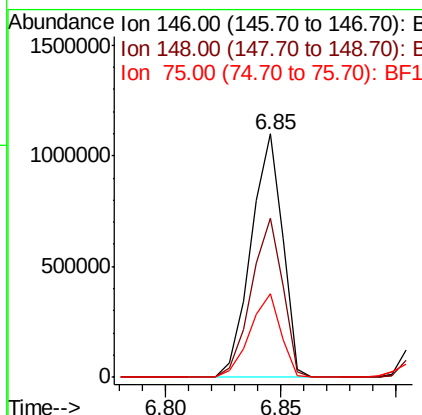
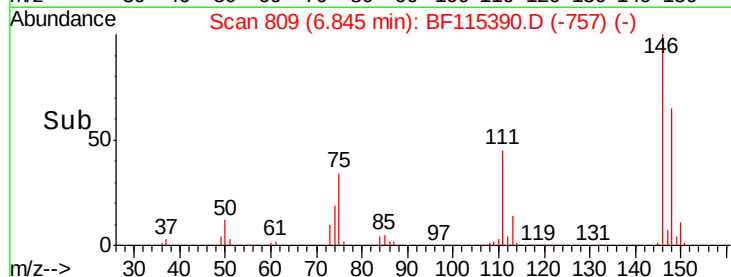
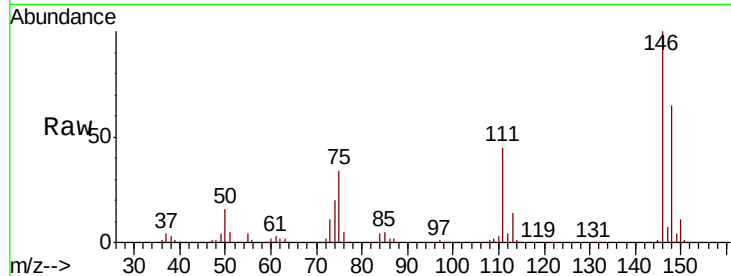
#12
 1,3-Dichlorobenzene
 Concen: 88.994 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.2	50.8	76.2	
75	34.2	25.9	38.9	

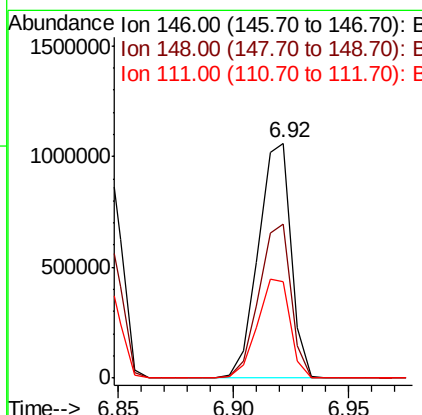
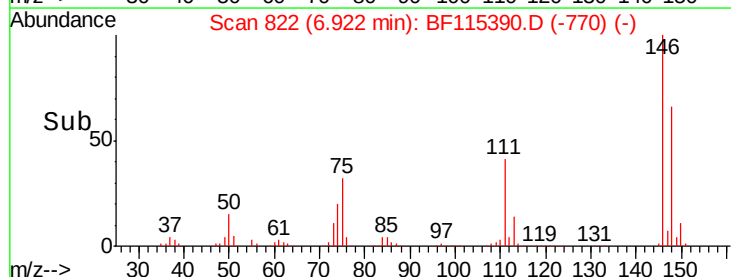
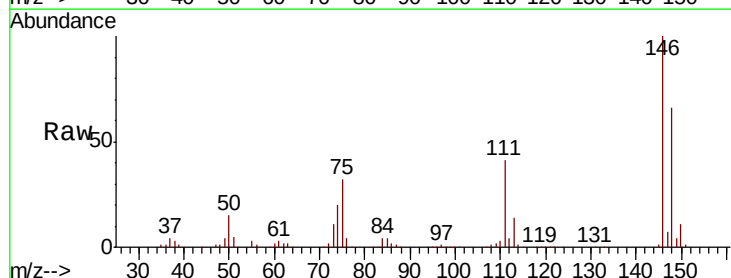
Manual Integrations
 APPROVED

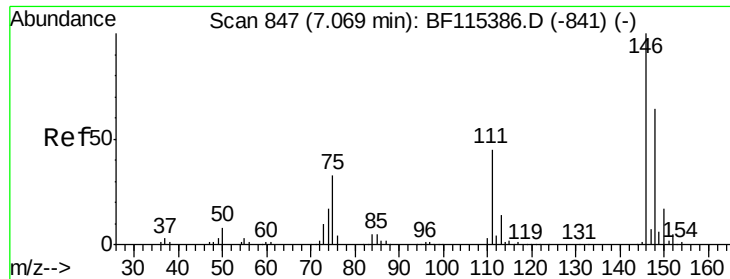
mohammad
 7/8/2019 2:12:51 PM



#13
 1,4-Dichlorobenzene
 Concen: 88.585 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.6	52.3	78.5	
111	41.1	33.0	49.4	





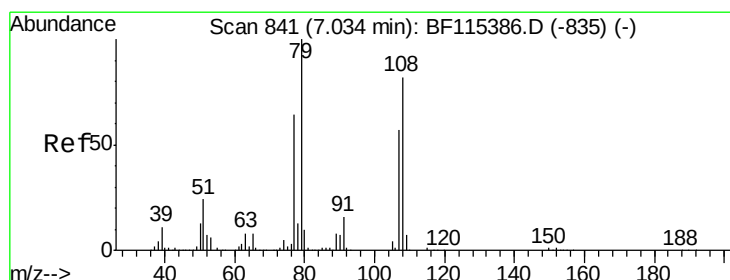
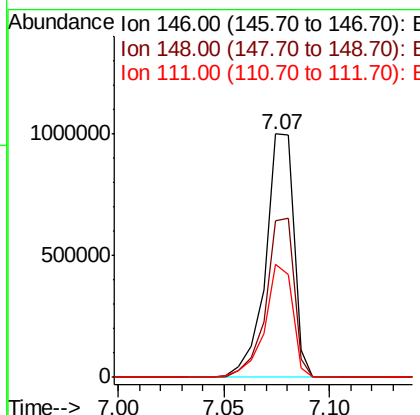
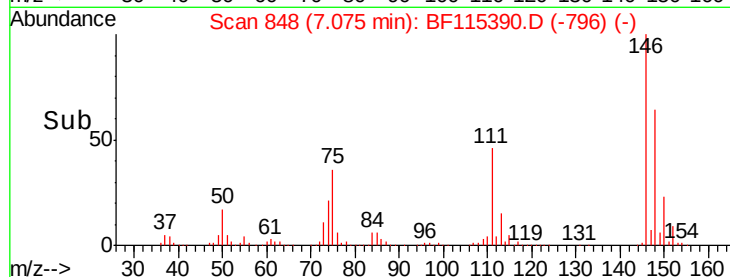
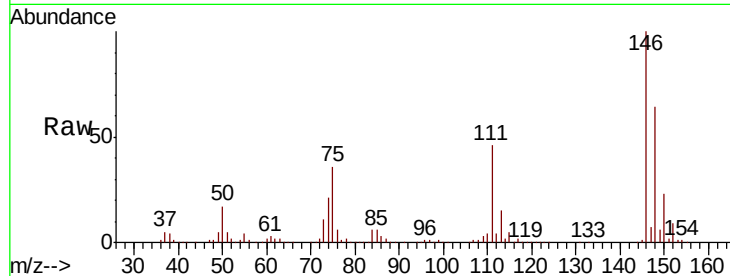
#14
1,2-Dichlorobenzene
Concen: 85.161 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	46.4	36.2	54.2

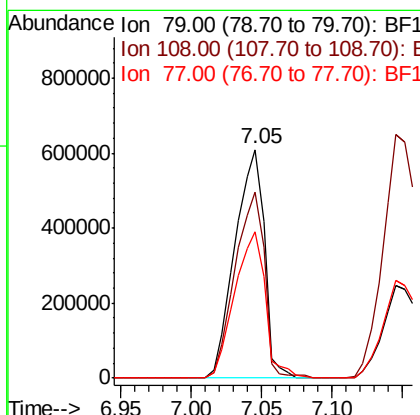
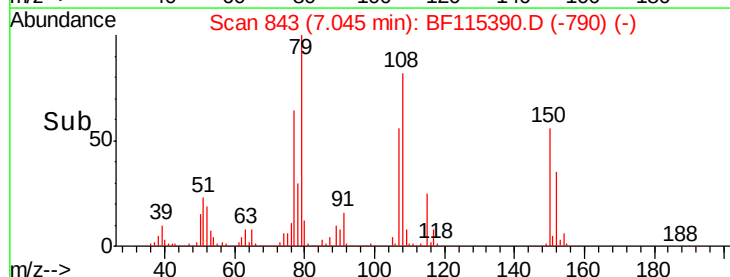
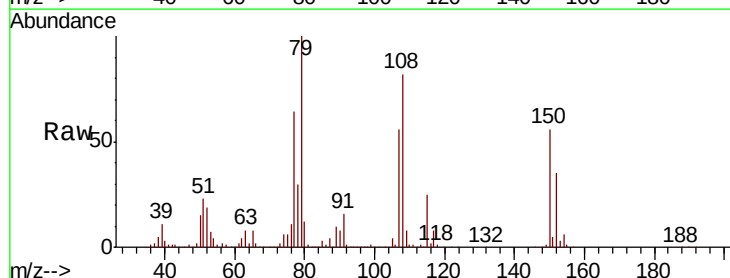
Manual Integrations
APPROVED

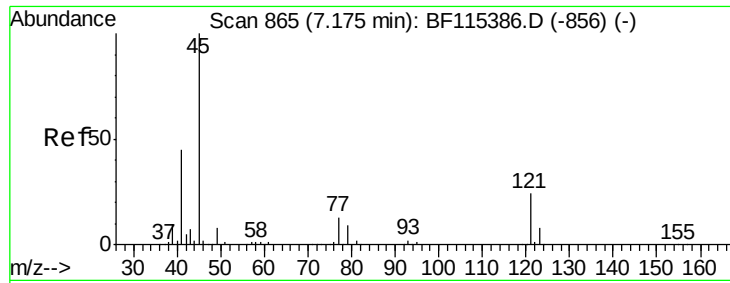
mohammad
7/8/2019 2:12:51 PM



#15
Benzyl Alcohol
Concen: 105.948 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.4	98.2
77	63.9	51.5	77.3





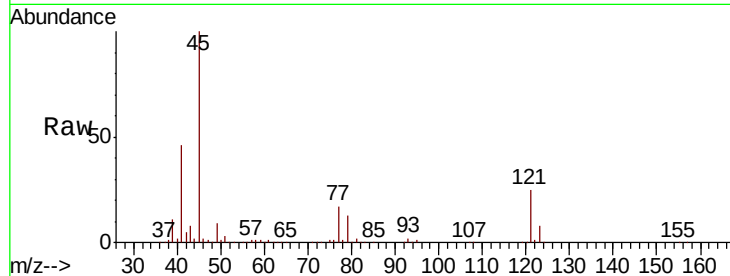
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 95.165 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.0
79	13.0	0.0	32.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

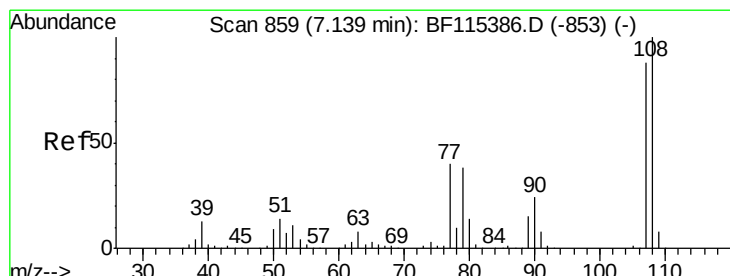
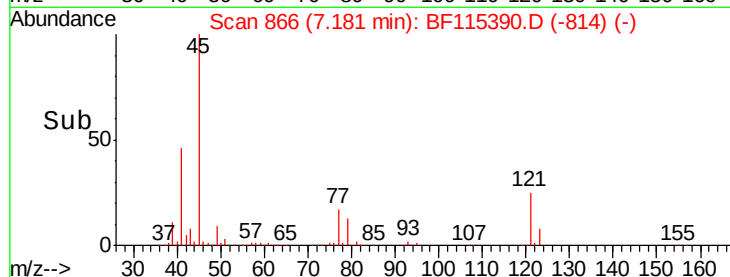
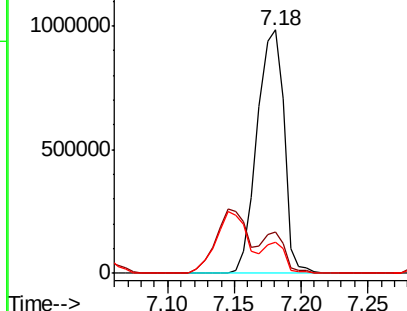


Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#17
2-Methylphenol
Concen: 100.055 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.7	136.1
77	46.0	36.3	54.5
79	43.8	34.9	52.3

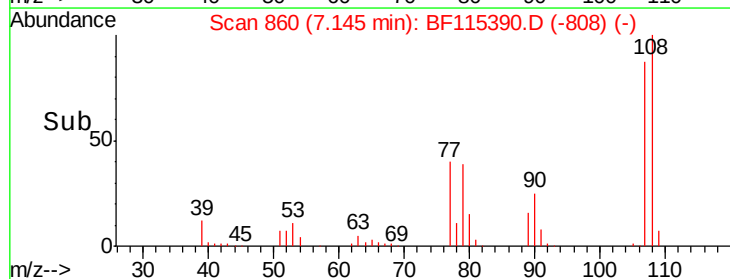
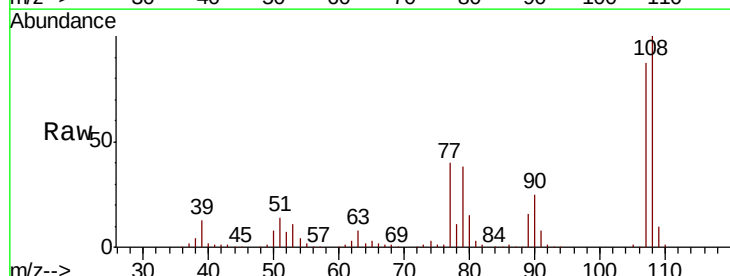
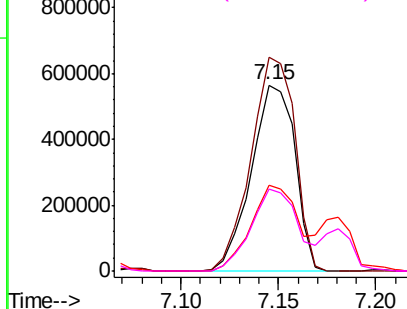
Abundance

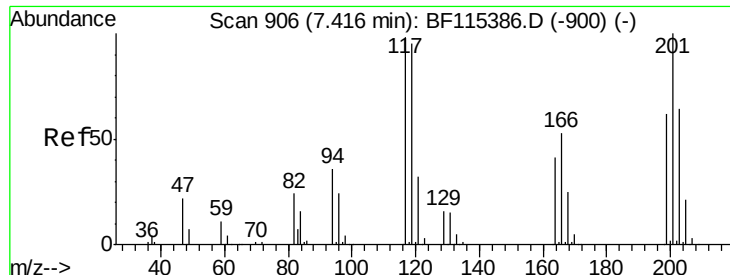
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





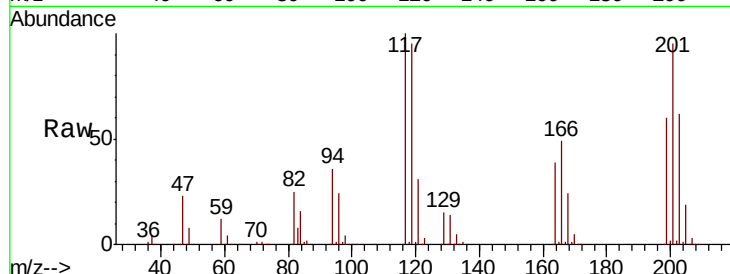
#18
Hexachloroethane
Concen: 96.410 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411003		
119	95.1	77.1	115.7	
201	95.4	81.3	121.9	

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

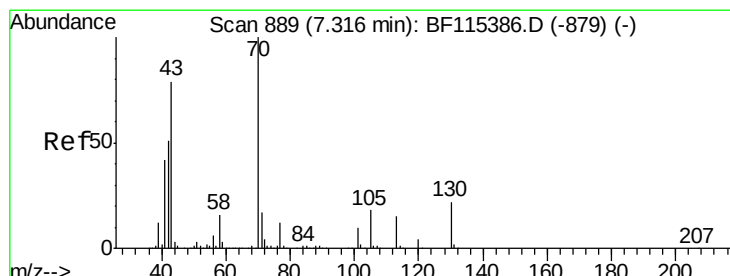
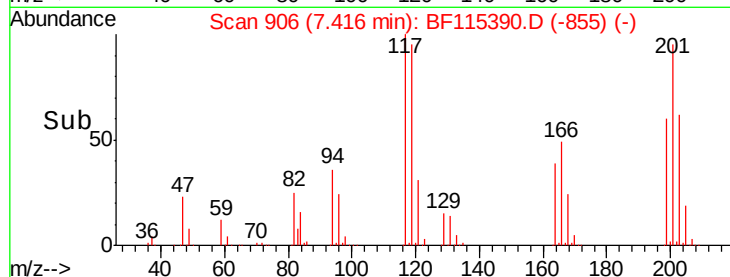
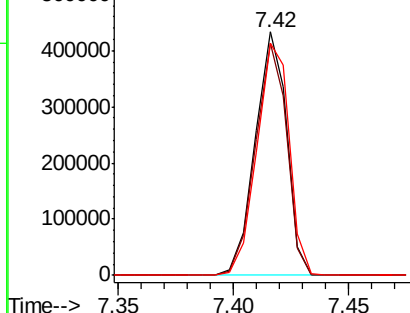


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 105.436 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	774199		
42	51.3	41.1	61.7	
101	10.1	8.0	12.0	
130	22.7	17.8	26.8	

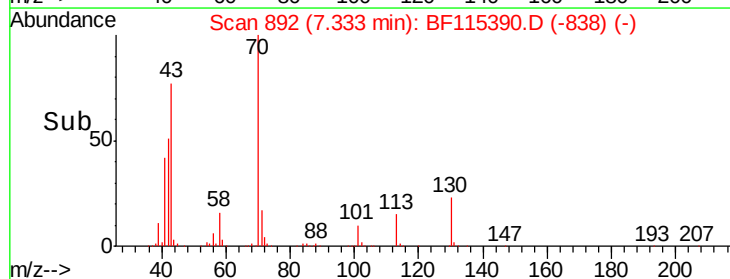
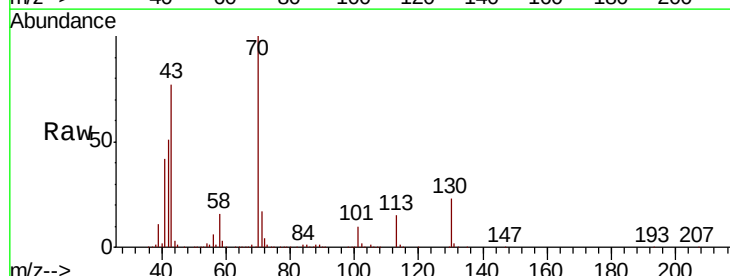
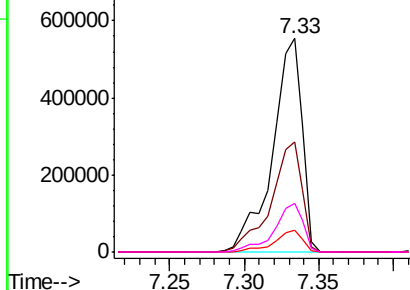
Abundance

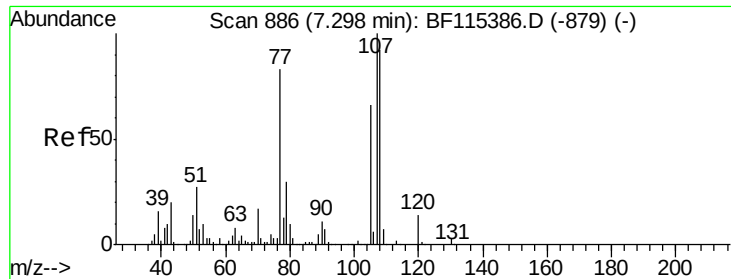
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 90.193 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

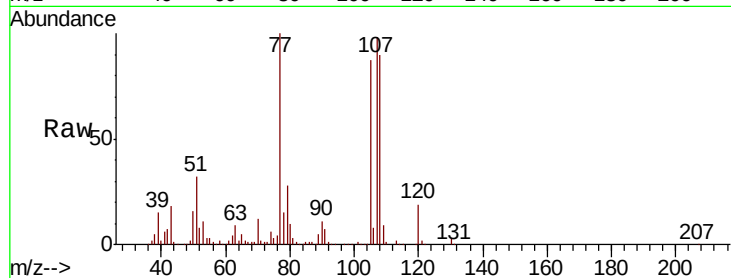
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.5	112.5
77	102.1	62.7	102.7
79	28.7	9.5	49.5

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



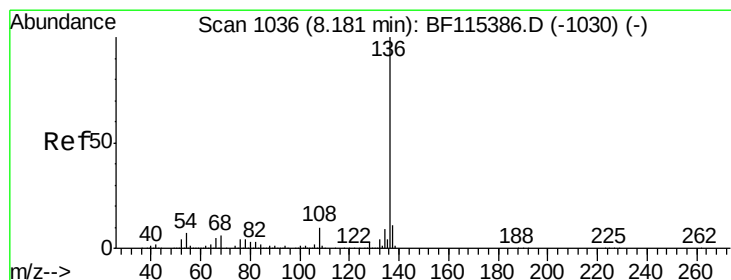
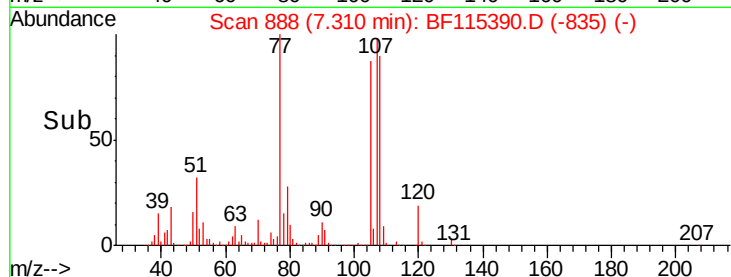
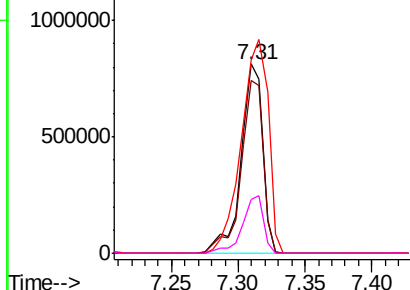
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	5.6	8.4
68	6.6	4.9	7.3

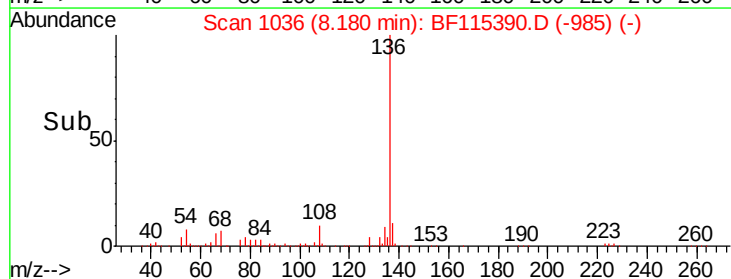
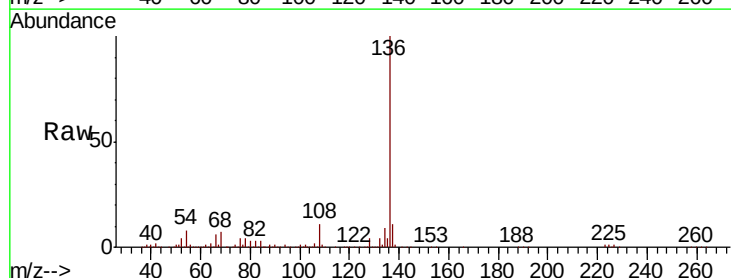
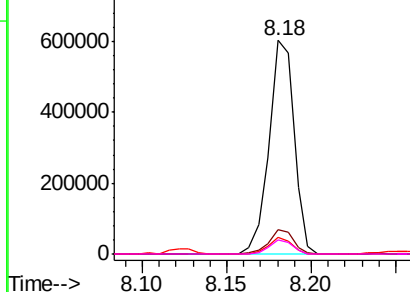
Abundance

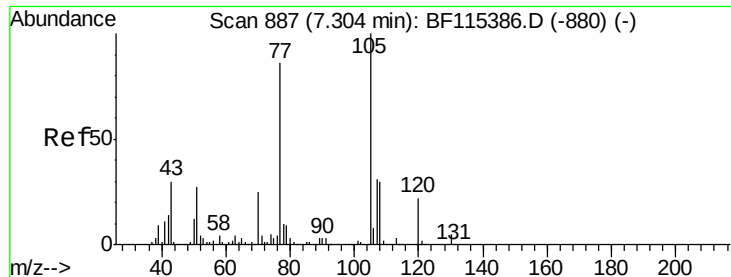
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 90.624 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:105 Resp: 1284305

Ion Ratio Lower Upper

105 100

71 6.4 3.3 4.9#

51 22.7 21.5 32.3

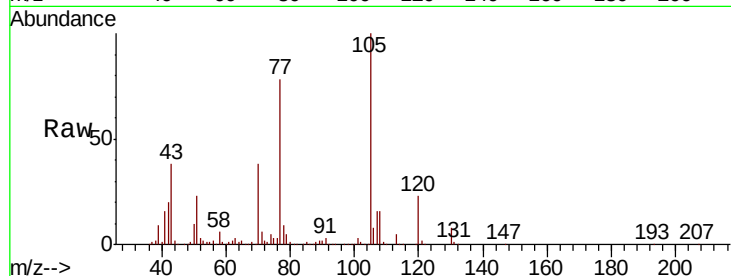
120 22.9 17.8 26.6

Manual Integrations

APPROVED

mohammad

7/8/2019 2:12:51 PM

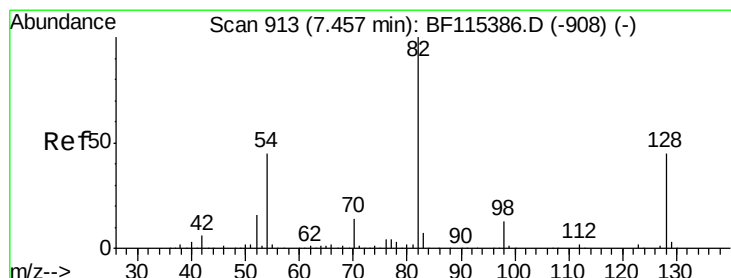
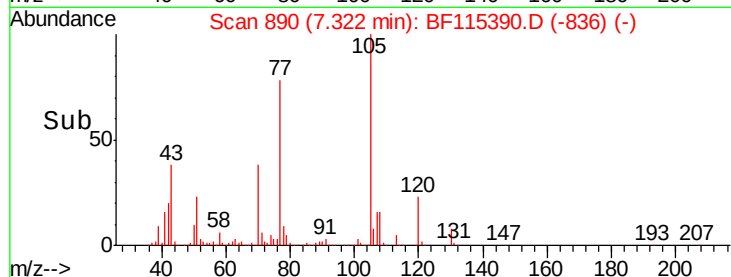
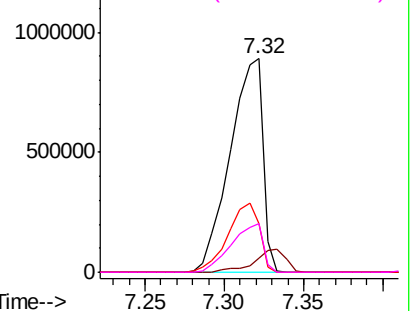


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 201.944 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

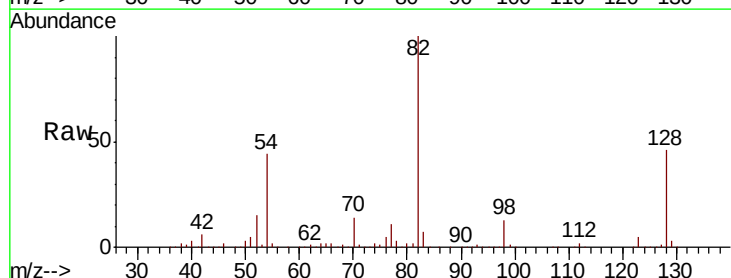
Tgt Ion: 82 Resp: 2032194

Ion Ratio Lower Upper

82 100

128 46.2 35.7 53.5

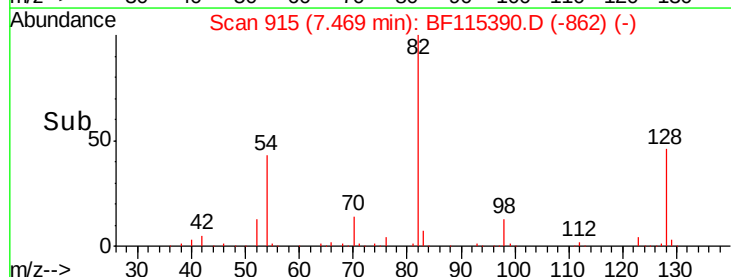
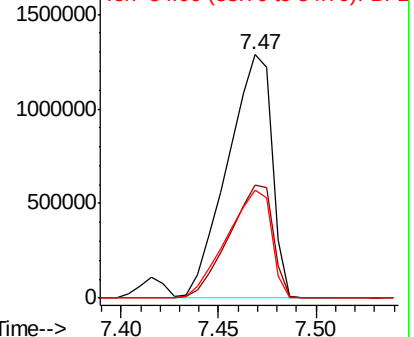
54 44.1 36.3 54.5

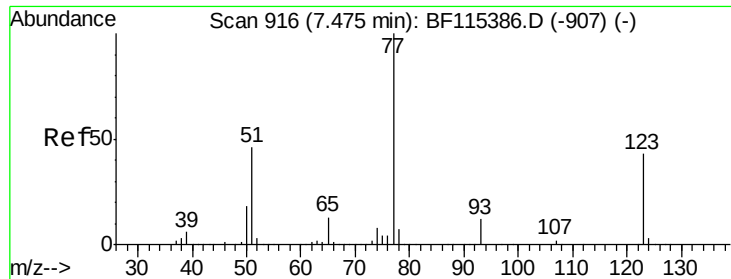


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





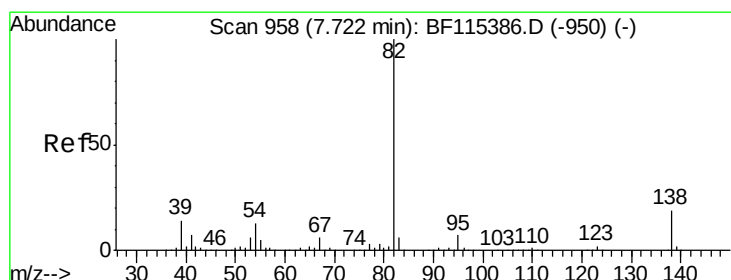
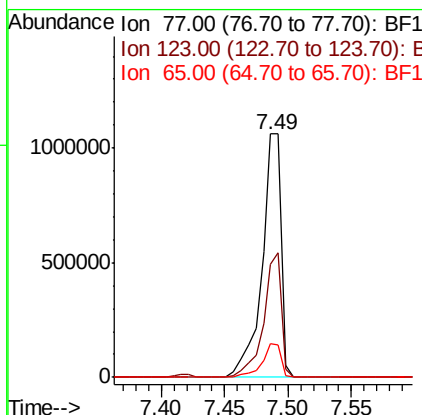
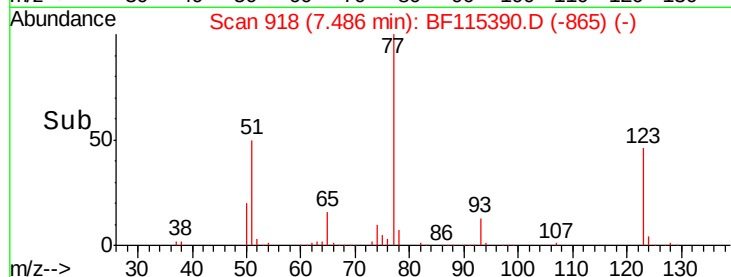
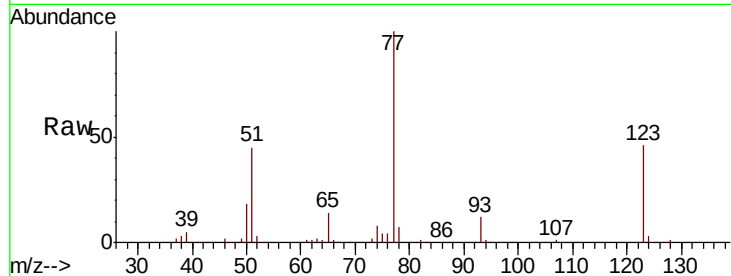
#24
Nitrobenzene
Concen: 101.604 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 77 Resp: 1126424
Ion Ratio Lower Upper
77 100
123 46.4 35.0 52.6
65 13.7 10.8 16.2

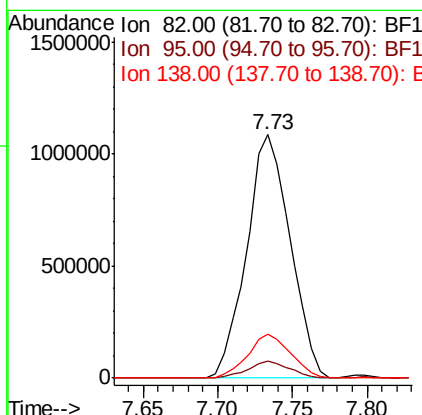
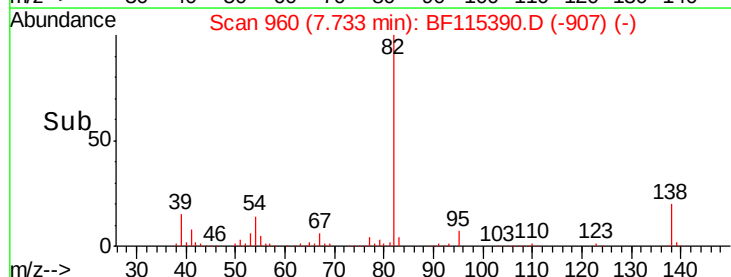
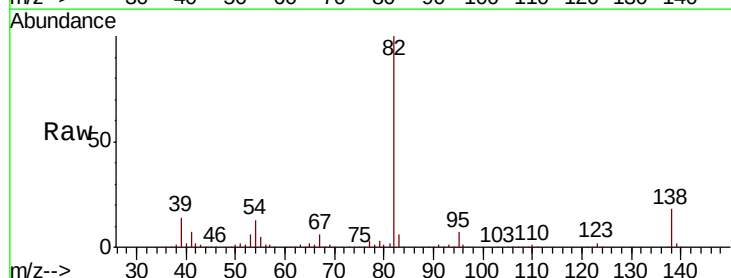
Manual Integrations
APPROVED

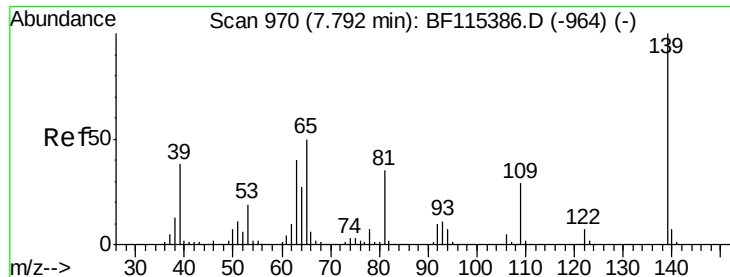
mohammad
7/8/2019 2:12:51 PM



#25
Isophorone
Concen: 106.528 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 82 Resp: 2196044
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.3 14.9 22.3





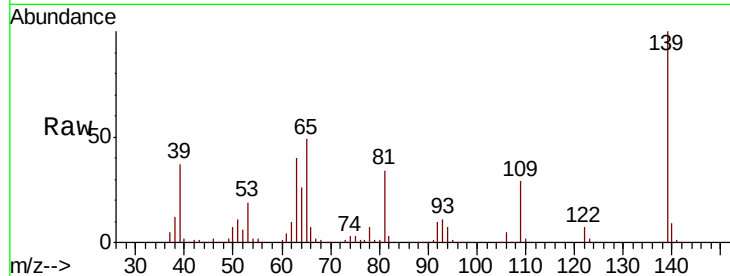
#26
2-Nitrophenol
Concen: 98.038 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.8	22.9	34.3	
65	48.9	40.2	60.4	

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

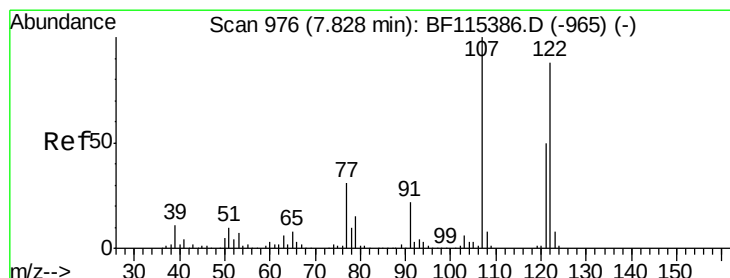
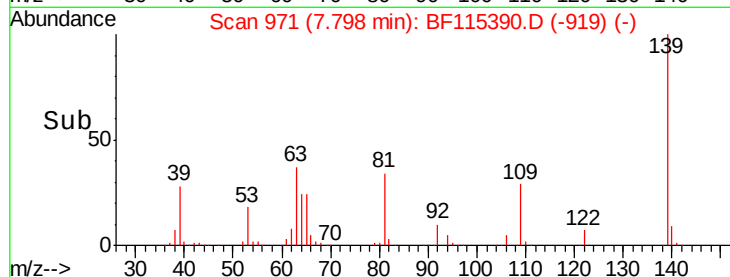
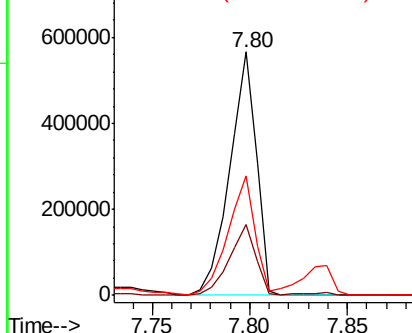


Abundance

Ion 139.00 (138.70 to 139.70): E

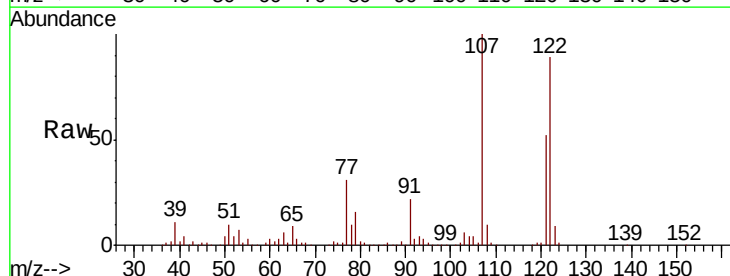
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 96.860 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.2	91.0	136.6	
121	58.2	45.9	68.9	

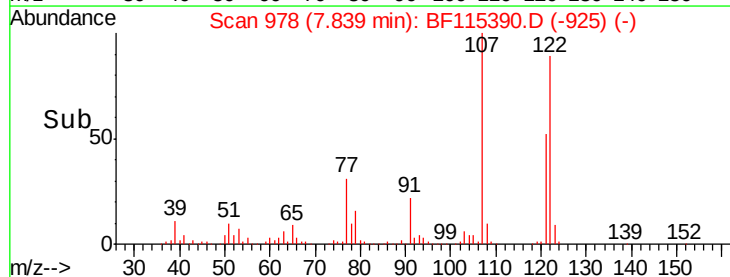
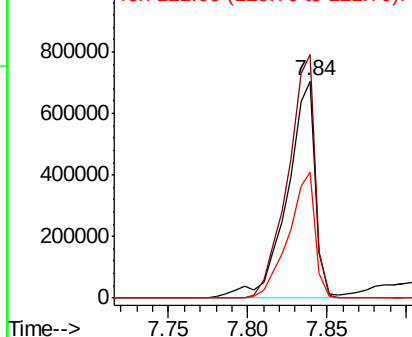


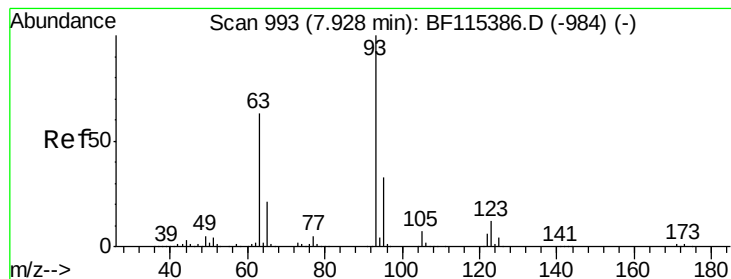
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 99.114 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 93 Resp: 1291405

Ion Ratio Lower Upper

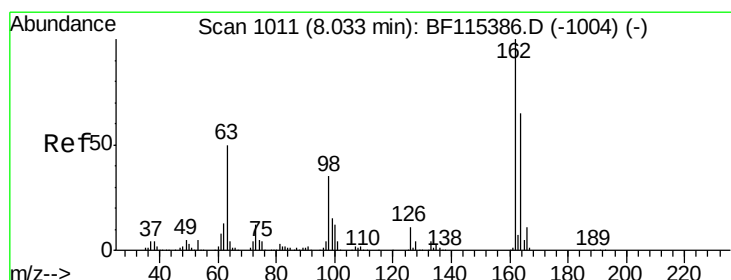
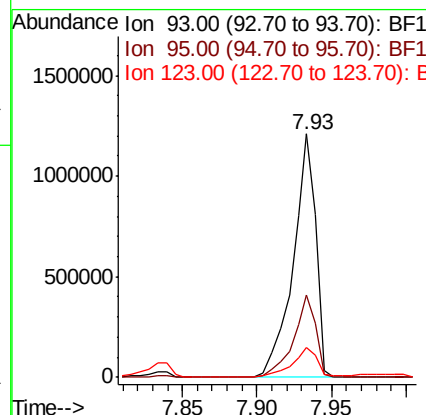
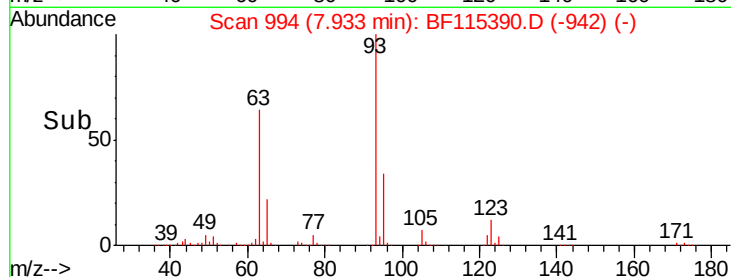
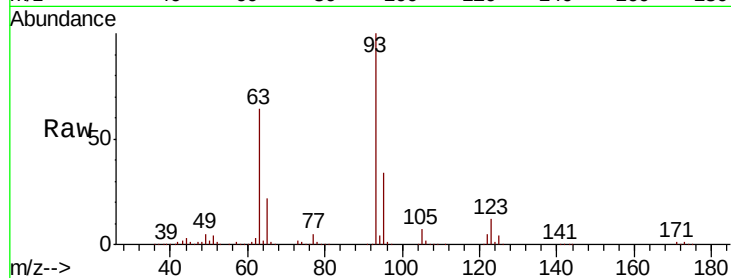
93 100

95 34.0 26.6 39.8

123 12.2 10.0 15.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



#29

2,4-Dichlorophenol

Concen: 93.197 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

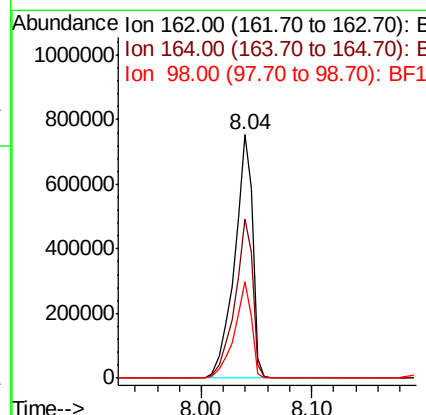
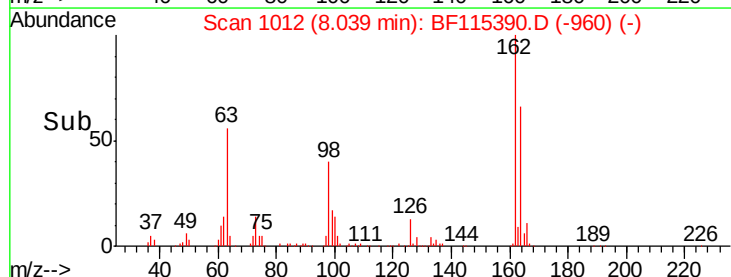
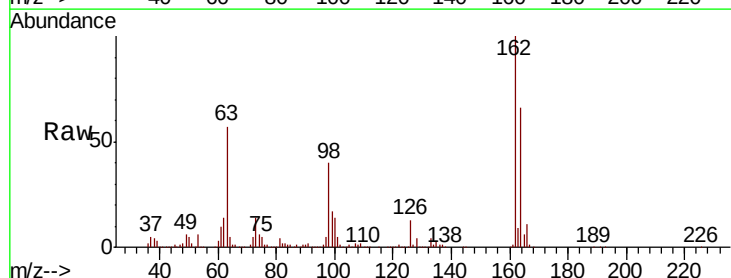
Tgt Ion: 162 Resp: 862146

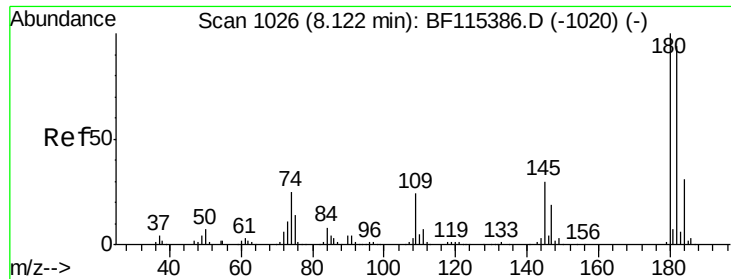
Ion Ratio Lower Upper

162 100

164 65.6 44.6 84.6

98 39.6 15.0 55.0





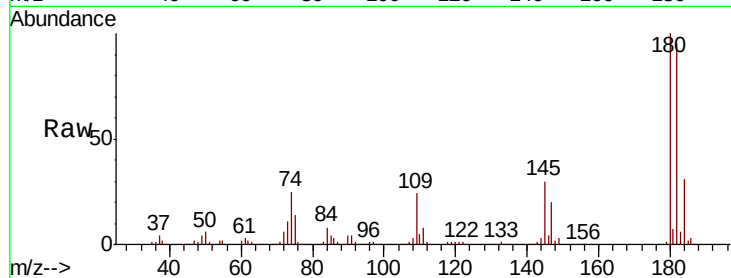
#30
 1,2,4-Trichlorobenzene
 Concen: 90.587 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

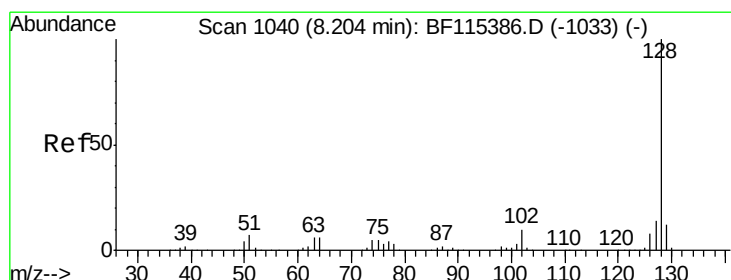
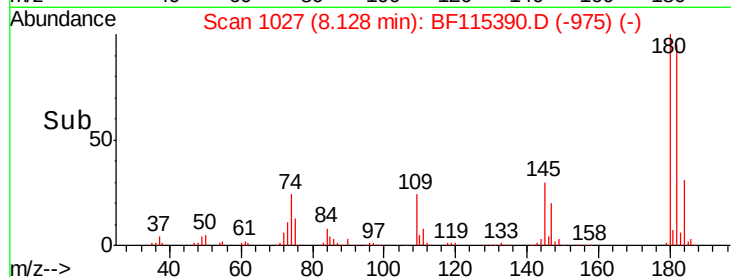
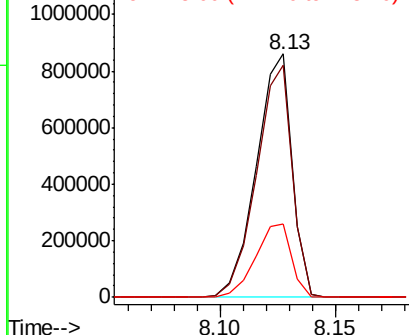
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
145	30.1	23.8	35.6

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM



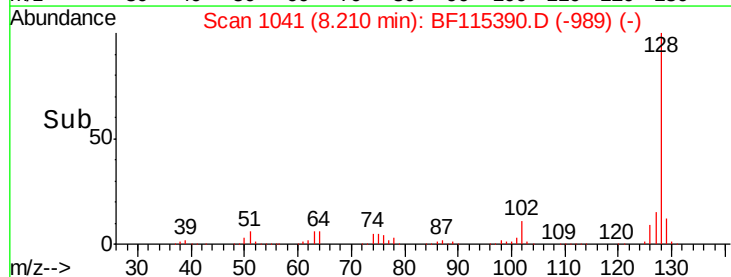
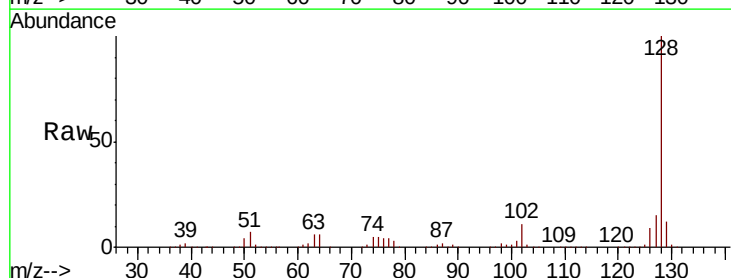
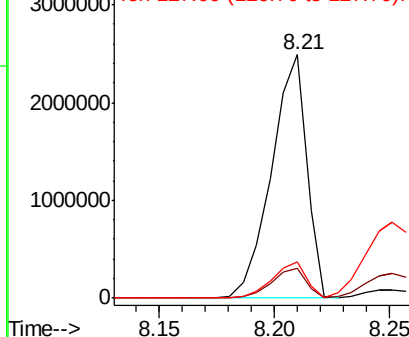
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

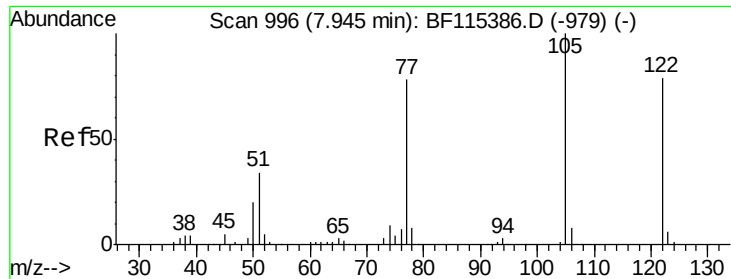


#31
 Naphthalene
 Concen: 86.747 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	14.7	11.2	16.8

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





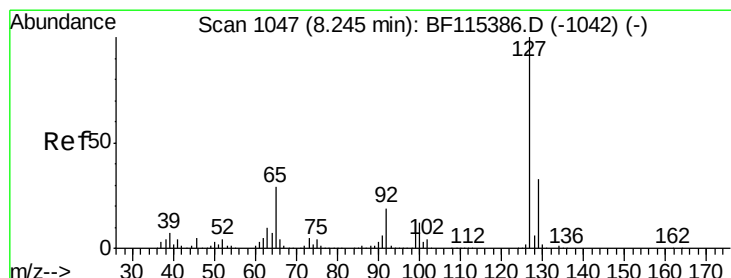
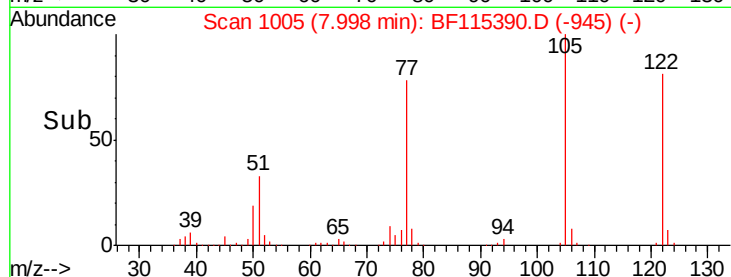
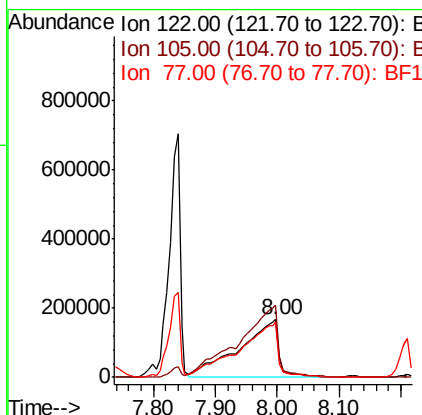
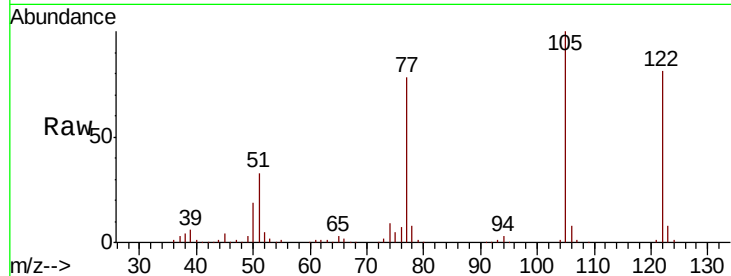
#32
Benzoic acid
Concen: 115.714 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.05 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
105	123.6	105.1	145.1
77	96.9	77.8	117.8

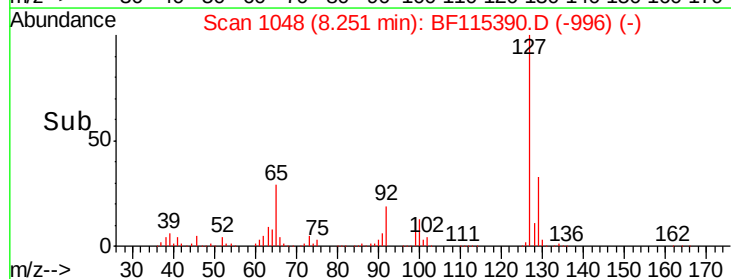
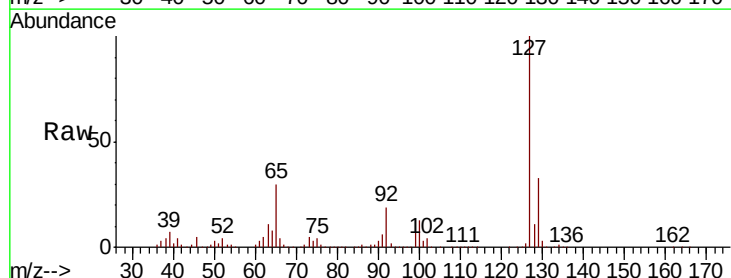
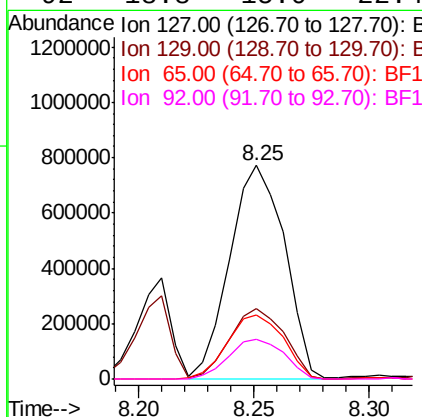
Manual Integrations
APPROVED

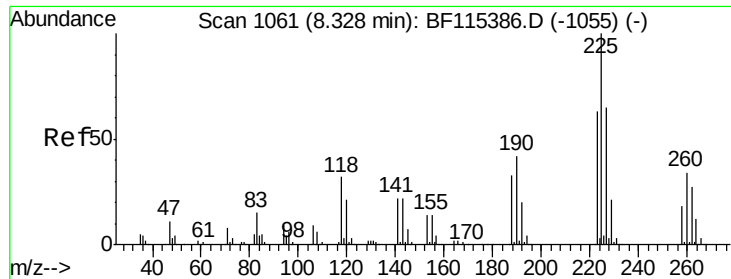
mohammad
7/8/2019 2:12:51 PM



#33
4-Chloroaniline
Concen: 92.238 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	30.1	23.3	34.9
92	18.8	15.0	22.4





#34

Hexachlorobutadiene

Concen: 91.697 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

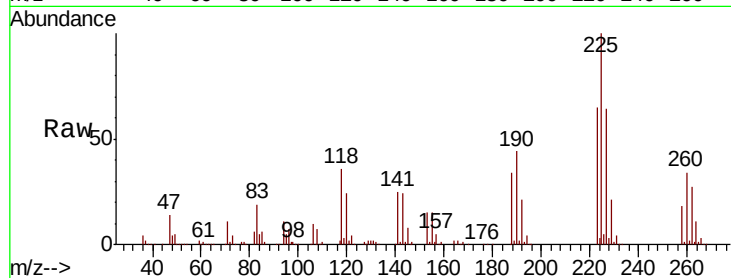
ClientSampleId :

SSTDICC100

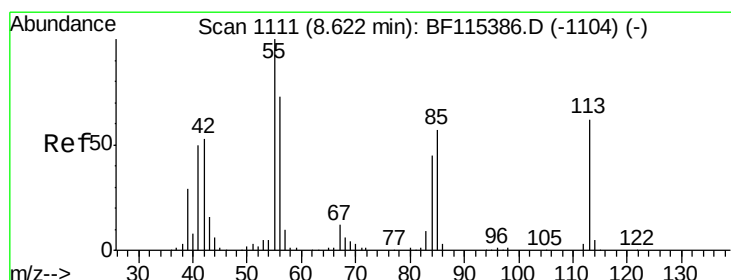
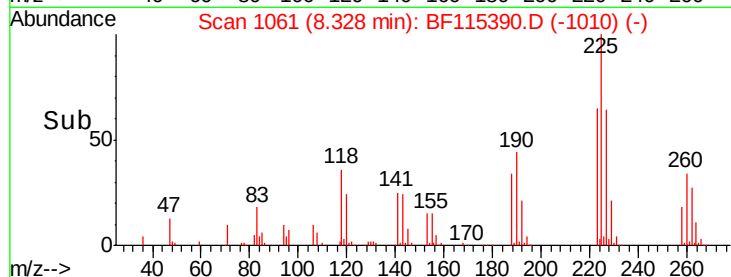
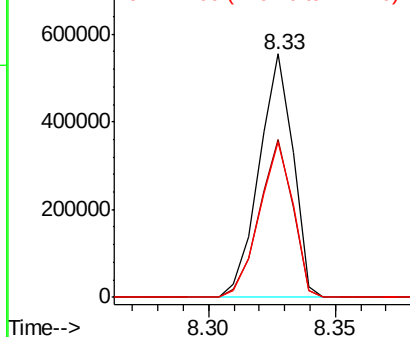
Tot Ion:	225	Resp:	513476
Ion Ratio		Lower	Upper
225	100		
223	64.8	50.7	76.1
227	63.5	52.1	78.1

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



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



#35

Caprolactam

Concen: 104.455 ng m

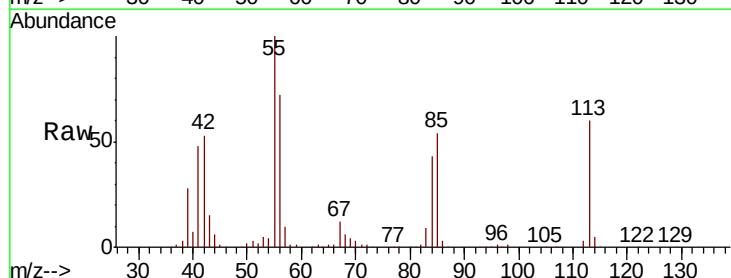
RT: 8.66 min Scan# 1117

Delta R.T. 0.04 min

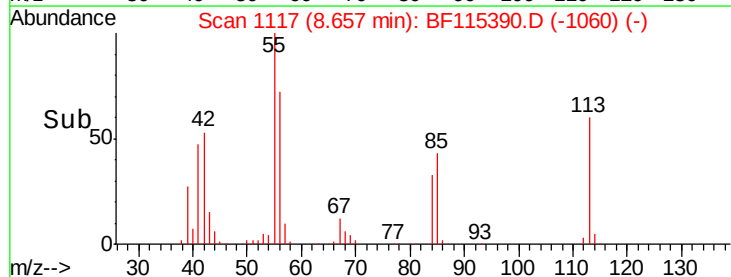
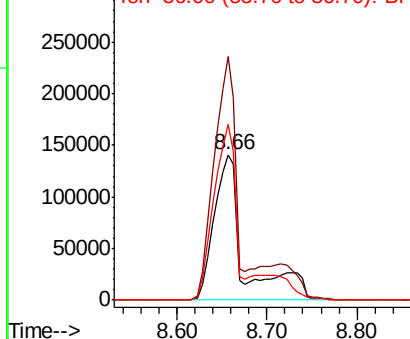
Lab File: BF115390.D

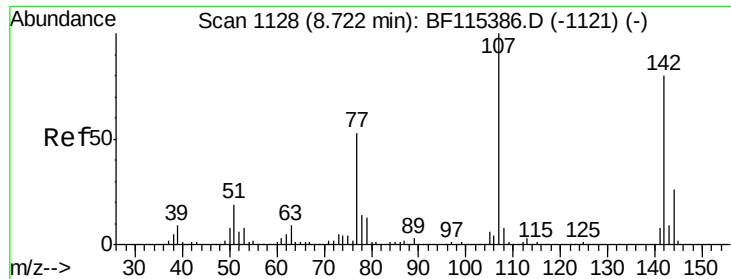
Acq: 5 Jul 2019 11:36

Tgt Ion:	113	Resp:	324878
Ion Ratio		Lower	Upper
113	100		
55	167.4	141.9	181.9
56	121.1	98.7	138.7



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





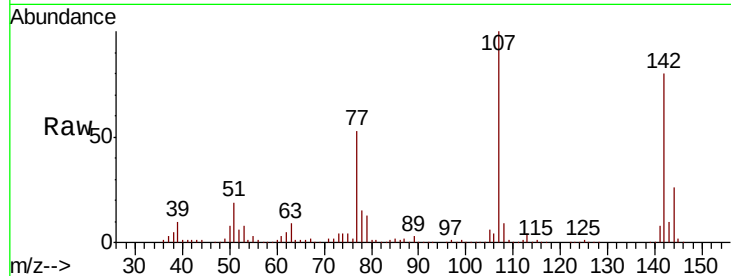
#36
4-Chloro-3-methylphenol
Concen: 98.873 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	926301		
144	25.9	20.8	31.2	
142	79.6	64.0	96.0	

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

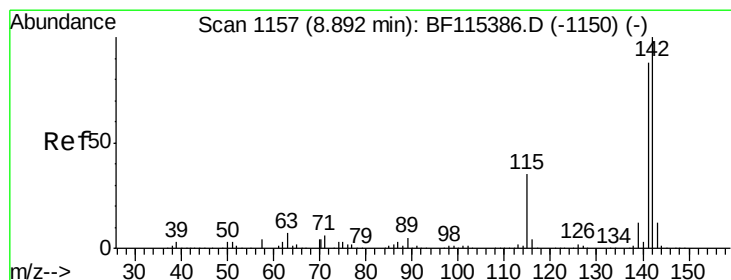
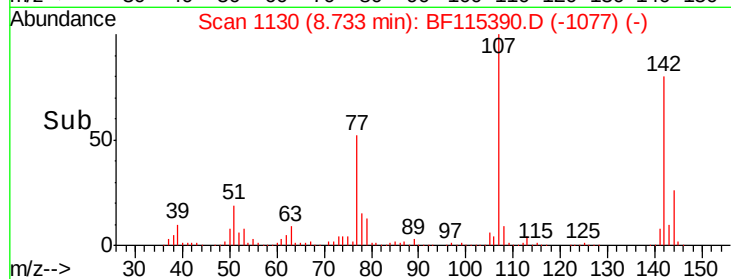
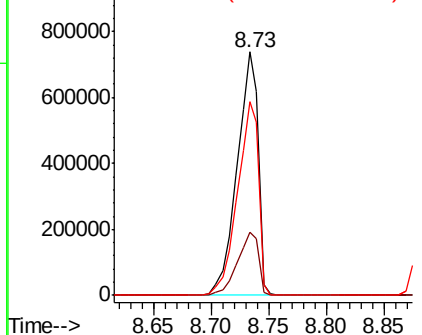


Abundance

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: 86.005 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

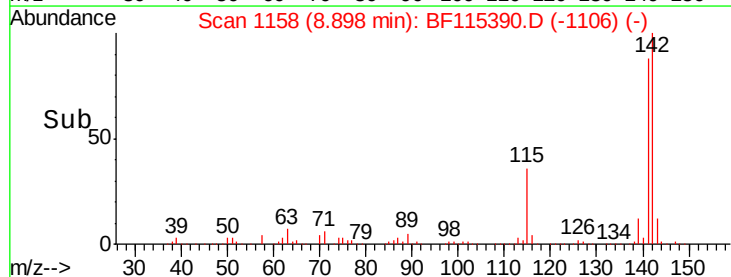
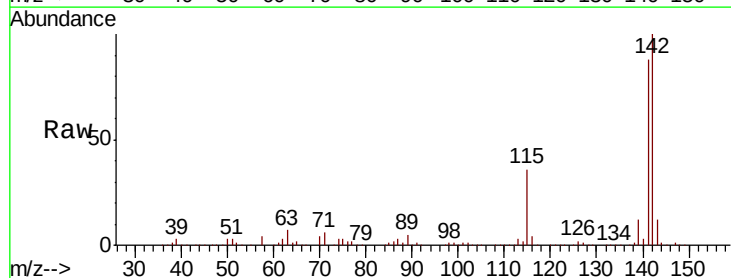
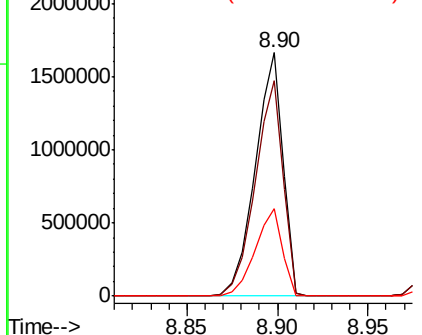
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1762130		
141	88.5	70.6	106.0	
115	36.2	27.8	41.8	

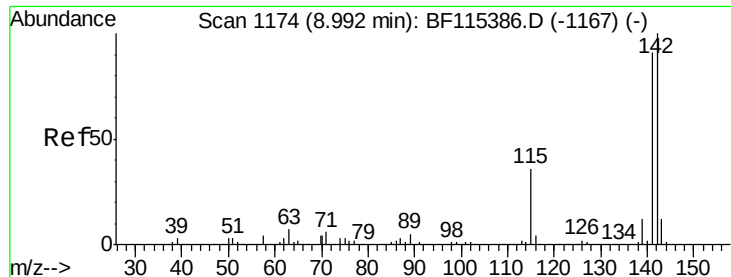
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





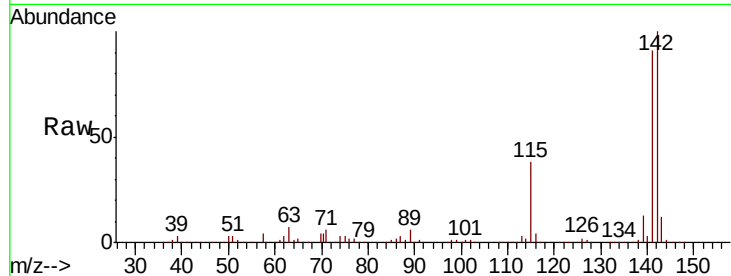
#38
1-Methylnaphthalene
Concen: 85.318 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

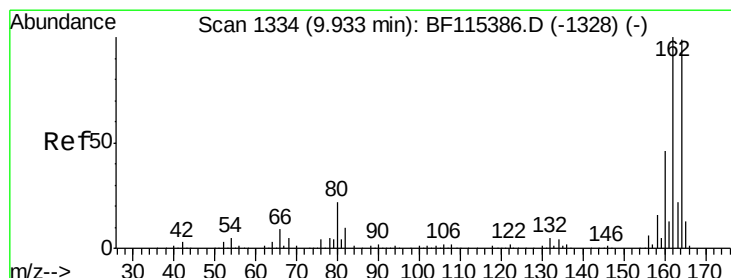
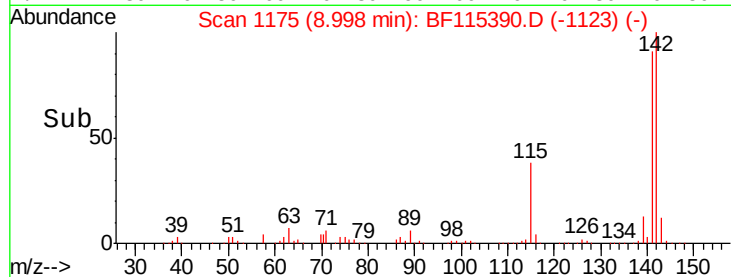
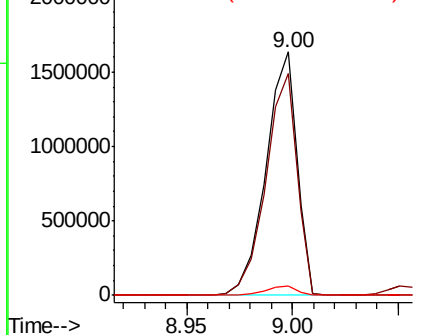
Tot Ion:142 Resp: 1669497
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 4.0 3.0 4.4

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

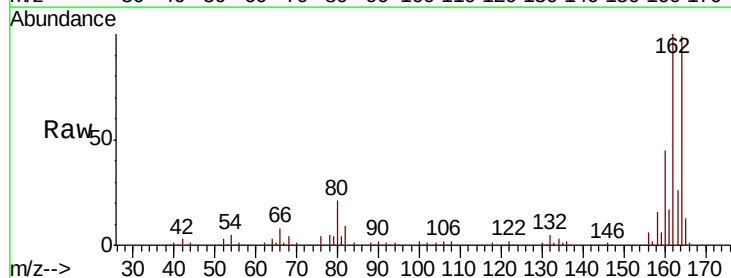


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

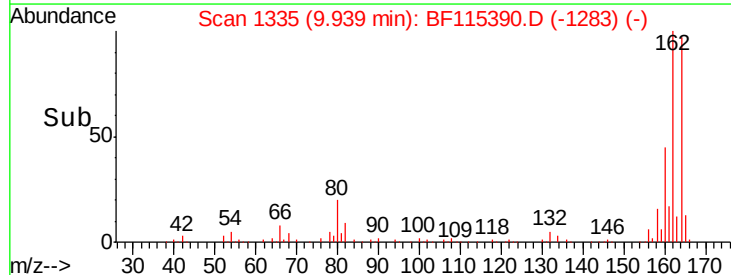
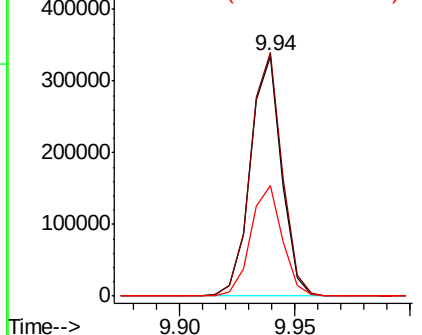


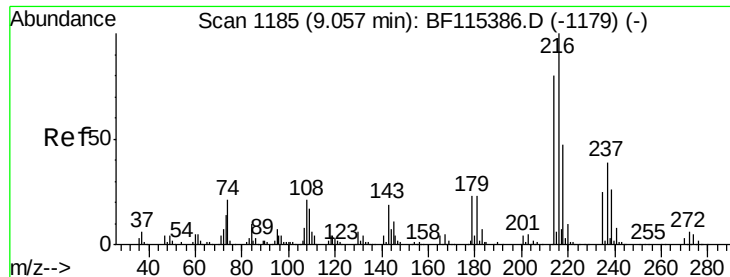
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:164 Resp: 314219
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 46.1 37.0 55.6



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





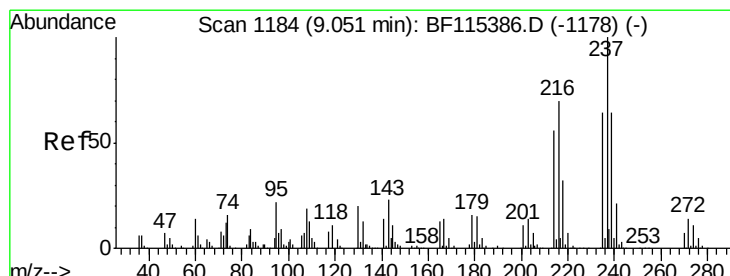
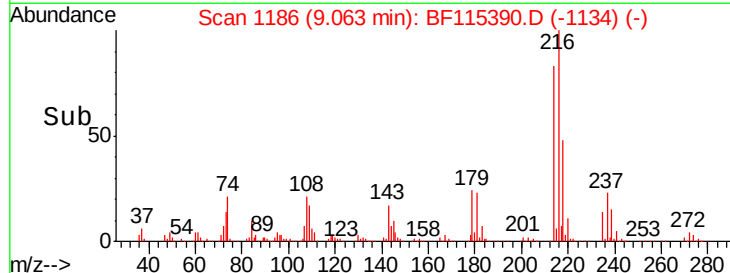
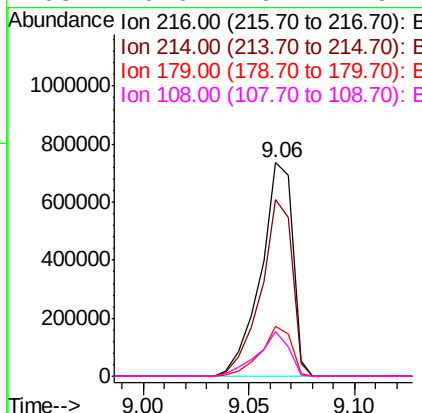
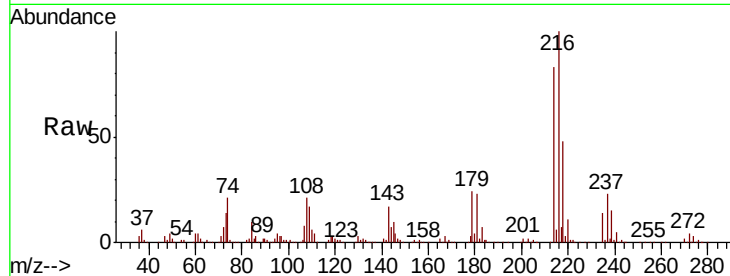
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 86.974 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
216	100	772268		
214	81.2	63.7	95.5	
179	22.5	17.8	26.8	
108	20.6	16.7	25.1	

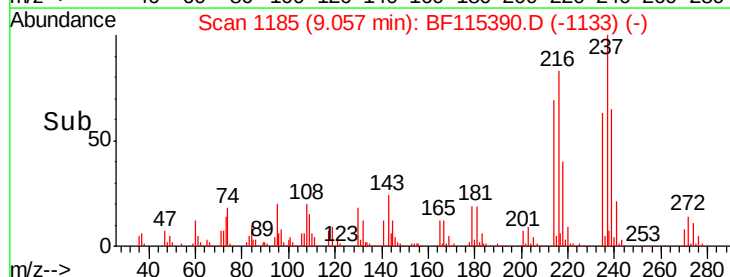
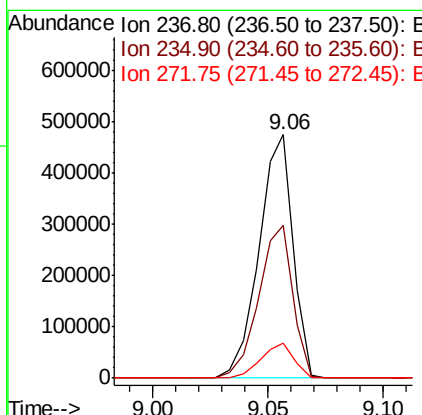
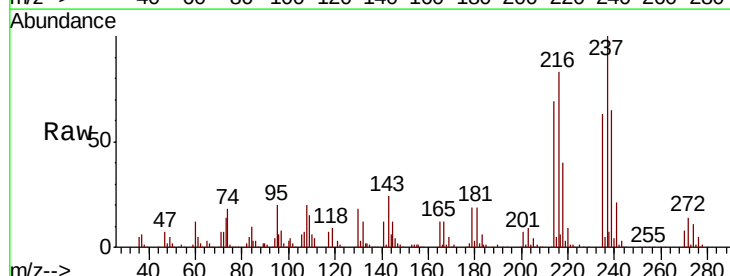
Manual Integrations
 APPROVED

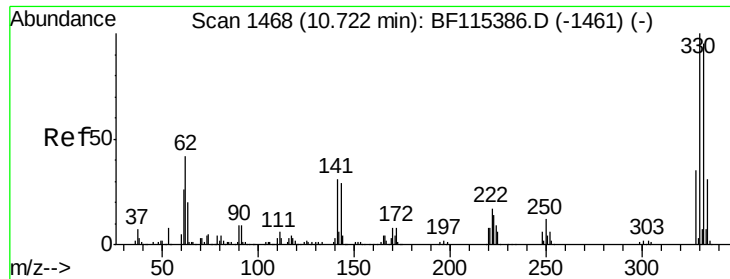
mohammad
 7/8/2019 2:12:51 PM



#41
 Hexachlorocyclopentadiene
 Concen: 91.983 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	484297		
235	62.6	44.4	84.4	
272	14.3	0.0	33.7	





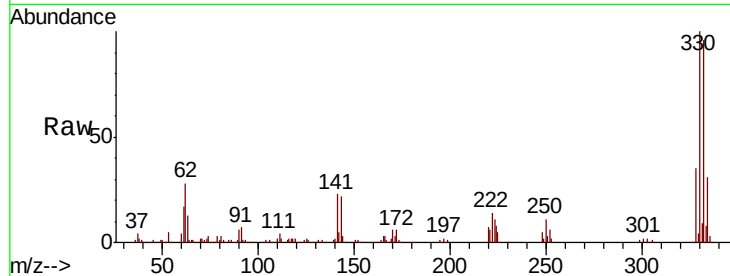
#42
 2,4,6-Tribromophenol
 Concen: 191.380 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.3	114.5
141	30.6	27.0	40.4

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM

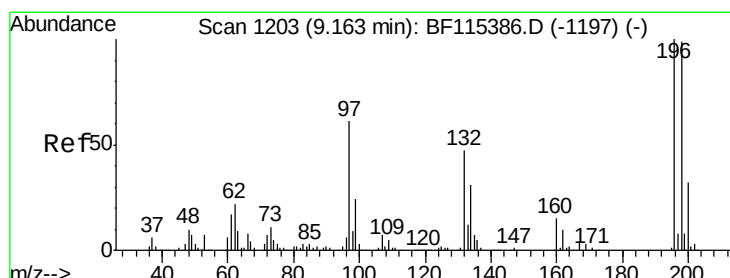
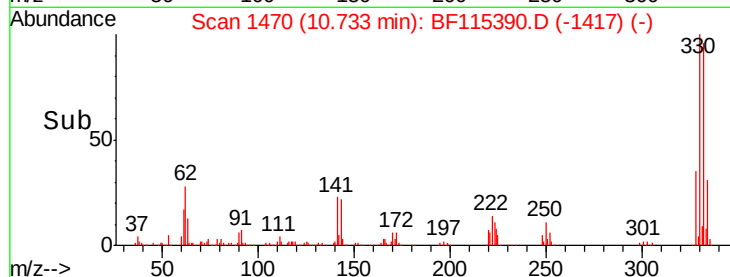
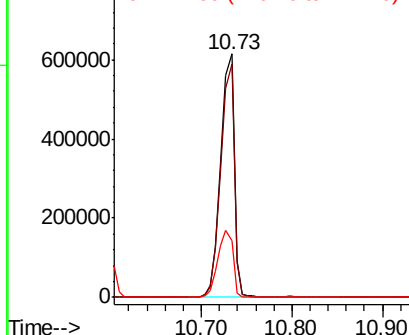


Abundance

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: 89.680 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

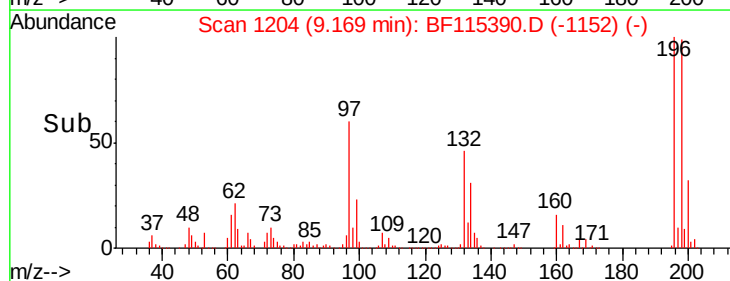
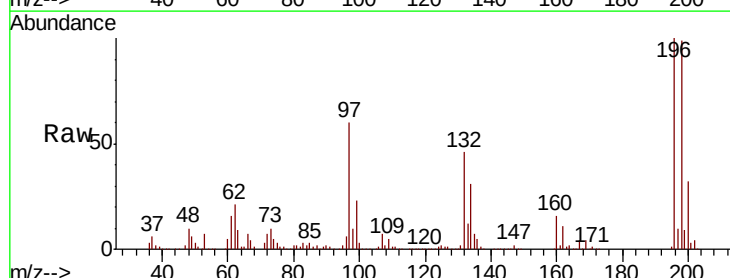
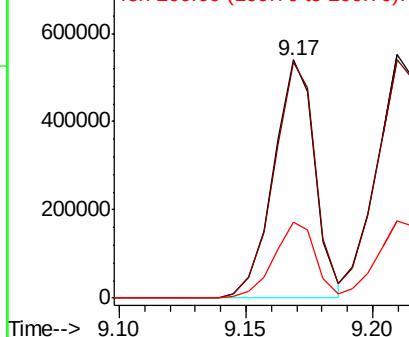
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.5	119.3
200	31.8	25.8	38.8

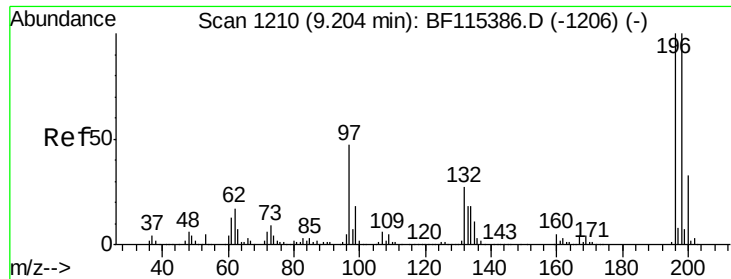
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





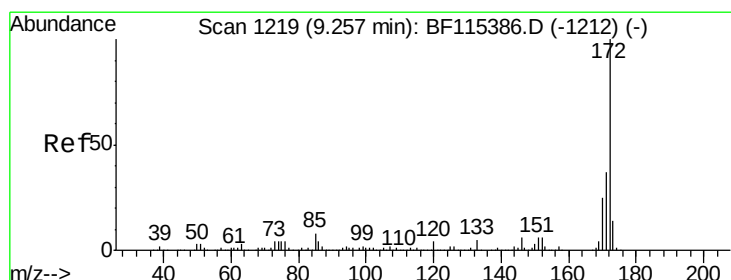
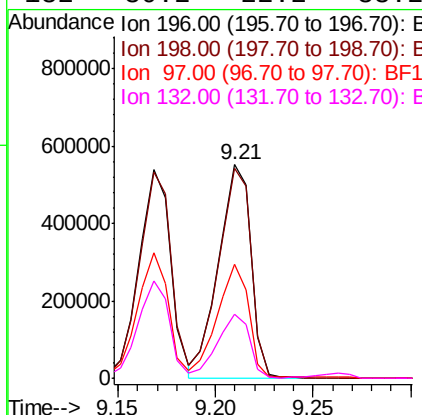
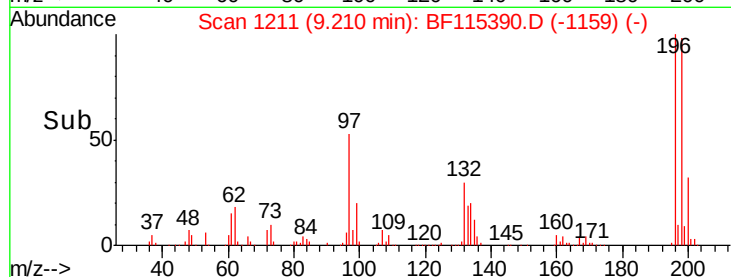
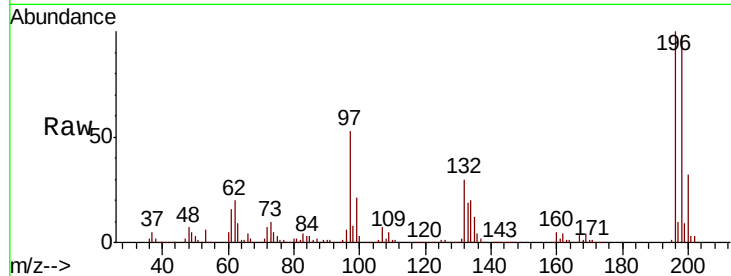
#44
 2,4,5-Trichlorophenol
 Concen: 90.008 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC100

Tot Ion:	196	Resp:	635411
Ion Ratio	Lower	Upper	
196	100		
198	98.2	80.3	120.5
97	53.1	38.3	57.5
132	30.2	22.2	33.2

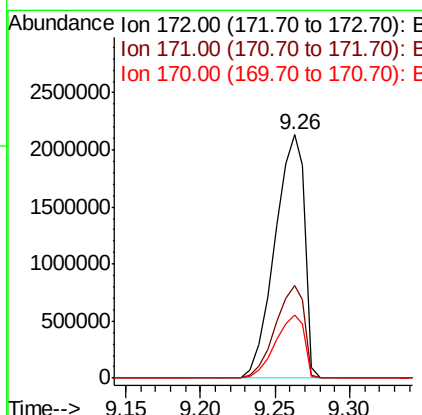
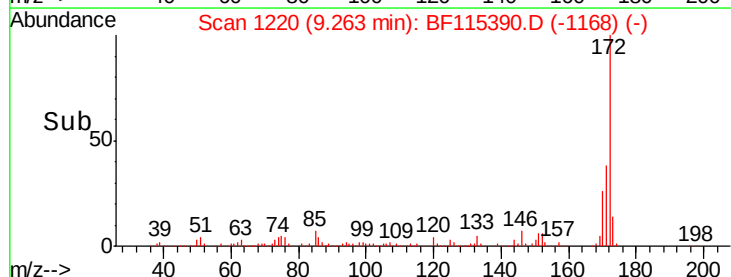
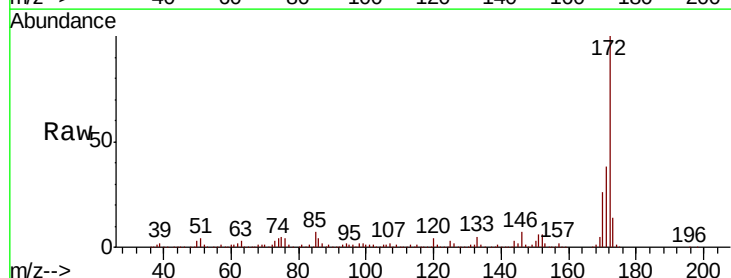
Manual Integrations
 APPROVED

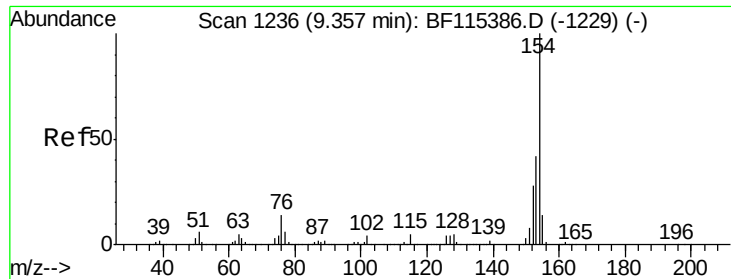
mohammad
 7/8/2019 2:12:51 PM



#45
 2-Fluorobiphenyl
 Concen: 160.080 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:	172	Resp:	2961239
Ion Ratio	Lower	Upper	
172	100		
171	38.0	29.8	44.8
170	25.7	20.2	30.4





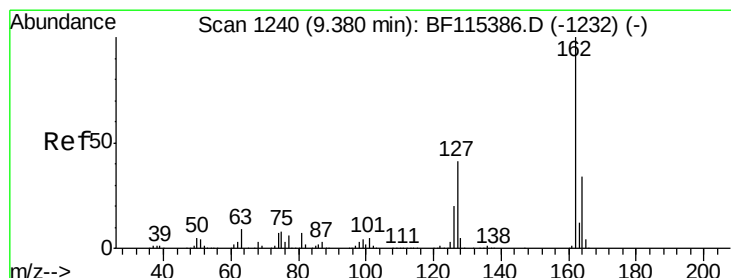
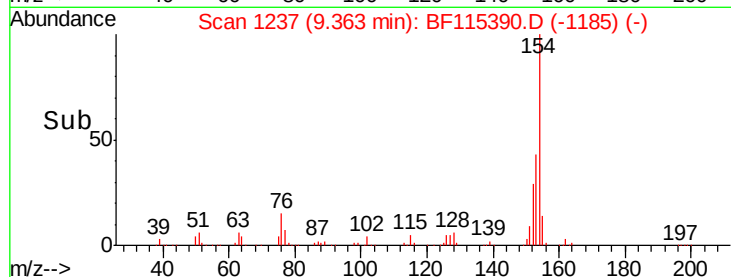
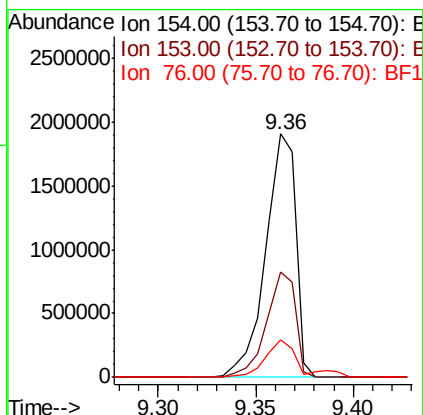
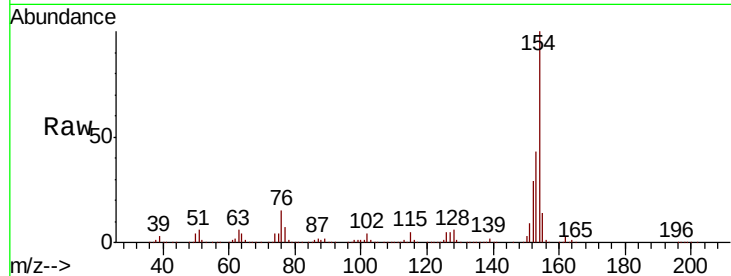
#46
 1,1'-Biphenyl
 Concen: 81.273 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.9	61.9
76	15.4	0.0	34.3

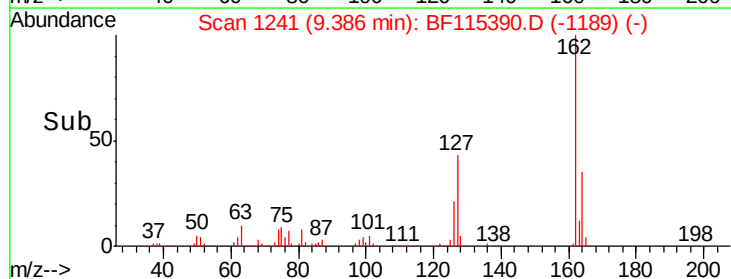
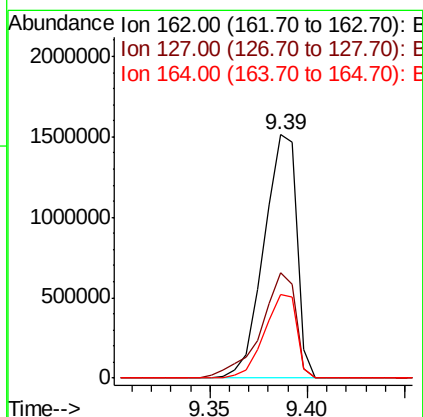
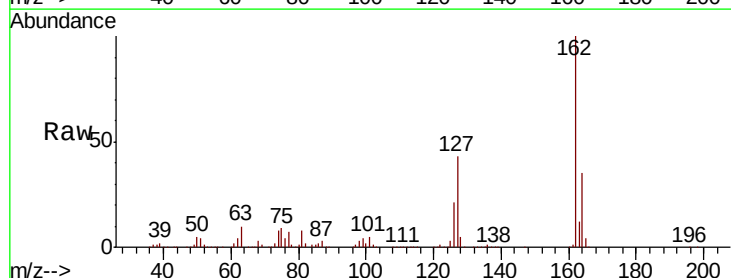
Manual Integrations
 APPROVED

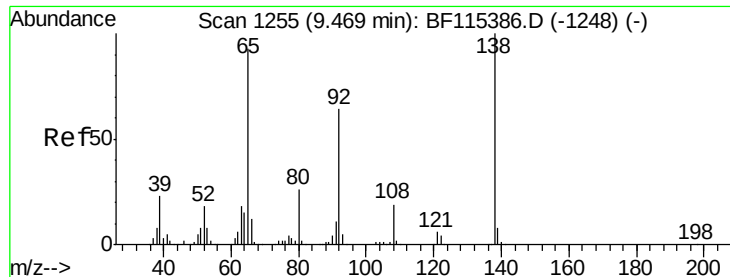
mohammad
 7/8/2019 2:12:51 PM



#47
 2-Chloronaphthalene
 Concen: 86.644 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	32.8	49.2
164	34.5	27.0	40.6





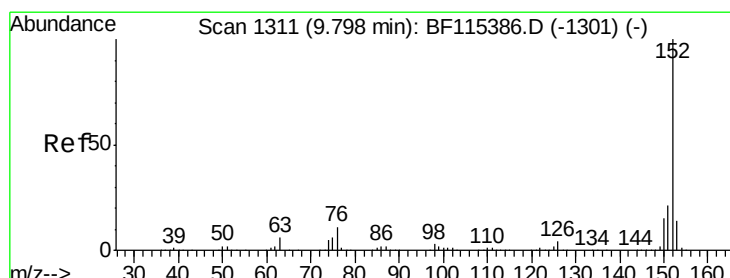
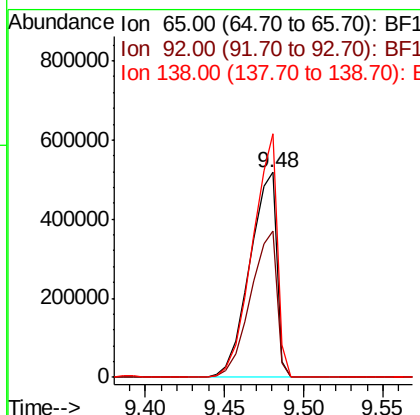
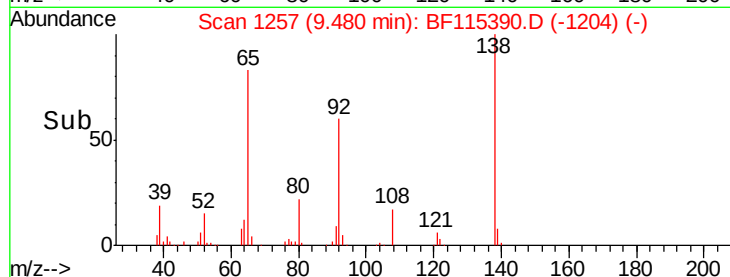
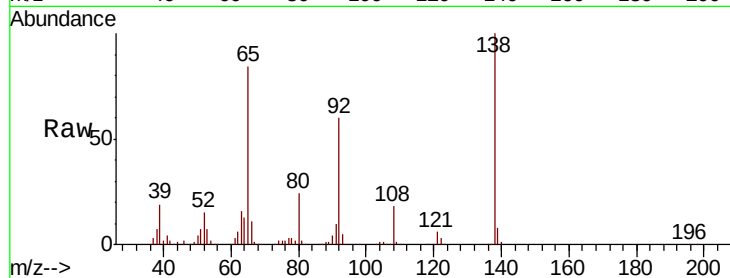
#48
2-Nitroaniline
Concen: 103.086 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.4	83.0
138	118.8	85.8	128.8

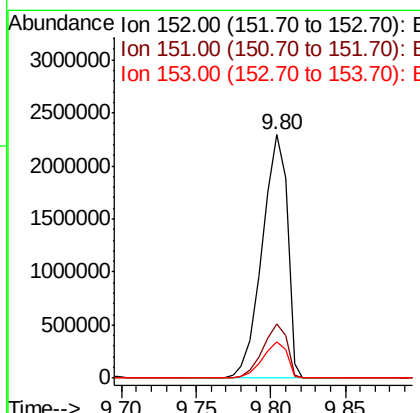
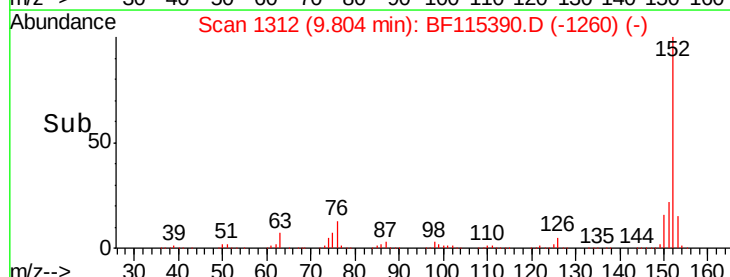
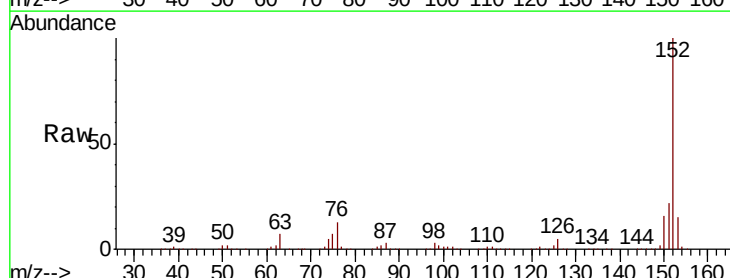
Manual Integrations
APPROVED

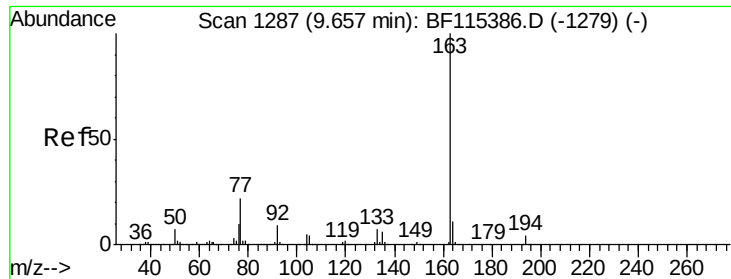
mohammad
7/8/2019 2:12:51 PM



#49
Acenaphthylene
Concen: 83.644 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.4
153	15.1	11.4	17.2





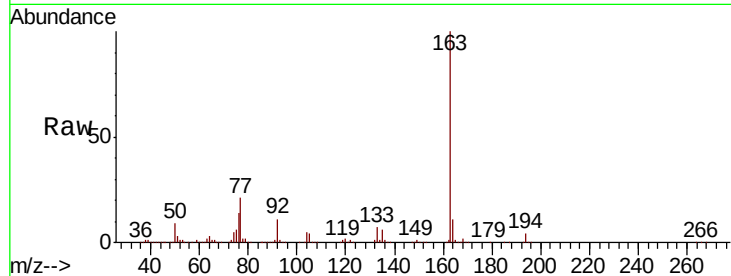
#50
Dimethylphthalate
Concen: 90.183 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.8	8.5	12.7

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

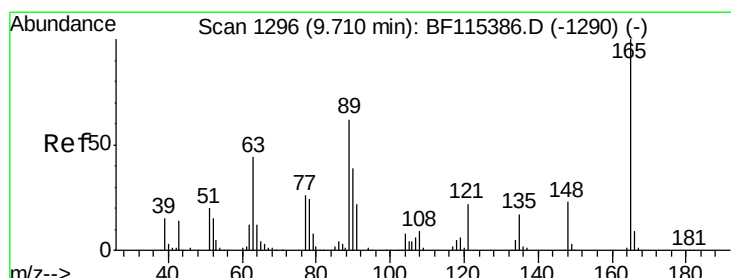
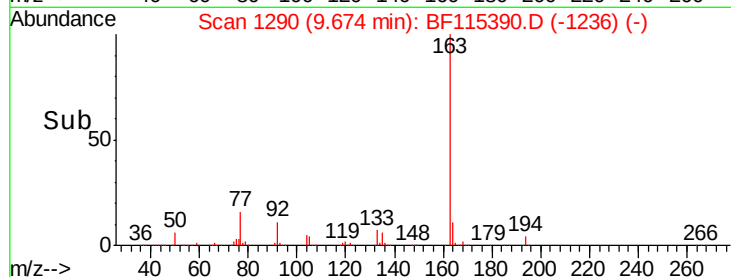
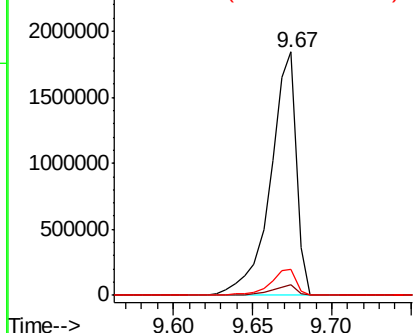


Abundance

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: 95.924 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

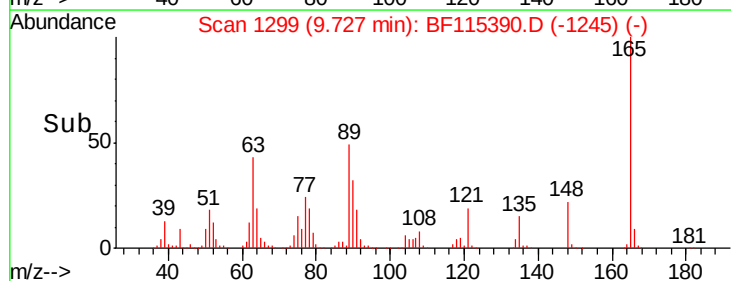
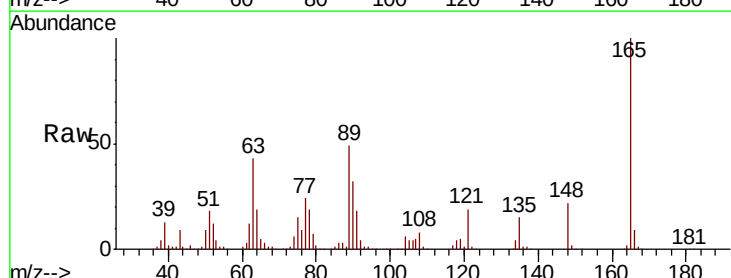
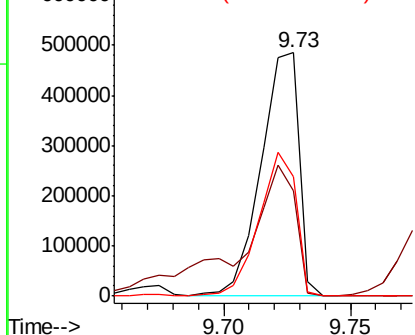
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	45.8	68.6#
89	49.3	49.9	74.9#

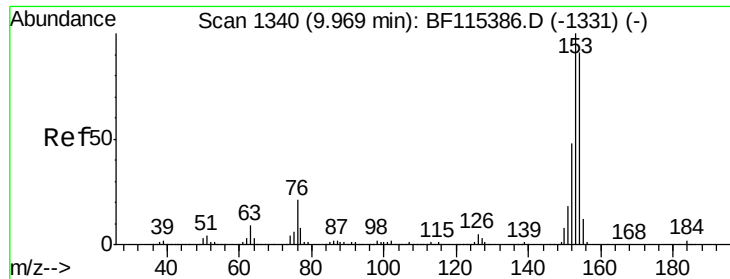
Abundance

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: 85.293 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:154 Resp: 1695878

Ion Ratio Lower Upper

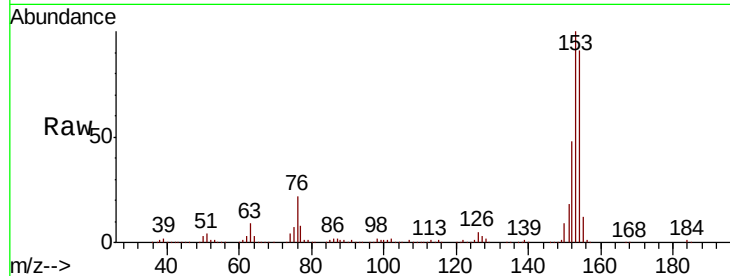
154 100

153 109.5 87.9 131.9

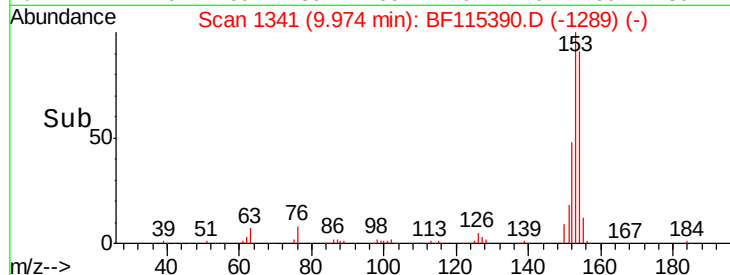
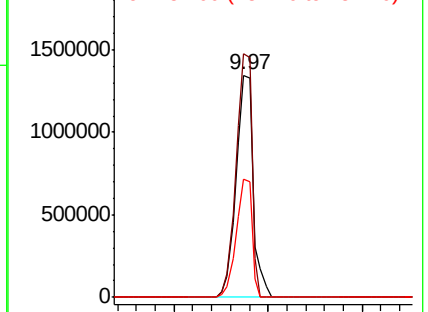
152 52.9 42.2 63.2

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 90.227 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

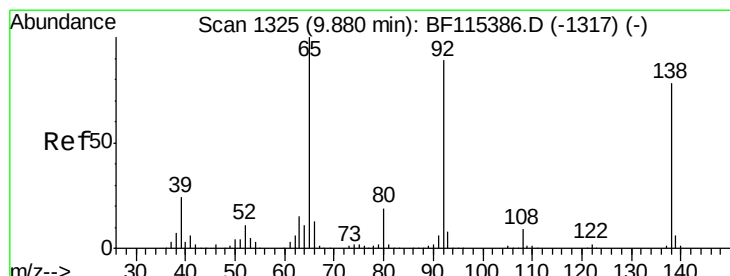
Tgt Ion:138 Resp: 587659

Ion Ratio Lower Upper

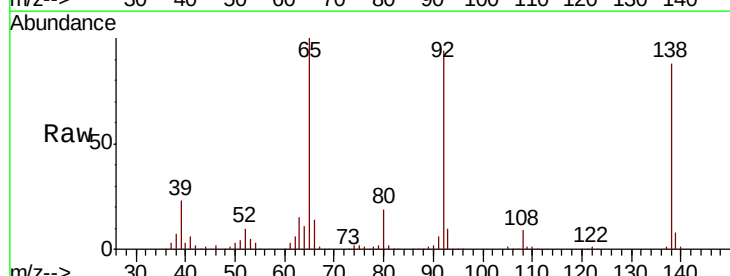
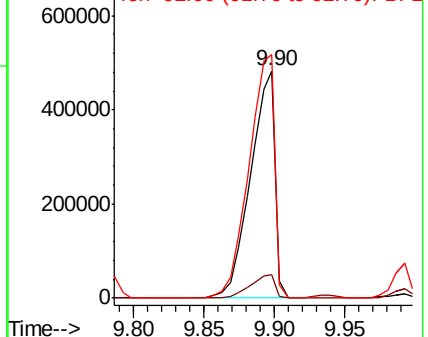
138 100

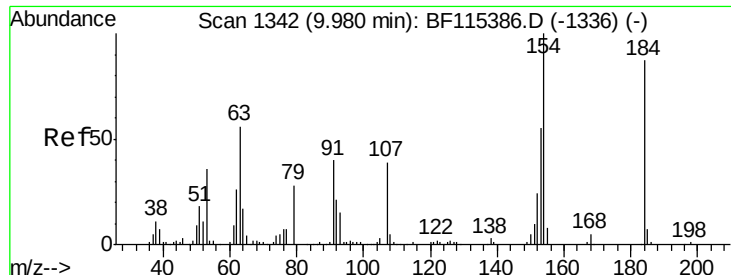
108 10.5 9.0 13.4

92 107.2 90.5 135.7



Abundance Ion 138.00 (137.70 to 138.70): E
600000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 98.277 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 231381

Ion Ratio Lower Upper

184 100

63 66.0 52.1 78.1

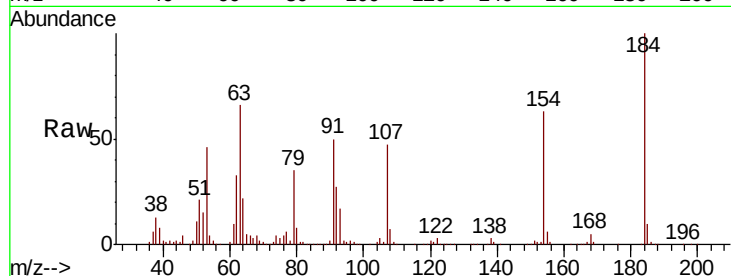
154 62.6 97.7 146.5#

Manual Integrations

APPROVED

mohammad

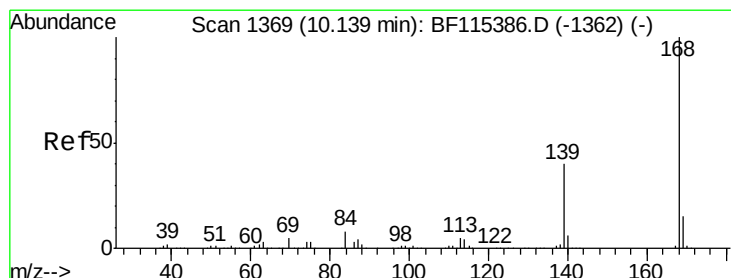
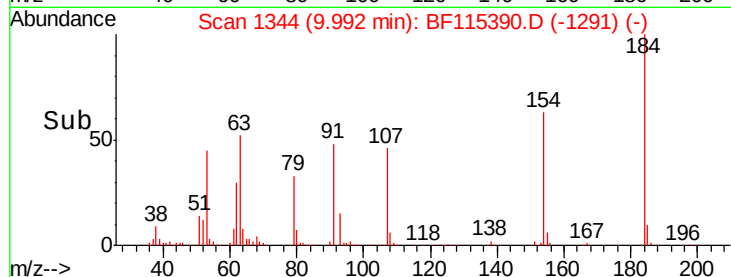
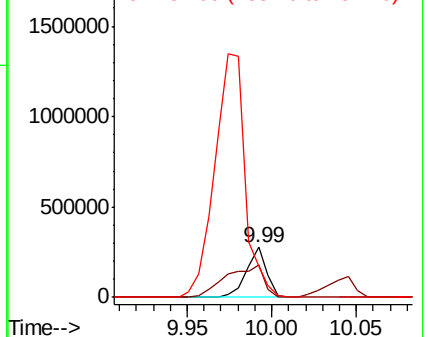
7/8/2019 2:12:51 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 80.162 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

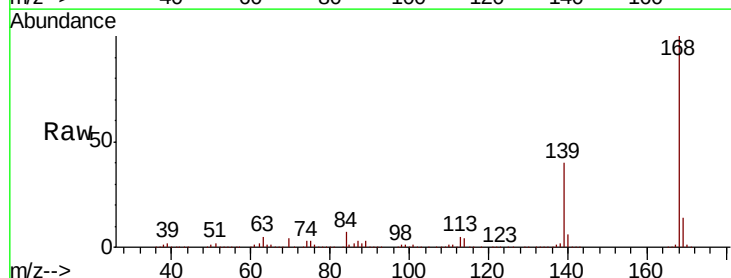
Tgt Ion:168 Resp: 2287615

Ion Ratio Lower Upper

168 100

139 39.8 32.2 48.2

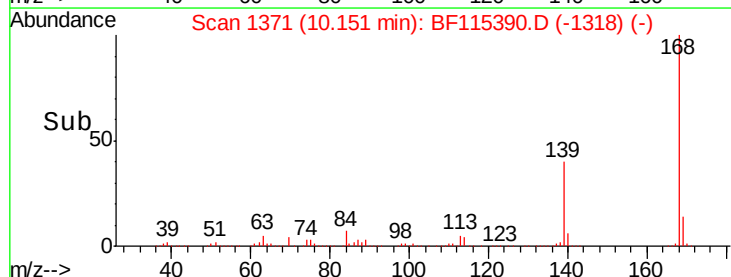
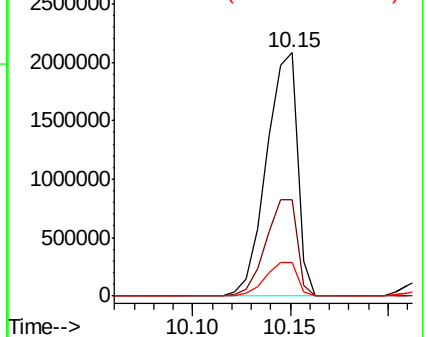
169 14.0 11.7 17.5

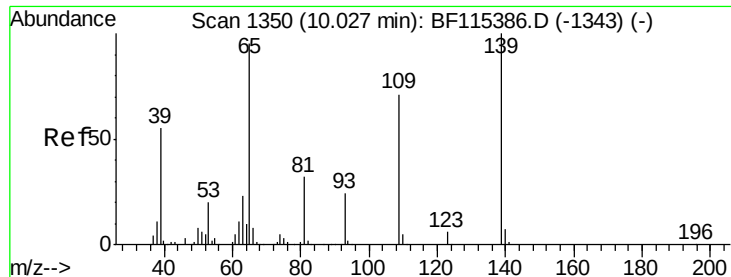


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





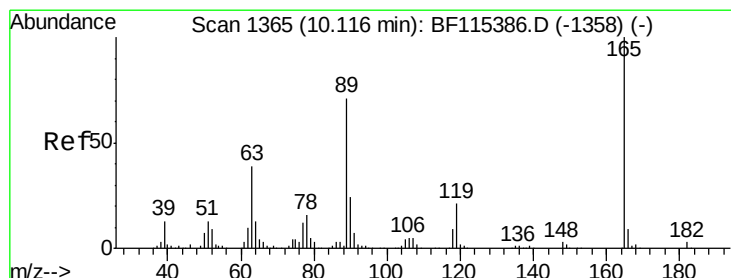
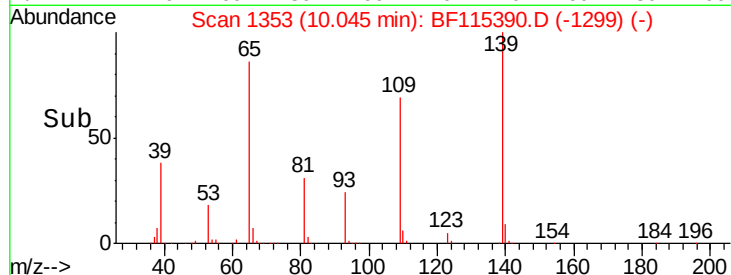
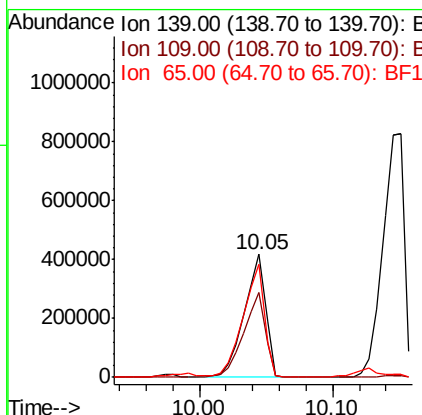
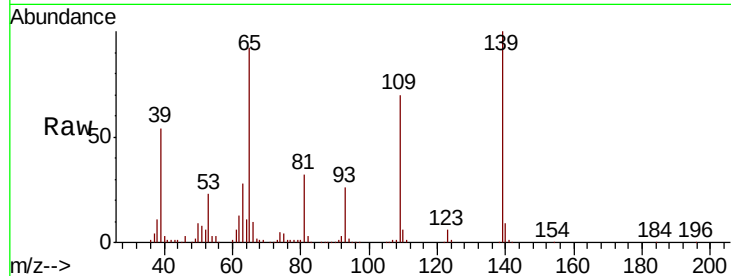
#56
4-Nitrophenol
Concen: 88.743 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.6	51.1	91.1
65	91.8	75.2	115.2

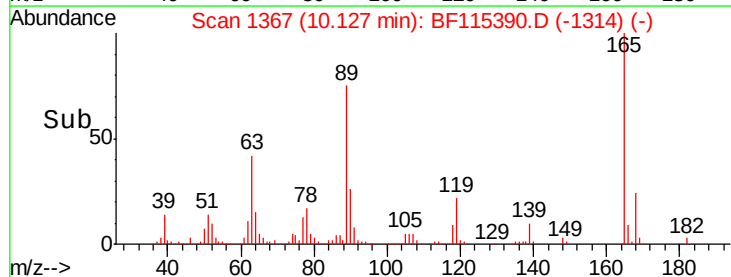
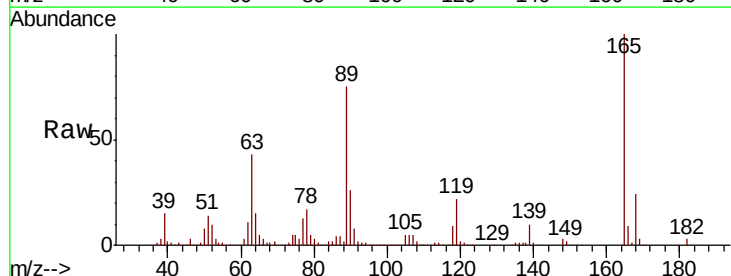
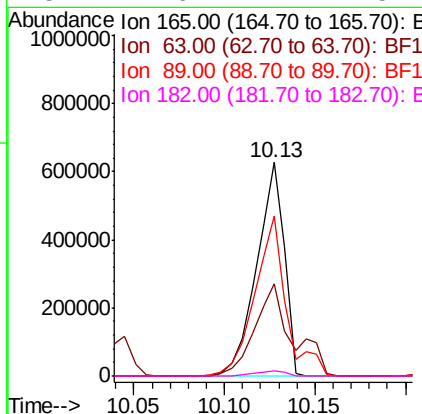
Manual Integrations
APPROVED

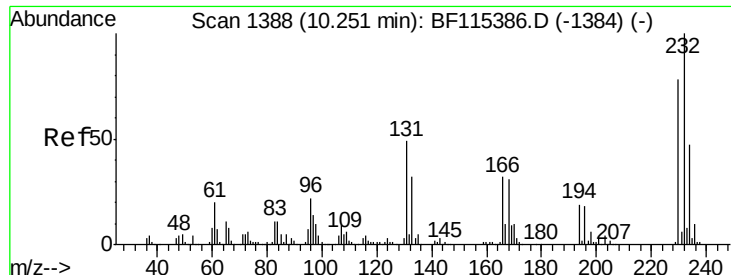
mohammad
7/8/2019 2:12:51 PM



#57
2,4-Dinitrotoluene
Concen: 96.165 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	31.4	47.0
89	74.8	57.1	85.7
182	2.6	2.2	3.2





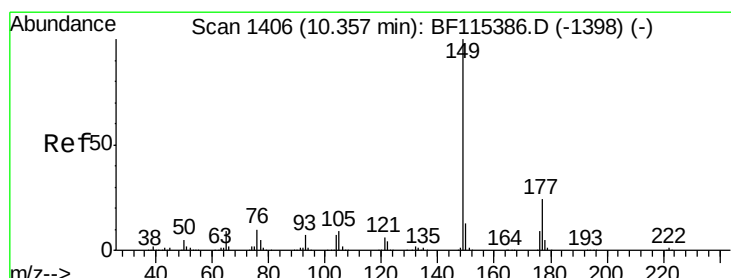
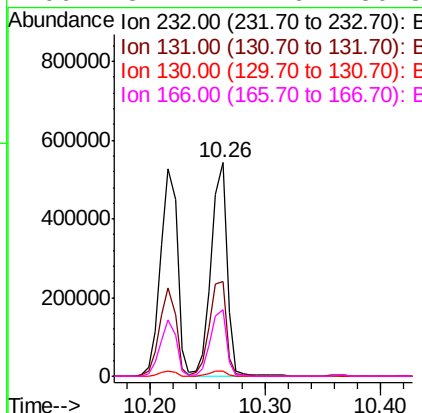
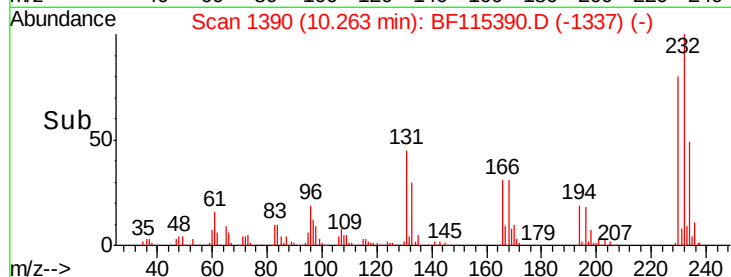
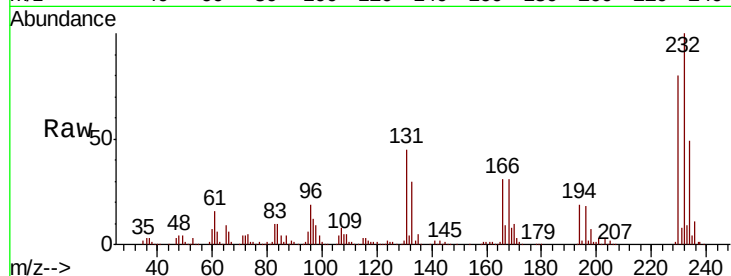
#59
2,3,4,6-Tetrachlorophenol
Concen: 88.502 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	36.6	55.0
130	2.4	1.8	2.8
166	31.4	24.6	36.8

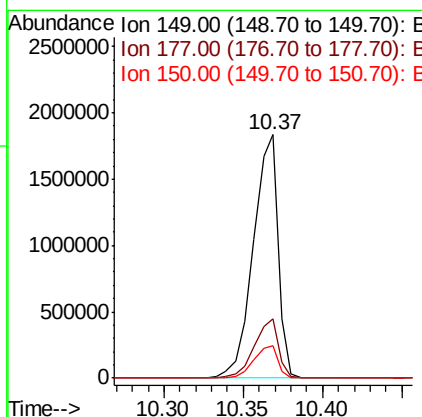
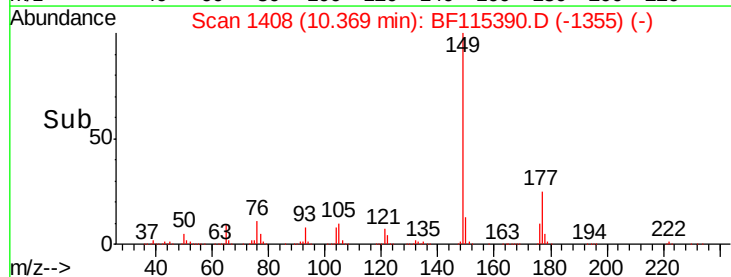
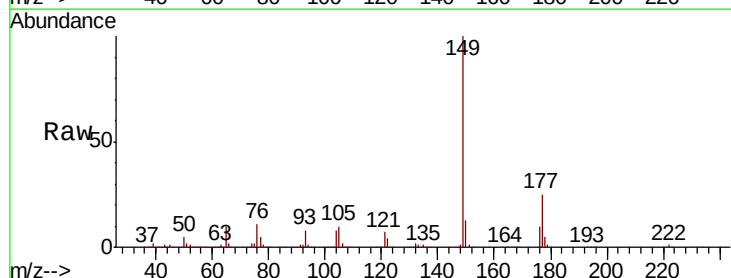
Manual Integrations
APPROVED

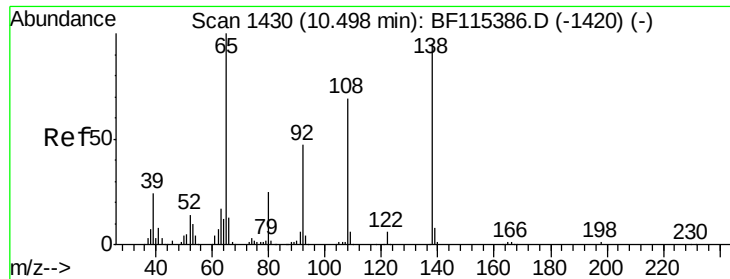
mohammad
7/8/2019 2:12:51 PM



#60
Diethylphthalate
Concen: 86.216 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.8	28.2
150	13.3	10.2	15.2





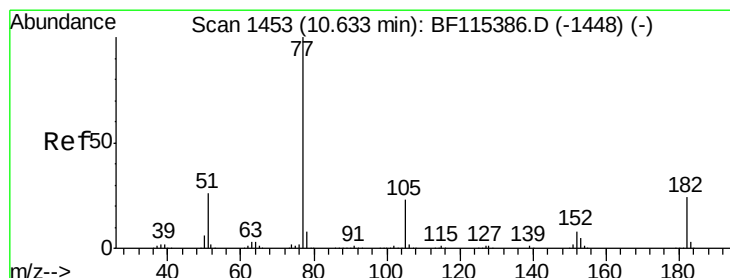
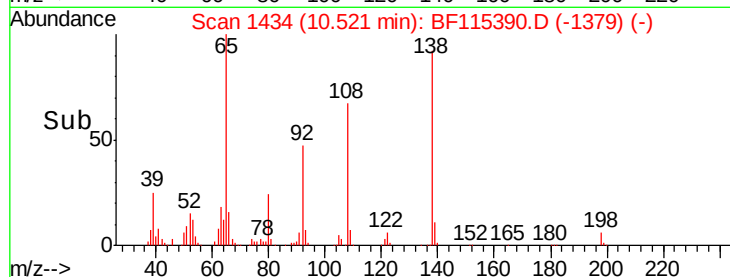
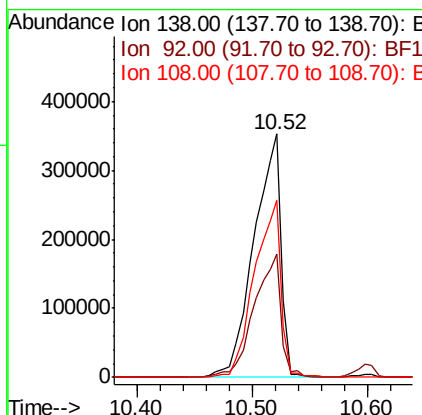
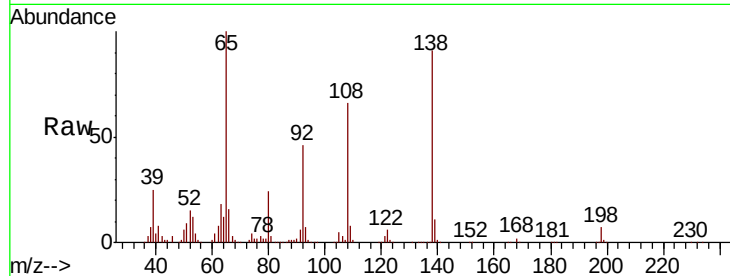
#62
4-Nitroaniline
Concen: 88.575 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.3	69.3
108	72.8	53.2	93.2

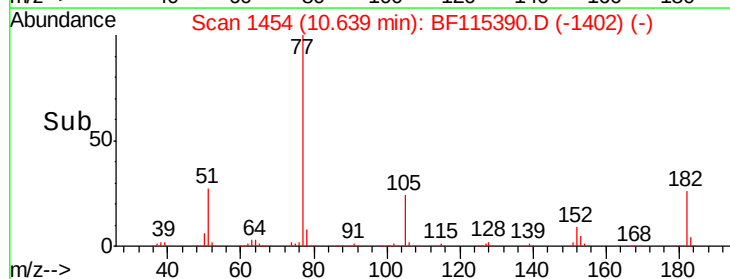
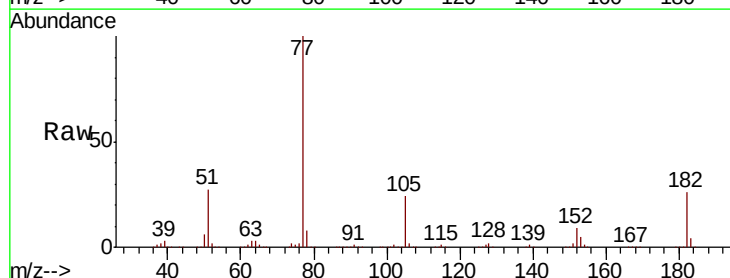
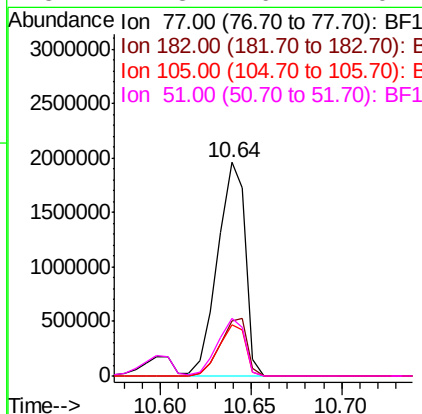
Manual Integrations
APPROVED

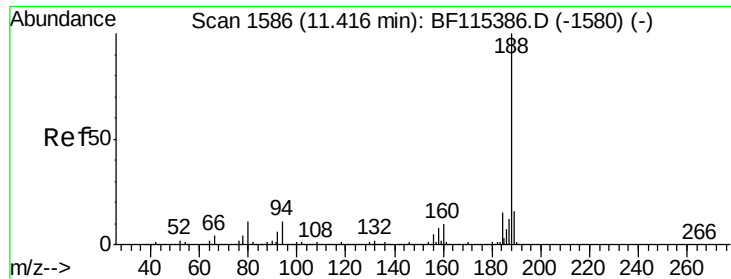
mohammad
7/8/2019 2:12:51 PM



#63
Azobenzene
Concen: 95.690 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.1	44.1
105	23.7	2.6	42.6
51	27.3	6.4	46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

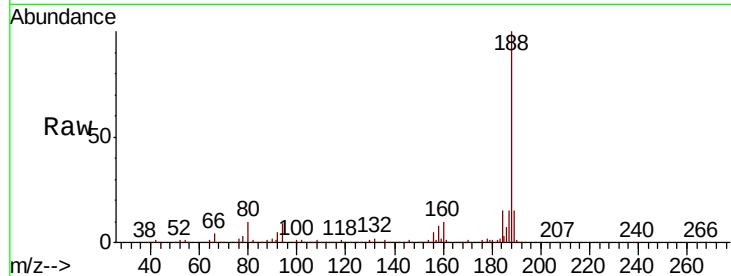
ClientSampleId :

SSTDICC100

Tot Ion:	188	Resp:	599987
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.1	9.1	13.7

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.42

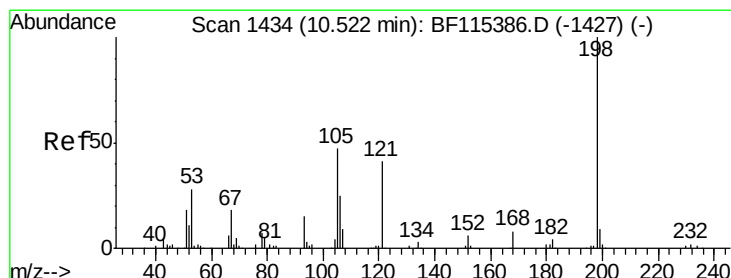
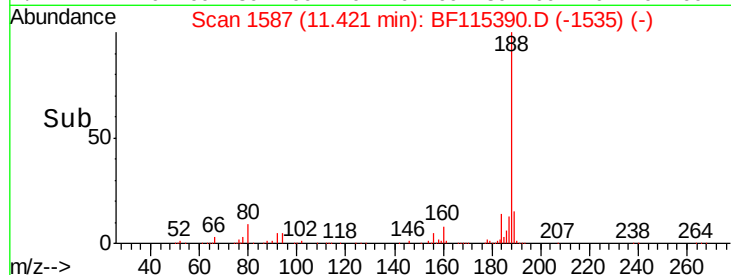
600000

400000

200000

0

Time--> 11.35 11.40 11.45



#65

4,6-Dinitro-2-methylphenol

Concen: 106.451 ng

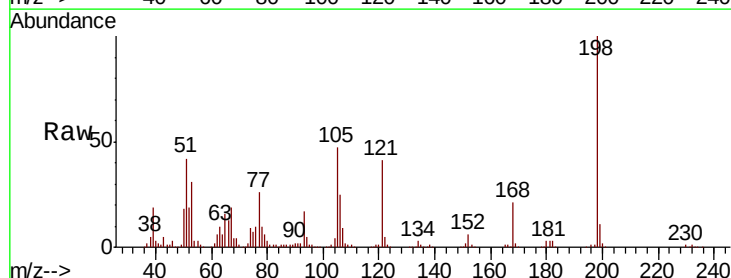
RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Tgt Ion:	198	Resp:	318073
Ion Ratio	Lower	Upper	
198	100		
51	42.1	25.4	65.4
105	46.9	27.9	67.9



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

10.54

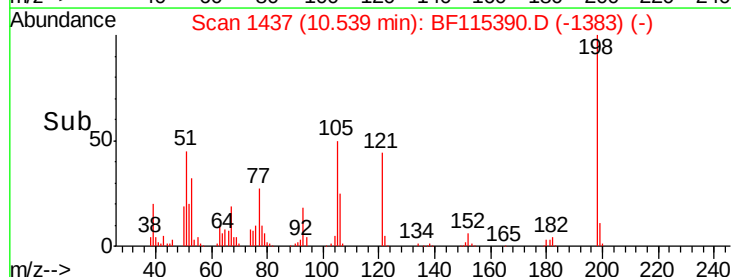
600000

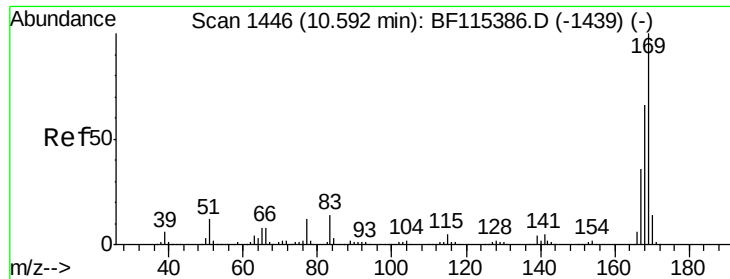
400000

200000

0

Time--> 10.50 10.55 10.60





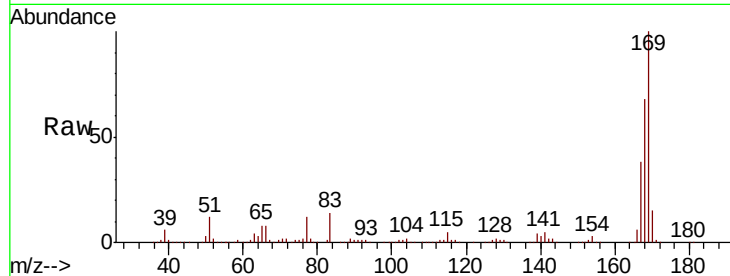
#66
n-Nitrosodiphenylamine
Concen: 87.710 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	52.6	79.0
167	37.5	29.2	43.8

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM

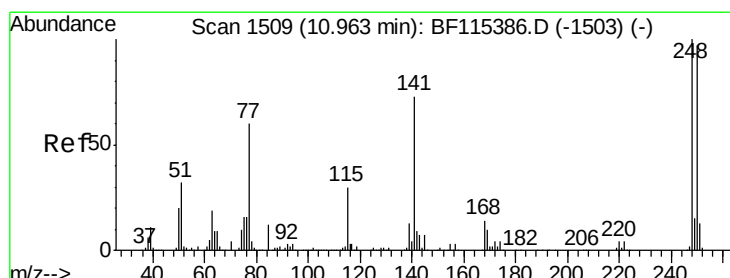
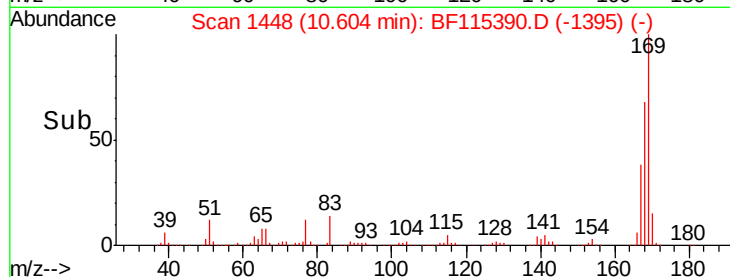
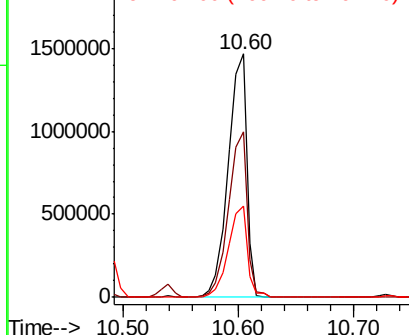


Abundance

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: 94.438 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

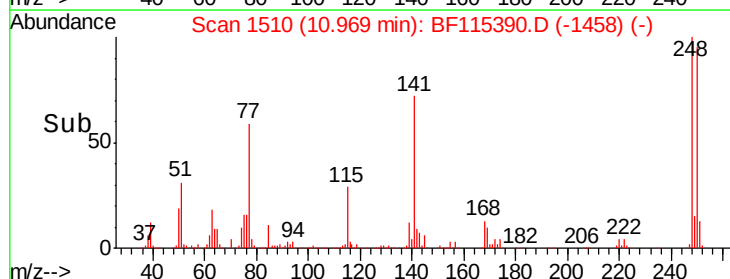
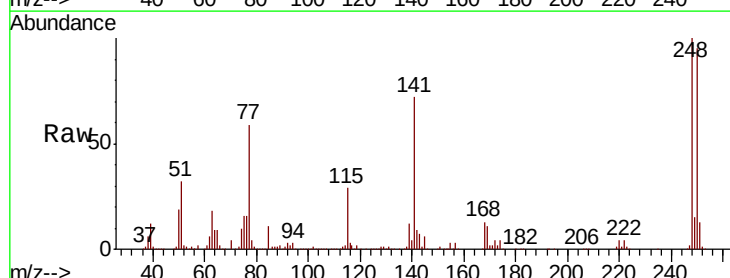
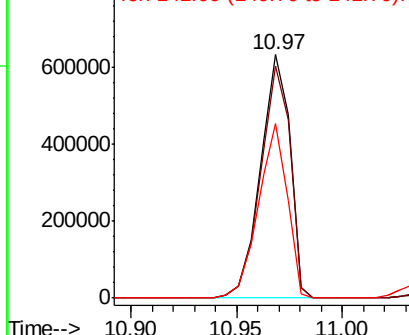
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.3	115.9
141	71.9	58.5	87.7

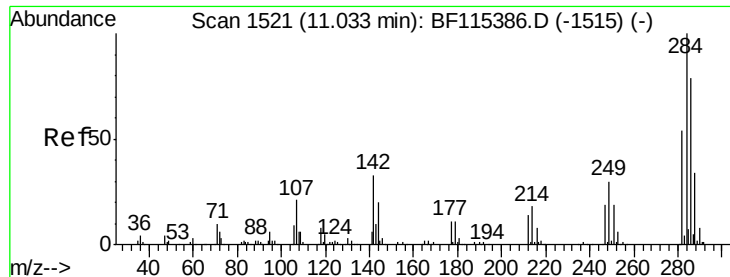
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





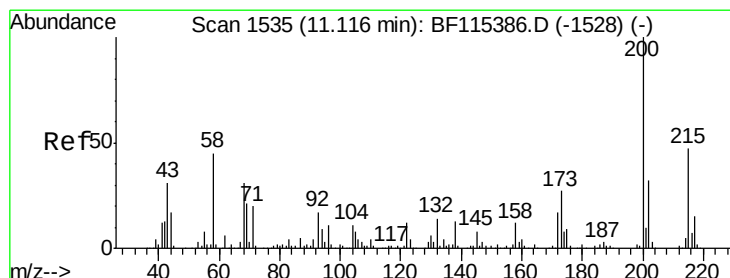
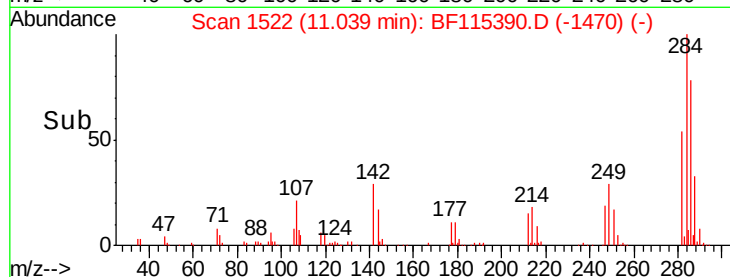
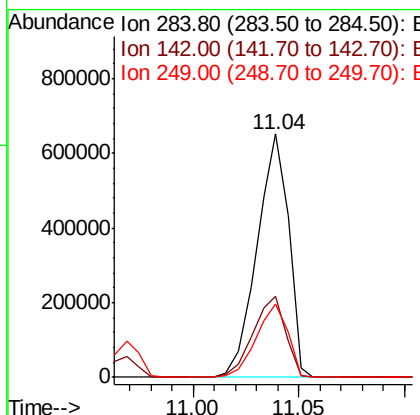
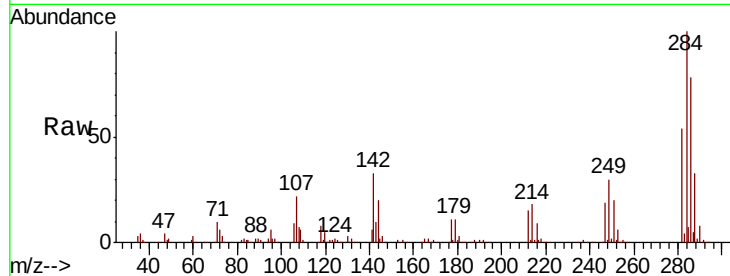
#68
Hexachlorobenzene
Concen: 96.046 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
284	100	678166		
142	33.2	26.5	39.7	
249	30.3	24.2	36.2	

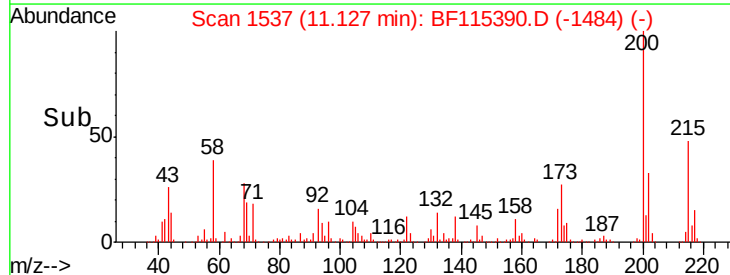
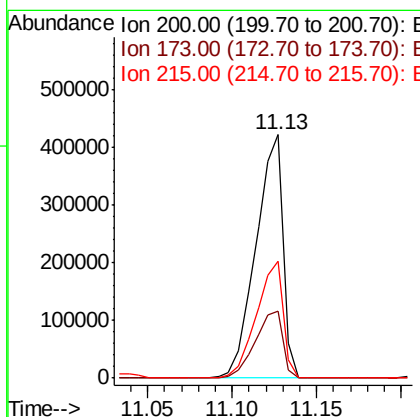
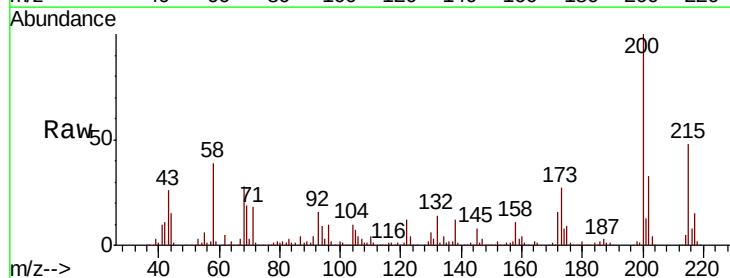
Manual Integrations
APPROVED

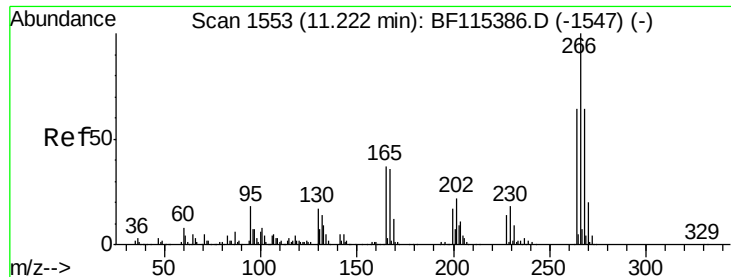
mohammad
7/8/2019 2:12:51 PM



#69
Atrazine
Concen: 78.114 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	469701		
173	27.5	7.1	47.1	
215	48.2	27.5	67.5	





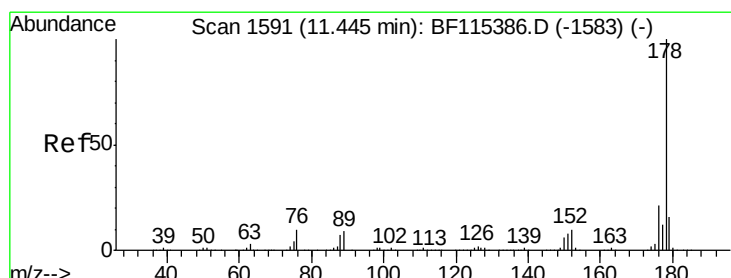
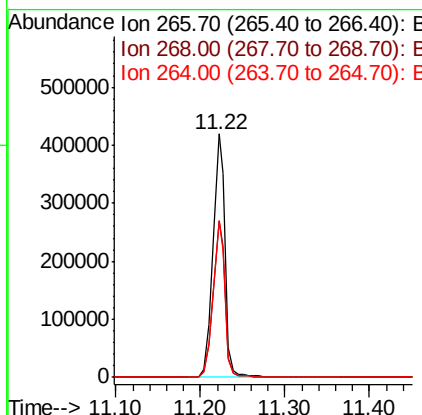
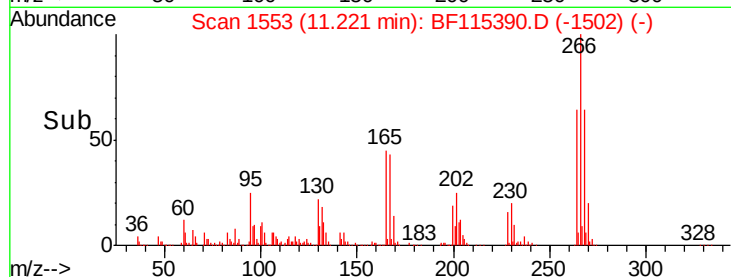
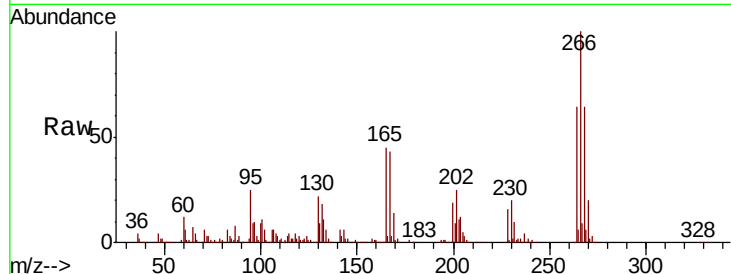
#70
 Pentachlorophenol
 Concen: 96.726 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.3	76.9
264	64.1	51.6	77.4

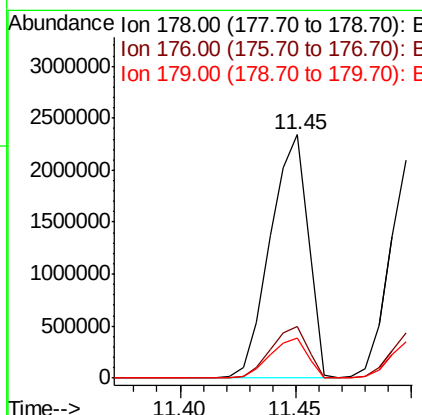
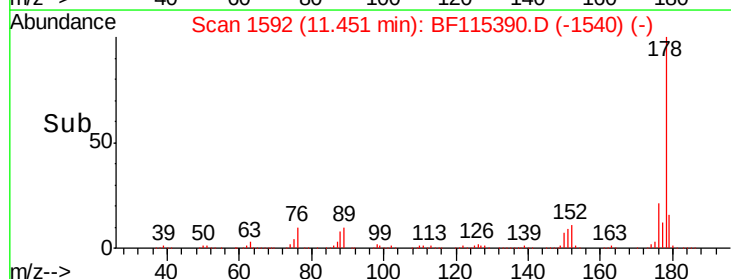
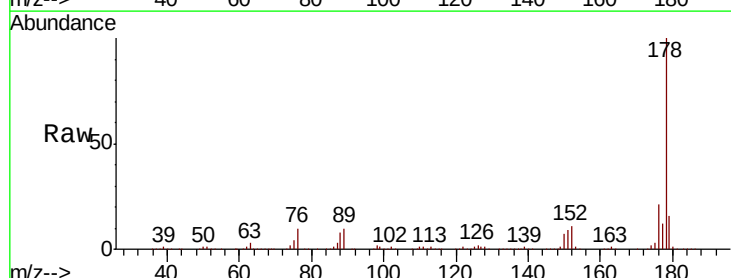
Manual Integrations
 APPROVED

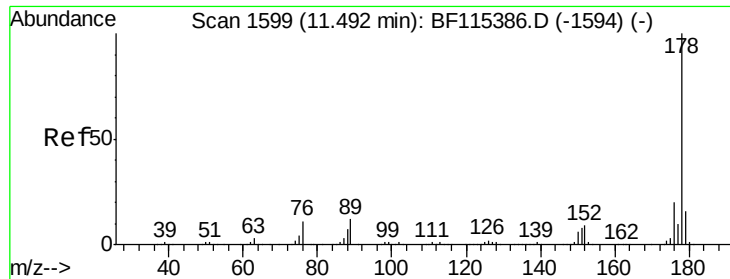
mohammad
 7/8/2019 2:12:51 PM



#71
 Phenanthrene
 Concen: 82.670 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	25.0
179	16.5	13.0	19.6





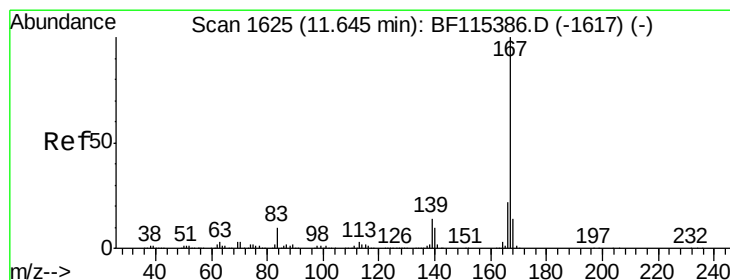
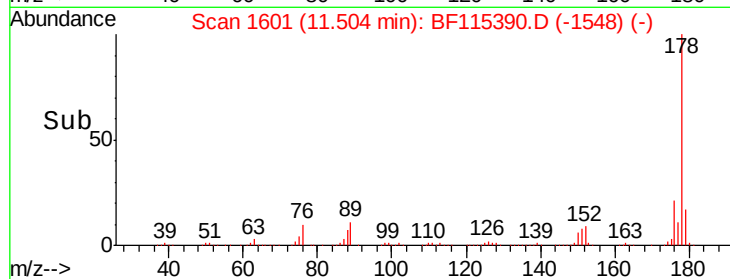
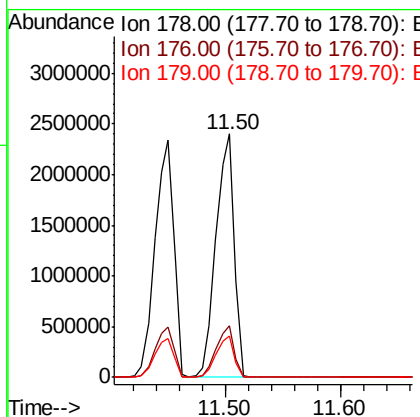
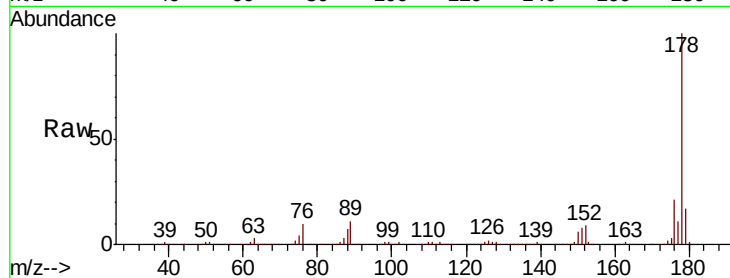
#72
 Anthracene
 Concen: 80.715 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:178 Resp: 2632021
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.0 24.0
 179 16.9 13.1 19.7

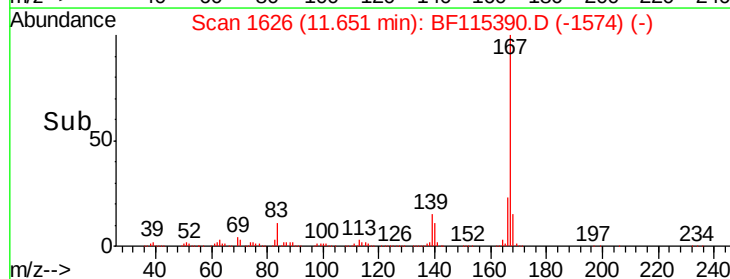
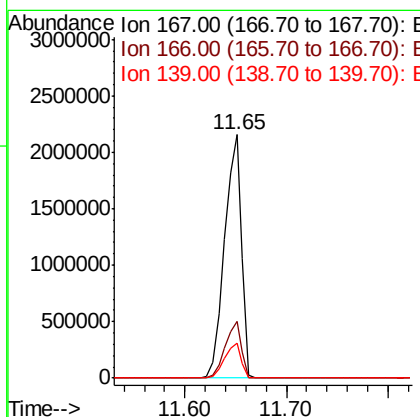
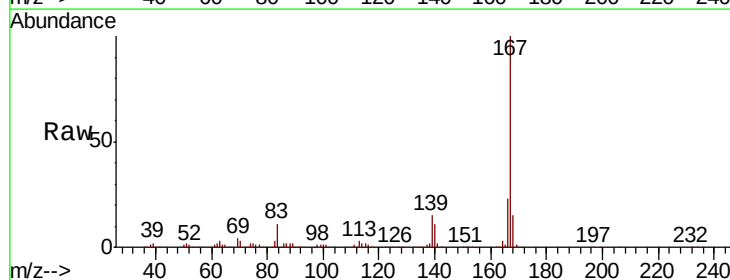
Manual Integrations
 APPROVED

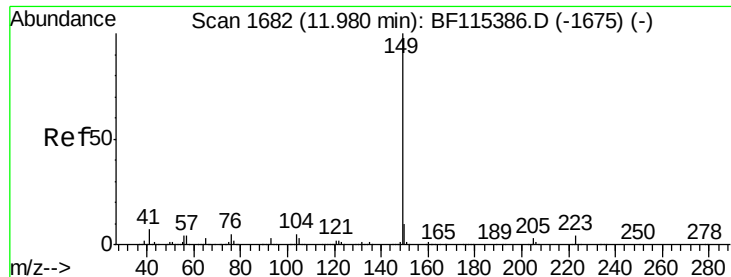
mohammad
 7/8/2019 2:12:51 PM



#73
 Carbazole
 Concen: 85.392 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:167 Resp: 2486476
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 14.6 11.0 16.6





#74

Di-n-butylphthalate

Concen: 84.409 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:149 Resp: 2840199

Ion Ratio Lower Upper

149 100

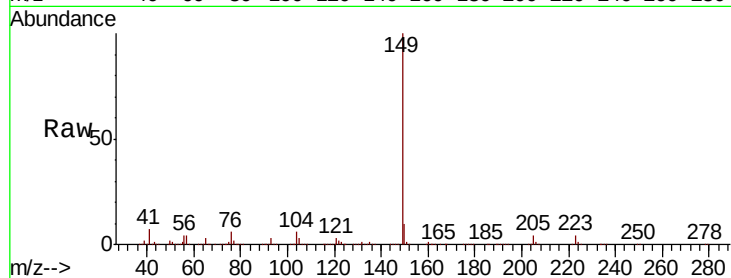
150 10.4 8.0 12.0

104 5.9 4.4 6.6

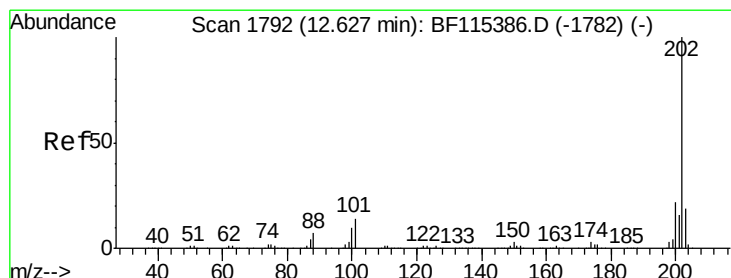
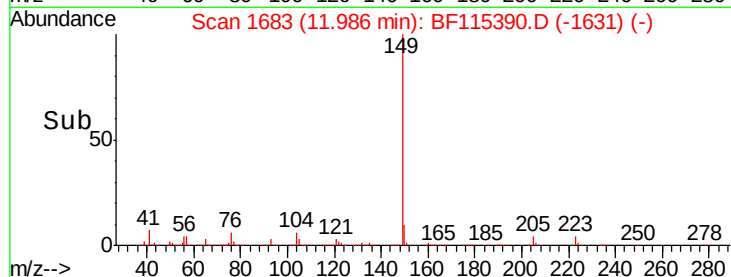
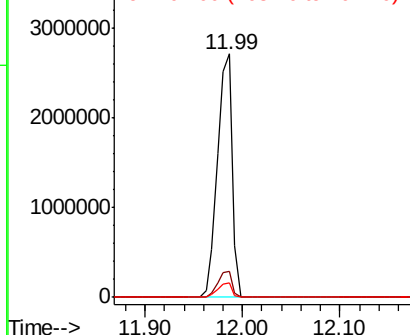
Manual Integrations
APPROVED

mohammad

7/8/2019 2:12:51 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 86.435 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

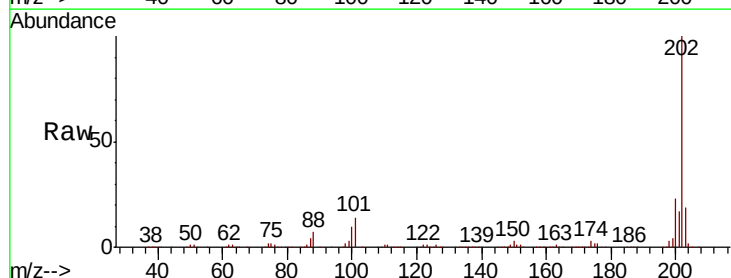
Tgt Ion:202 Resp: 2785894

Ion Ratio Lower Upper

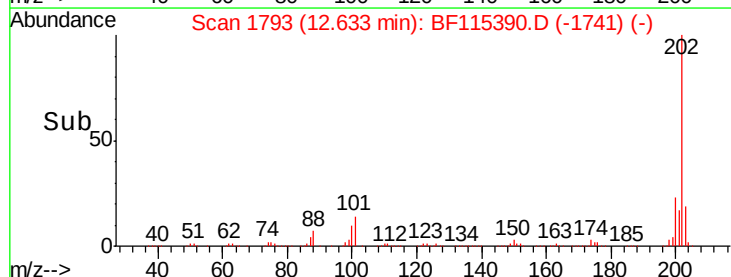
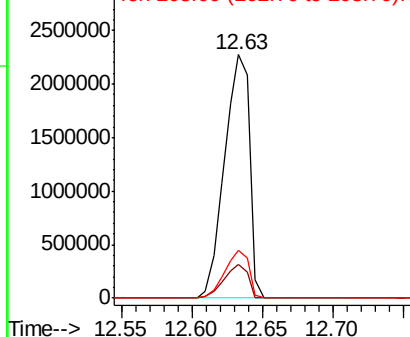
202 100

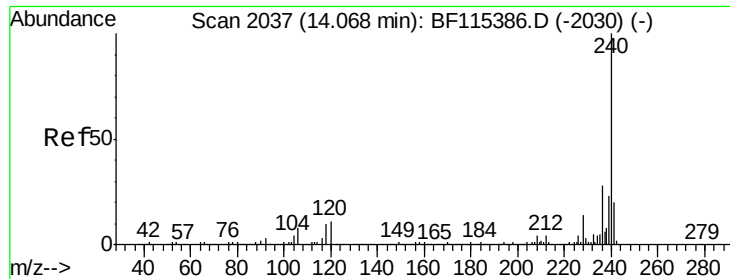
101 13.9 0.0 34.0

203 19.5 0.0 38.5



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





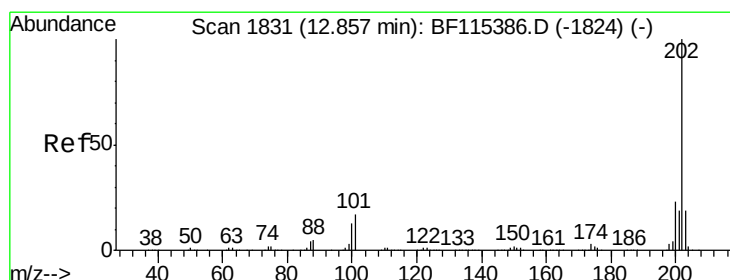
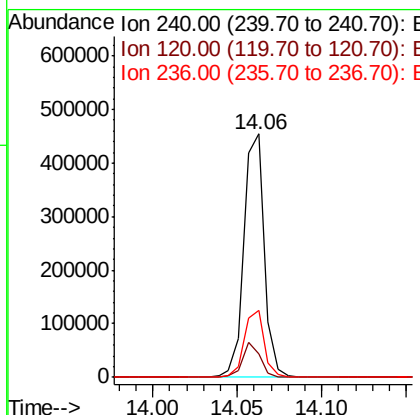
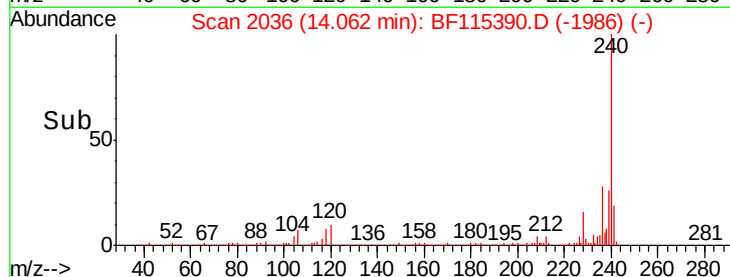
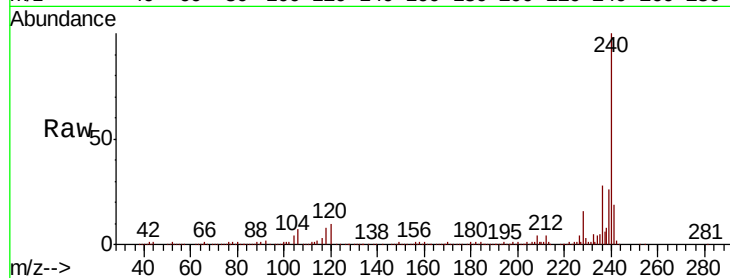
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.1	13.7
236	27.7	22.5	33.7

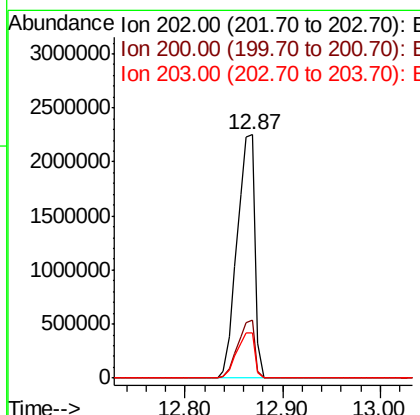
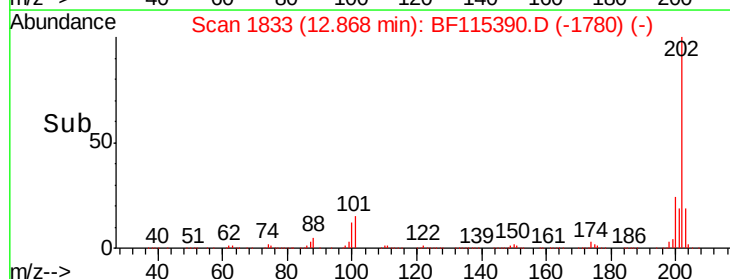
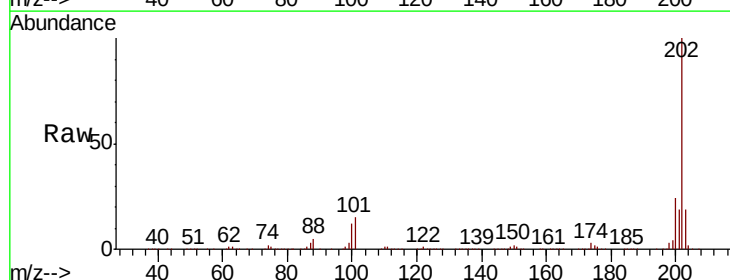
Manual Integrations
APPROVED

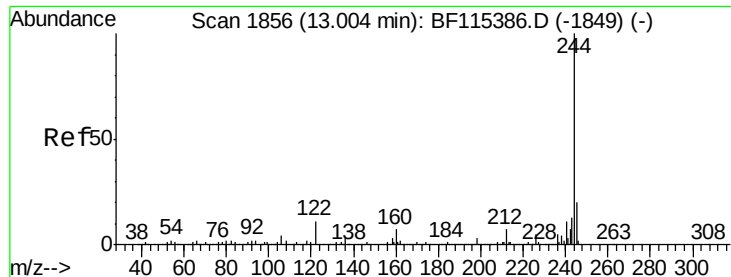
mohammad
7/8/2019 2:12:51 PM



#78
Pyrene
Concen: 95.686 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.4
203	18.8	14.8	22.2





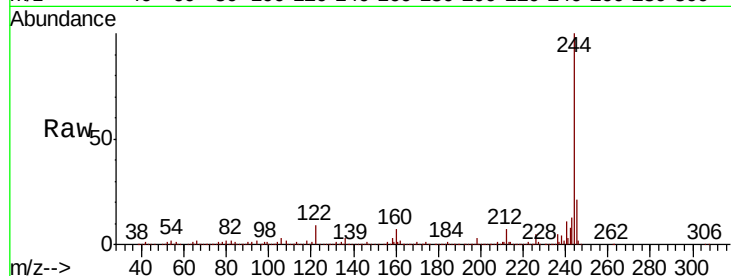
#79
 Terphenyl-d14
 Concen: 185.039 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

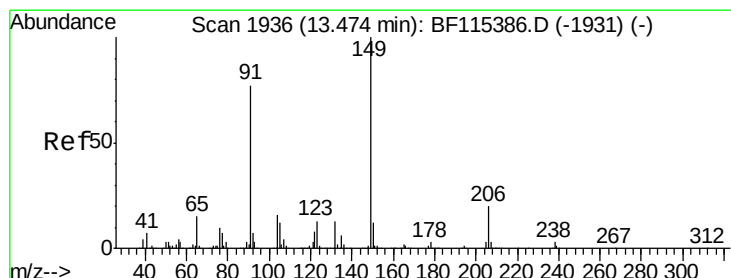
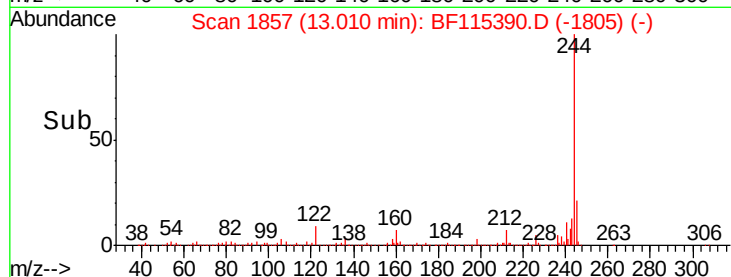
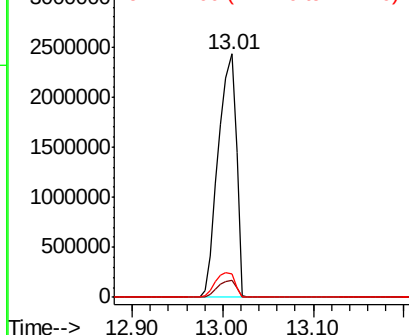
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.4	9.1	13.7

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:51 PM

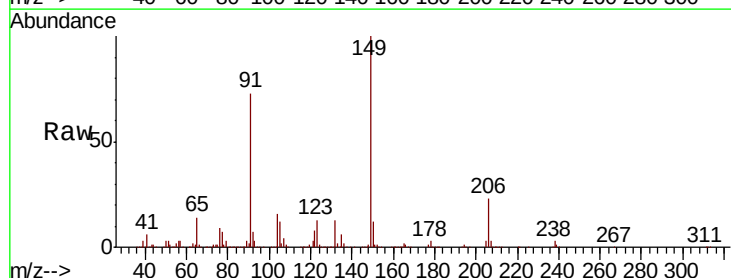


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

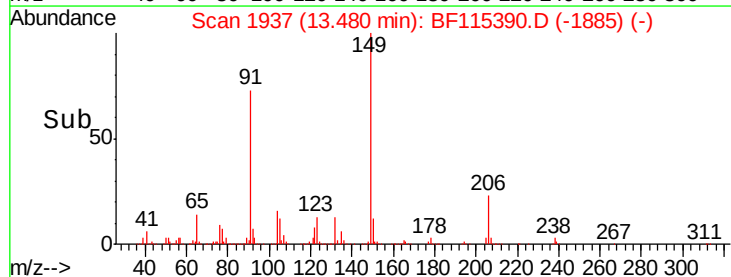
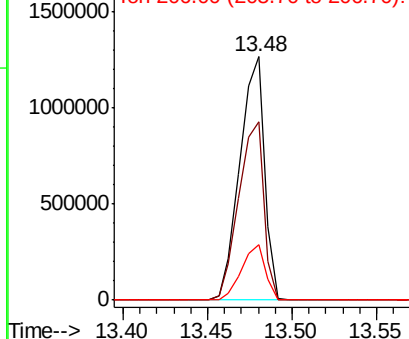


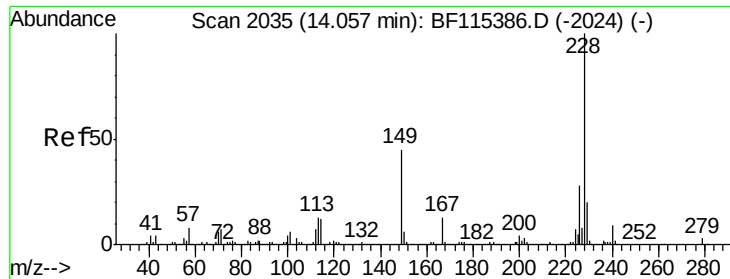
#80
 Butylbenzylphthalate
 Concen: 99.368 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	61.4	92.0
206	22.5	16.1	24.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





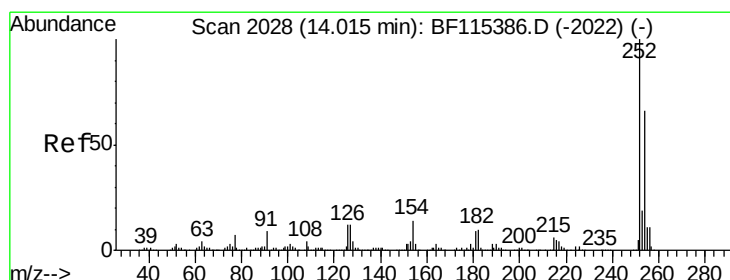
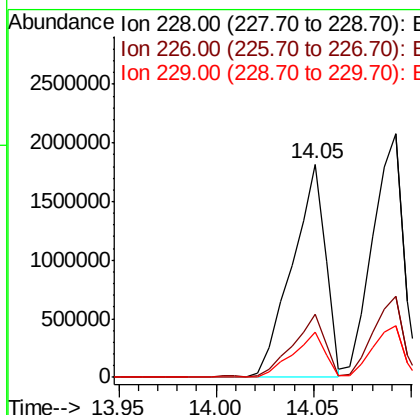
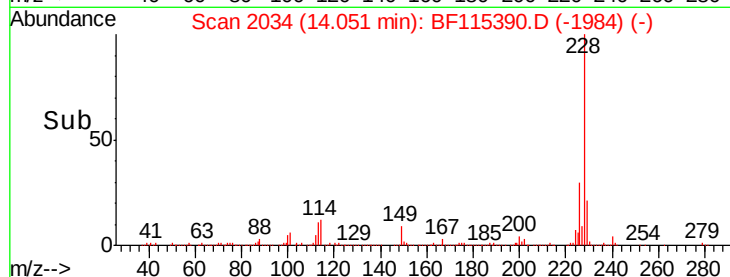
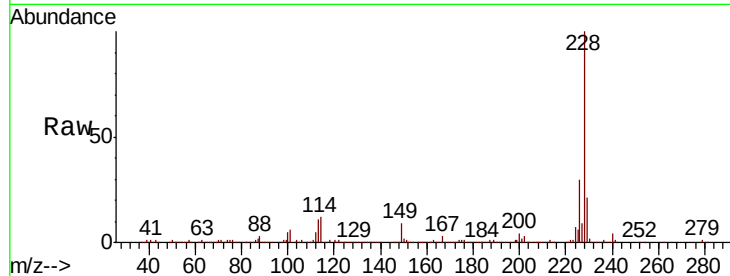
#81
Benzo(a)anthracene
Concen: 78.231 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion:228 Resp: 2159666
Ion Ratio Lower Upper
228 100
226 29.8 22.7 34.1
229 20.9 16.3 24.5

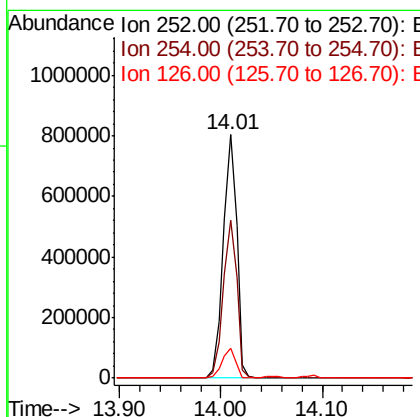
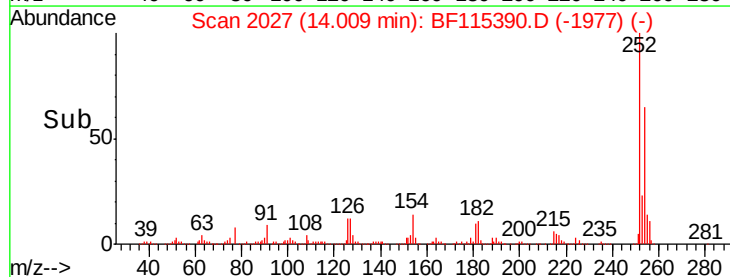
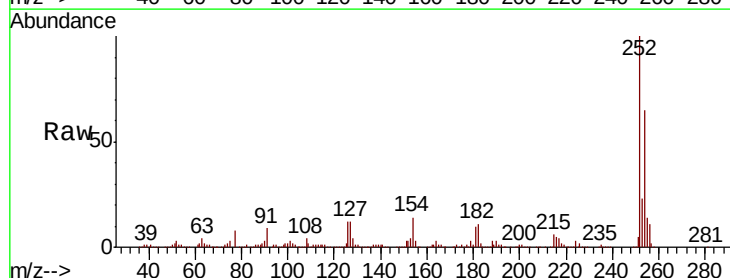
Manual Integrations
APPROVED

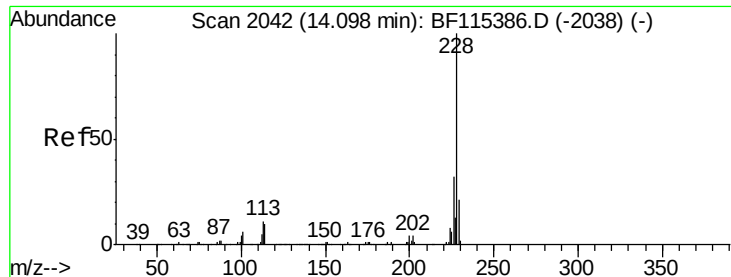
mohammad
7/8/2019 2:12:51 PM



#82
3,3'-Dichlorobenzidine
Concen: 74.579 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:252 Resp: 743485
Ion Ratio Lower Upper
252 100
254 64.7 53.0 79.4
126 12.3 9.8 14.8





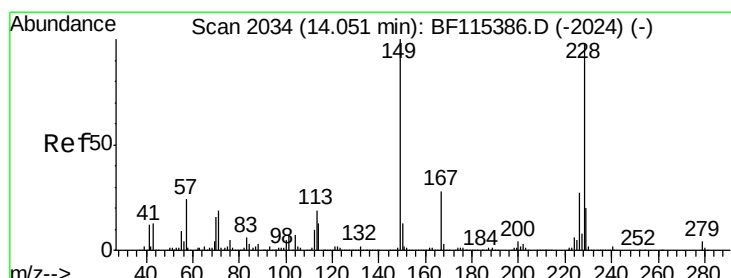
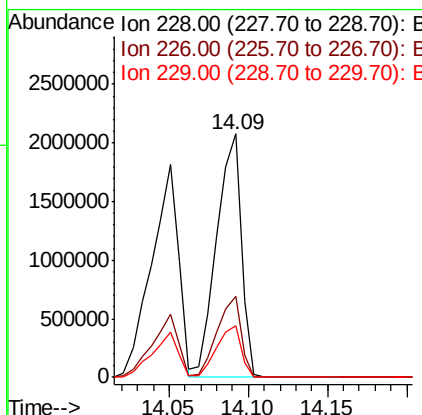
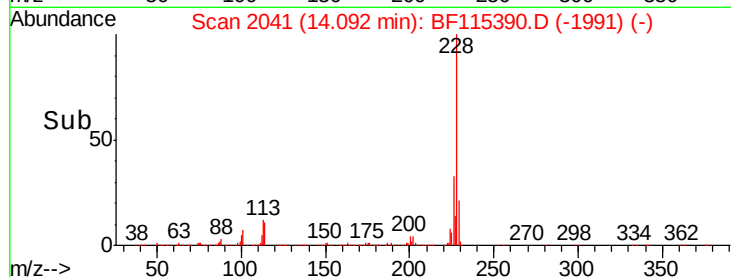
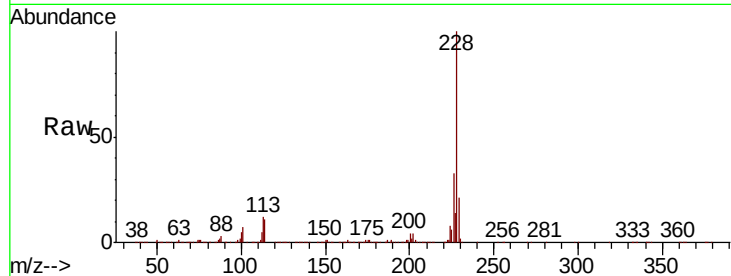
#83
 Chrysene
 Concen: 89.205 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:228 Resp: 2255806
 Ion Ratio Lower Upper
 228 100
 226 33.5 25.7 38.5
 229 21.2 16.6 25.0

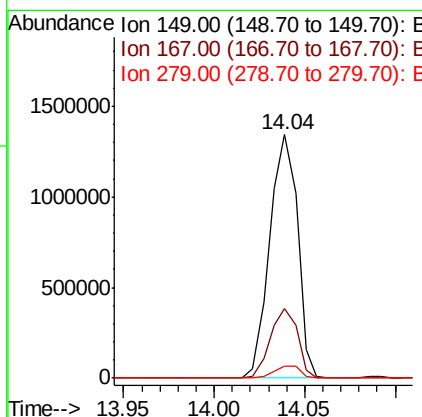
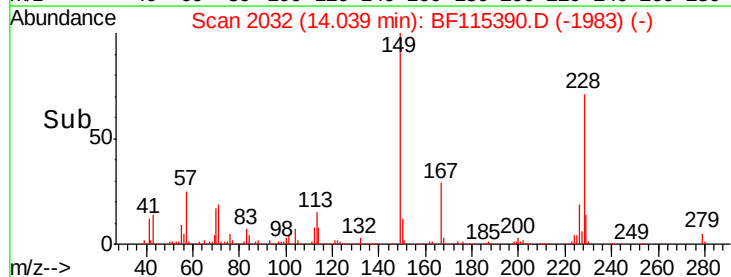
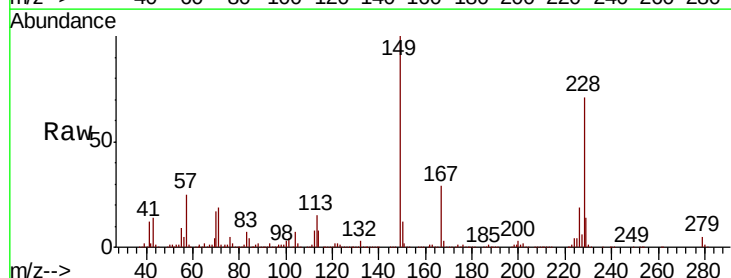
Manual Integrations
 APPROVED

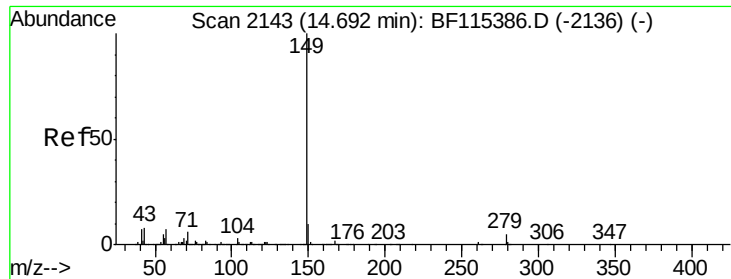
mohammad
 7/8/2019 2:12:51 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 83.848 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:149 Resp: 1433595
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.3 33.5
 279 4.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 90.335 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.04 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 2595030

Ion Ratio Lower Upper

149 100

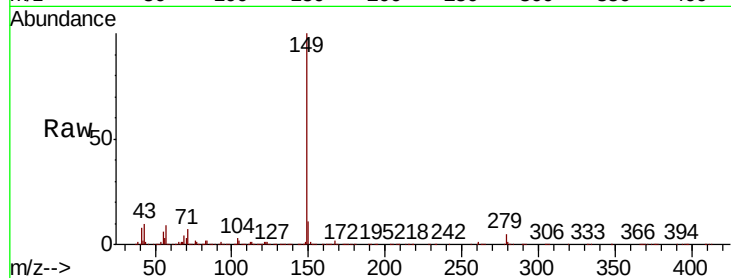
167 1.7 1.3 1.9

43 9.9 7.6 11.4

Manual Integrations
APPROVED

mohammad

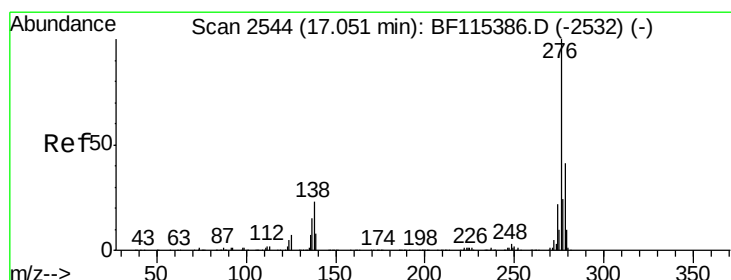
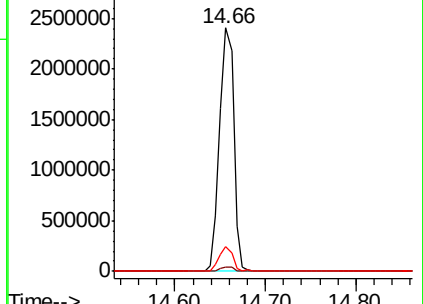
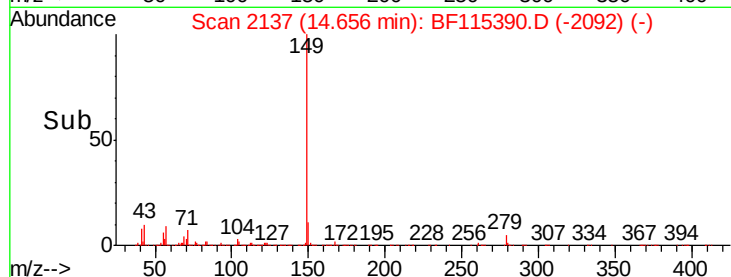
7/8/2019 2:12:51 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.193 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

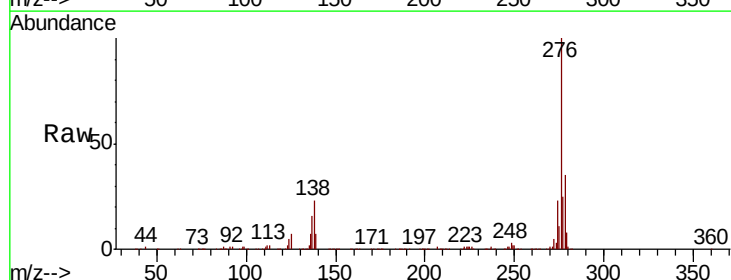
Tgt Ion:276 Resp: 1920863

Ion Ratio Lower Upper

276 100

138 25.9 0.0 0.0#

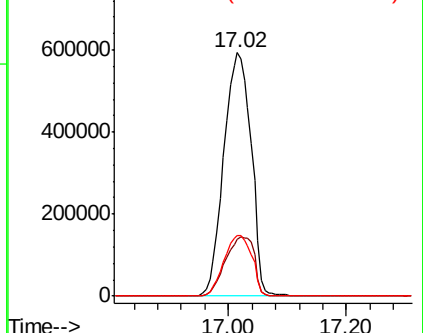
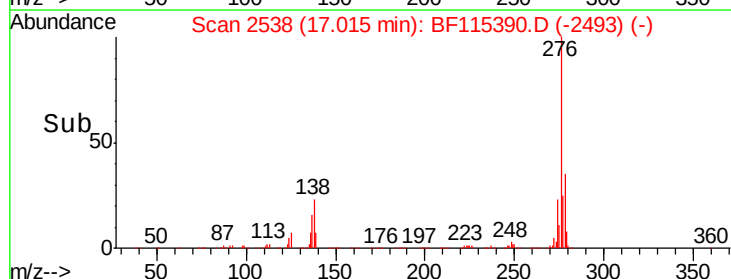
277 25.6 0.0 0.0#

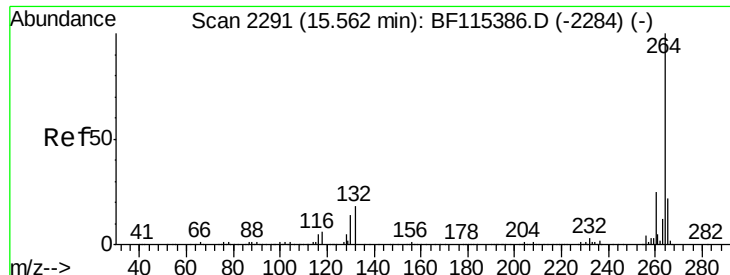


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





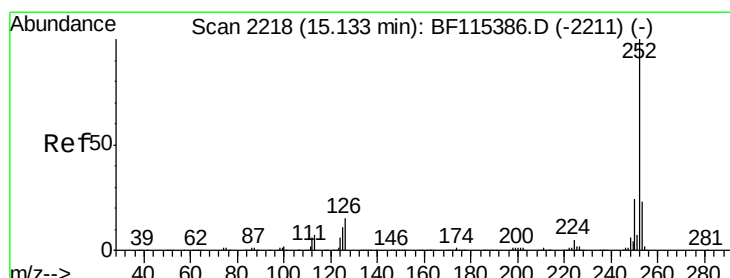
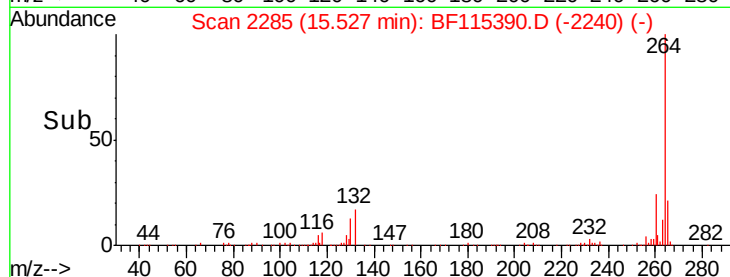
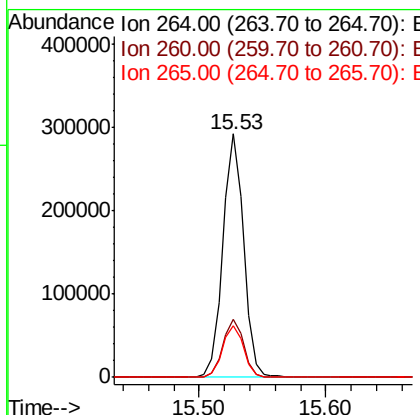
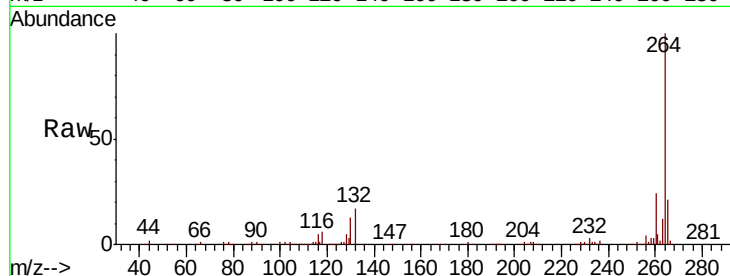
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.9	29.9
265	21.3	17.4	26.2

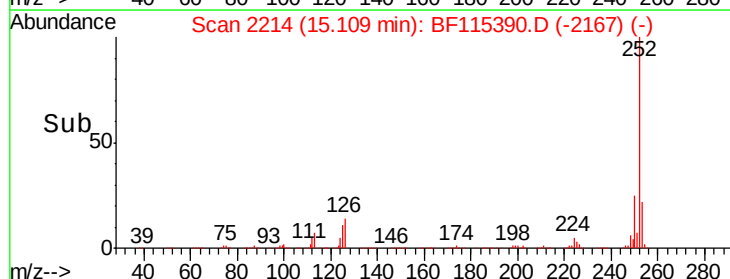
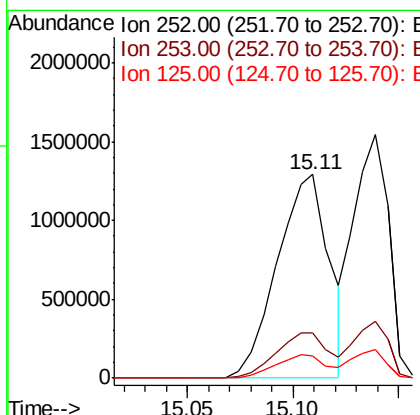
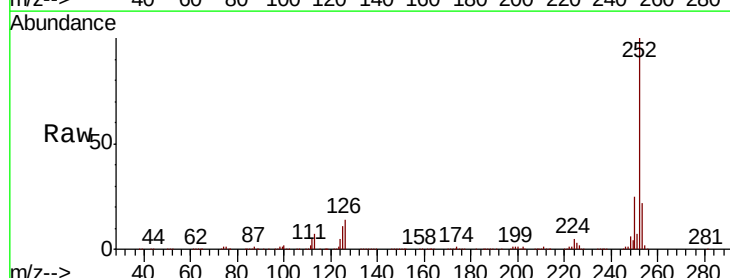
Manual Integrations
APPROVED

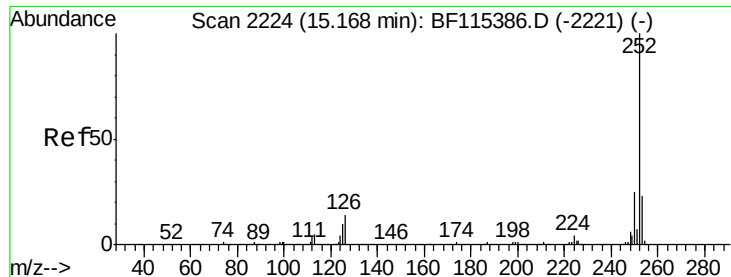
mohammad
7/8/2019 2:12:51 PM



#88
Benzo(b)fluoranthene
Concen: 106.320 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.8	9.0	13.6





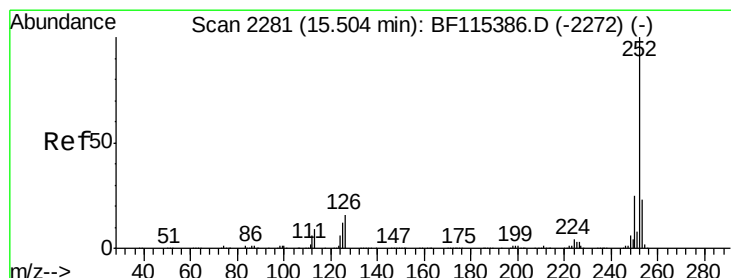
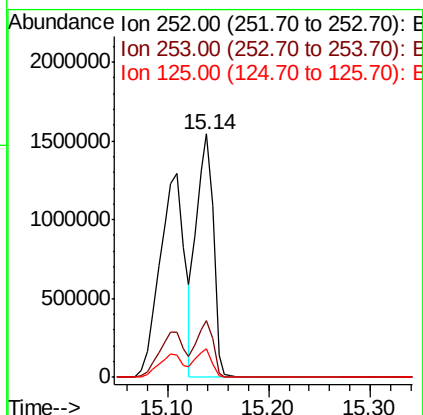
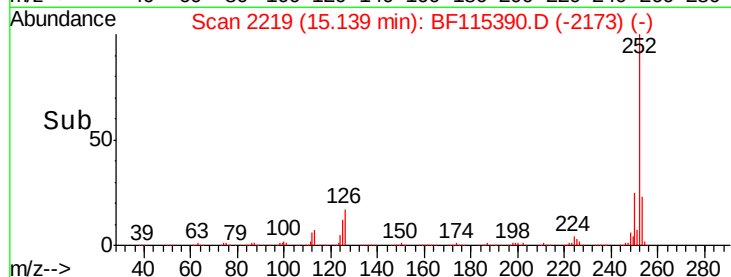
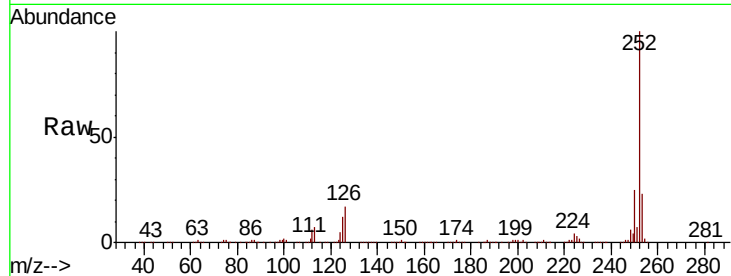
#89
Benzo(k)fluoranthene
Concen: 95.648 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:252 Resp: 1778065
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.7 8.3 12.5

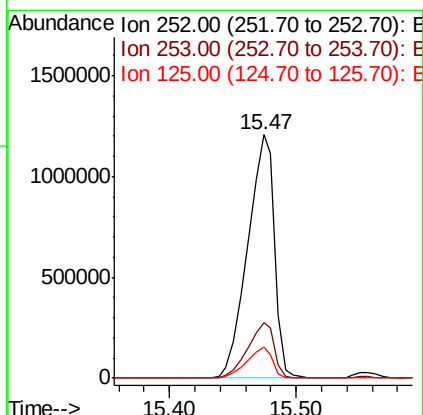
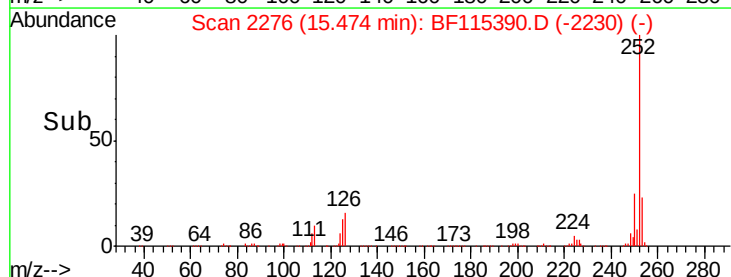
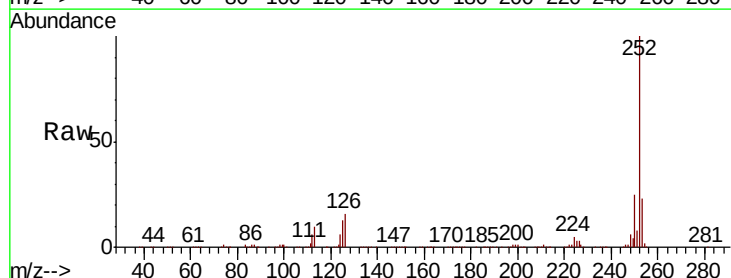
Manual Integrations
APPROVED

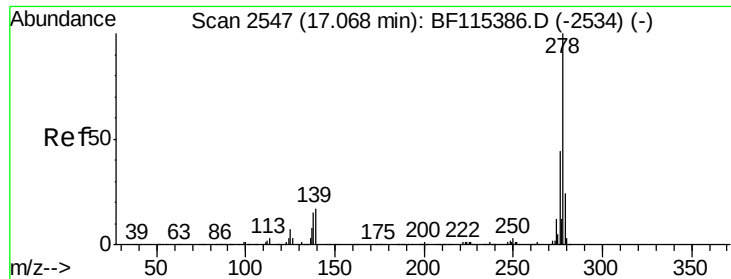
mohammad
7/8/2019 2:12:51 PM



#90
Benzo(a)pyrene
Concen: 95.417 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:252 Resp: 1782728
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.8 10.0 15.0





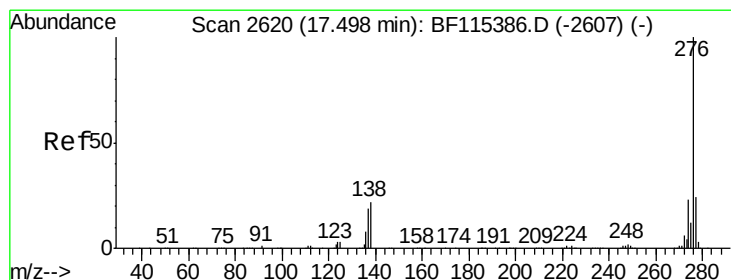
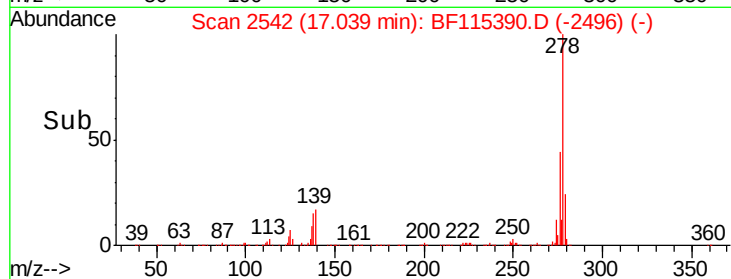
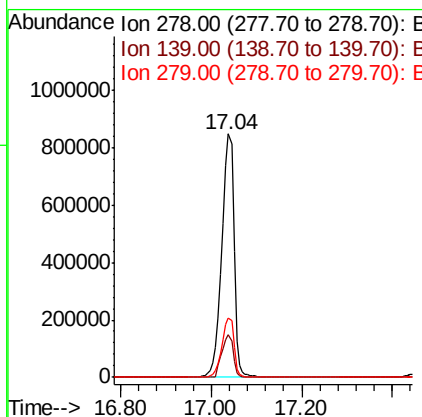
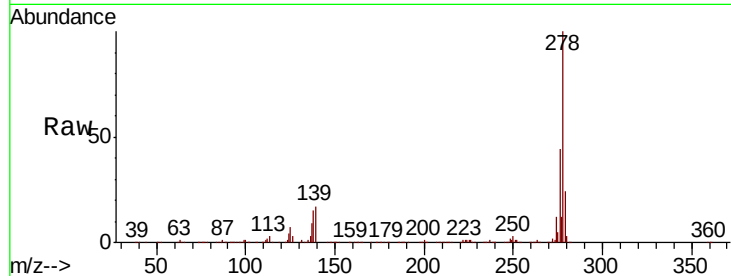
#91
Dibenzo(a,h)anthracene
Concen: 89.207 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:278 Resp: 1555977
Ion Ratio Lower Upper
278 100
139 17.3 13.4 20.2
279 24.5 19.4 29.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:51 PM



#92
Benzo(g,h,i)perylene
Concen: 89.392 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:276 Resp: 1578105
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 23.0 17.8 26.6

