

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115386.D
 Acq On : 5 Jul 2019 9:46
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:43 PM

Quant Time: Jul 05 12:15:19 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	179517	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	761886	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	386005	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	763728	20.00	ng	0.00
76) Chrysene-d12	14.07	240	566019	20.00	ng	0.00
87) Perylene-d12	15.56	264	583452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	903592	77.67	ng	0.00
7) Phenol-d6	6.52	99	1158785	82.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1009343	81.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	343022	84.27	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1809223	79.62	ng	0.00
79) Terphenyl-d14	13.00	244	2082826	78.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	218204	39.745	ng	100
3) Pyridine	3.45	79	598296	38.664	ng	100
4) n-Nitrosodimethylamine	3.40	42	248136	40.904	ng	100
6) Aniline	6.56	93	824623	42.494	ng	100
8) 2-Chlorophenol	6.68	128	520924	39.824	ng	100
9) Benzaldehyde	6.45	77	336730	36.554	ng	100
10) Phenol	6.53	94	692881m	41.893	ng	
11) bis(2-Chloroethyl)ether	6.63	93	516099	42.332	ng	100
12) 1,3-Dichlorobenzene	6.84	146	566250	39.006	ng	100
13) 1,4-Dichlorobenzene	6.92	146	562235	38.622	ng	100
14) 1,2-Dichlorobenzene	7.07	146	523200	38.810	ng	100
15) Benzyl Alcohol	7.03	79	471088	45.819	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	715037	40.437	ng	100
17) 2-Methylphenol	7.14	107	442429	40.977	ng	100
18) Hexachloroethane	7.42	117	209666	39.950	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	390040	43.148	ng	100
20) 3+4-Methylphenols	7.30	107	535413	42.946	ng	100
22) Acetophenone	7.30	105	715341	41.012	ng	100
24) Nitrobenzene	7.47	77	572143	41.932	ng	100
25) Isophorone	7.72	82	1072898	42.287	ng	100
26) 2-Nitrophenol	7.79	139	237200	35.202	ng	100
27) 2,4-Dimethylphenol	7.83	122	439753	39.859	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	662616	41.320	ng	100
29) 2,4-Dichlorophenol	8.03	162	443318	38.937	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	492022	39.123	ng	100
31) Naphthalene	8.20	128	1481040	39.601	ng	100
32) Benzoic acid	7.95	122	321604	40.838	ng	100
33) 4-Chloroaniline	8.25	127	658344	38.517	ng	100
34) Hexachlorobutadiene	8.33	225	280252	40.664	ng	100
35) Caprolactam	8.62	113	146922	38.382	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	475591	41.247	ng	100
37) 2-Methylnaphthalene	8.89	142	999810	39.649	ng	100
38) 1-Methylnaphthalene	8.99	142	949537	39.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435919	39.964	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115386.D
 Acq On : 5 Jul 2019 9:46
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

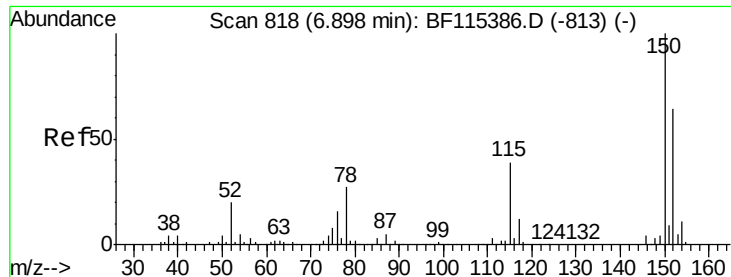
Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:43 PM

Quant Time: Jul 05 12:15:19 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)
41) Hexachlorocyclopentadiene	9.05	237	250048	38.660	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	318316	37.799	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	330996	38.167	ng	100
46) 1,1'-Biphenyl	9.36	154	1184316	38.345	ng	100
47) 2-Chloronaphthalene	9.38	162	984009	39.277	ng	100
48) 2-Nitroaniline	9.47	65	300119	41.089	ng	100
49) Acenaphthylene	9.80	152	1488202	38.126	ng	100
50) Dimethylphthalate	9.66	163	1143445	40.263	ng	100
51) 2,6-Dinitrotoluene	9.71	165	252769	38.553	ng	100
52) Acenaphthene	9.97	154	944984	38.689	ng	100
53) 3-Nitroaniline	9.88	138	296942	37.113	ng	100
54) 2,4-Dinitrophenol	9.98	184	86486	29.903	ng	100
55) Dibenzofuran	10.14	168	1323709	37.759	ng	100
56) 4-Nitrophenol	10.03	139	231702	36.122	ng	100
57) 2,4-Dinitrotoluene	10.12	165	326507	38.568	ng	100
58) Fluorene	10.48	166	985982	37.788	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	292052	40.162	ng	100
60) Diethylphthalate	10.36	149	1142036	40.005	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	496816	39.928	ng	100
62) 4-Nitroaniline	10.50	138	295564	36.823	ng	100
63) Azobenzene	10.63	77	1172726	43.982	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	133181	35.016	ng	100
66) n-Nitrosodiphenylamine	10.59	169	936441	39.357	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	330270	39.886	ng	100
68) Hexachlorobenzene	11.03	284	372372	41.431	ng	100
69) Atrazine	11.12	200	302445	39.515	ng	100
70) Pentachlorophenol	11.22	266	236781	41.353	ng	100
71) Phenanthrene	11.45	178	1563833	38.031	ng	100
72) Anthracene	11.49	178	1570776	37.843	ng	100
73) Carbazole	11.65	167	1449265	39.100	ng	100
74) Di-n-butylphthalate	11.98	149	1757503	41.034	ng	100
75) Fluoranthene	12.63	202	1665799	40.602	ng	100
77) Benzidine	12.74	184	861886	34.292	ng	100
78) Pyrene	12.86	202	1683963	38.713	ng	100
80) Butylbenzylphthalate	13.47	149	755440	39.353	ng	100
81) Benzo(a)anthracene	14.06	228	1404217	34.575	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	542960	37.021	ng	100
83) Chrysene	14.10	228	1457101	39.166	ng	100
84) Bis(2-ethylhexyl)phthalate	14.05	149	907589	36.082	ng	100
85) Di-n-octyl phthalate	14.69	149	1680238	39.757	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1236997	28.099	ng	# 100
88) Benzo(b)fluoranthene	15.13	252	1507322	41.403	ng	100
89) Benzo(k)fluoranthene	15.17	252	1266510	38.793	ng	100
90) Benzo(a)pyrene	15.50	252	1268634	38.663	ng	100
91) Dibenzo(a,h)anthracene	17.07	278	1024940	33.459	ng	100
92) Benzo(g,h,i)perylene	17.50	276	931759	30.053	ng	100

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



#1

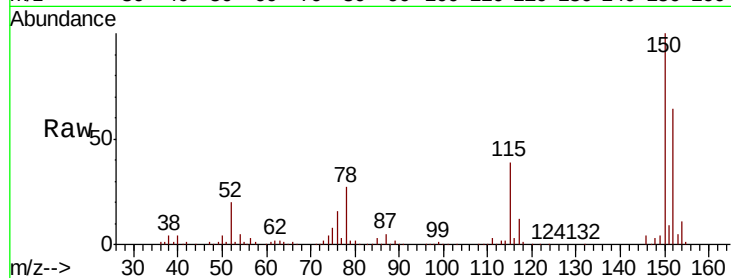
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	60.1	48.1	72.1

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

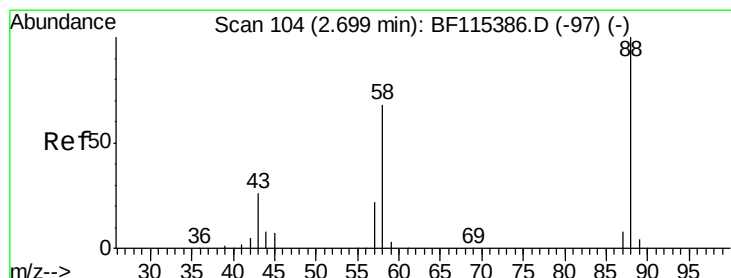
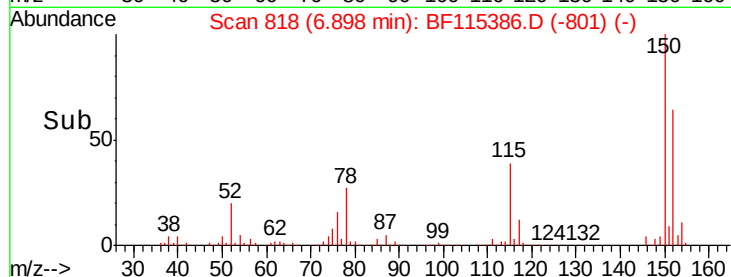
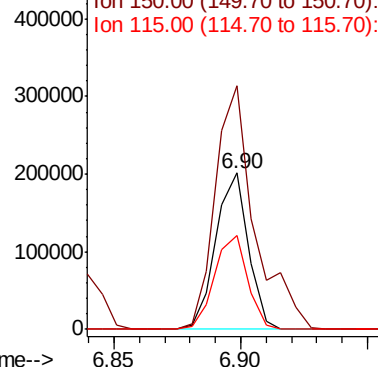


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

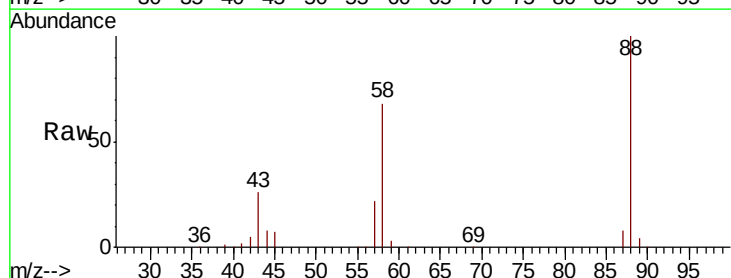
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.745 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	54.6	82.0
43	26.6	21.4	32.0

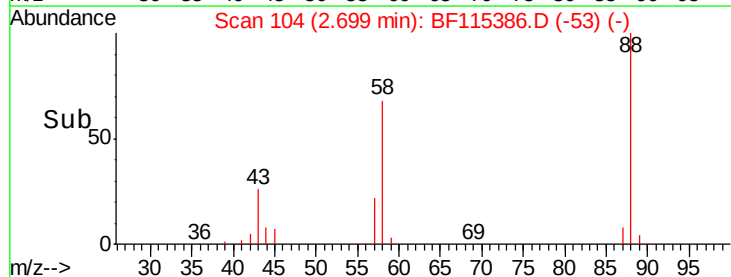
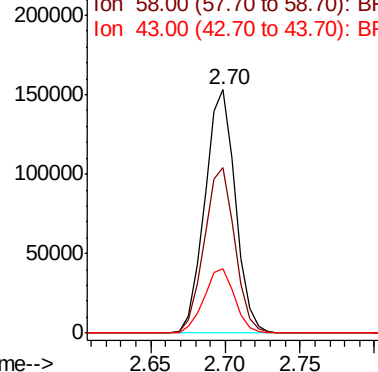


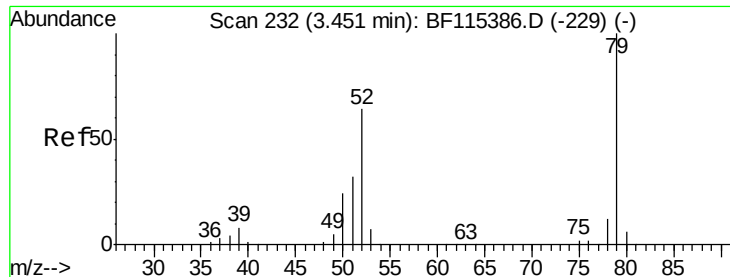
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





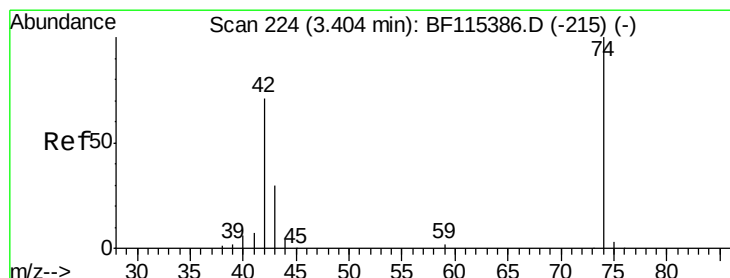
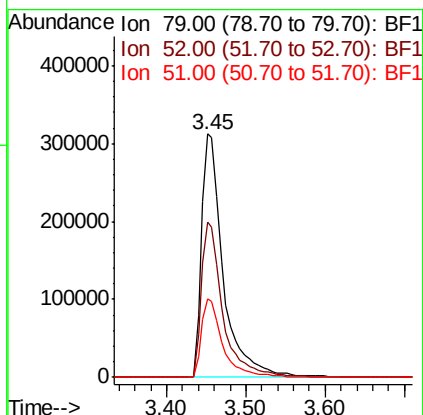
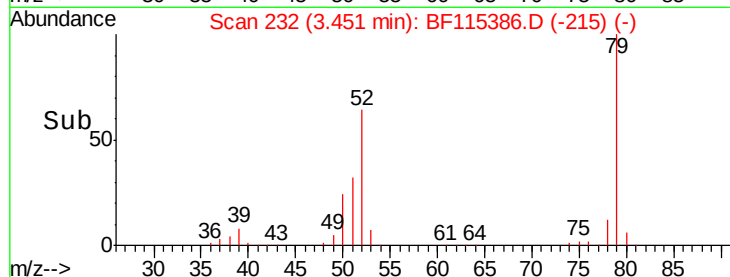
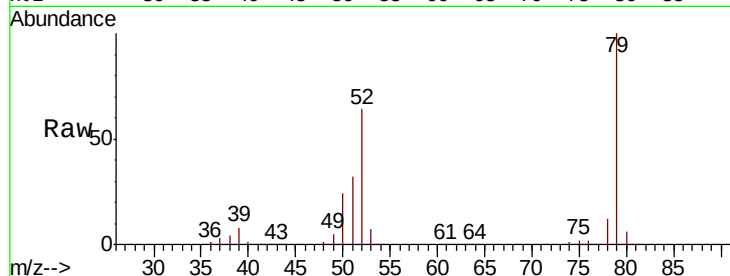
#3
 Pvridine
 Concen: 38.664 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	79	Resp:	598296
Ion	Ratio	Lower	Upper
79	100		
52	63.6	50.9	76.3
51	32.2	25.8	38.6

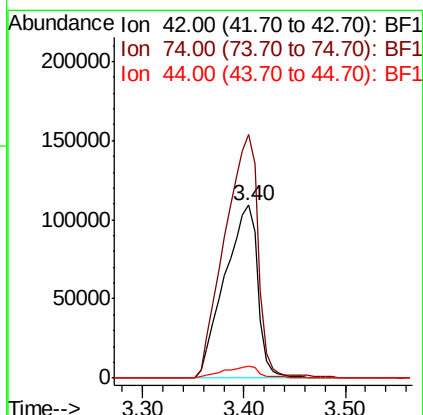
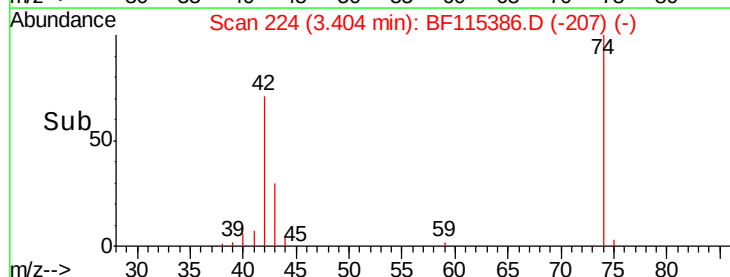
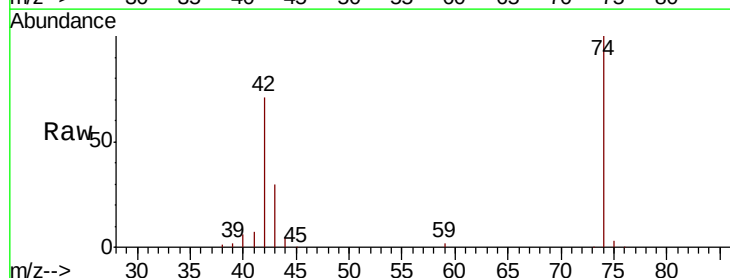
Manual Integrations
 APPROVED

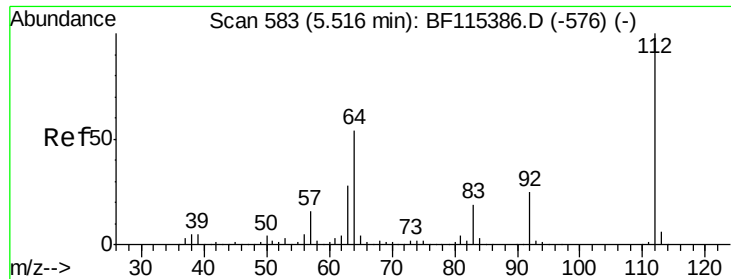
mohammad
 7/8/2019 2:12:43 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.904 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:	42	Resp:	248136
Ion	Ratio	Lower	Upper
42	100		
74	141.0	112.8	169.2
44	6.7	5.4	8.0





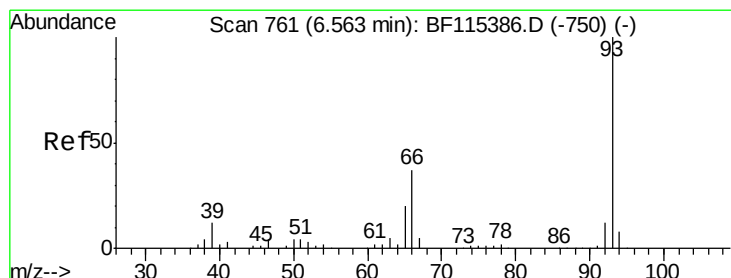
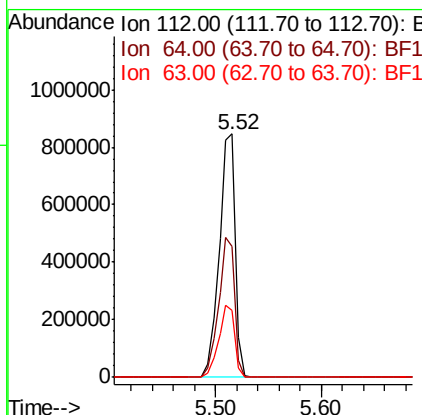
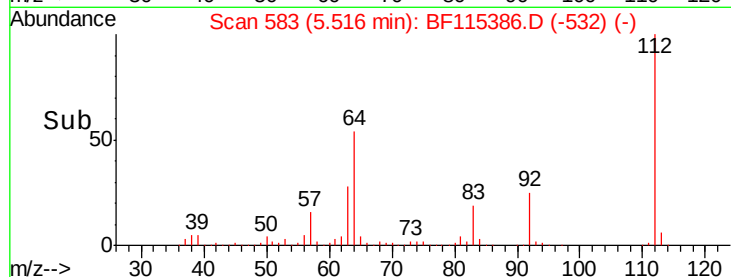
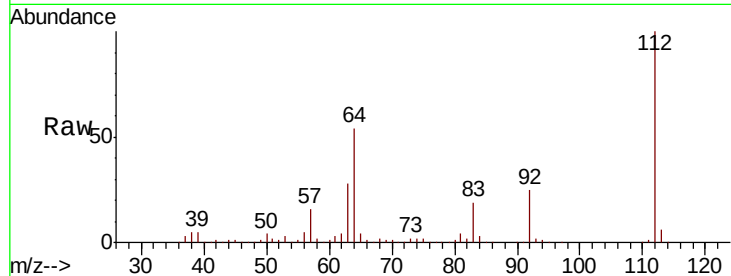
#5
2-Fluorophenol
Concen: 77.675 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		903592		
64	53.8	43.0	64.6		
63	27.7	22.2	33.2		

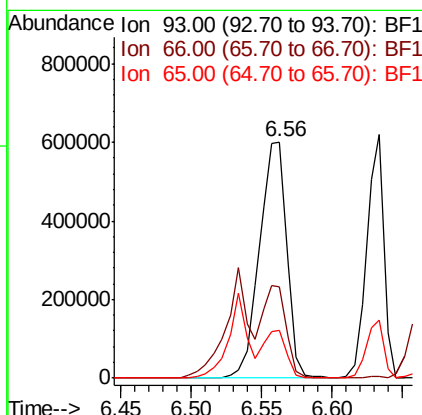
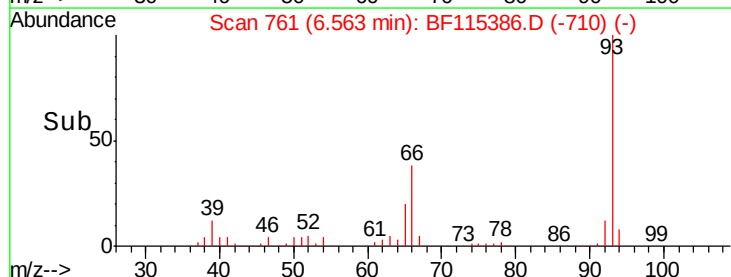
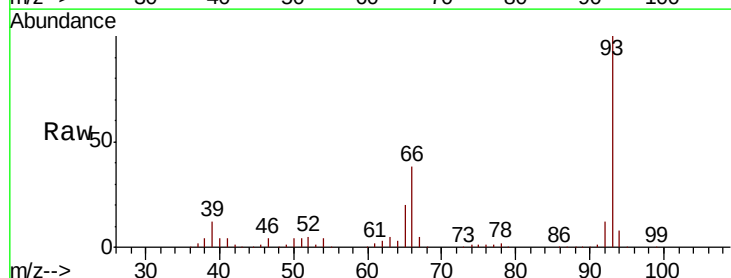
Manual Integrations
APPROVED

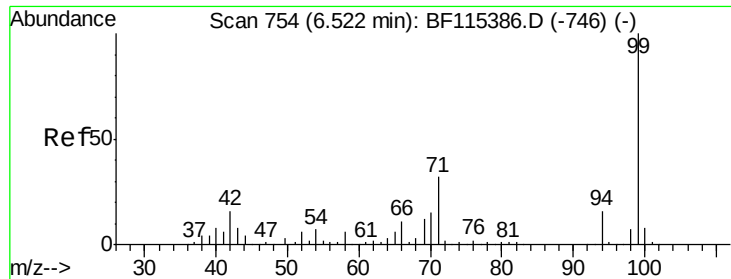
mohammad
7/8/2019 2:12:43 PM



#6
Aniline
Concen: 42.494 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		824623		
66	38.5	30.8	46.2		
65	20.0	16.0	24.0		





#7

Phenol-d6

Concen: 82.069 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1158785

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

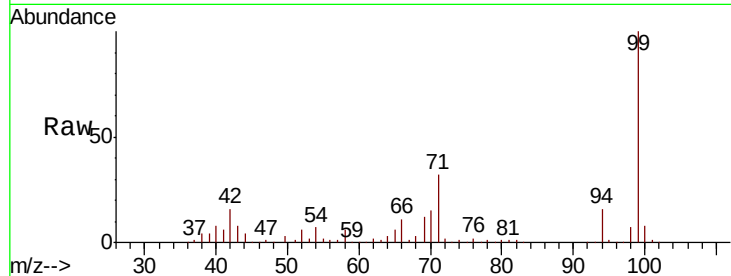
71 32.4 25.9 38.9

Manual Integrations

APPROVED

mohammad

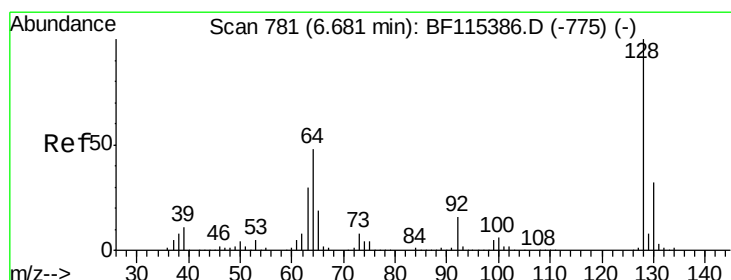
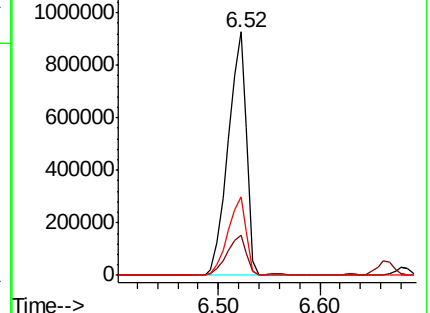
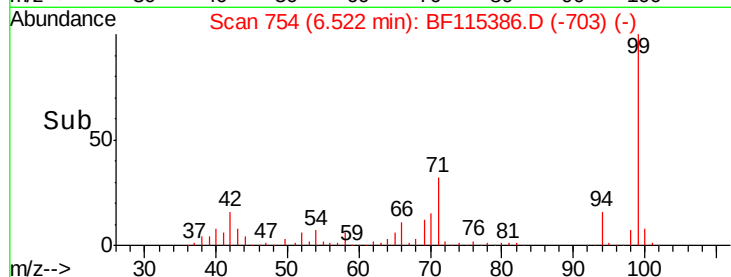
7/8/2019 2:12:43 PM



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: 39.824 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

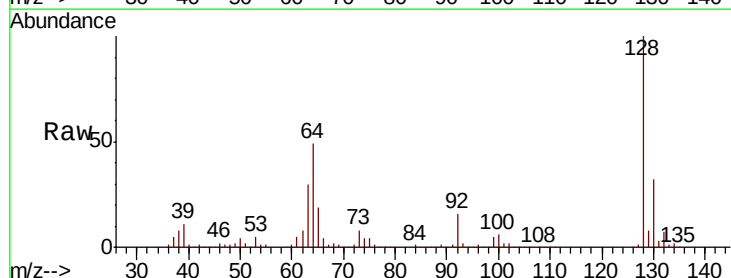
Tgt Ion: 128 Resp: 520924

Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

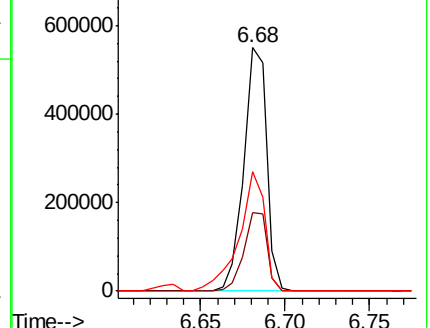
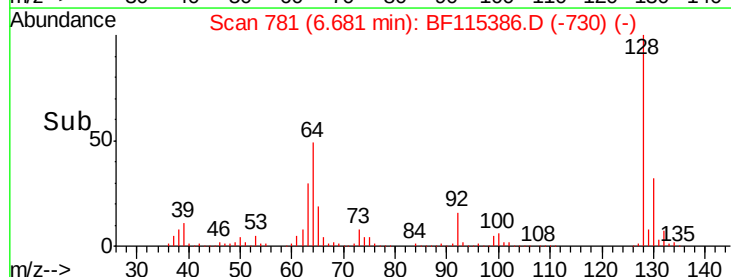
64 48.8 28.8 68.8

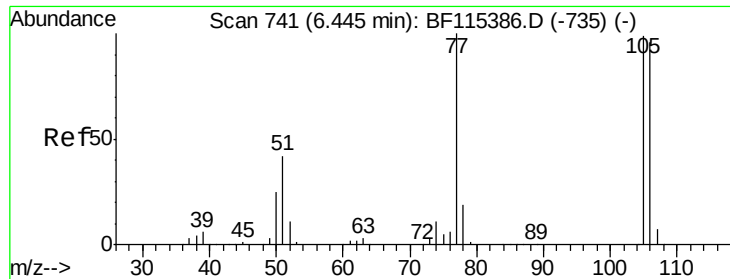


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.554 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

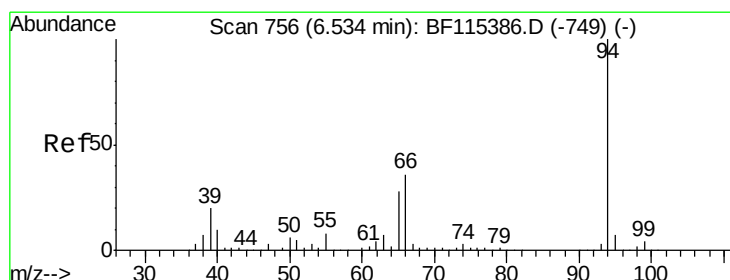
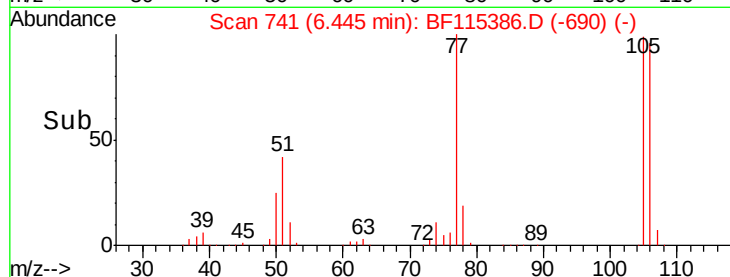
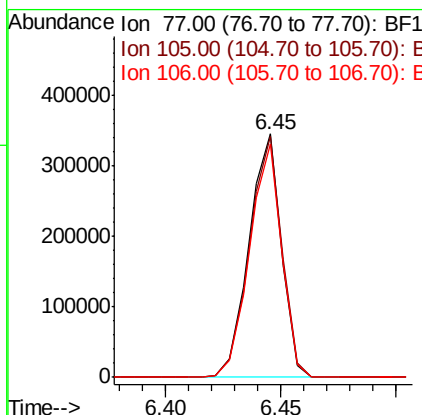
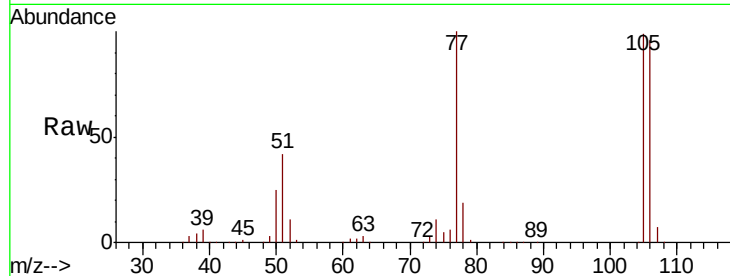
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	336730
Ion	Ratio	Lower	Upper
77	100		
105	99.0	79.0	119.0
106	95.7	75.7	115.7

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM



#10

Phenol

Concen: 41.893 ng m

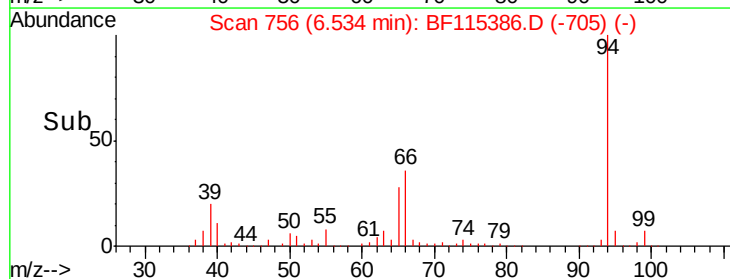
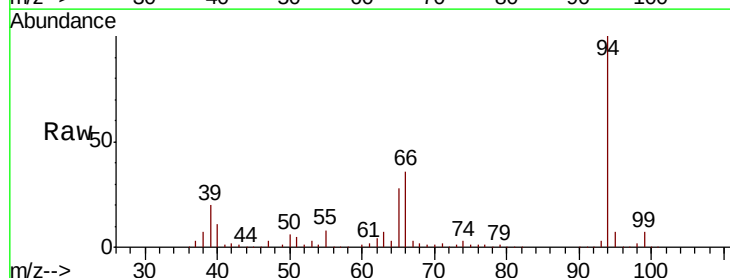
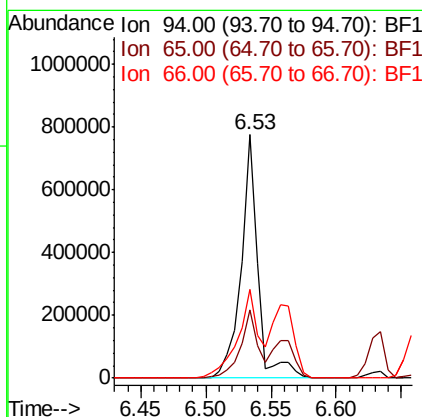
RT: 6.53 min Scan# 756

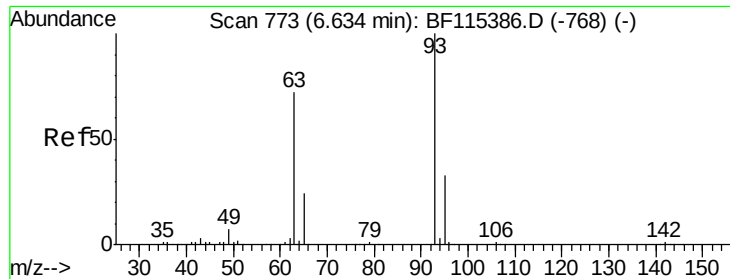
Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion:	94	Resp:	692881
Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.0	48.0
66	36.2	16.2	56.2





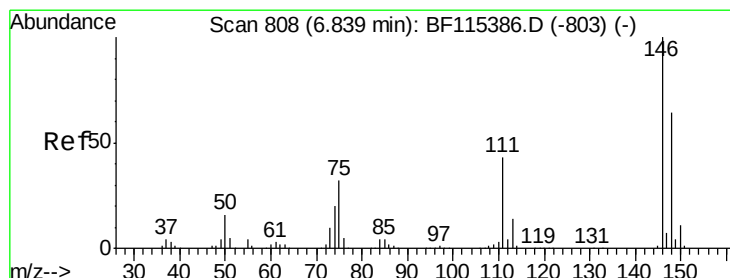
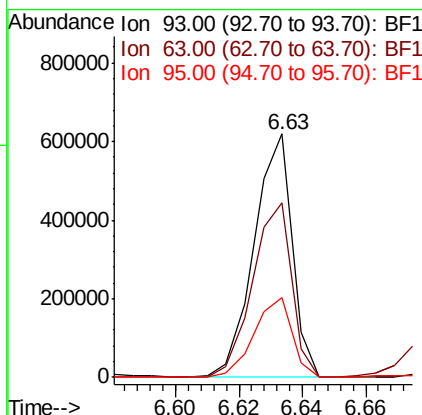
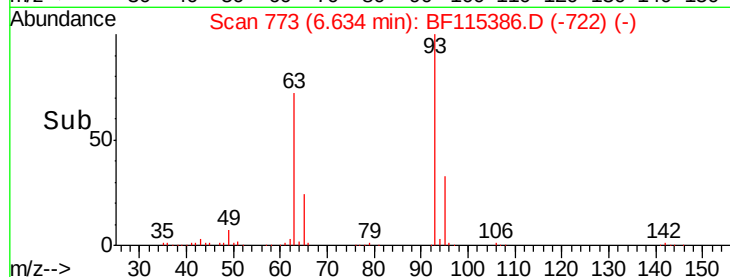
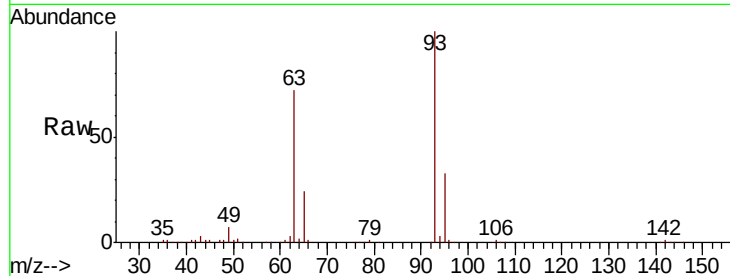
#11
bis(2-Chloroethyl)ether
Concen: 42.332 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	93	Resp:	516099
Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	32.9	12.9	52.9

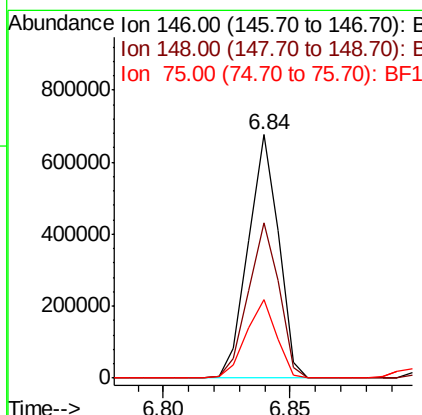
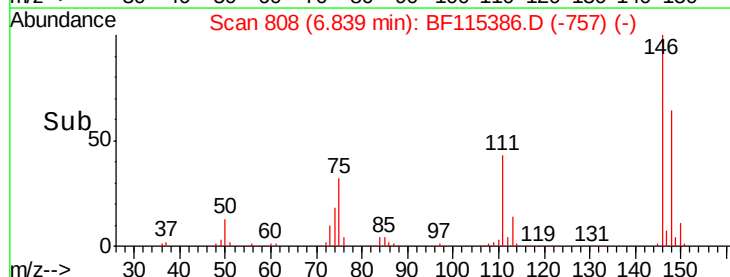
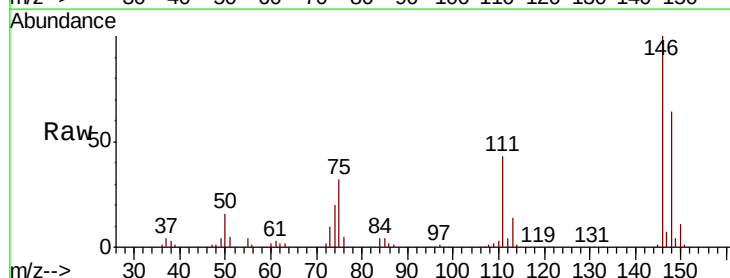
Manual Integrations
APPROVED

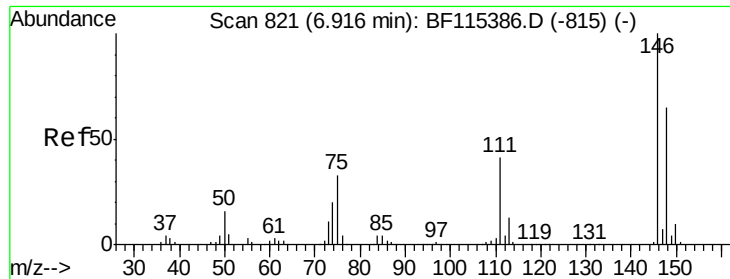
mohammad
7/8/2019 2:12:43 PM



#12
1,3-Dichlorobenzene
Concen: 39.006 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:	146	Resp:	566250
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
75	32.4	25.9	38.9





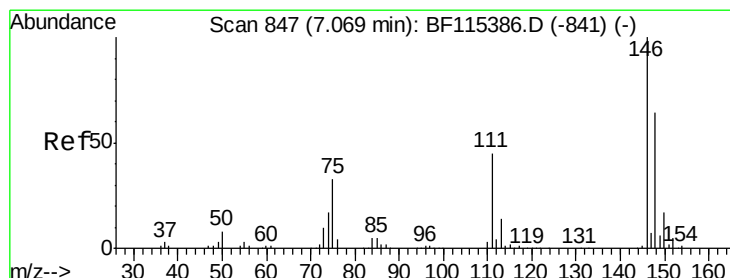
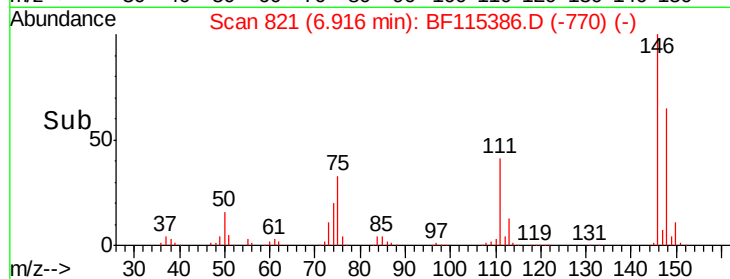
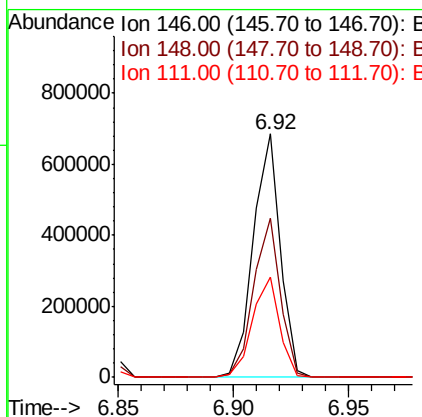
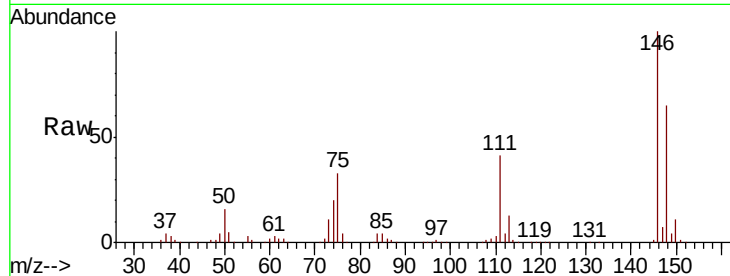
#13
1,4-Dichlorobenzene
Concen: 38.622 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	41.2	33.0	49.4

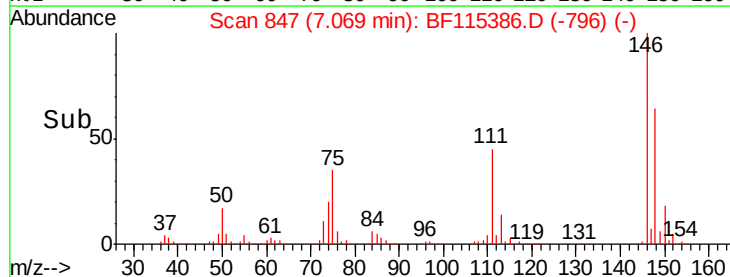
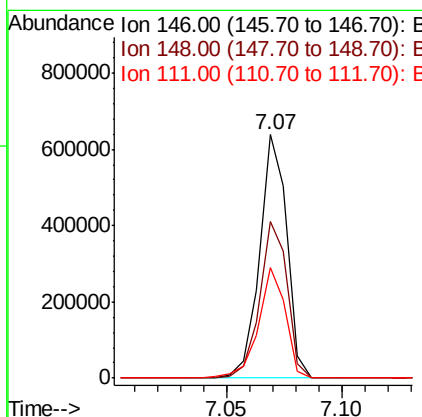
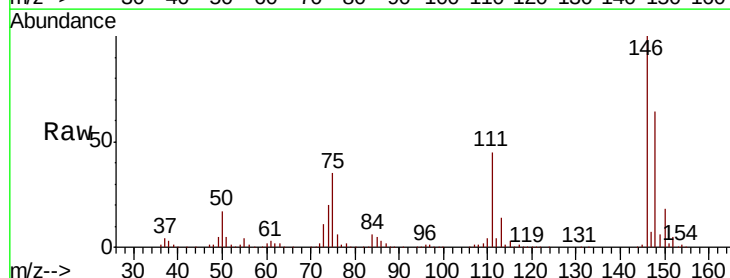
Manual Integrations
APPROVED

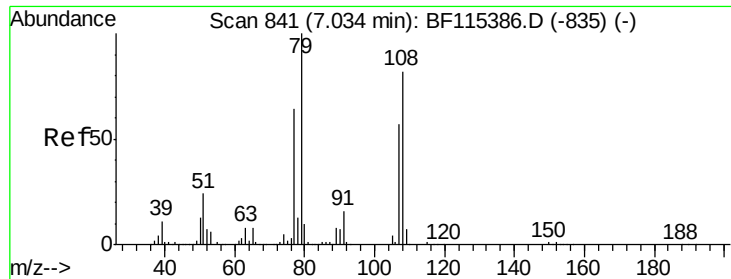
mohammad
7/8/2019 2:12:43 PM



#14
1,2-Dichlorobenzene
Concen: 38.810 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	45.2	36.2	54.2





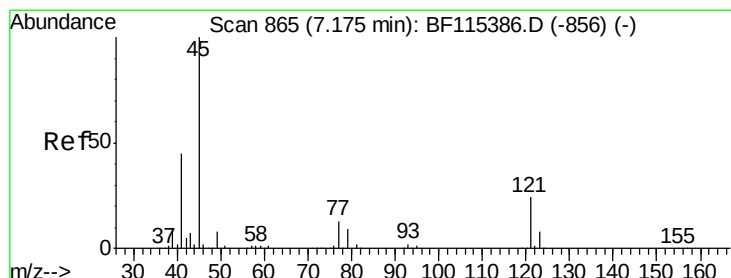
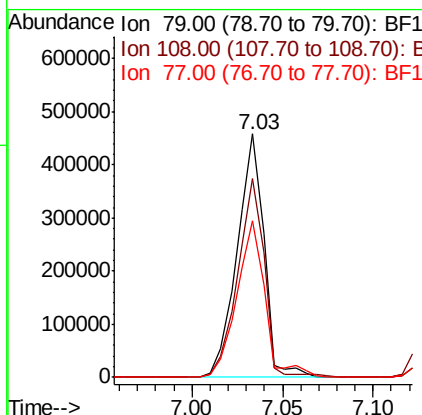
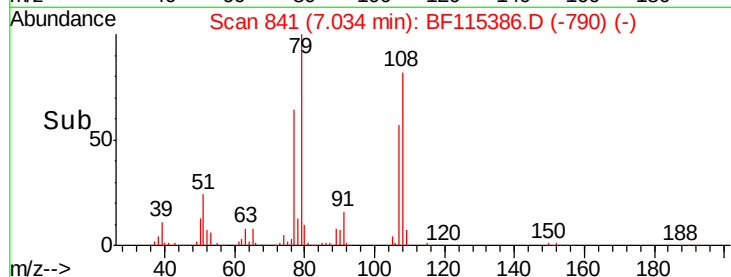
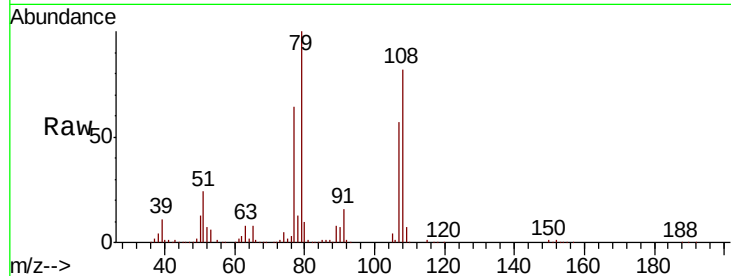
#15
Benzyl Alcohol
Concen: 45.819 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.4	98.2
77	64.4	51.5	77.3

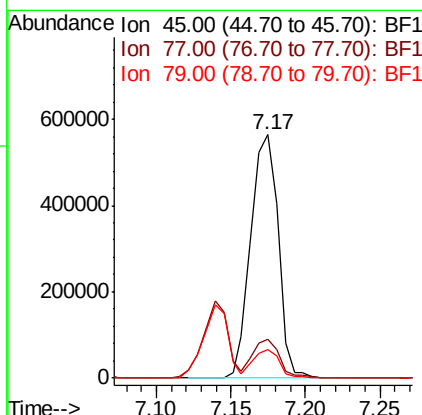
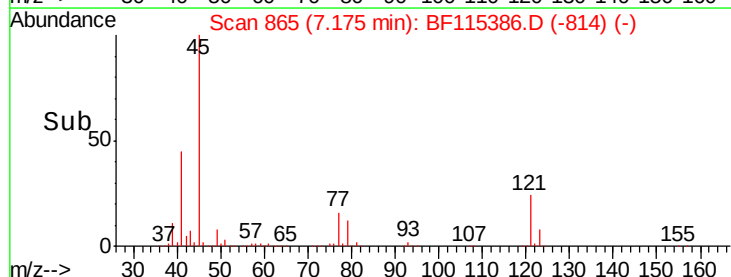
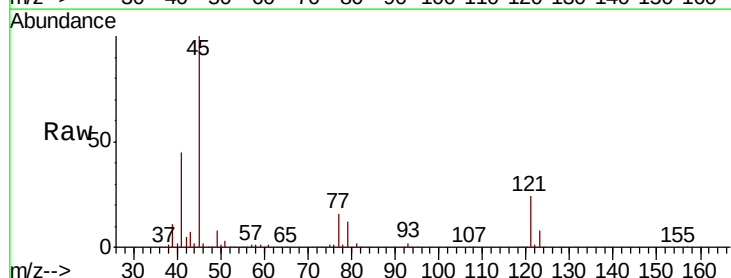
Manual Integrations
APPROVED

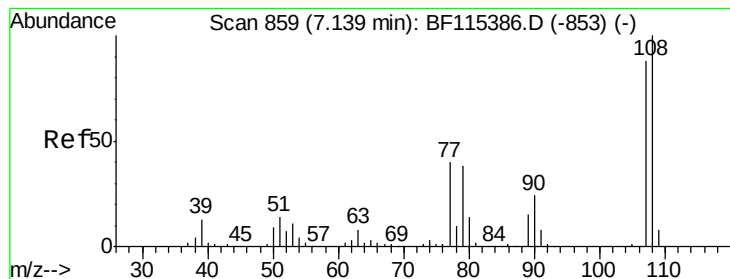
mohammad
7/8/2019 2:12:43 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.437 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	36.0
79	12.0	0.0	32.0





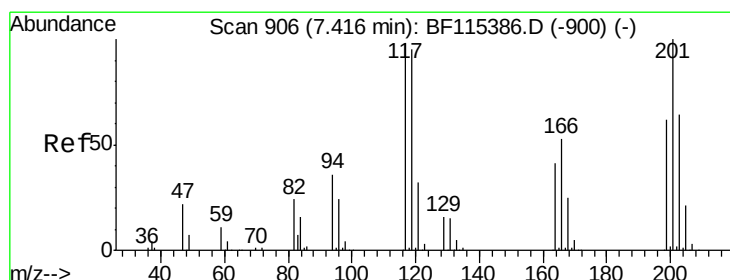
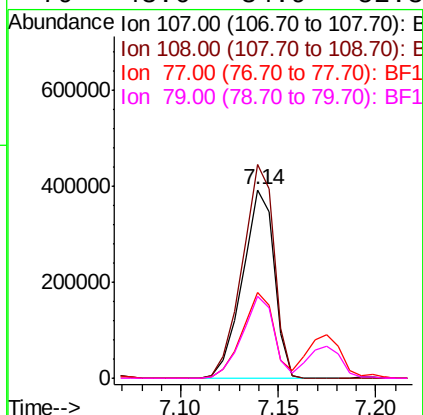
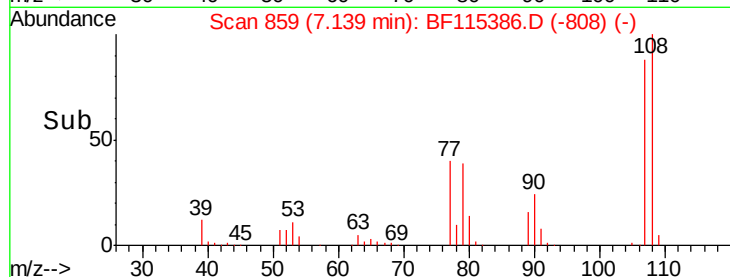
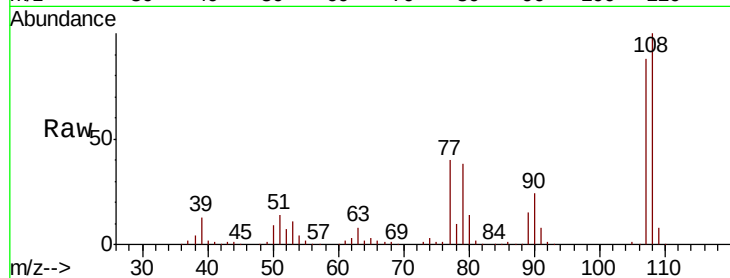
#17
2-Methylphenol
Concen: 40.977 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.7	136.1
77	45.4	36.3	54.5
79	43.6	34.9	52.3

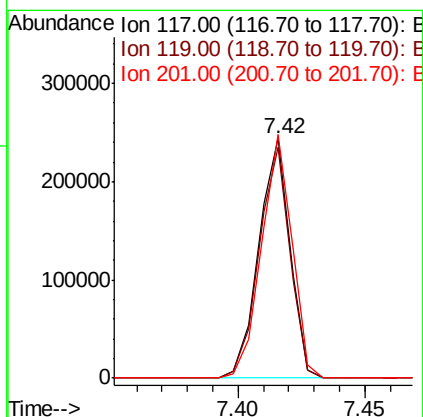
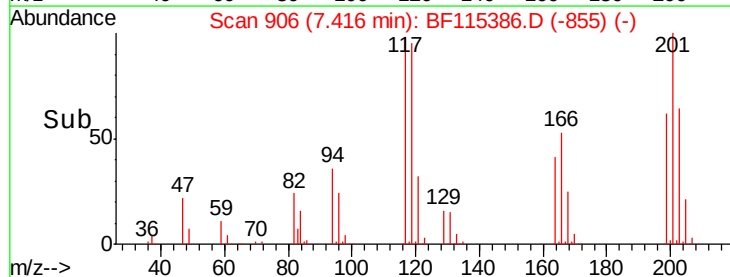
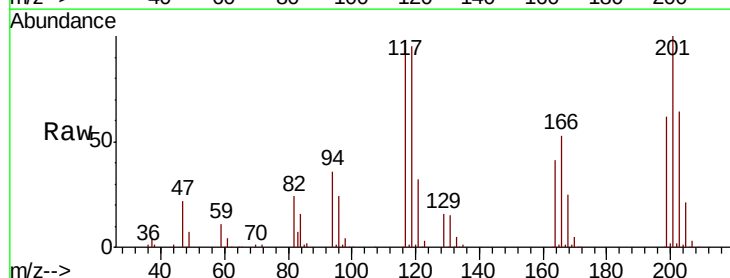
Manual Integrations
APPROVED

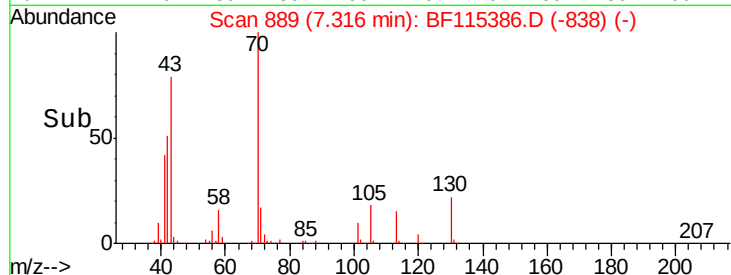
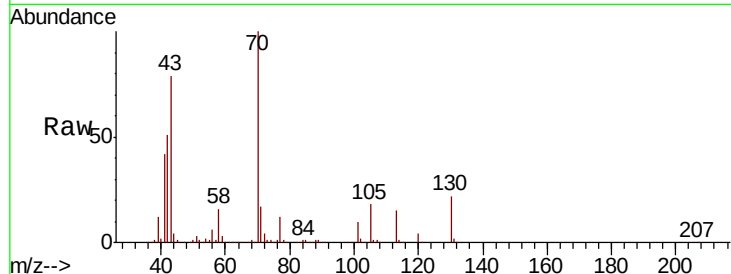
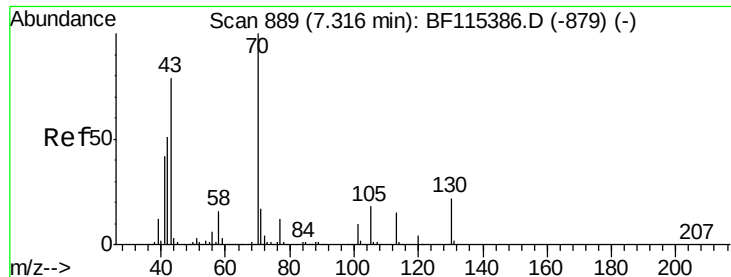
mohammad
7/8/2019 2:12:43 PM



#18
Hexachloroethane
Concen: 39.950 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	101.6	81.3	121.9





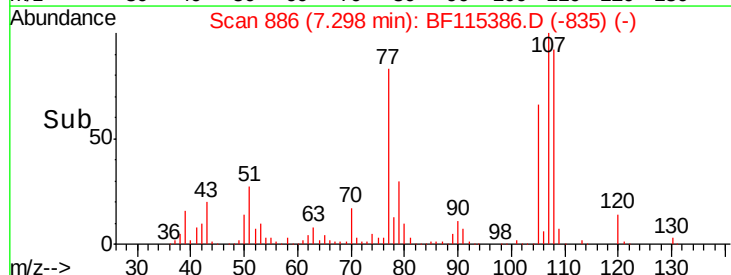
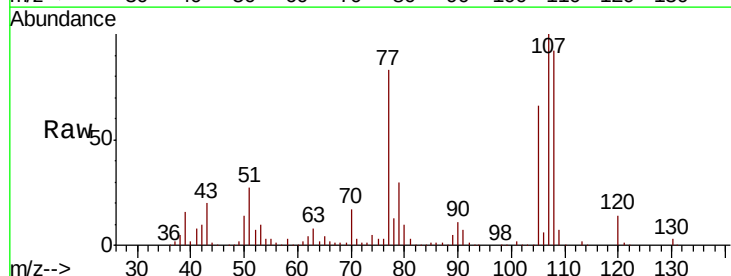
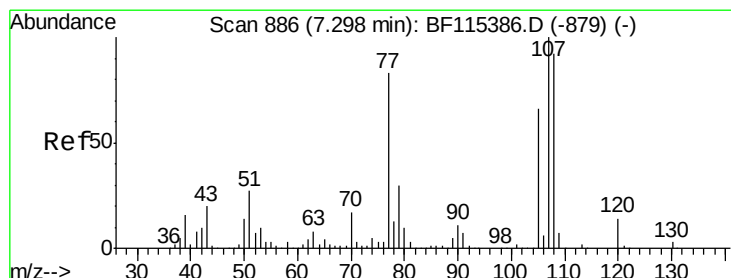
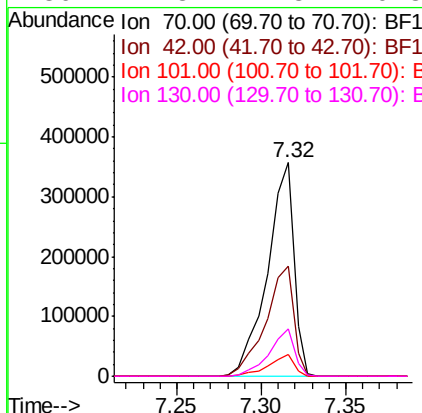
#19
n-Nitroso-di-n-propylamine
Concen: 43.148 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	41.1	61.7	
101	10.0	8.0	12.0	
130	22.3	17.8	26.8	

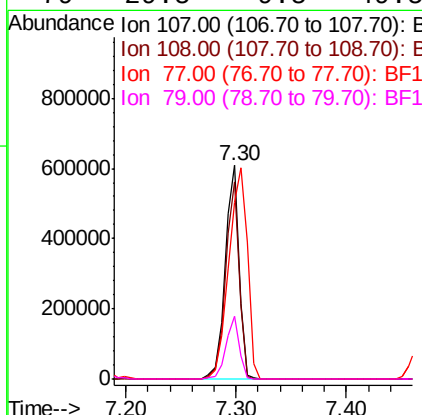
Manual Integrations
APPROVED

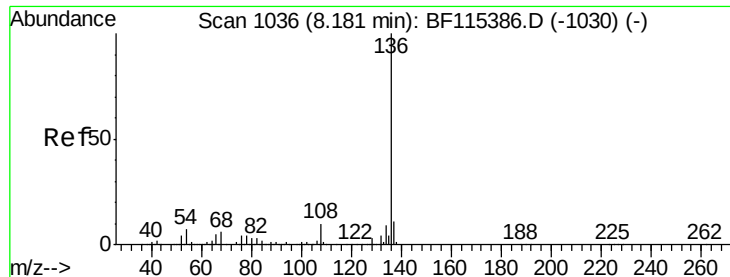
mohammad
7/8/2019 2:12:43 PM



#20
3+4-Methylphenols
Concen: 42.946 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	72.5	112.5	
77	82.7	62.7	102.7	
79	29.5	9.5	49.5	





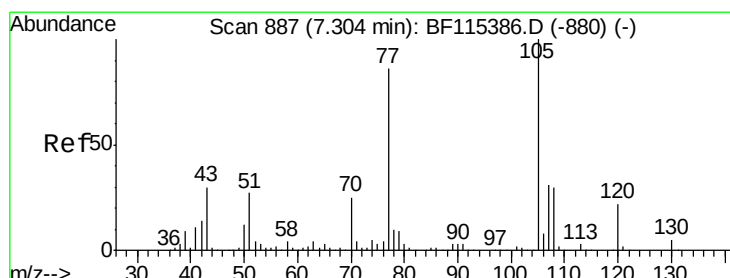
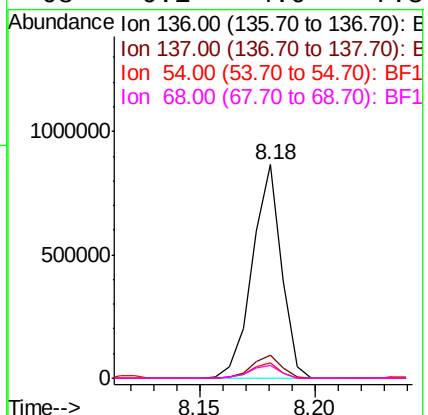
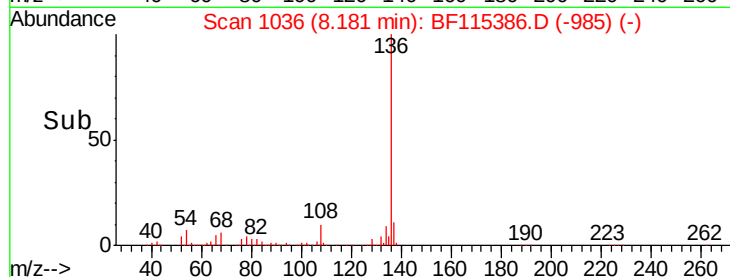
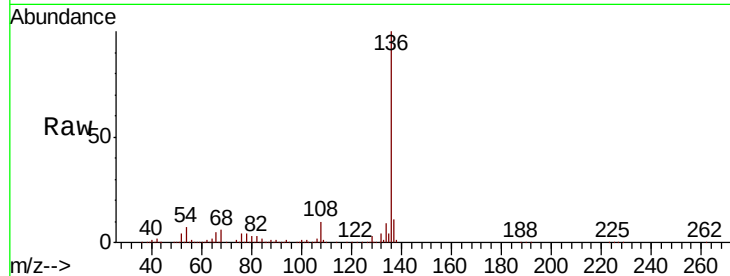
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.0	5.6	8.4	
68	6.1	4.9	7.3	

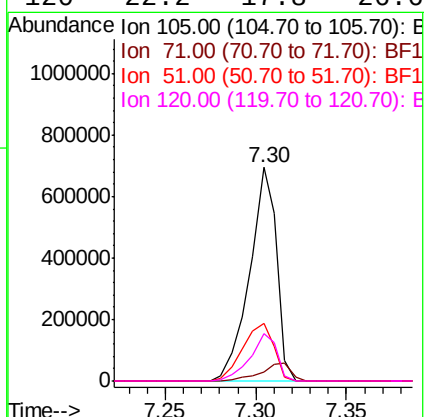
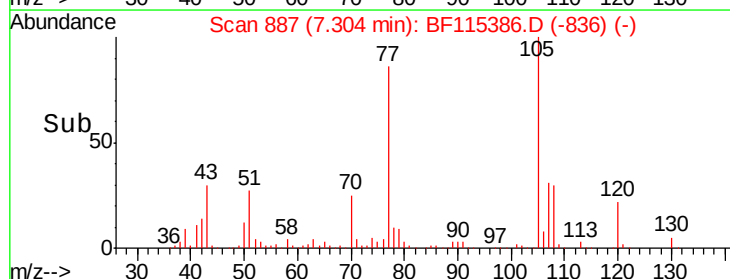
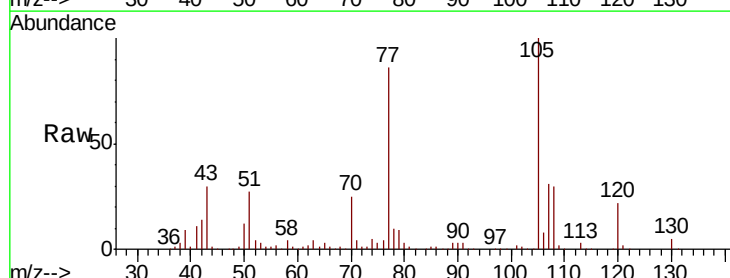
Manual Integrations
APPROVED

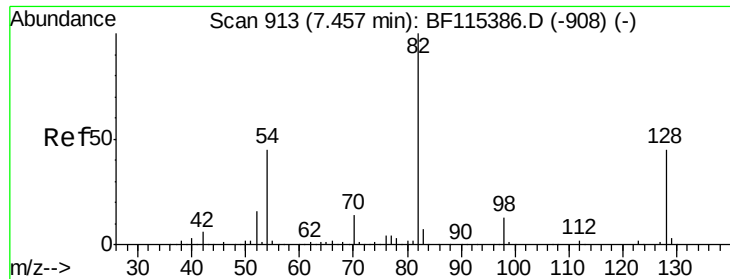
mohammad
7/8/2019 2:12:43 PM



#22
Acetophenone
Concen: 41.012 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	3.3	4.9	
51	26.9	21.5	32.3	
120	22.2	17.8	26.6	





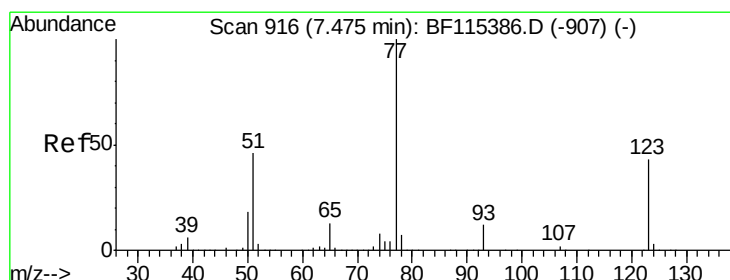
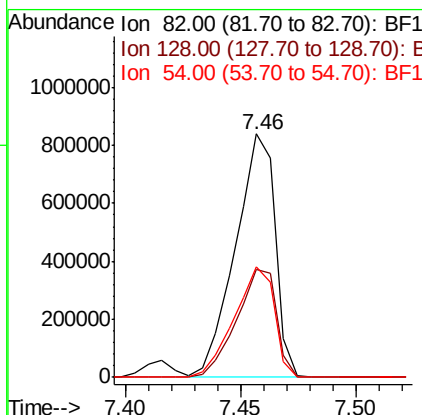
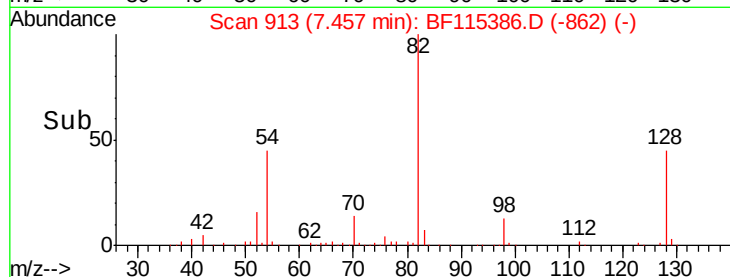
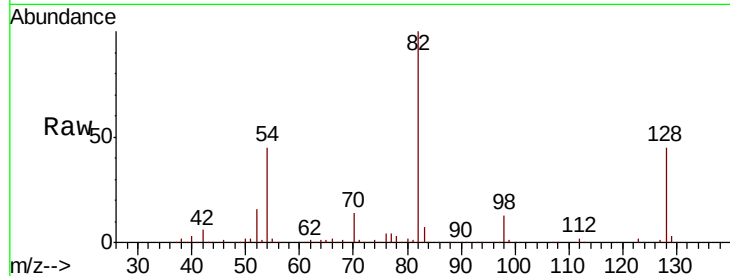
#23
Nitrobenzene-d5
Concen: 81.495 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion: 82 Resp: 1009343
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 45.4 36.3 54.5

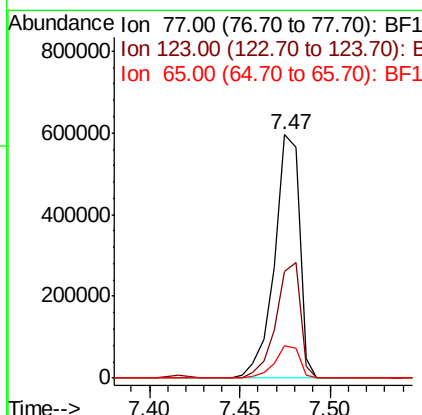
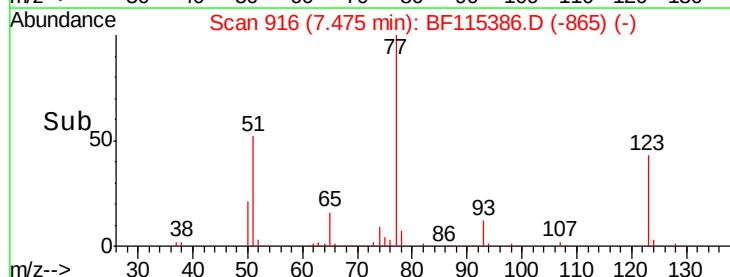
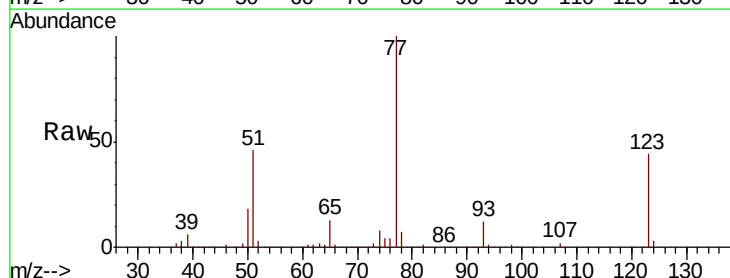
Manual Integrations
APPROVED

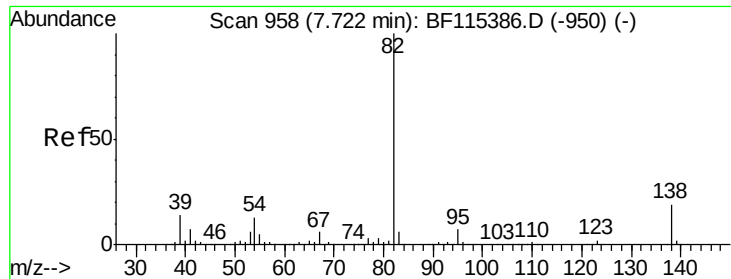
mohammad
7/8/2019 2:12:43 PM



#24
Nitrobenzene
Concen: 41.932 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion: 77 Resp: 572143
Ion Ratio Lower Upper
77 100
123 43.8 35.0 52.6
65 13.5 10.8 16.2





#25

Isophorone

Concen: 42.287 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1072898

Ion Ratio Lower Upper

82 100

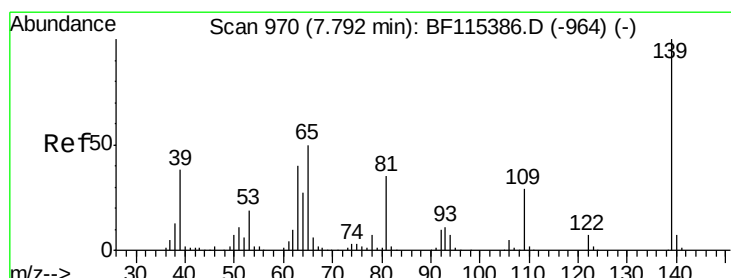
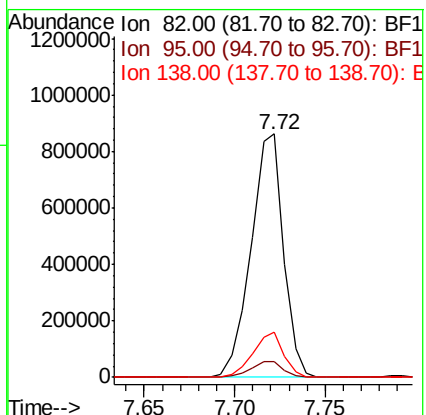
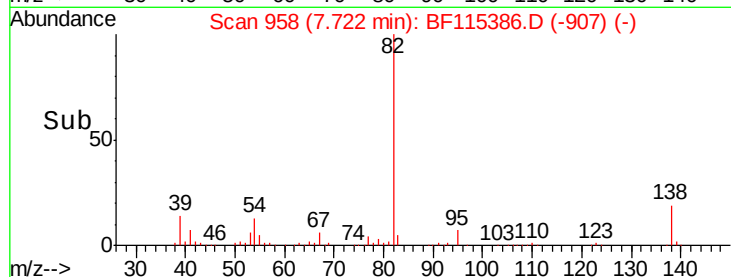
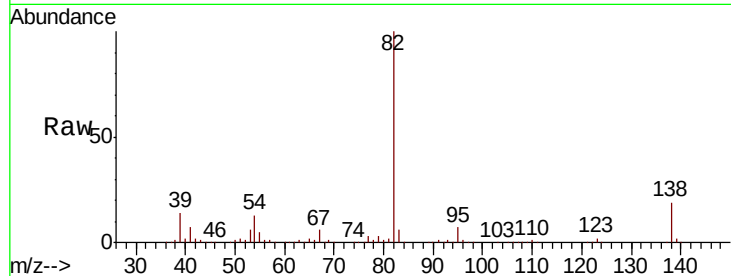
95 6.7 5.4 8.0

138 18.6 14.9 22.3

Manual Integrations
APPROVED

mohammad

7/8/2019 2:12:43 PM



#26

2-Nitrophenol

Concen: 35.202 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

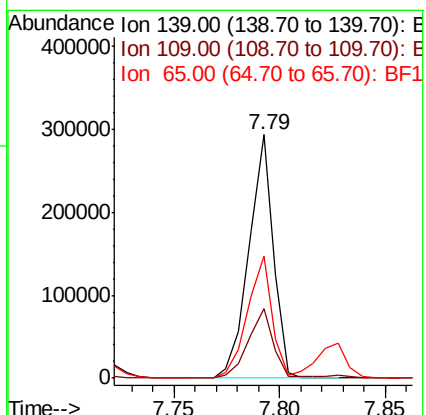
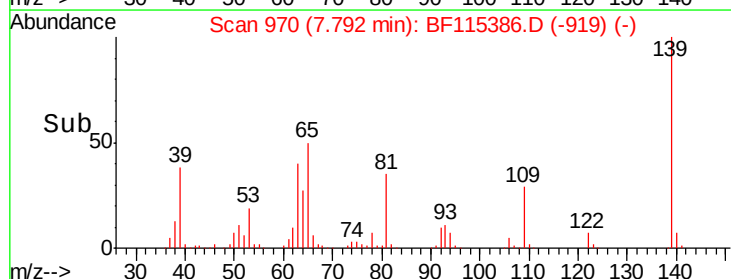
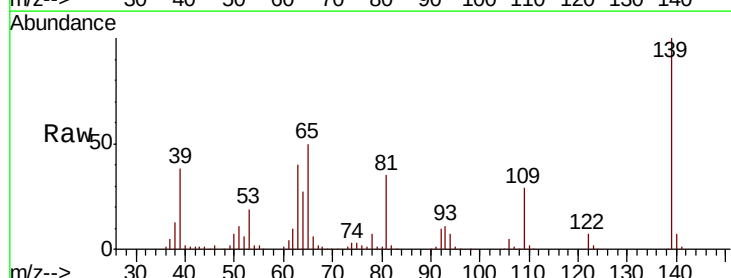
Tgt Ion: 139 Resp: 237200

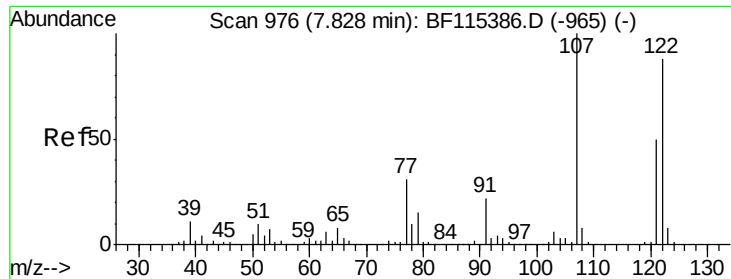
Ion Ratio Lower Upper

139 100

109 28.6 22.9 34.3

65 50.3 40.2 60.4





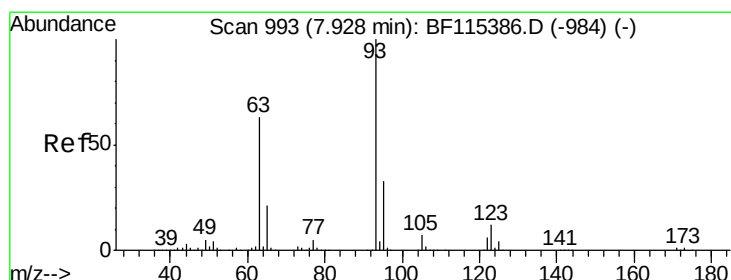
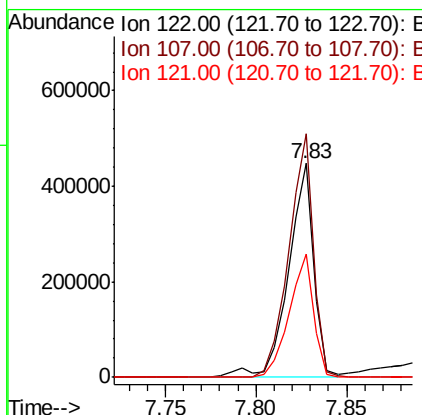
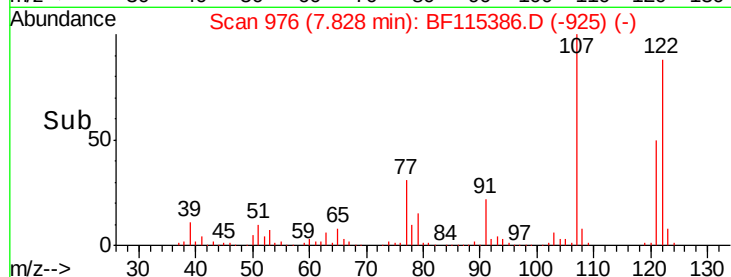
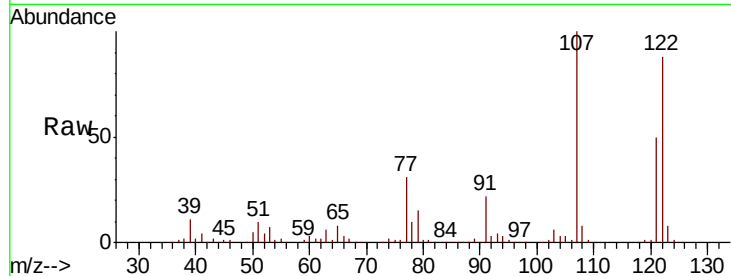
#27
2,4-Dimethylphenol
Concen: 39.859 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.0	136.6
121	57.4	45.9	68.9

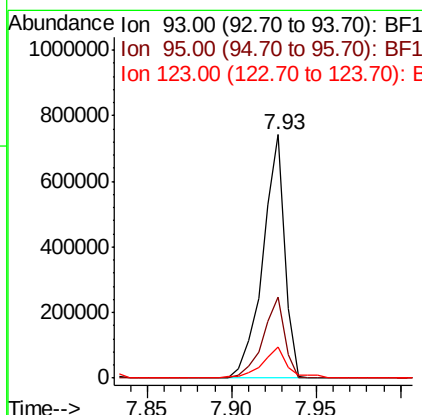
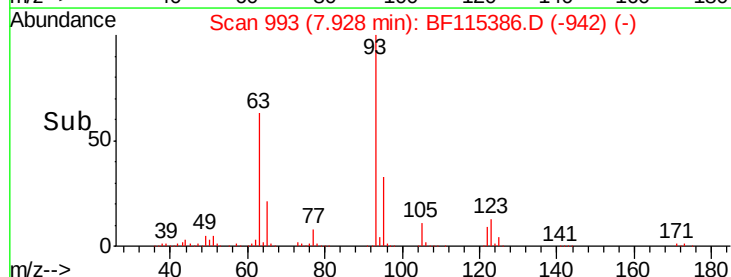
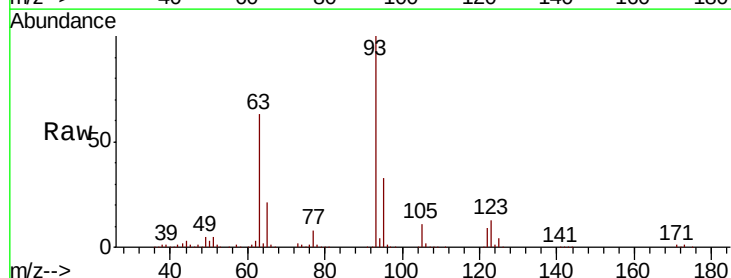
Manual Integrations
APPROVED

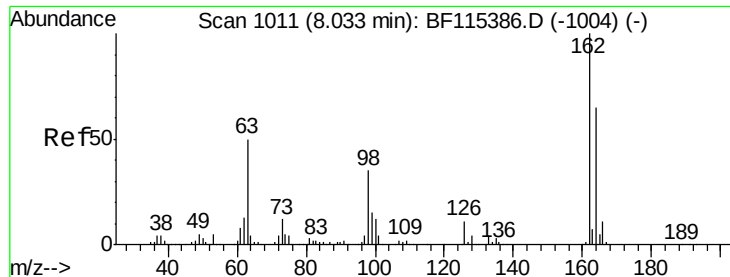
mohammad
7/8/2019 2:12:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.320 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.5	10.0	15.0





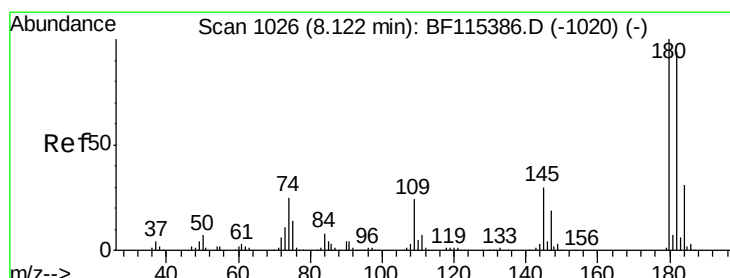
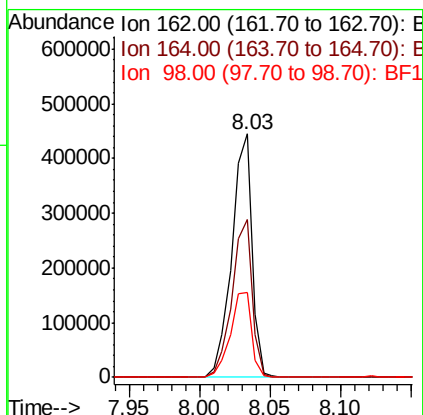
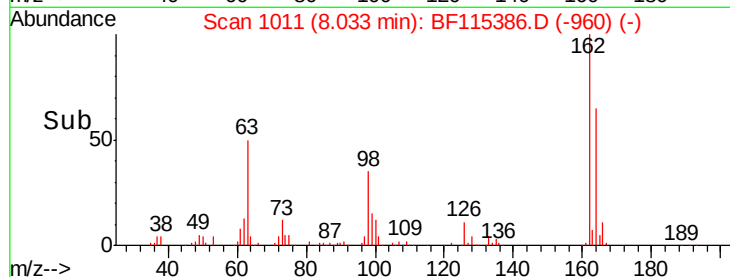
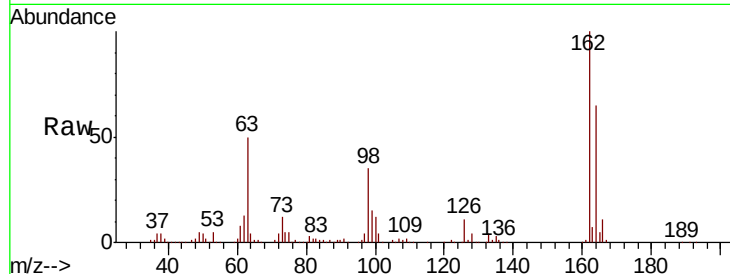
#29
2,4-Dichlorophenol
Concen: 38.937 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	443318		
164	64.6		44.6	84.6
98	35.0		15.0	55.0

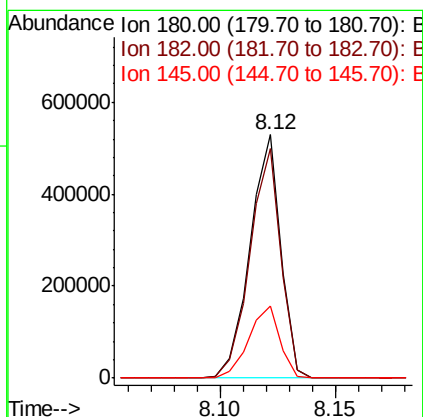
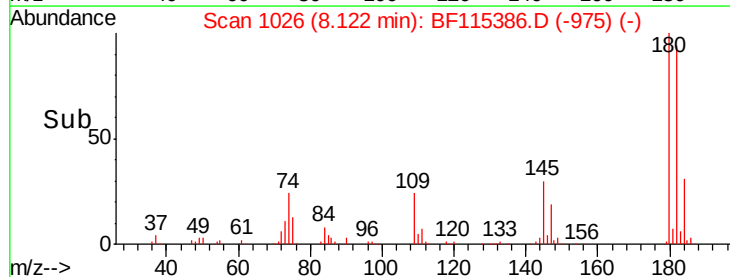
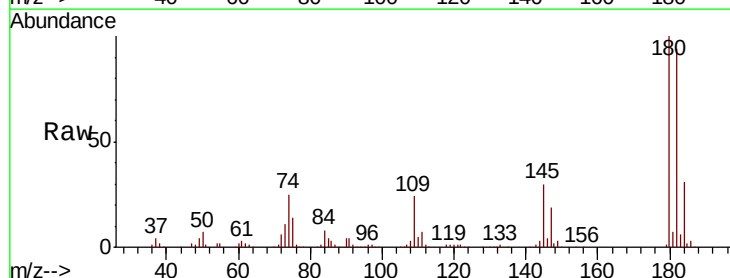
Manual Integrations
APPROVED

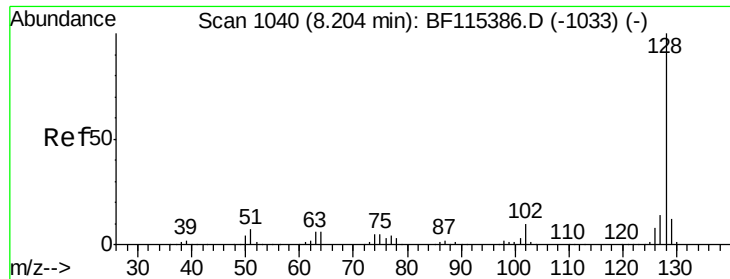
mohammad
7/8/2019 2:12:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.123 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492022		
182	94.5		75.6	113.4
145	29.7		23.8	35.6





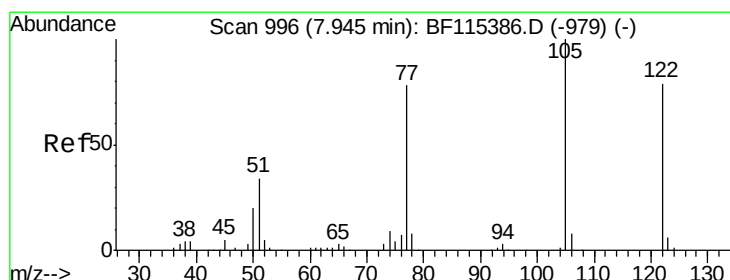
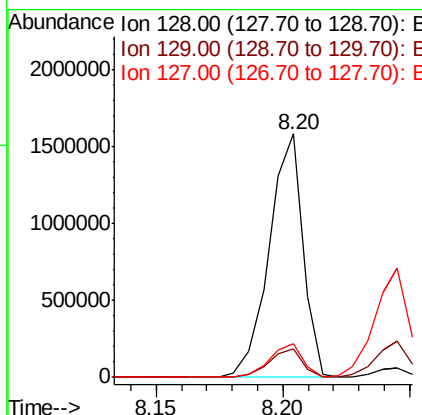
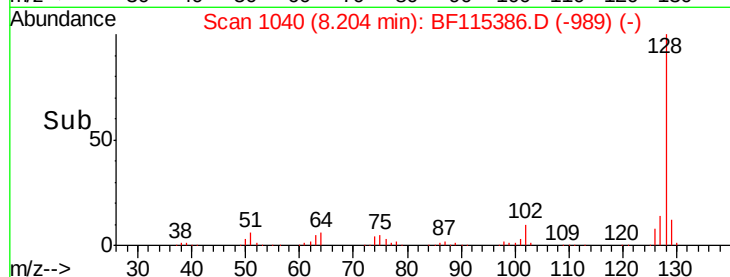
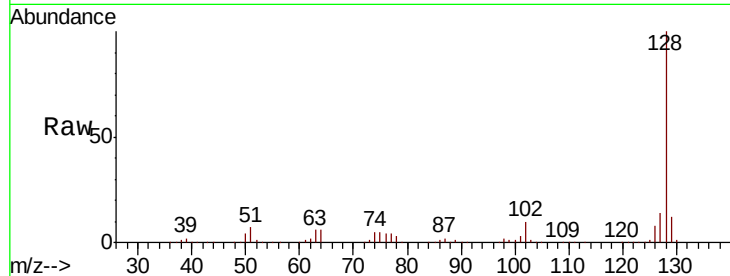
#31
Naphthalene
Concen: 39.601 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.0	11.2	16.8

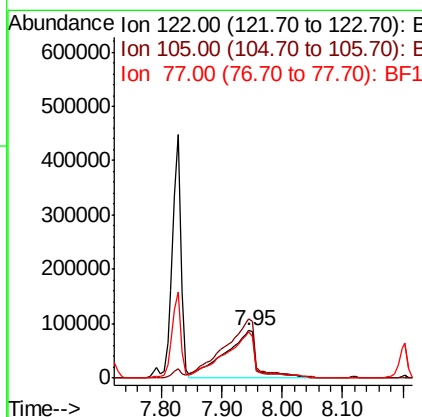
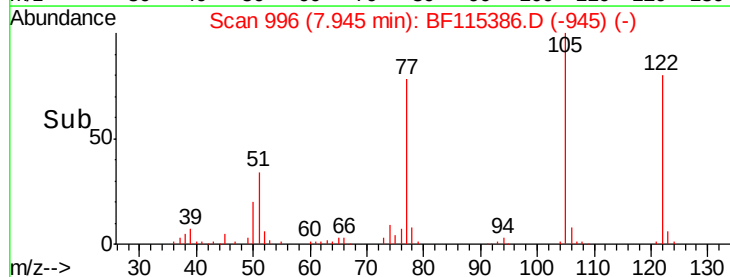
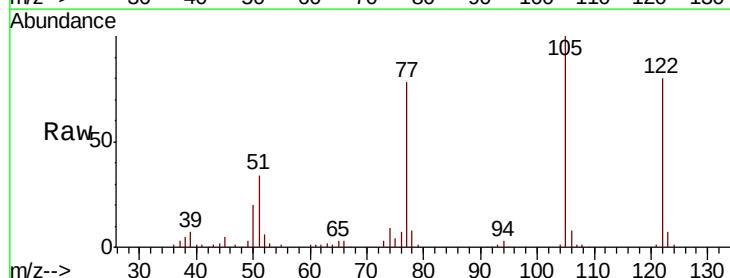
Manual Integrations
APPROVED

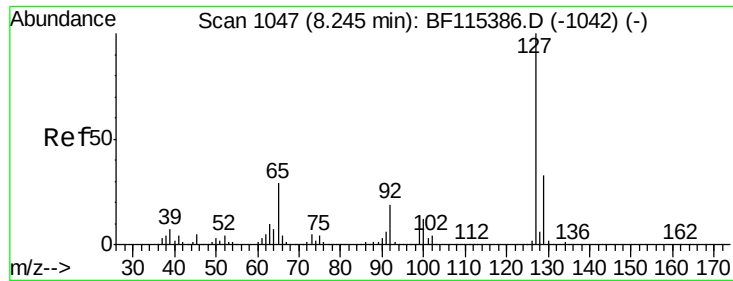
mohammad
7/8/2019 2:12:43 PM



#32
Benzoic acid
Concen: 40.838 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	105.1	145.1
77	97.8	77.8	117.8





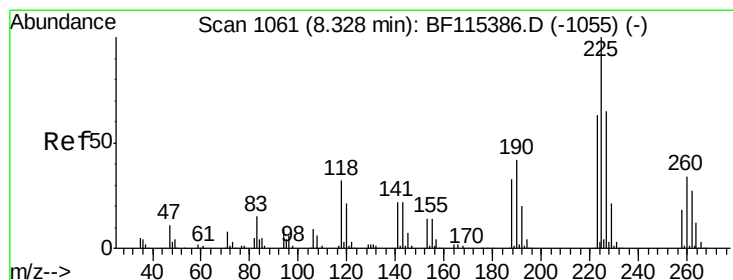
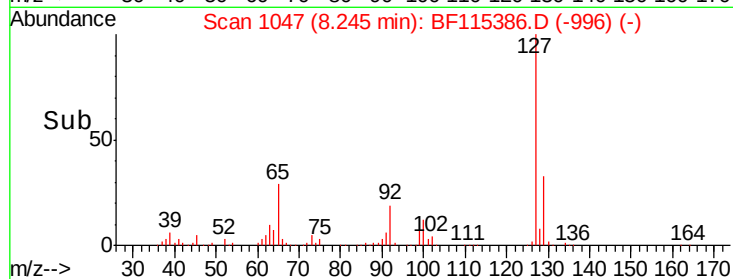
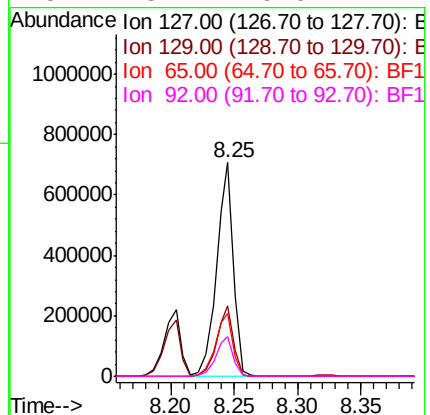
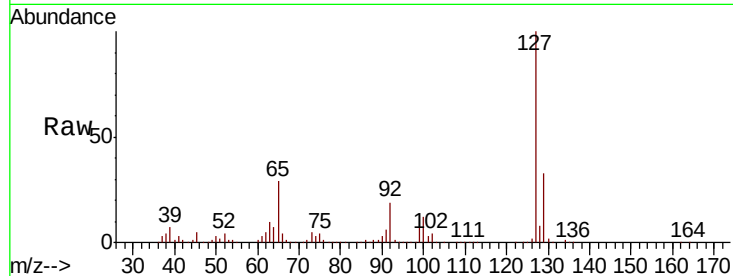
#33
4-Chloroaniline
Concen: 38.517 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.5	39.7		
65	29.1	23.3	34.9		
92	18.7	15.0	22.4		

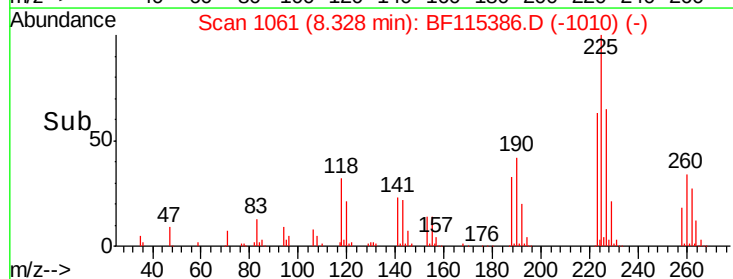
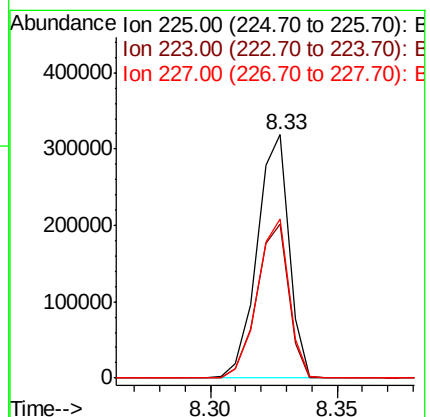
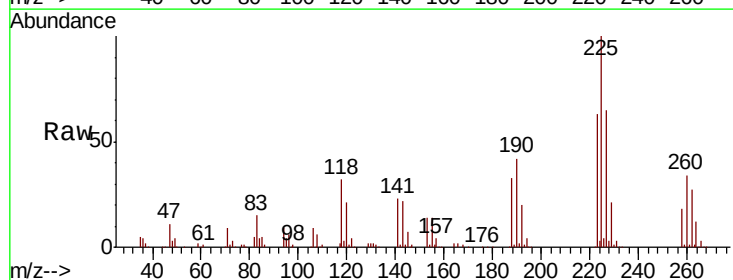
Manual Integrations
APPROVED

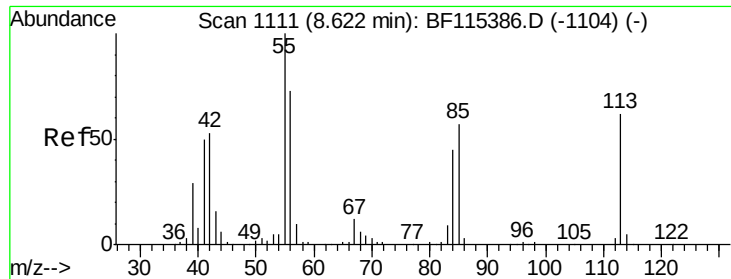
mohammad
7/8/2019 2:12:43 PM



#34
Hexachlorobutadiene
Concen: 40.664 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.7	76.1		
227	65.1	52.1	78.1		





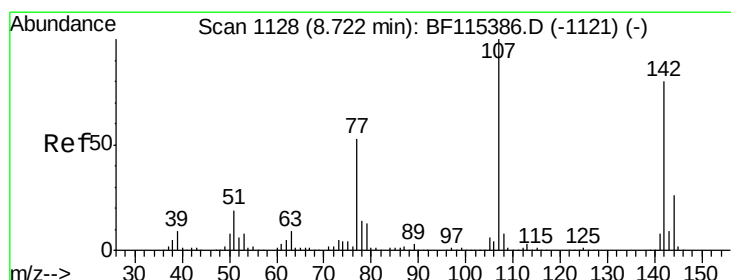
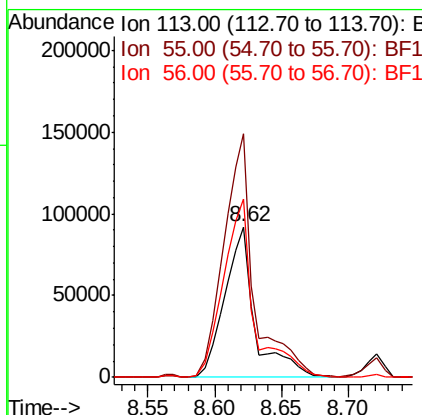
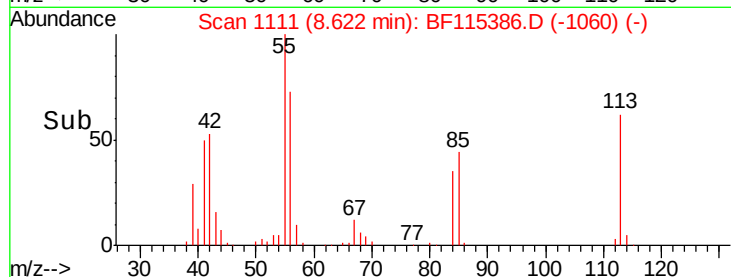
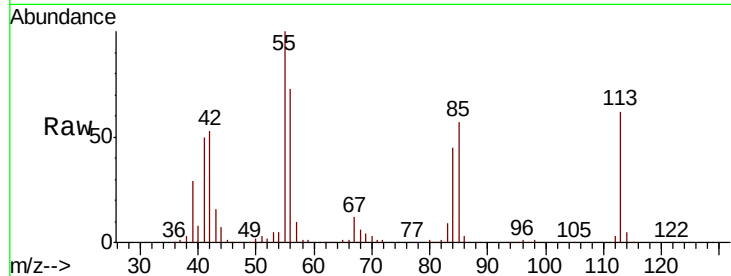
#35
Caprolactam
Concen: 38.382 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.9	141.9	181.9		
56	118.7	98.7	138.7		

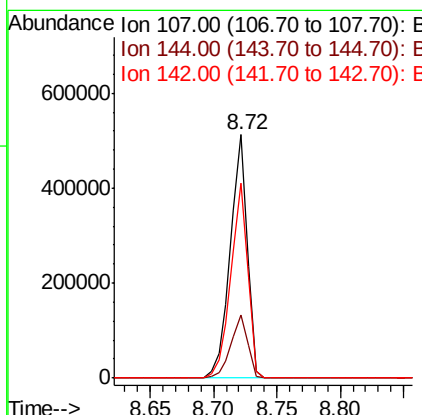
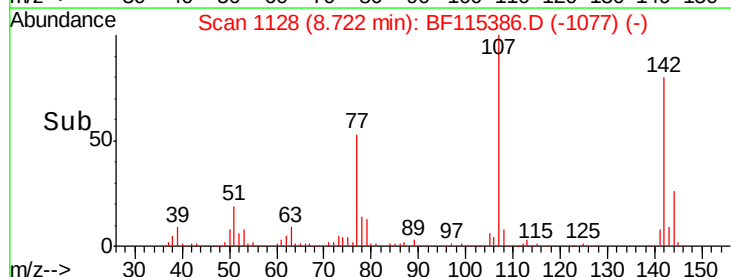
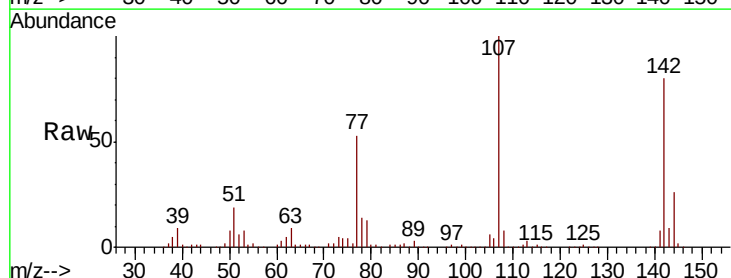
Manual Integrations
APPROVED

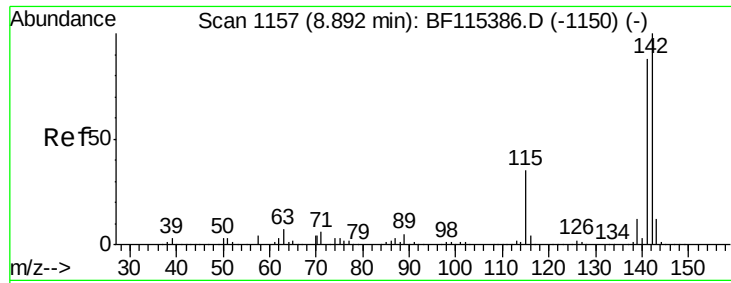
mohammad
7/8/2019 2:12:43 PM



#36
4-Chloro-3-methylphenol
Concen: 41.247 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	20.8	31.2		
142	80.0	64.0	96.0		





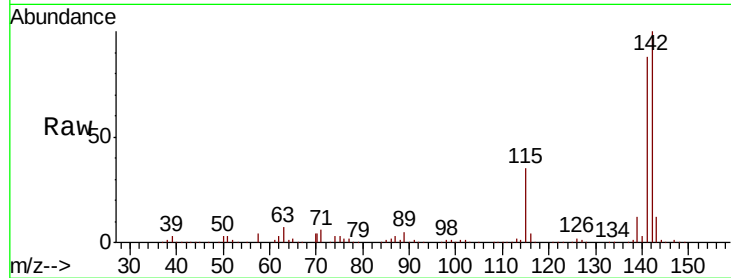
#37
2-Methylnaphthalene
Concen: 39.649 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	34.8	27.8	41.8

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

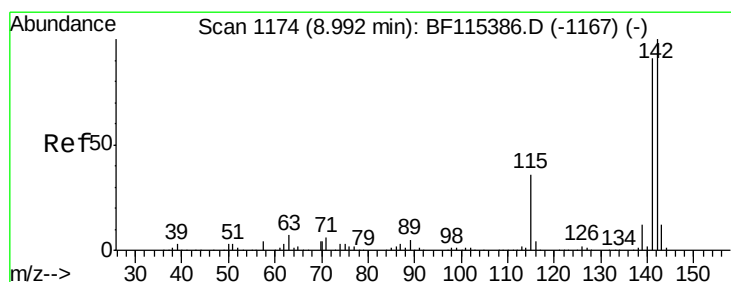
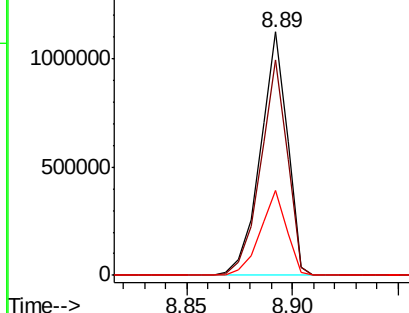
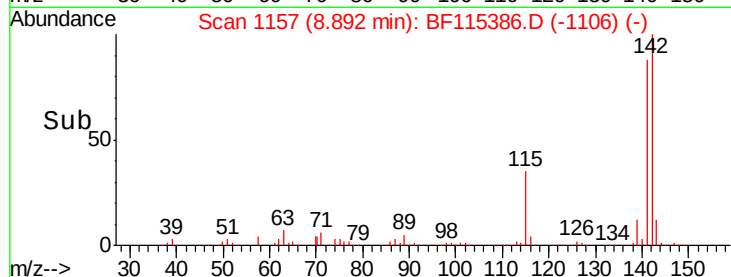


Abundance

Ion 142.00 (141.70 to 142.70): E

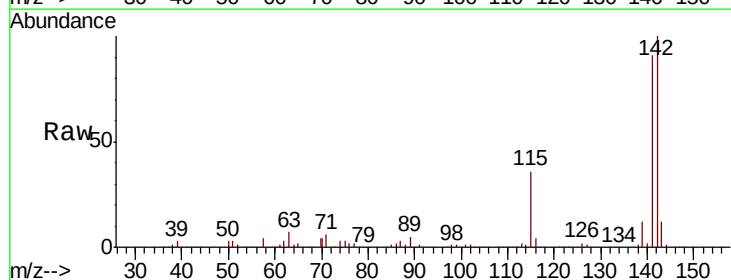
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.427 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	3.7	3.0	4.4

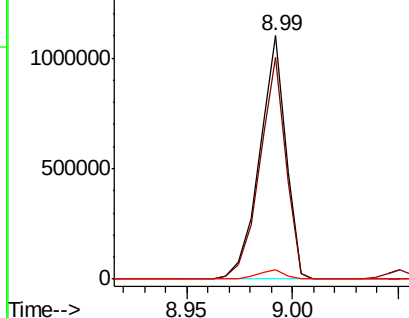
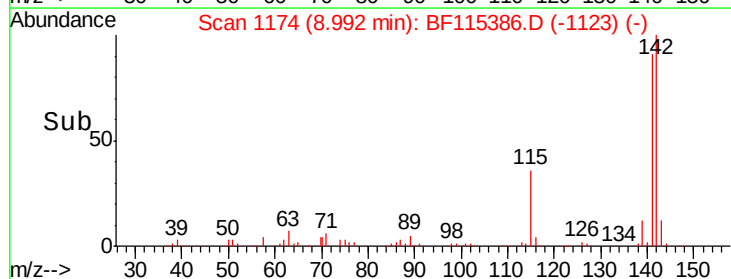


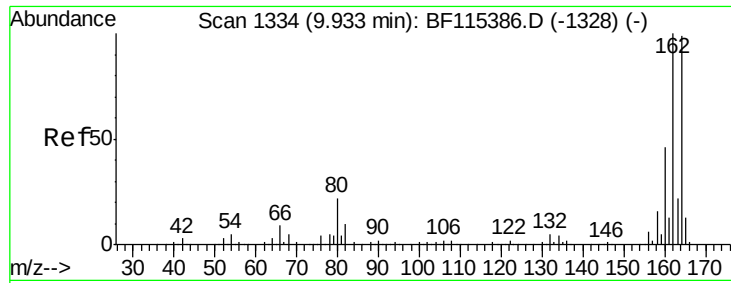
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





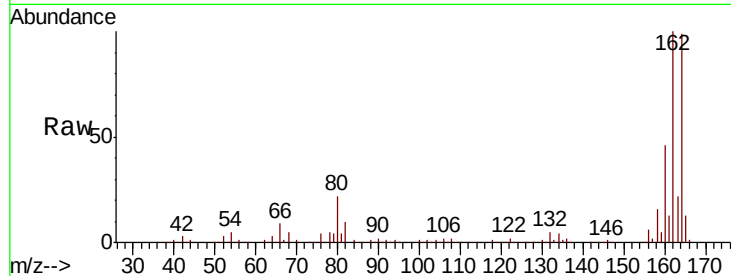
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	80.6	121.0	
160	46.3	37.0	55.6	

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

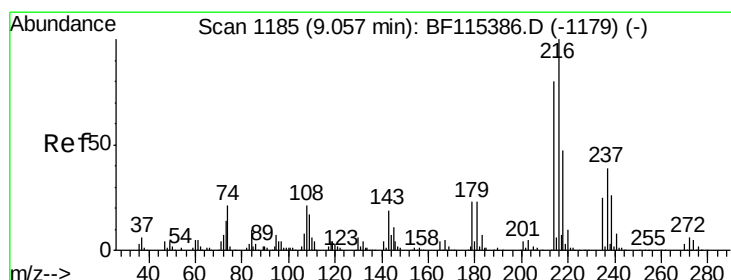
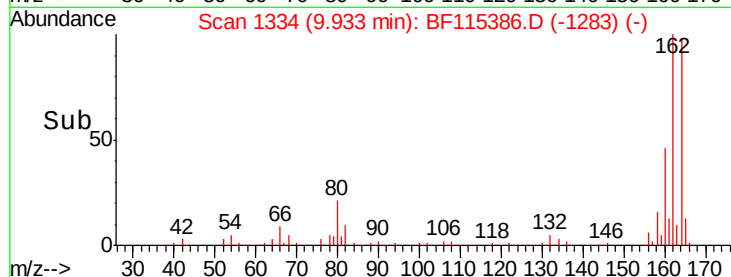
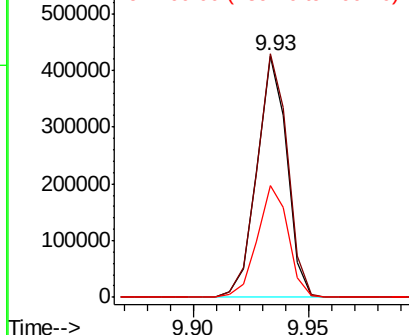


Abundance

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: 39.964 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.7	95.5	
179	22.3	17.8	26.8	
108	20.9	16.7	25.1	

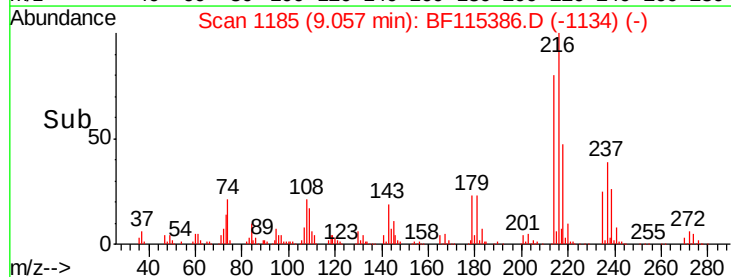
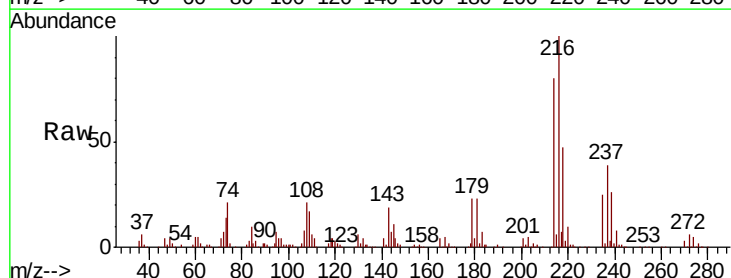
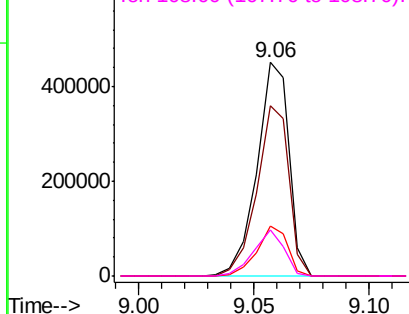
Abundance

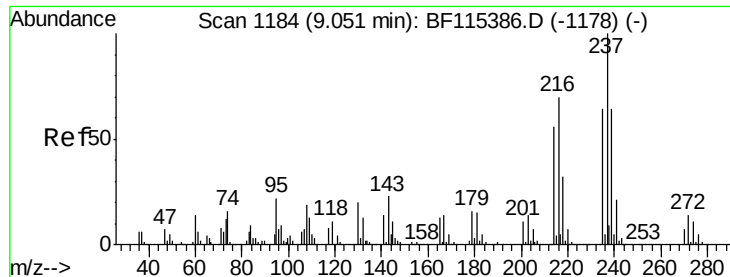
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.660 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

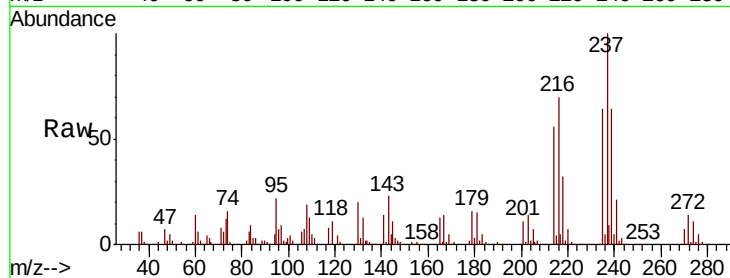
ClientSampleId :

SSTDICCC040

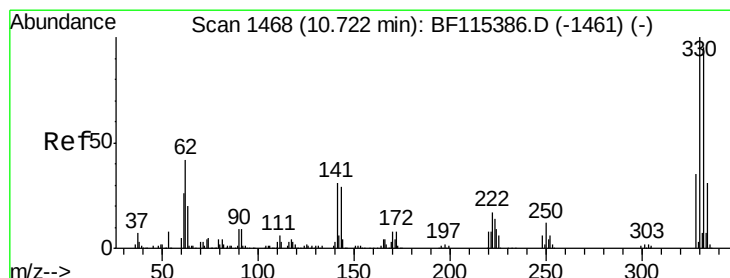
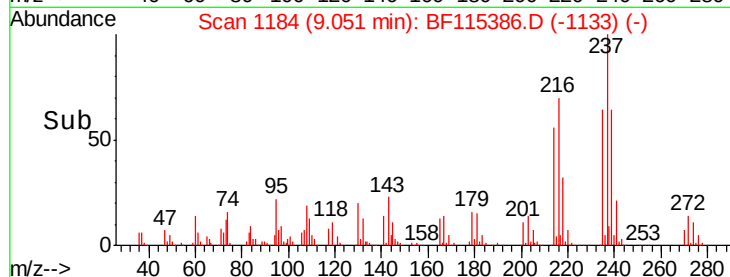
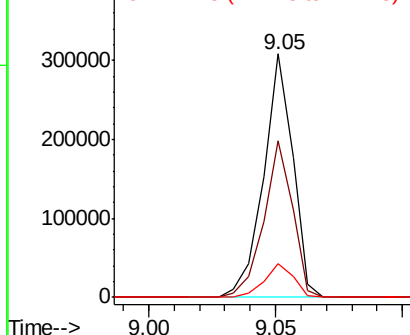
Tot Ion:	237	Resp:	250048
Ion Ratio		Lower	Upper
237	100		
235	64.4	44.4	84.4
272	13.7	0.0	33.7

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM



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



#42

2,4,6-Tribromophenol

Concen: 84.269 ng

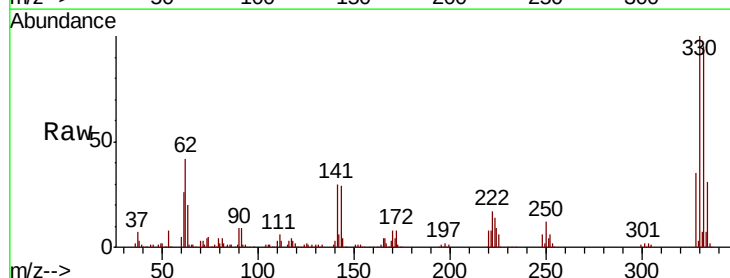
RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

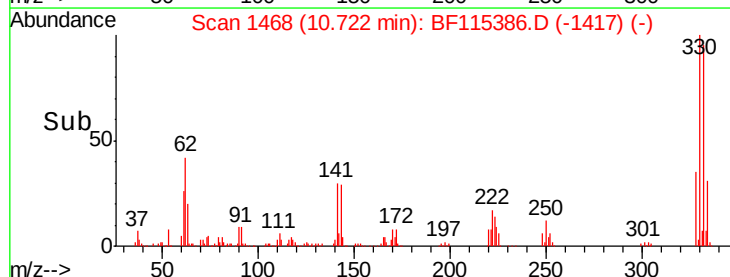
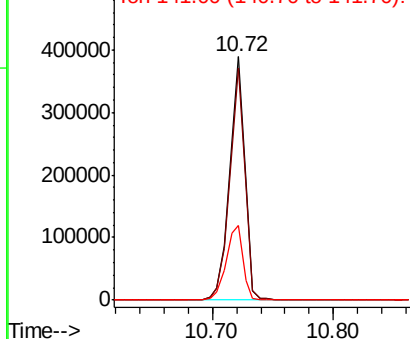
Lab File: BF115386.D

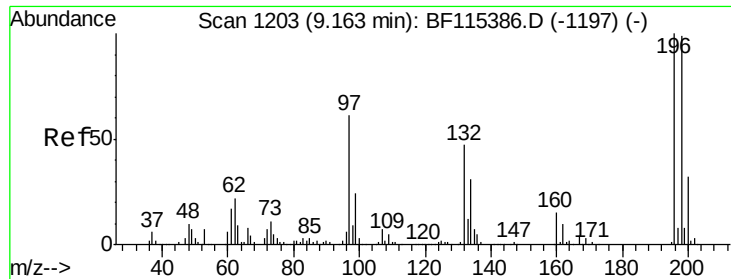
Acq: 5 Jul 2019 9:46

Tgt Ion:	330	Resp:	343022
Ion Ratio		Lower	Upper
330	100		
332	95.4	76.3	114.5
141	33.7	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





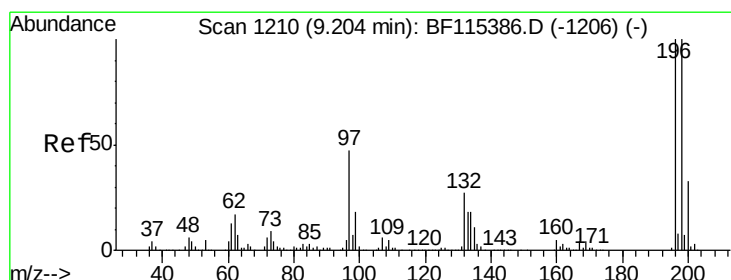
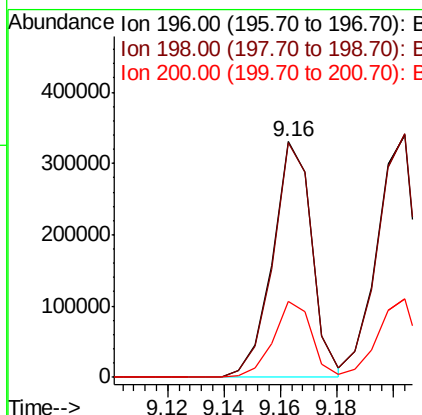
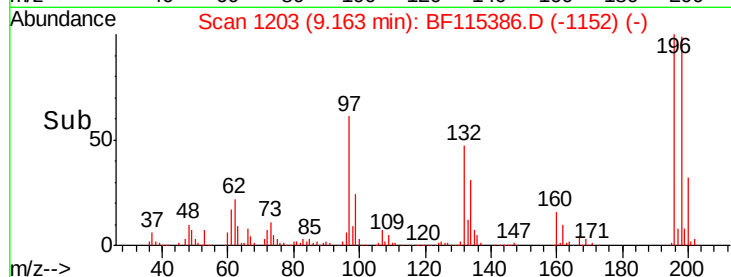
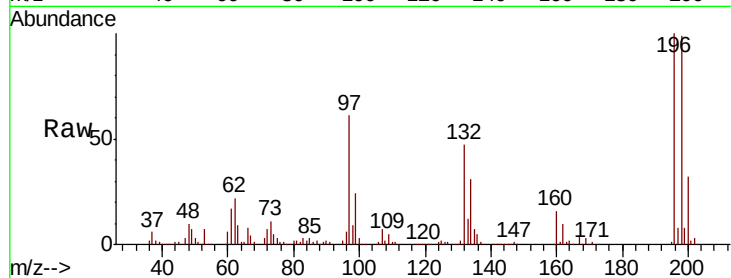
#43
 2,4,6-Trichlorophenol
 Concen: 37.799 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	318316		
198	99.4	79.5	119.3	
200	32.3	25.8	38.8	

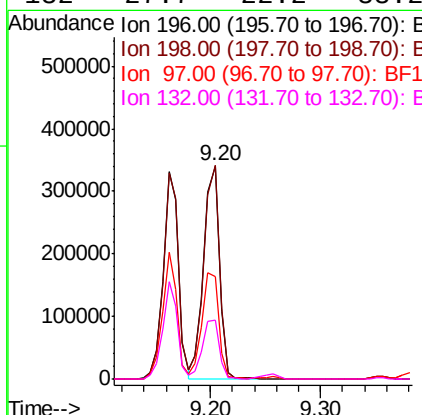
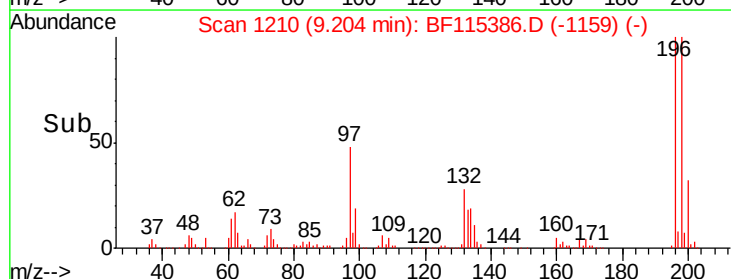
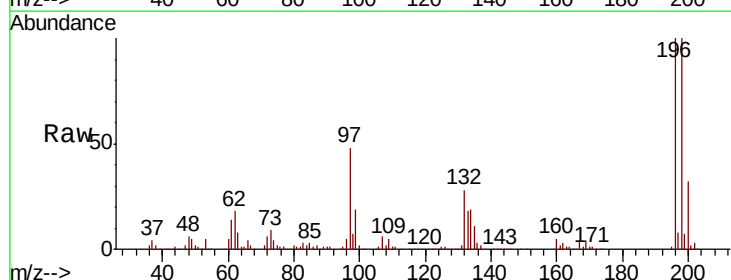
Manual Integrations
 APPROVED

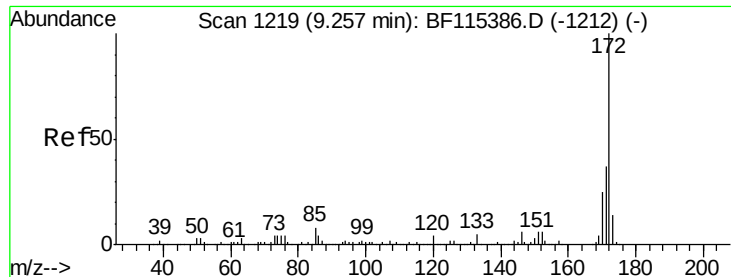
mohammad
 7/8/2019 2:12:43 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.167 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330996		
198	100.4	80.3	120.5	
97	47.9	38.3	57.5	
132	27.7	22.2	33.2	





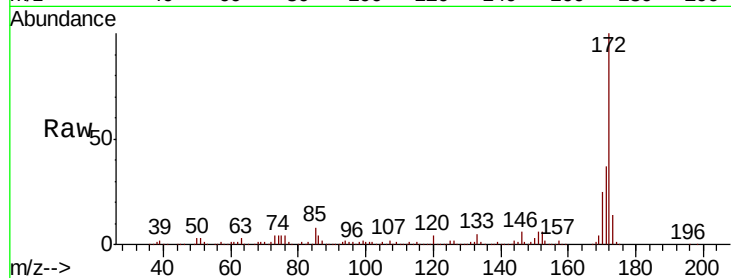
#45
2-Fluorobiphenyl
Concen: 79.615 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.8
170	25.3	20.2	30.4

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

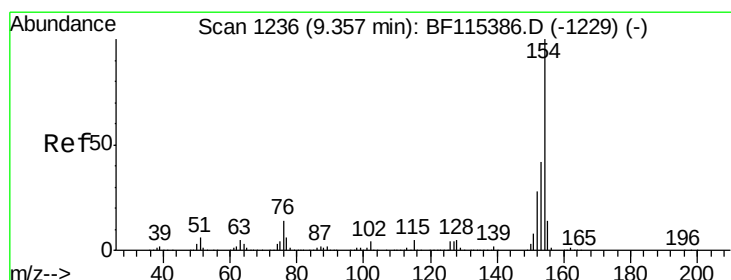
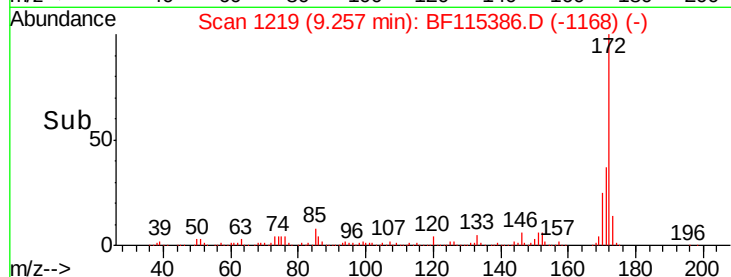
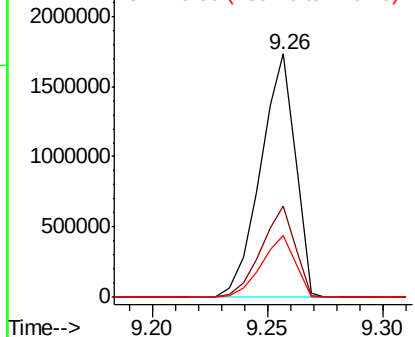


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.345 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

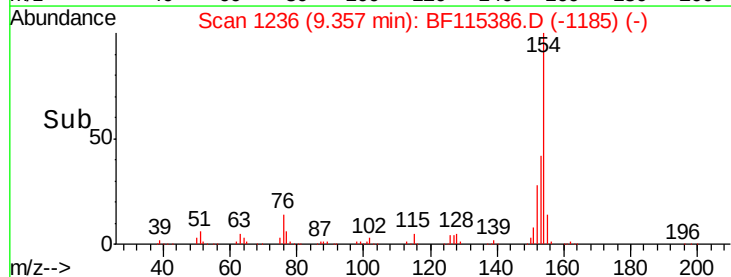
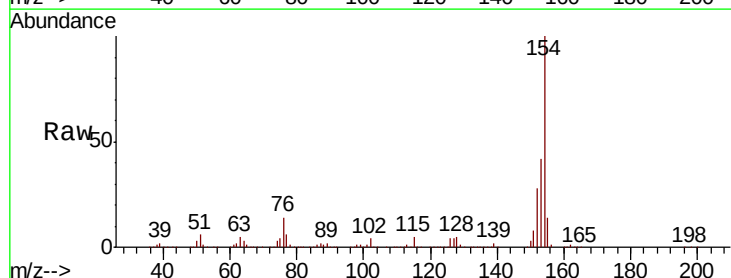
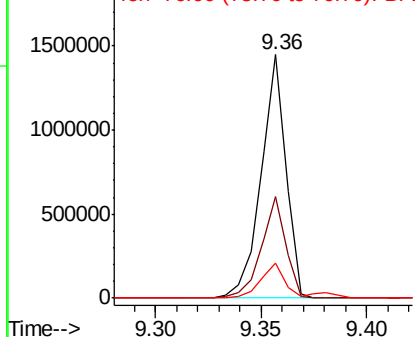
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	14.3	0.0	34.3

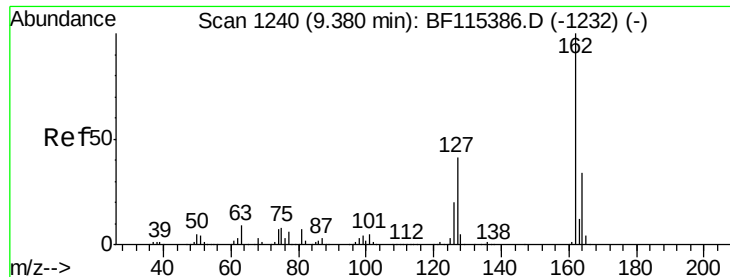
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





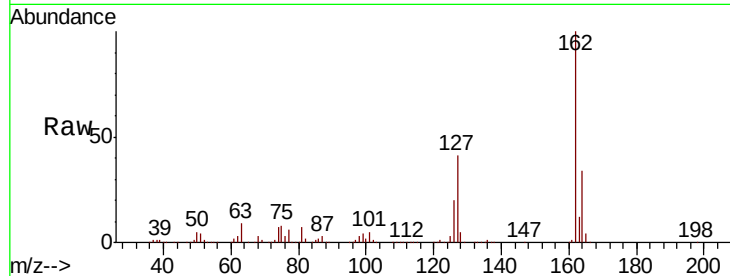
#47
 2-Chloronaphthalene
 Concen: 39.277 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

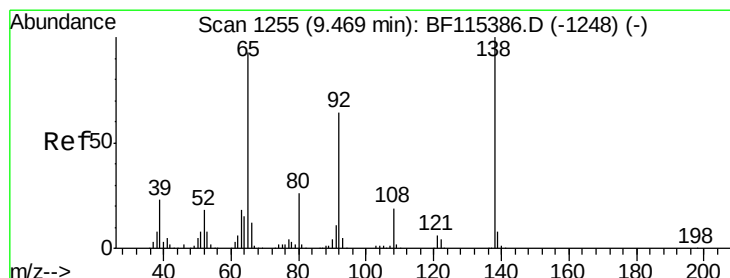
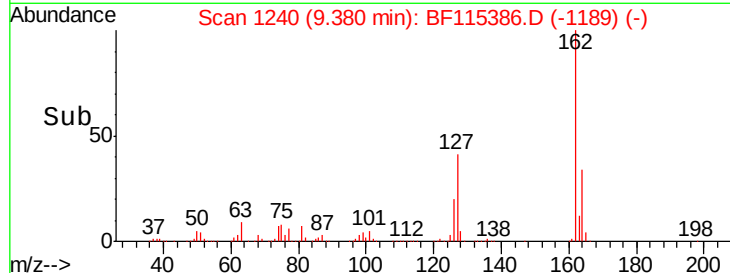
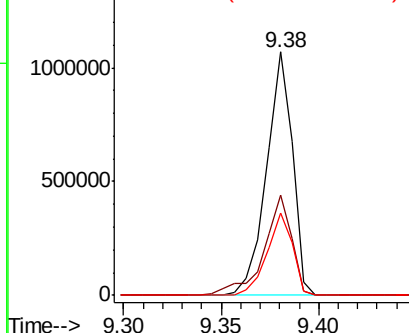
Tot Ion	Ratio	Resp	Lower	Upper
162	100	984009		
127	41.0		32.8	49.2
164	33.8		27.0	40.6

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:43 PM



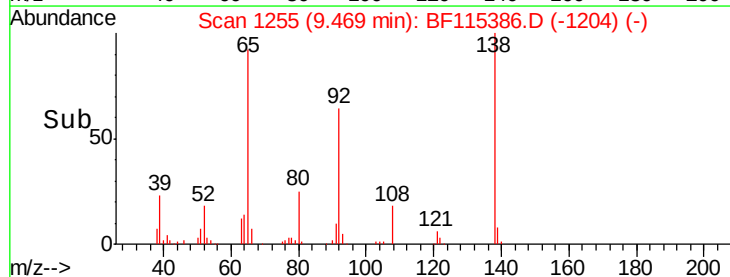
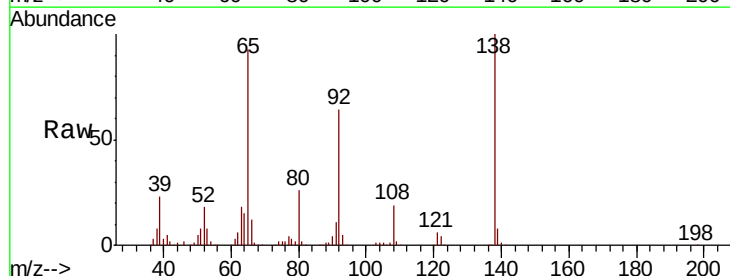
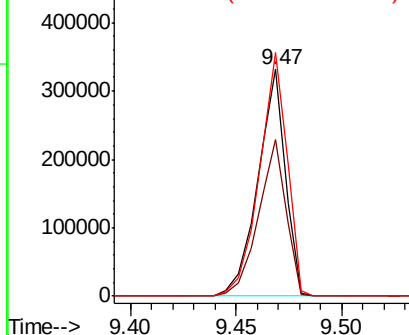
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

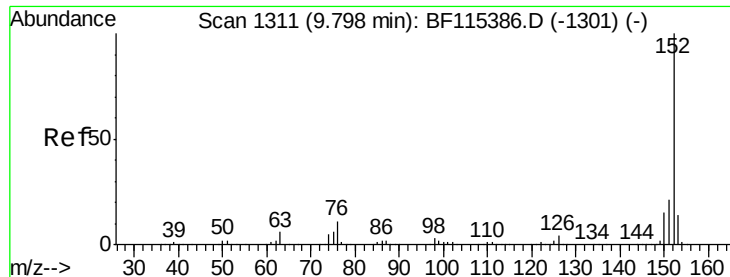


#48
 2-Nitroaniline
 Concen: 41.089 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	300119		
92	69.2		55.4	83.0
138	107.3		85.8	128.8

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





#49

Acenaphthylene

Concen: 38.126 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1488202

Ion Ratio Lower Upper

152 100

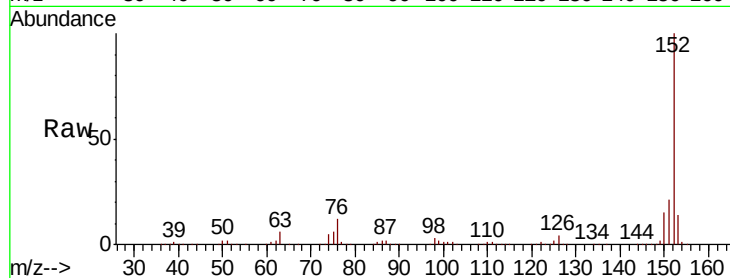
151 21.2 17.0 25.4

153 14.3 11.4 17.2

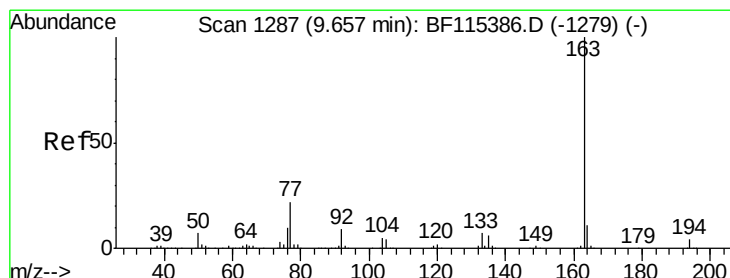
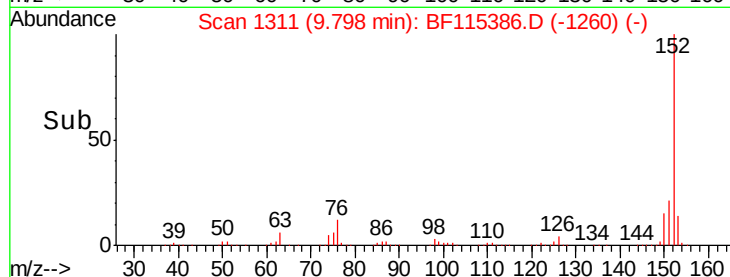
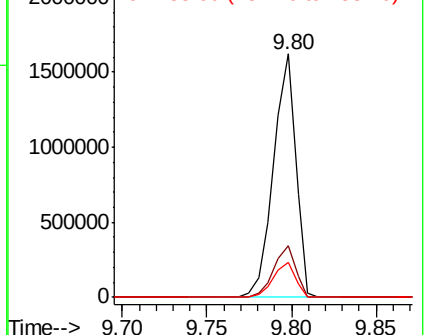
Manual Integrations
APPROVED

mohammad

7/8/2019 2:12:43 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.263 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

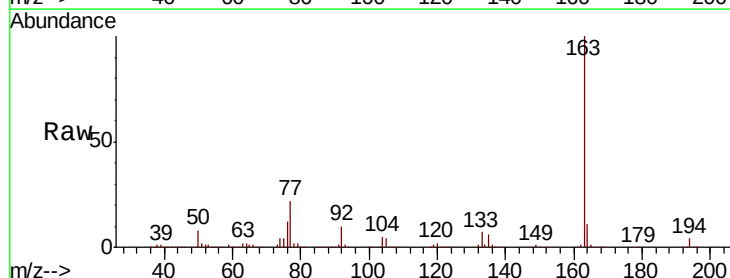
Tgt Ion:163 Resp: 1143445

Ion Ratio Lower Upper

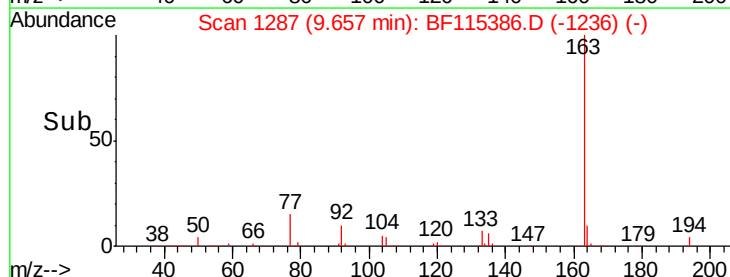
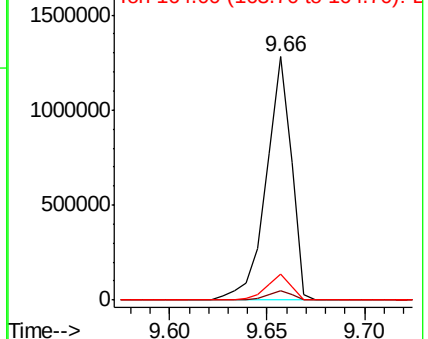
163 100

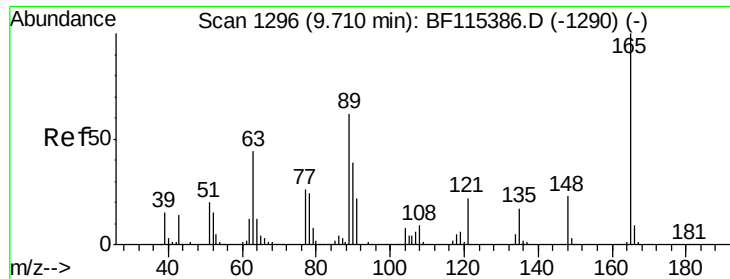
194 4.0 3.2 4.8

164 10.6 8.5 12.7



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: 38.553 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

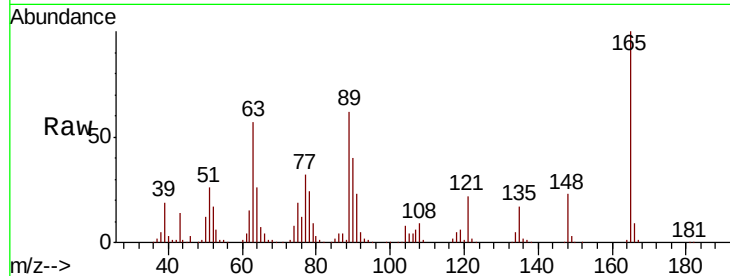
ClientSampleId :

SSTDICCC040

Tot Ion:	165	Resp:	252769
Ion Ratio	Lower	Upper	
165	100		
63	57.2	45.8	68.6
89	62.4	49.9	74.9

Manual Integrations
APPROVED

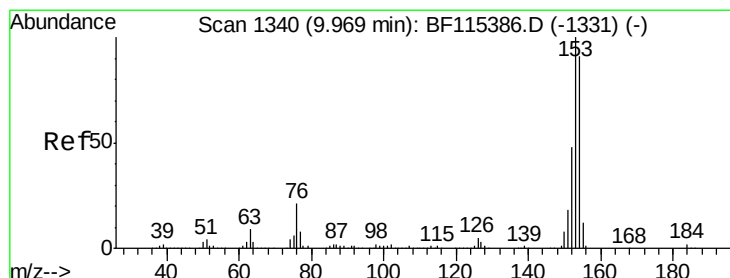
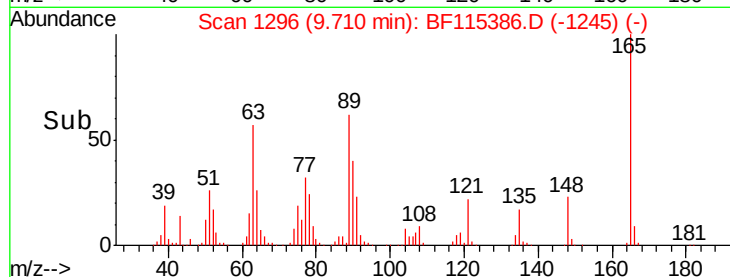
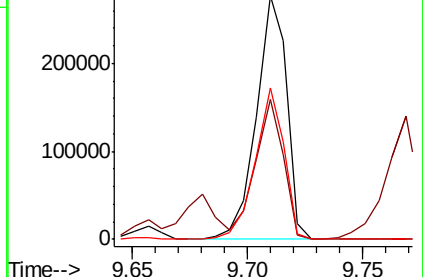
mohammad
7/8/2019 2:12:43 PM



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: 38.689 ng

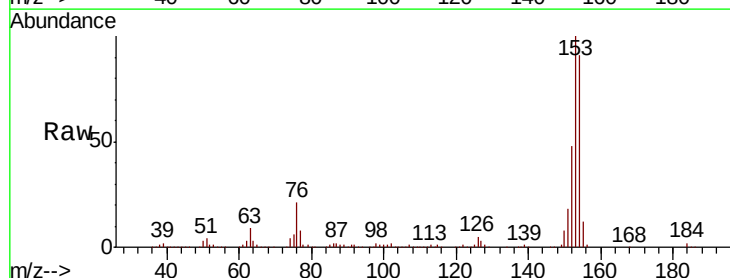
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

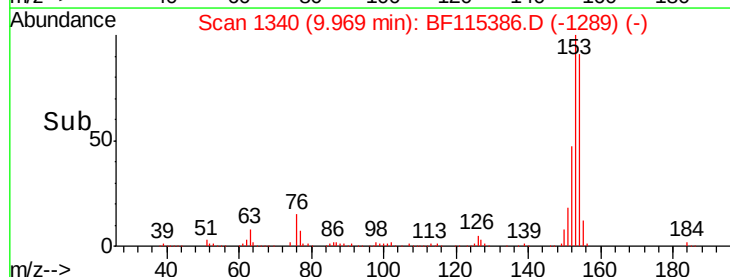
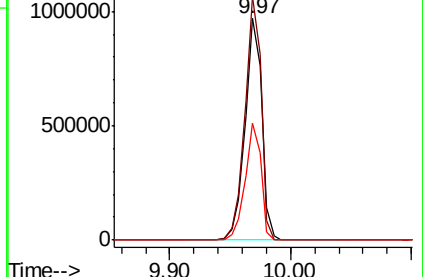
Tgt Ion:	154	Resp:	944984
Ion Ratio	Lower	Upper	
154	100		
153	109.9	87.9	131.9
152	52.7	42.2	63.2

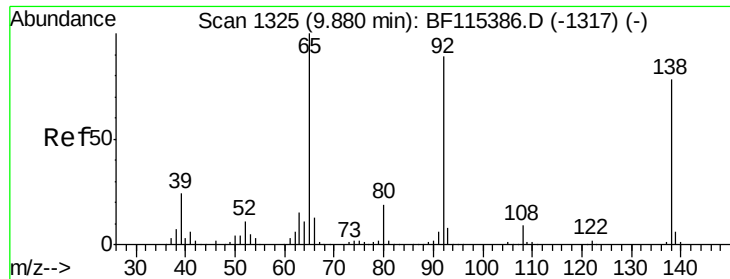


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





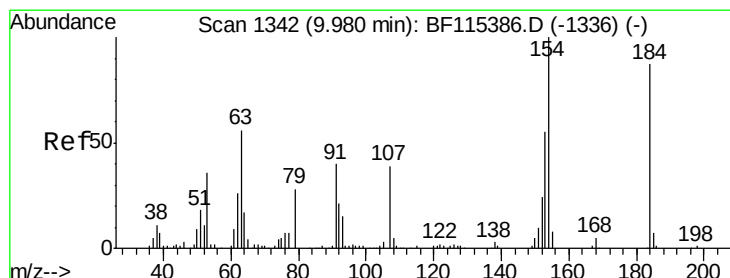
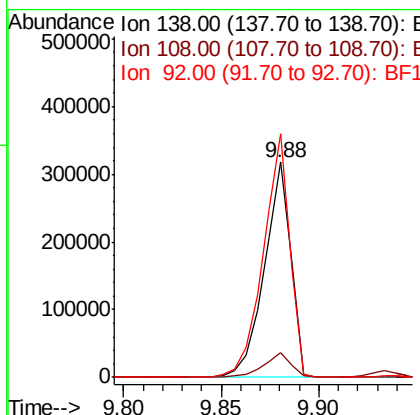
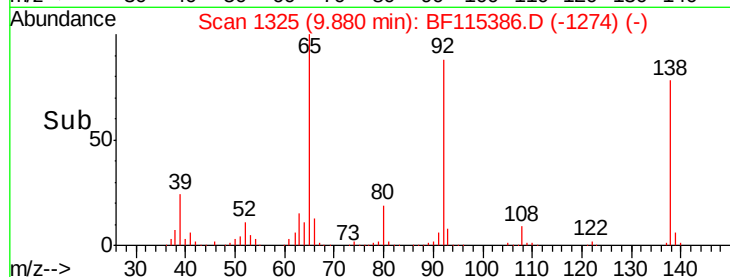
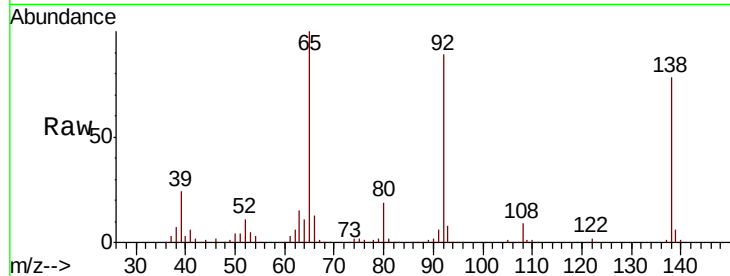
#53
3-Nitroaniline
Concen: 37.113 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	113.1	90.5	135.7

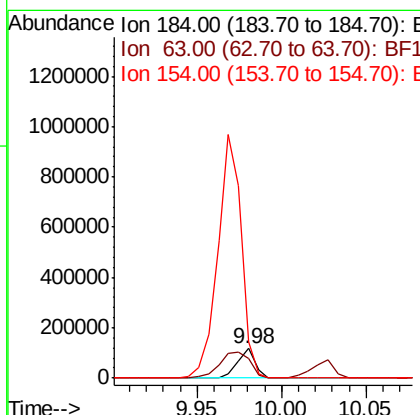
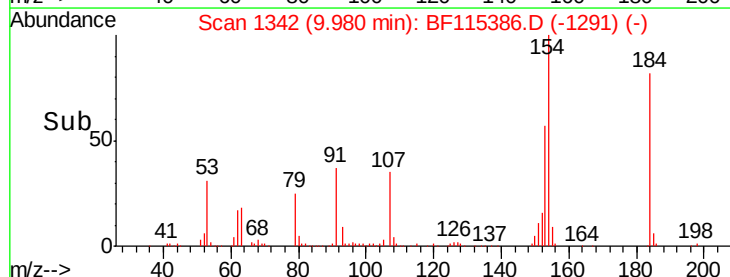
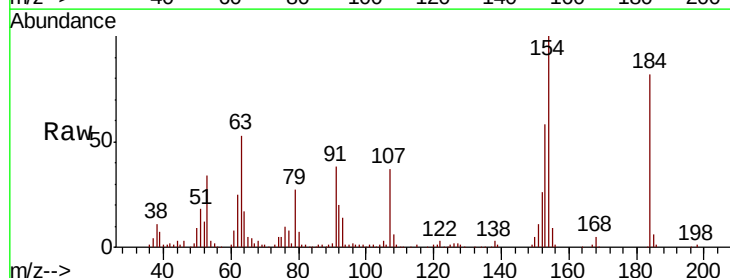
Manual Integrations
APPROVED

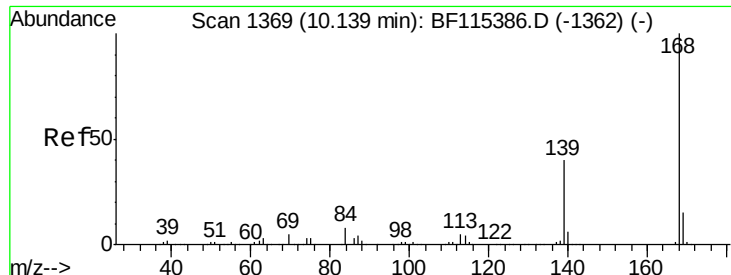
mohammad
7/8/2019 2:12:43 PM



#54
2,4-Dinitrophenol
Concen: 29.903 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	52.1	78.1
154	122.1	97.7	146.5





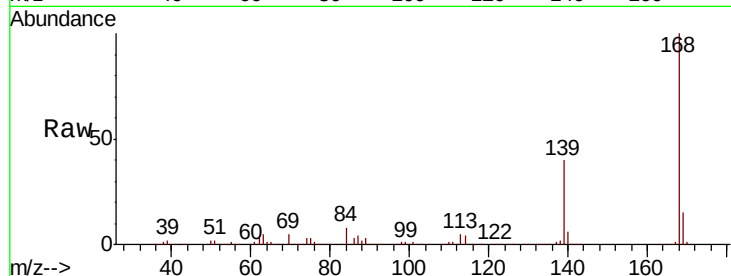
#55
Dibenzofuran
Concen: 37.759 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.2	48.2
169	14.6	11.7	17.5

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

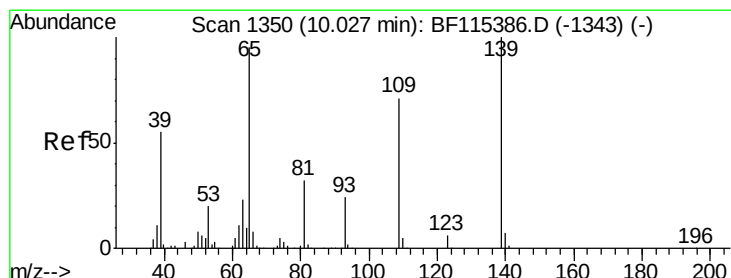
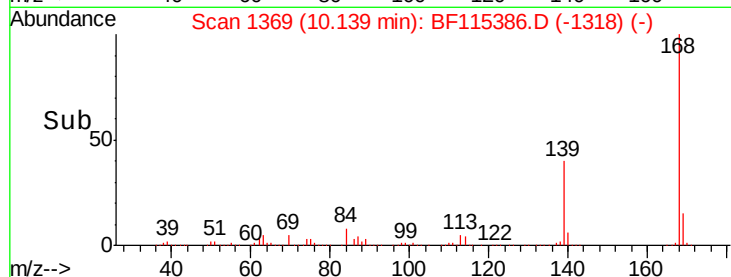
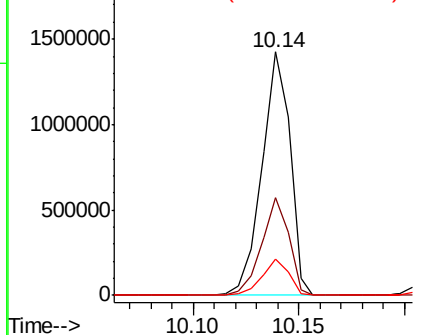


Abundance

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: 36.122 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

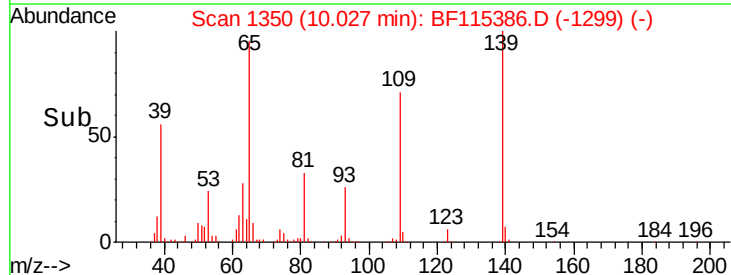
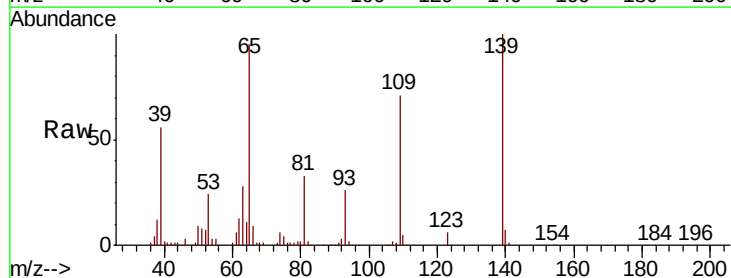
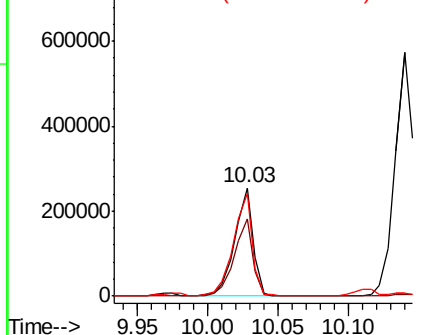
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.1	51.1	91.1
65	95.2	75.2	115.2

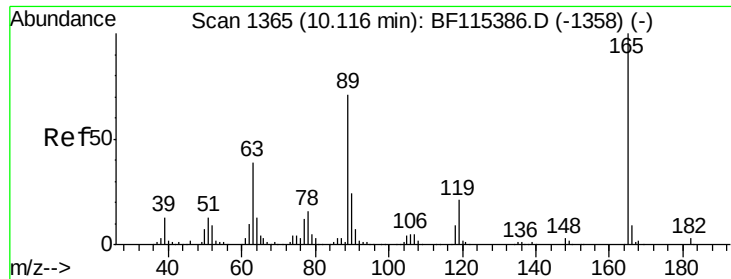
Abundance

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





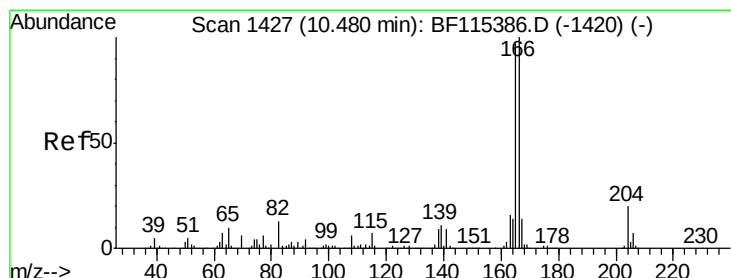
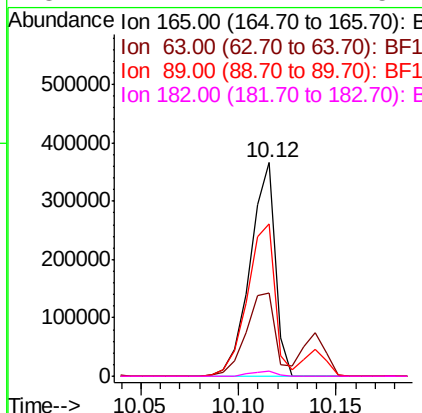
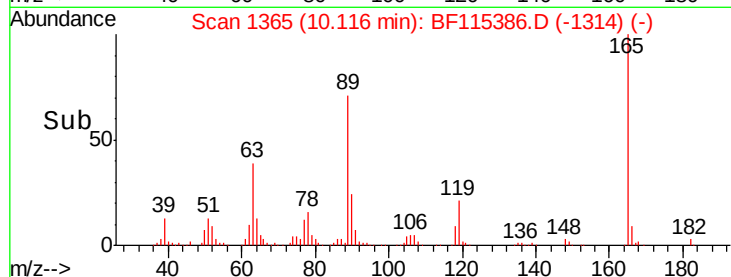
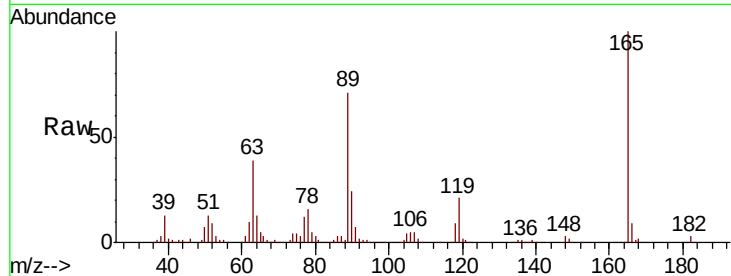
#57
2,4-Dinitrotoluene
Concen: 38.568 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.2	31.4	47.0	
89	71.4	57.1	85.7	
182	2.7	2.2	3.2	

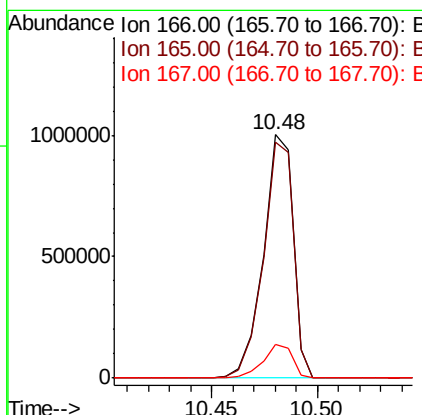
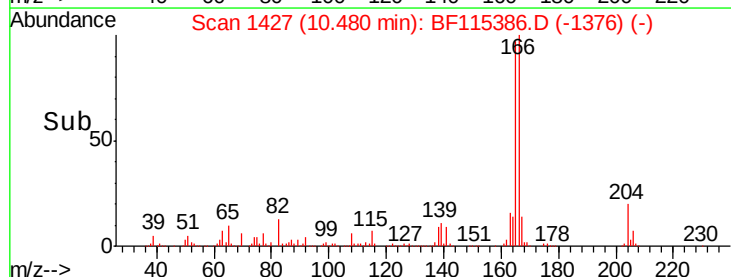
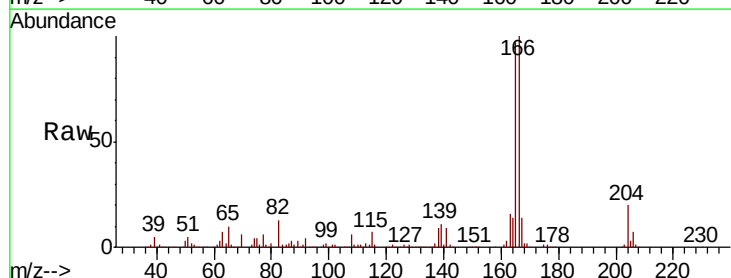
Manual Integrations
APPROVED

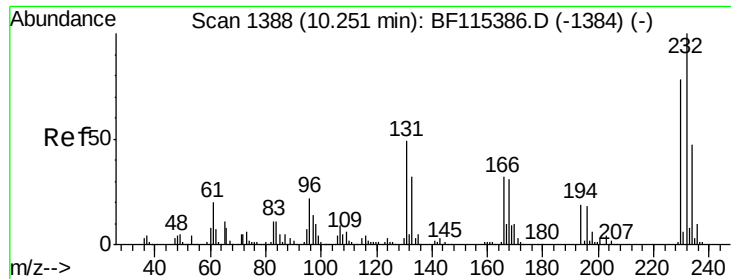
mohammad
7/8/2019 2:12:43 PM



#58
Fluorene
Concen: 37.788 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.2	77.8	116.6	
167	13.8	11.0	16.6	





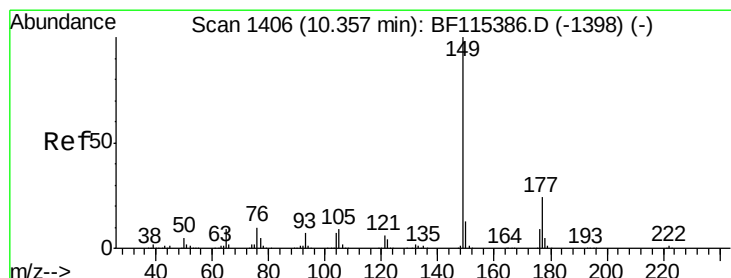
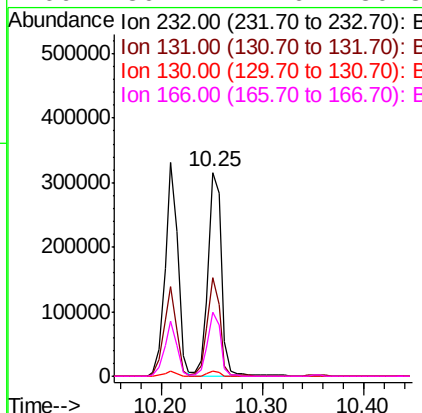
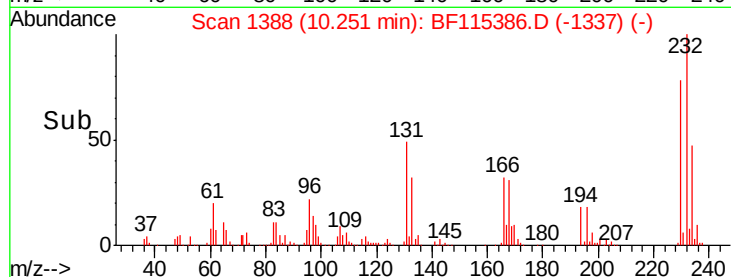
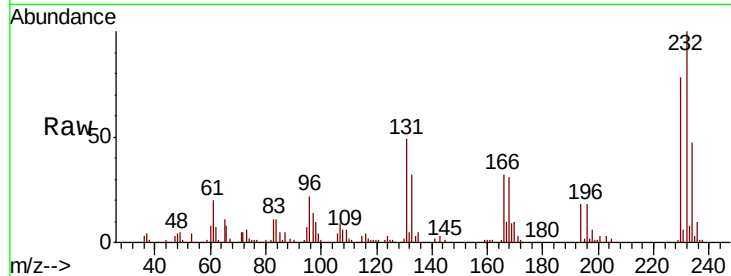
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.162 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	45.8	36.6	55.0
130	2.3	1.8	2.8
166	30.7	24.6	36.8

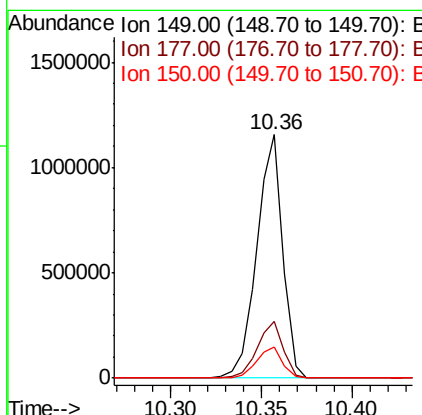
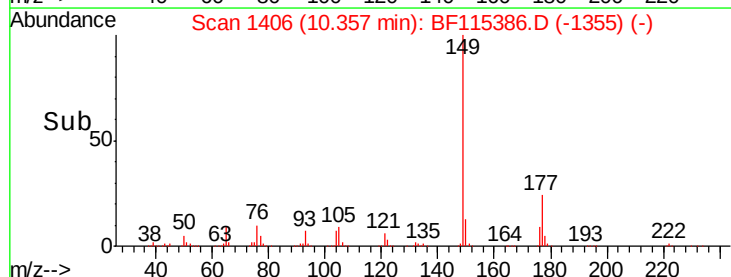
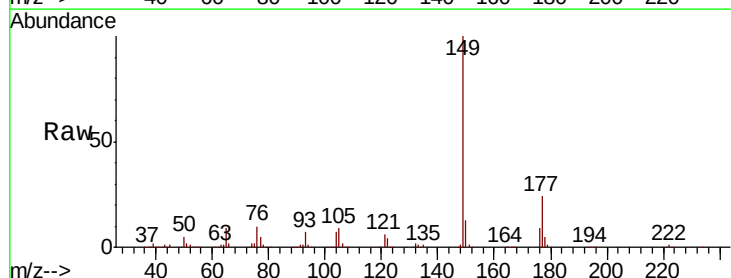
Manual Integrations
APPROVED

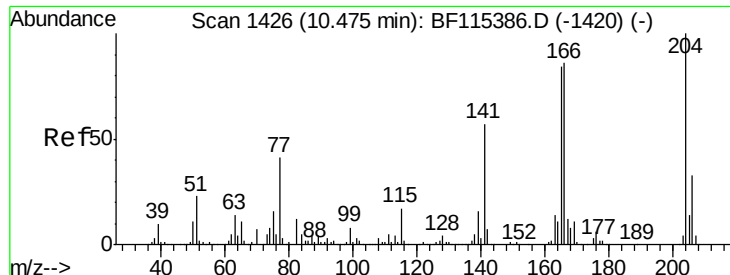
mohammad
7/8/2019 2:12:43 PM



#60
Diethylphthalate
Concen: 40.005 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.7	10.2	15.2





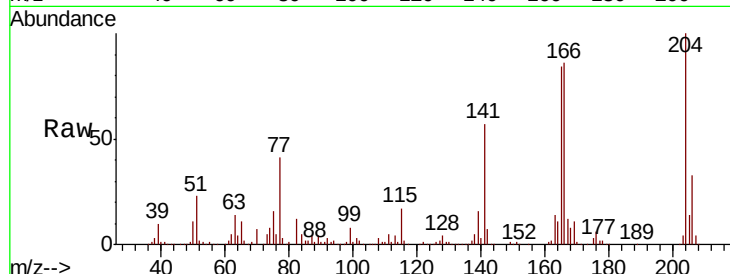
#61
4-Chlorophenyl-phenylether
Concen: 39.928 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

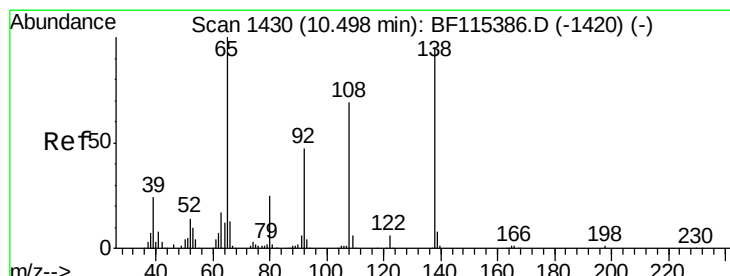
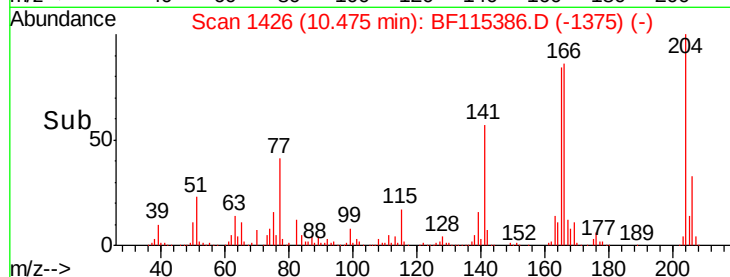
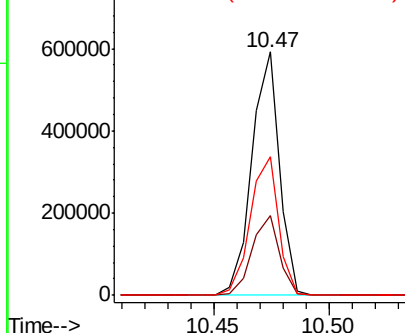
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	57.2	45.8	68.6

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM



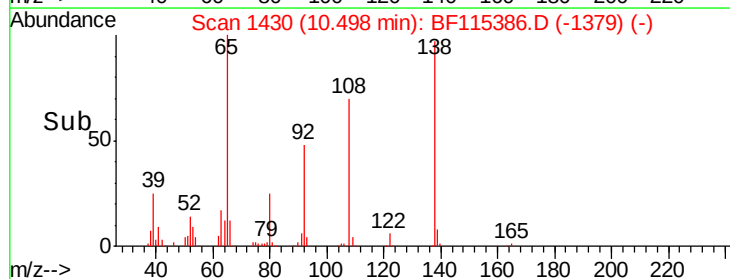
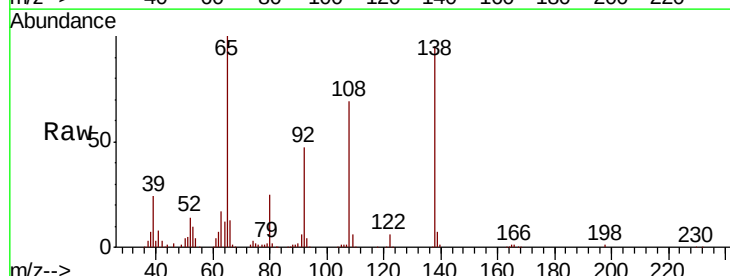
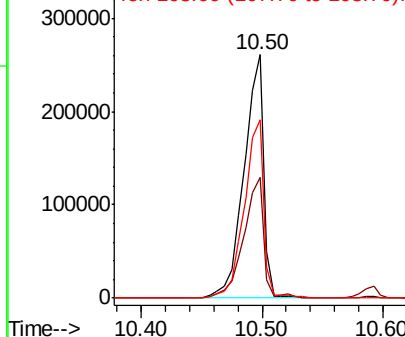
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

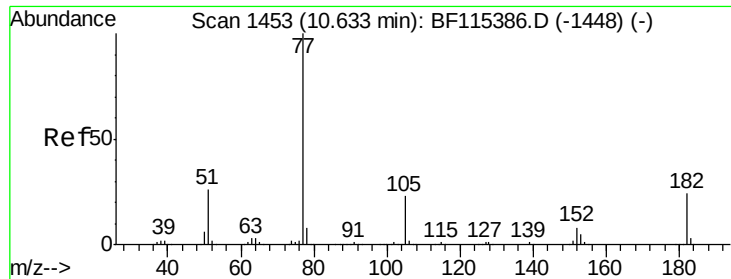


#62
4-Nitroaniline
Concen: 36.823 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	73.2	53.2	93.2

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





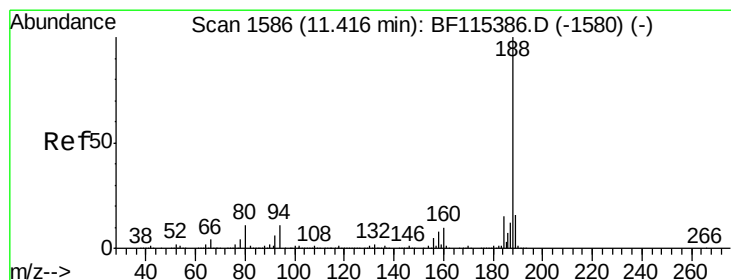
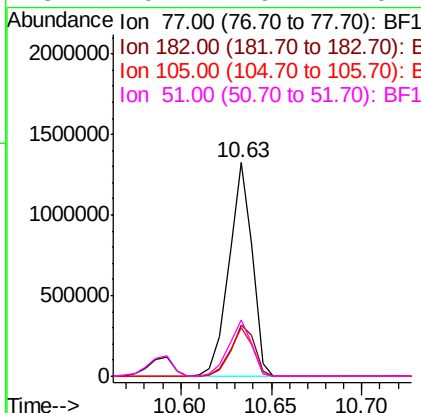
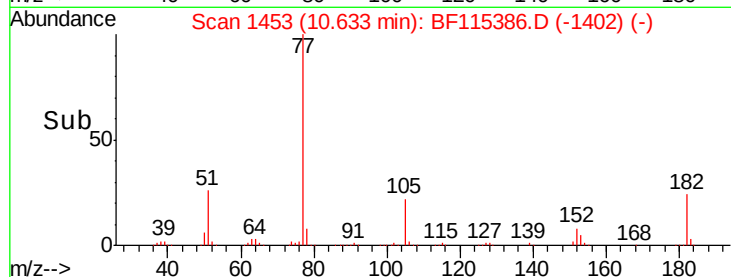
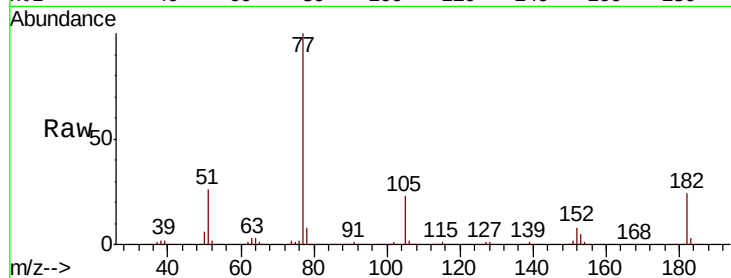
#63
Azobenzene
Concen: 43.982 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.1	4.1	44.1	
105	22.6	2.6	42.6	
51	26.4	6.4	46.4	

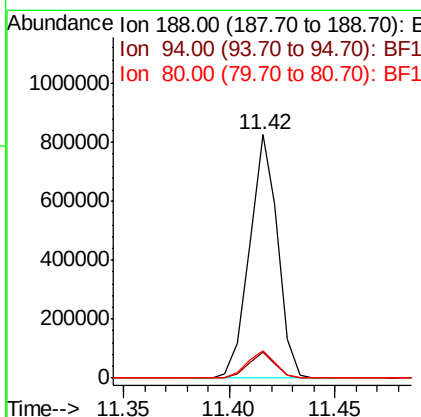
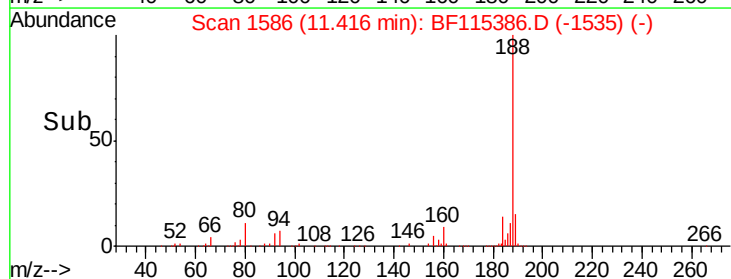
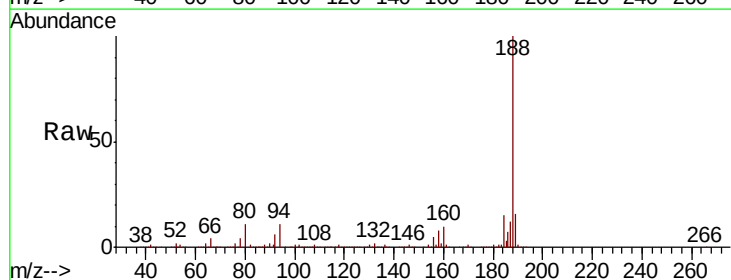
Manual Integrations
APPROVED

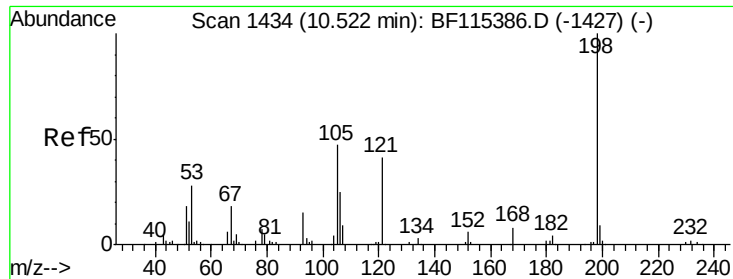
mohammad
7/8/2019 2:12:43 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	8.5	12.7	
80	11.4	9.1	13.7	





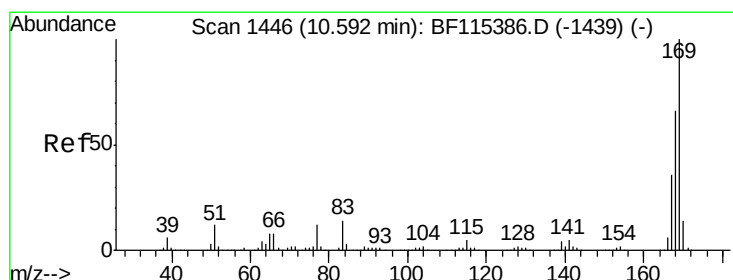
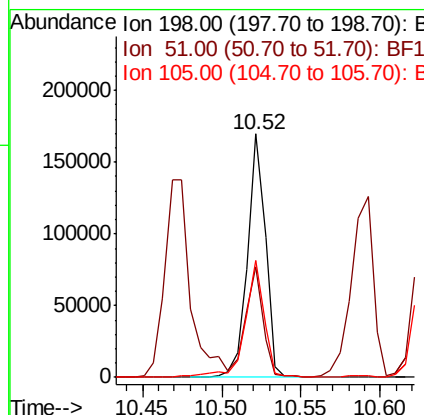
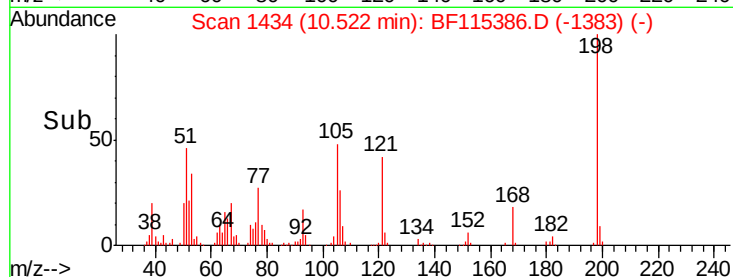
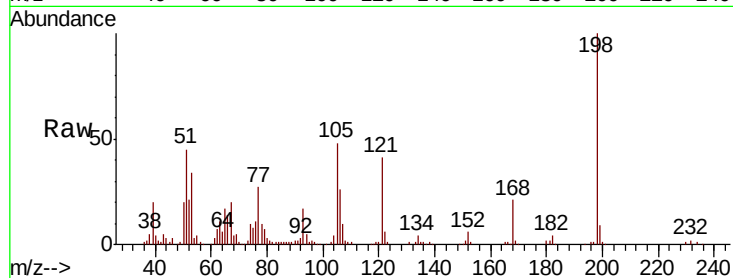
#65
4,6-Dinitro-2-methylphenol
Concen: 35.016 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133181		
51	45.4	25.4	65.4	
105	47.9	27.9	67.9	

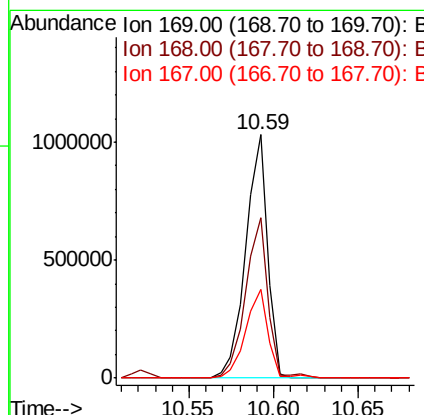
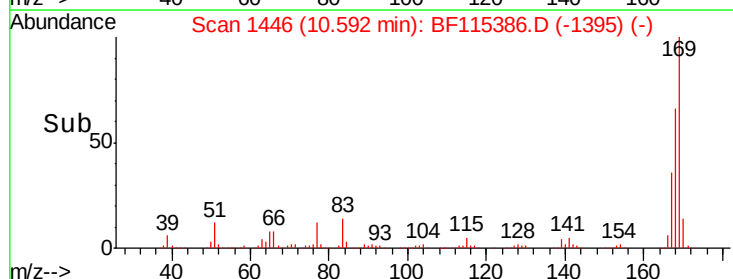
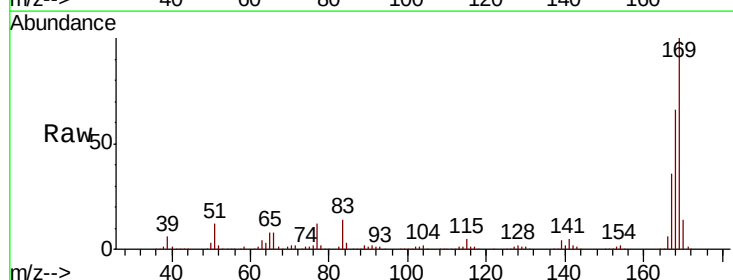
Manual Integrations
APPROVED

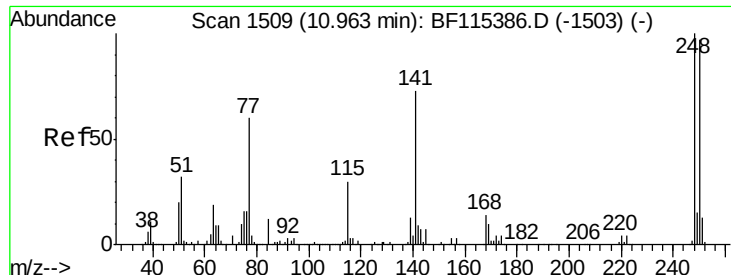
mohammad
7/8/2019 2:12:43 PM



#66
n-Nitrosodiphenylamine
Concen: 39.357 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	936441		
168	65.8	52.6	79.0	
167	36.5	29.2	43.8	





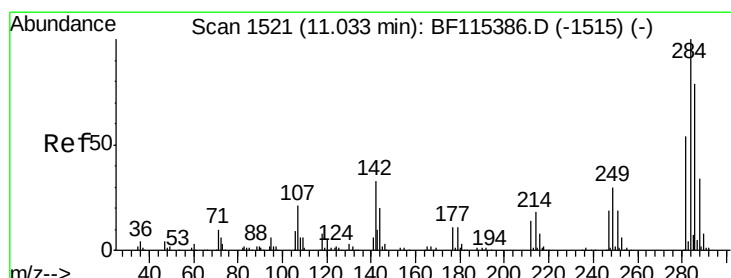
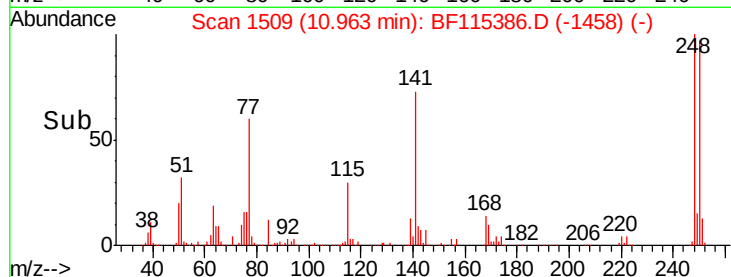
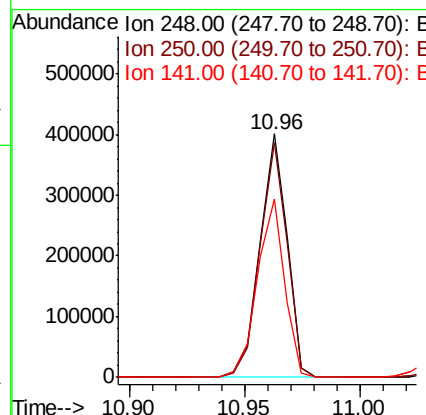
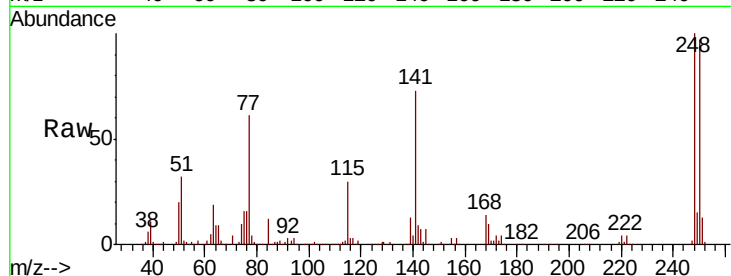
#67
4-Bromophenyl-phenylether
Concen: 39.886 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.3	115.9
141	73.1	58.5	87.7

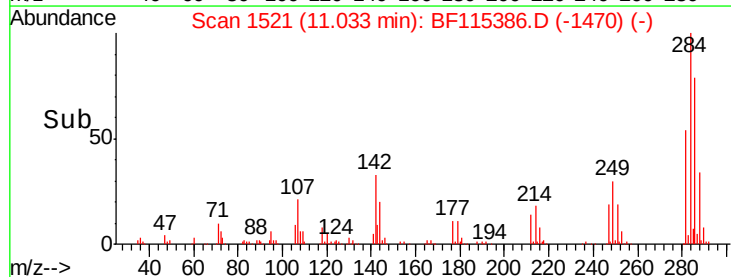
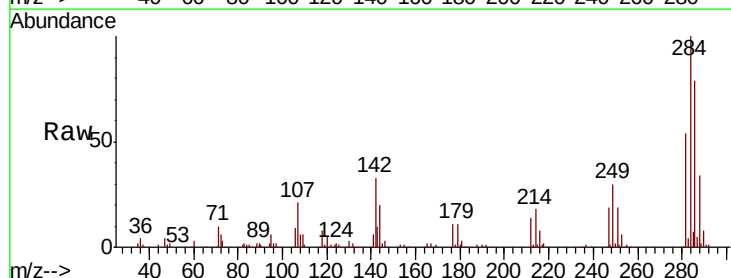
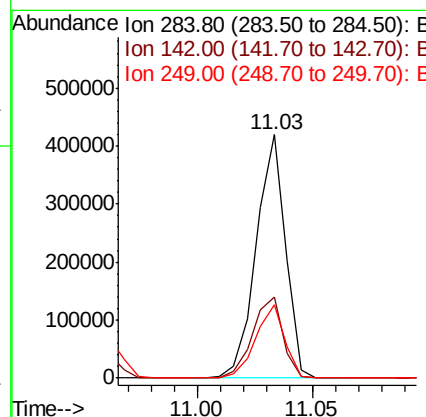
Manual Integrations
APPROVED

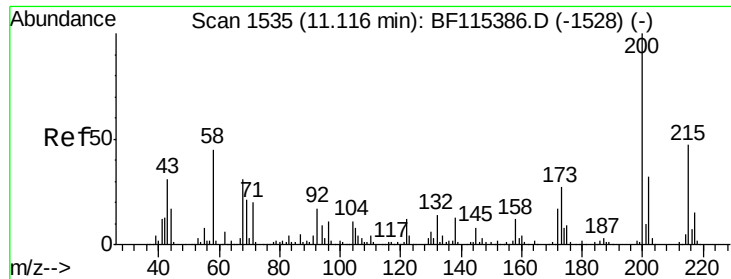
mohammad
7/8/2019 2:12:43 PM



#68
Hexachlorobenzene
Concen: 41.431 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	26.5	39.7
249	30.2	24.2	36.2





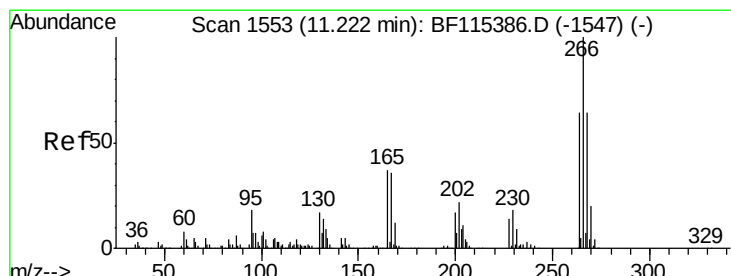
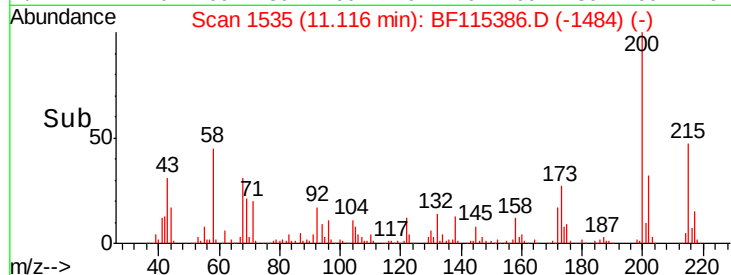
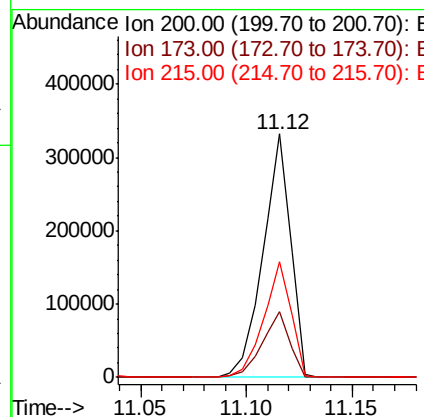
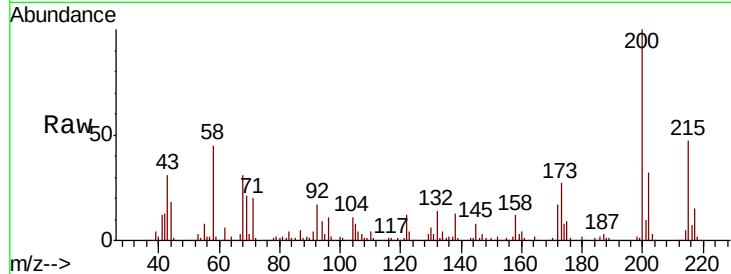
#69
Atrazine
Concen: 39.515 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	7.1	47.1
215	47.5	27.5	67.5

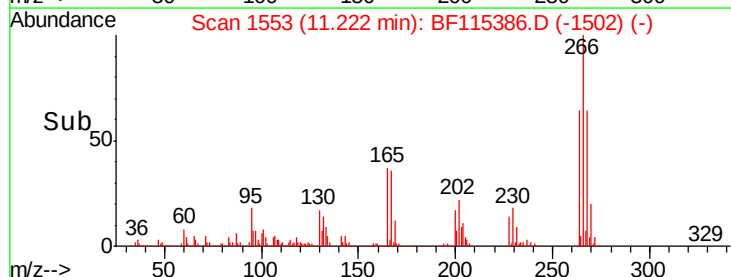
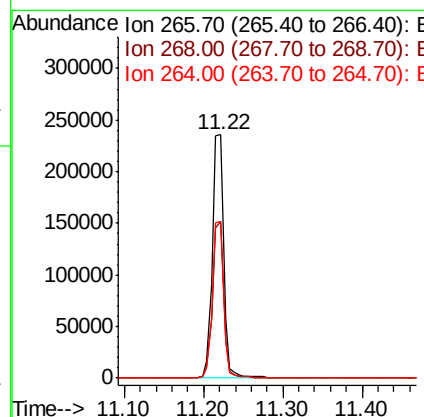
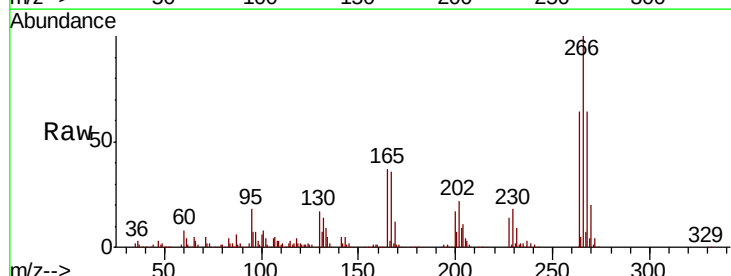
Manual Integrations
APPROVED

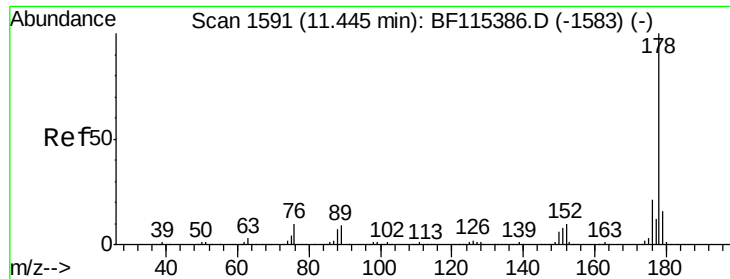
mohammad
7/8/2019 2:12:43 PM



#70
Pentachlorophenol
Concen: 41.353 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

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





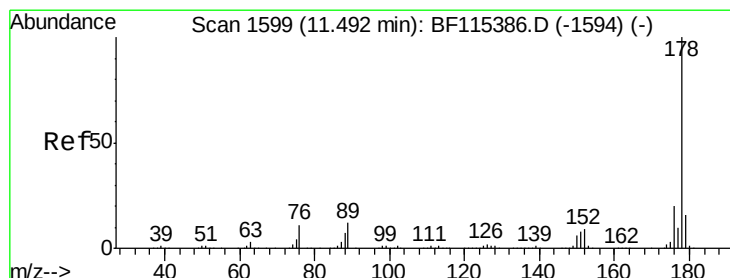
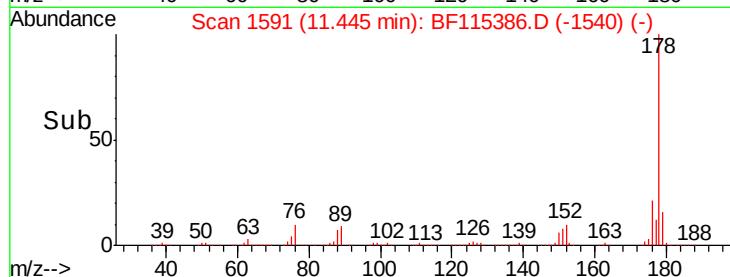
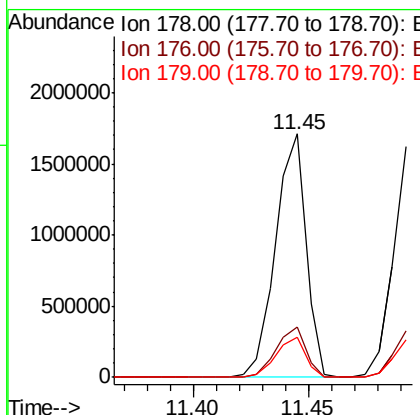
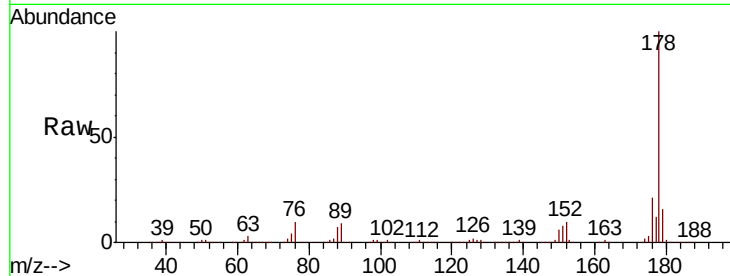
#71
Phenanthrene
Concen: 38.031 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 1563833
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.3 13.0 19.6

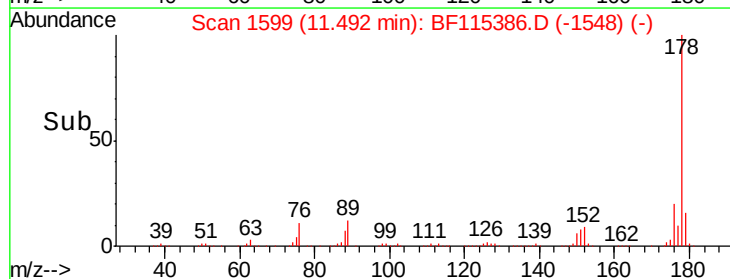
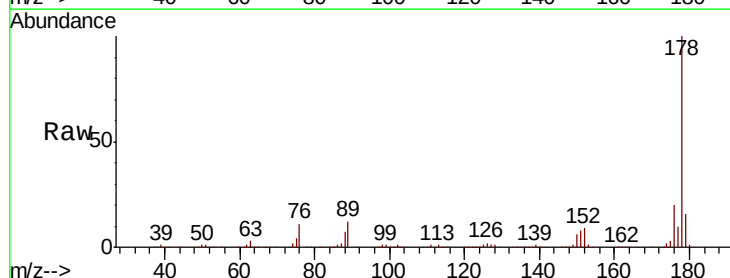
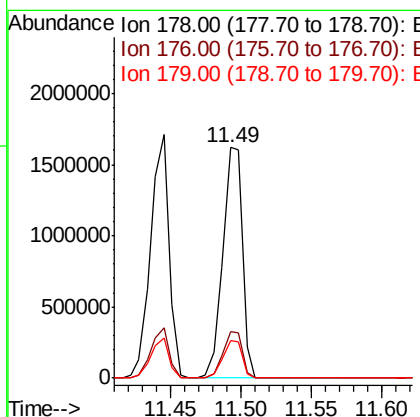
Manual Integrations
APPROVED

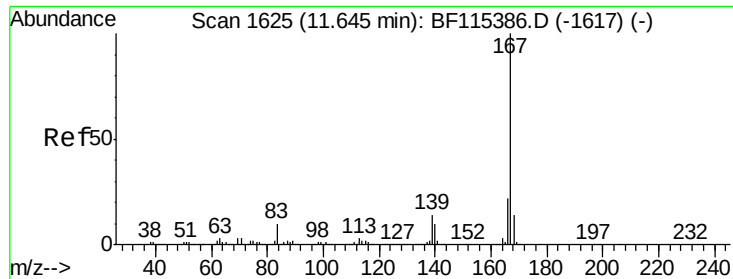
mohammad
7/8/2019 2:12:43 PM



#72
Anthracene
Concen: 37.843 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:178 Resp: 1570776
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.4 13.1 19.7





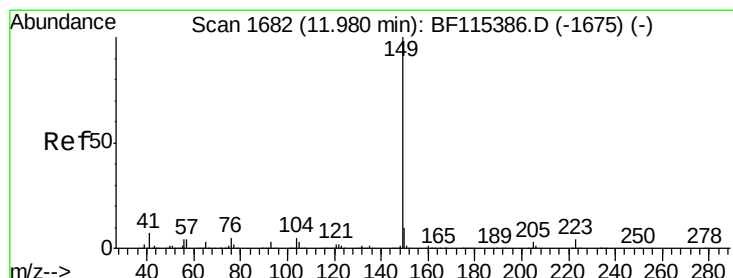
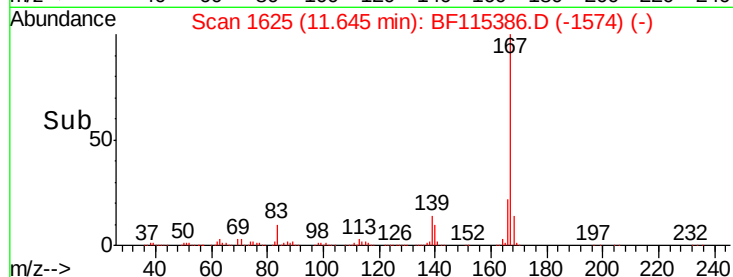
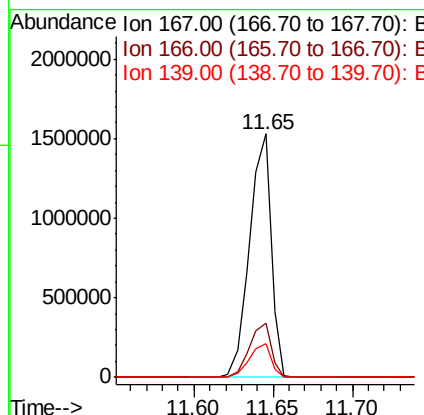
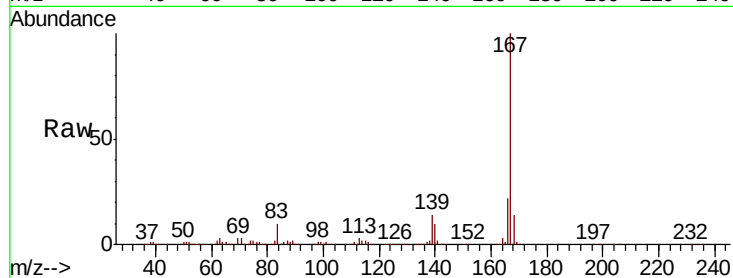
#73
 Carbazole
 Concen: 39.100 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 1449265
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.8 11.0 16.6

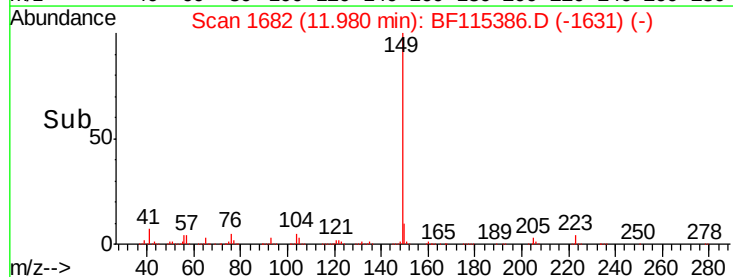
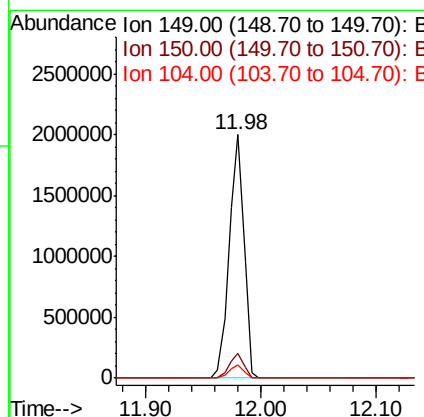
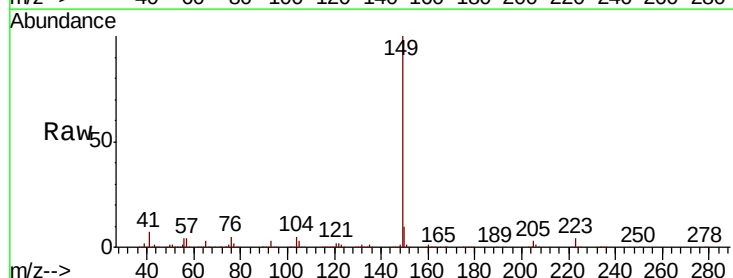
Manual Integrations
 APPROVED

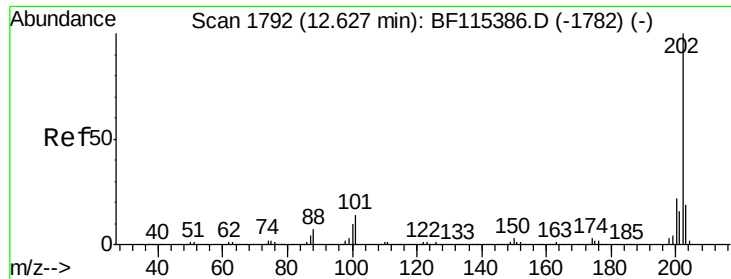
mohammad
 7/8/2019 2:12:43 PM



#74
 Di-n-butylphthalate
 Concen: 41.034 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:149 Resp: 1757503
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 5.5 4.4 6.6





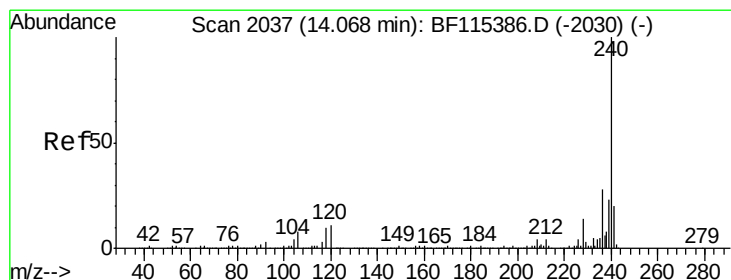
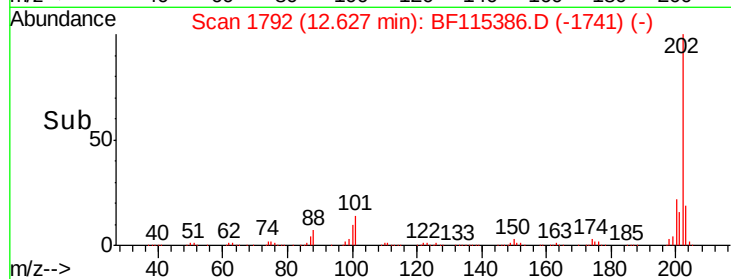
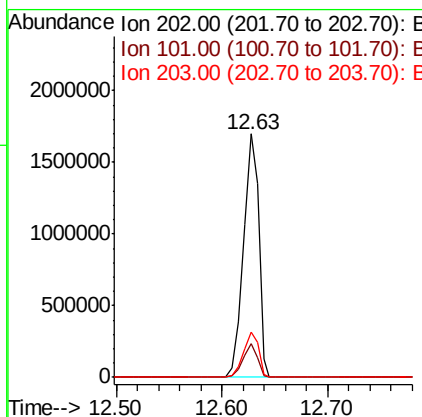
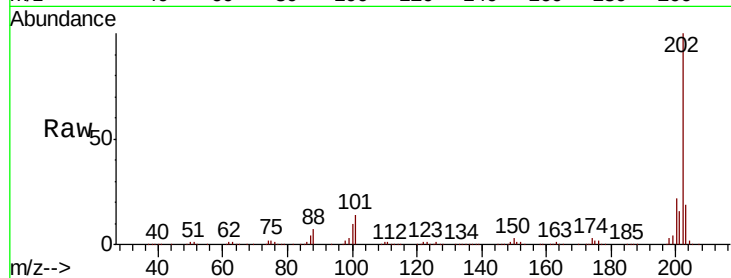
#75
 Fluoranthene
 Concen: 40.602 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.0
203	18.5	0.0	38.5

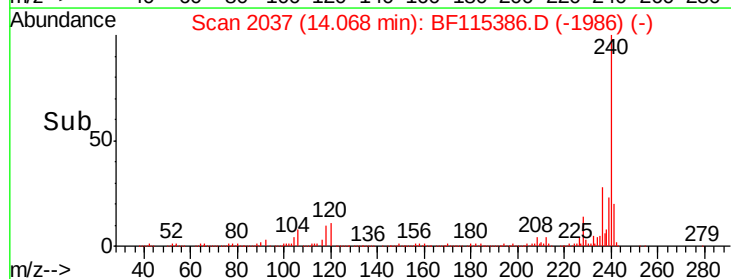
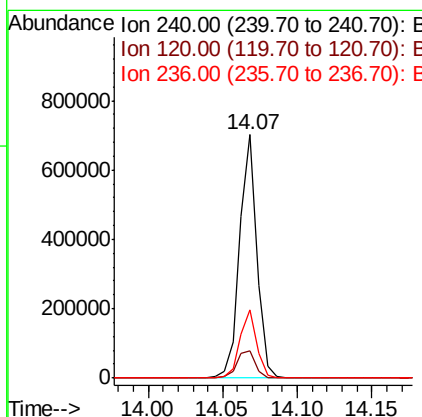
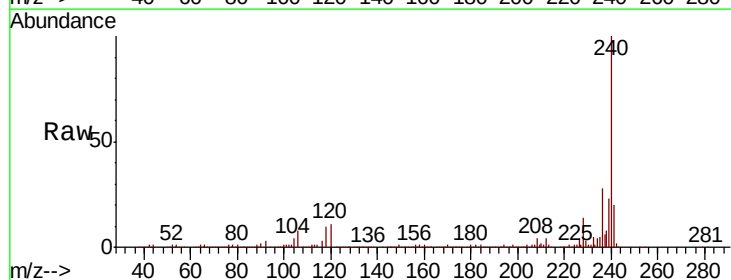
Manual Integrations
 APPROVED

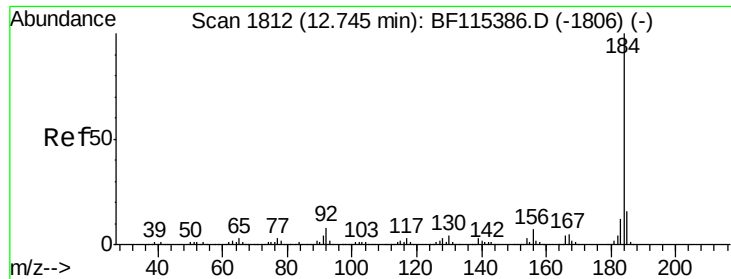
mohammad
 7/8/2019 2:12:43 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	28.1	22.5	33.7





#77

Benzidine

Concen: 34.292 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

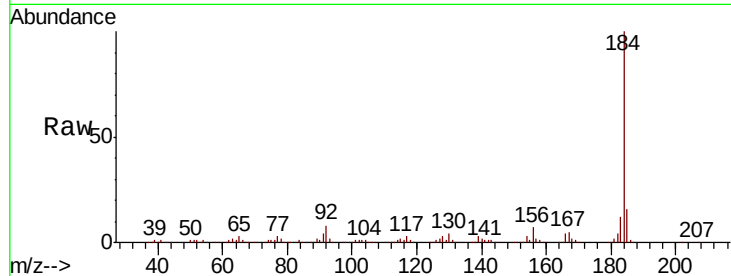
ClientSampleId :

SSTDICCC040

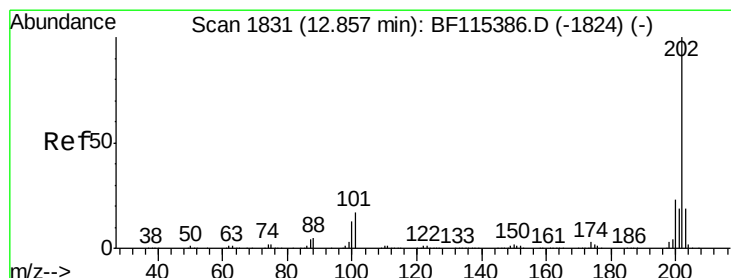
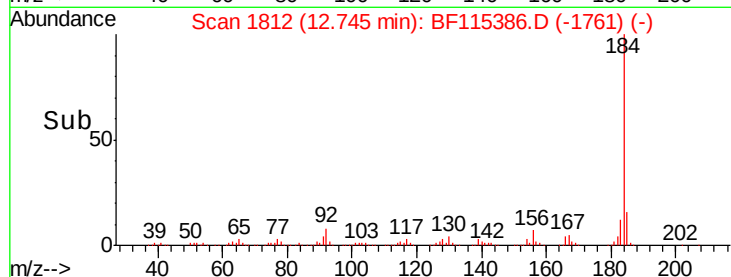
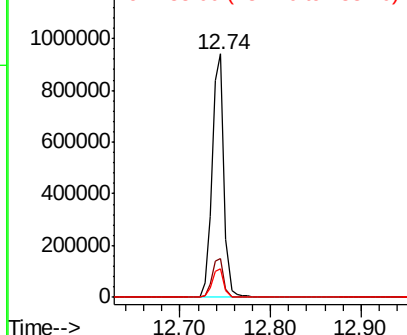
Tot Ion:	184	Resp:	861886
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	11.7	9.4	14.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.713 ng

RT: 12.86 min Scan# 1831

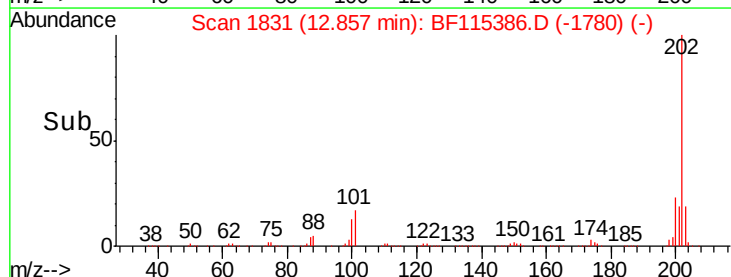
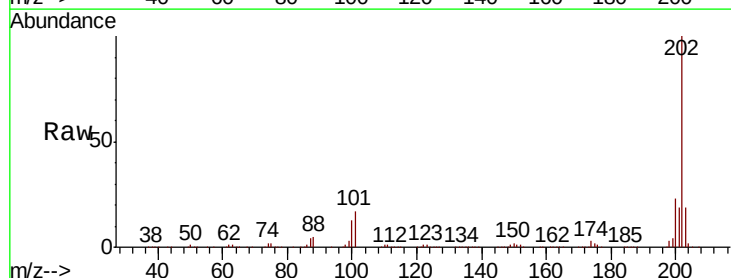
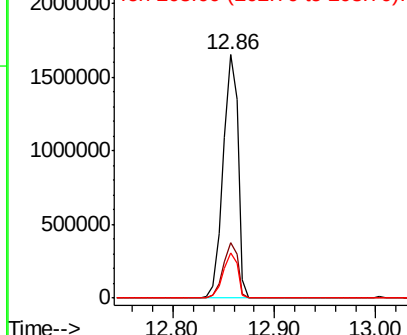
Delta R.T. 0.00 min

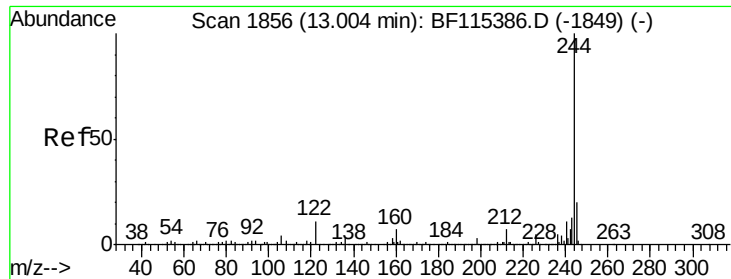
Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion:	202	Resp:	1683963
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.4
203	18.5	14.8	22.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





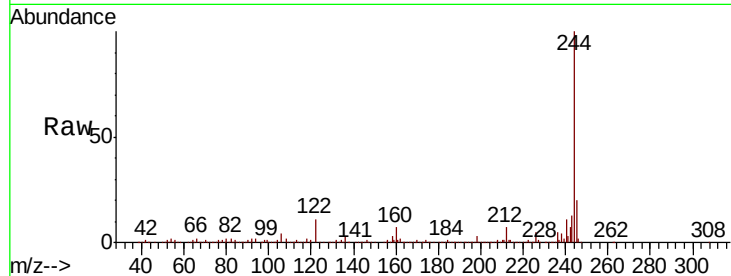
#79
 Terphenyl-d14
 Concen: 78.238 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	9.1	13.7

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:12:43 PM

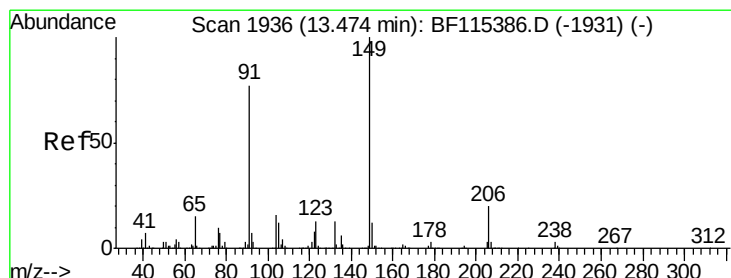
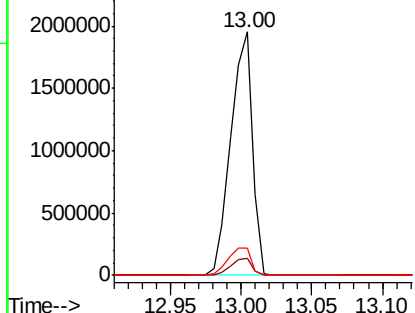
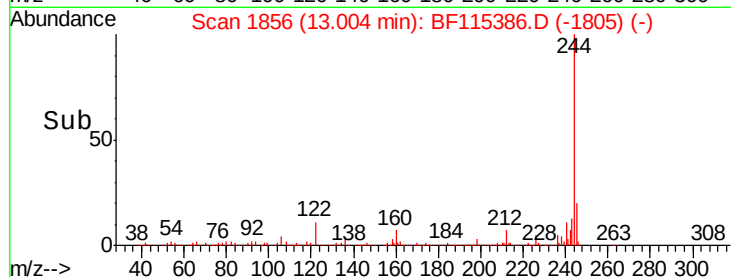


Abundance

Ion 244.00 (243.70 to 244.70): E

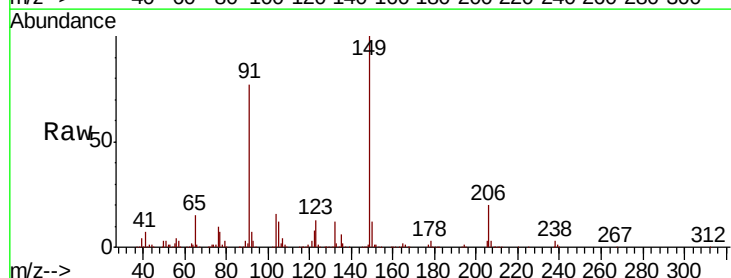
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 39.353 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.7	61.4	92.0
206	20.1	16.1	24.1

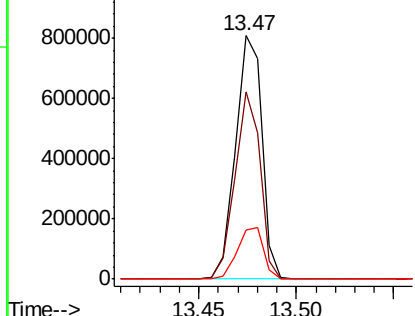
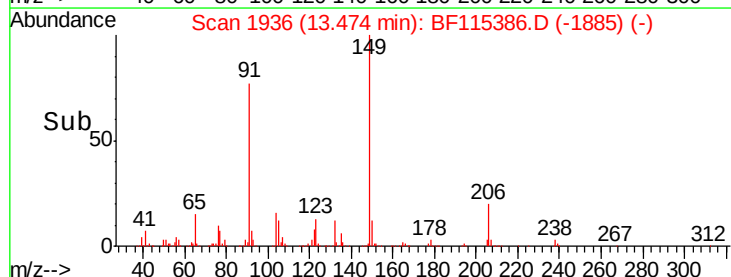


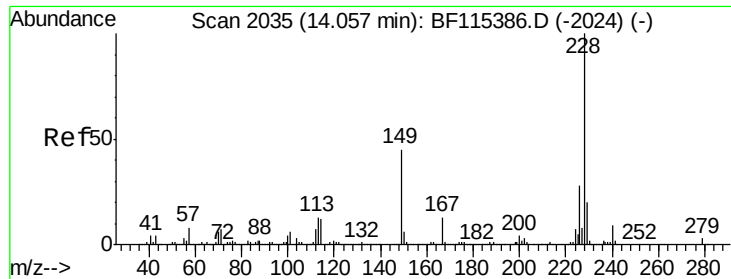
Abundance

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





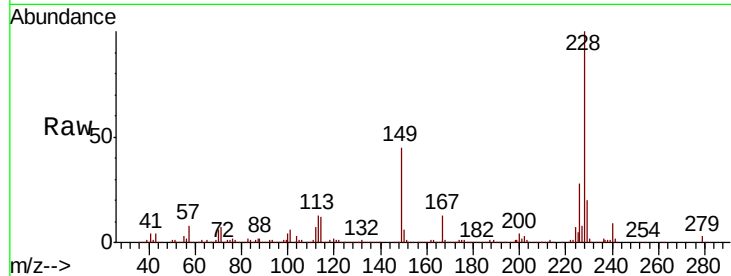
#81
Benzo(a)anthracene
Concen: 34.575 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

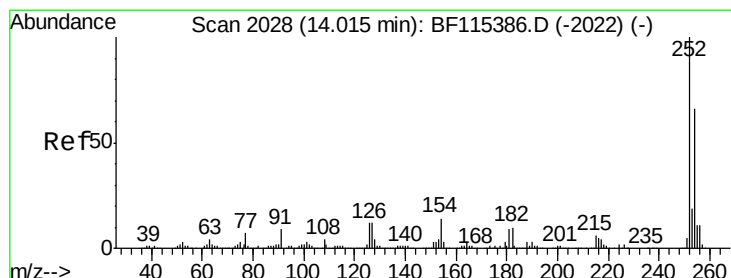
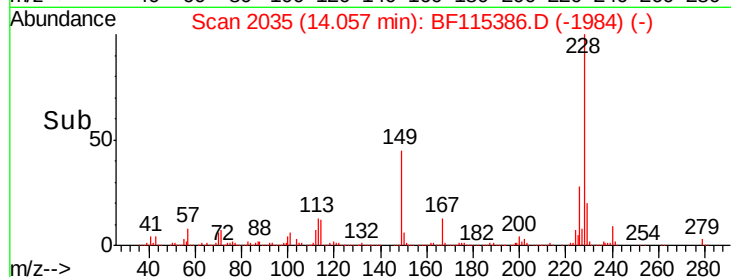
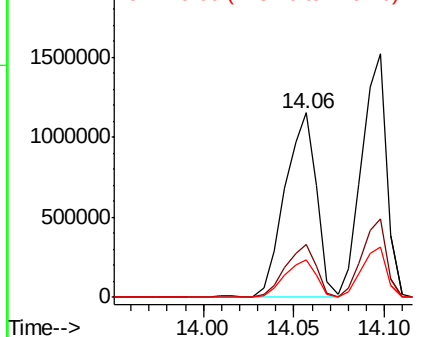
Tot Ion:228 Resp: 1404217
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.4 16.3 24.5

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

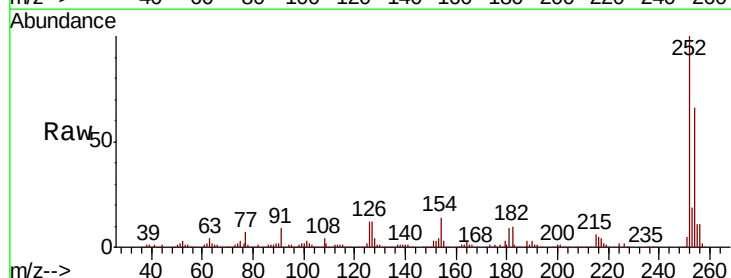


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

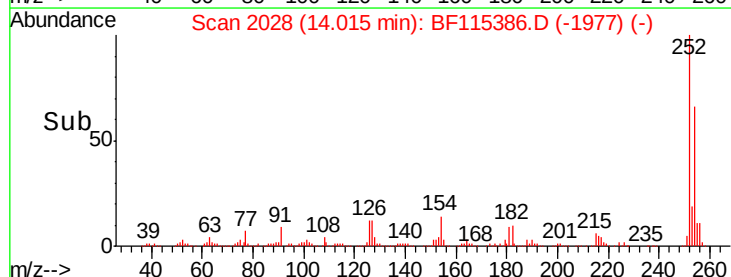
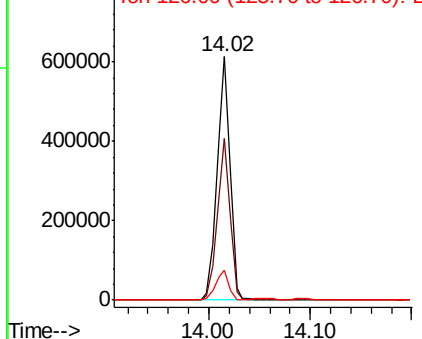


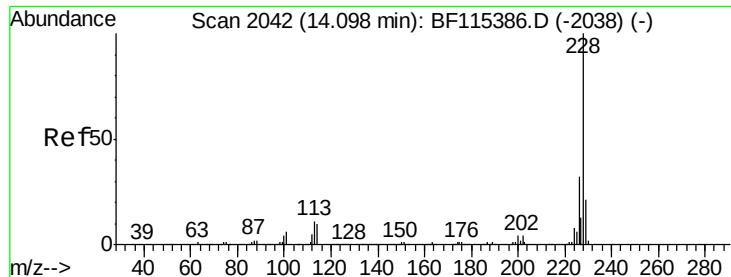
#82
3,3'-Dichlorobenzidine
Concen: 37.021 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:252 Resp: 542960
Ion Ratio Lower Upper
252 100
254 66.2 53.0 79.4
126 12.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





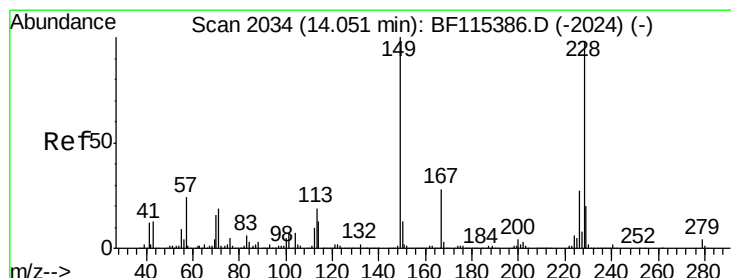
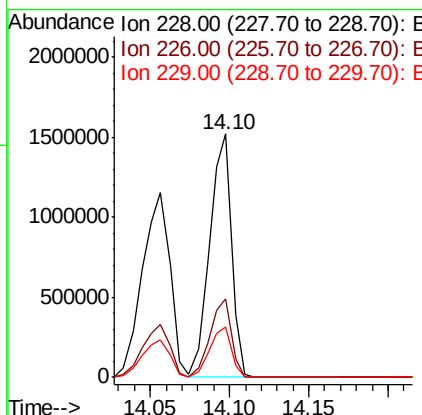
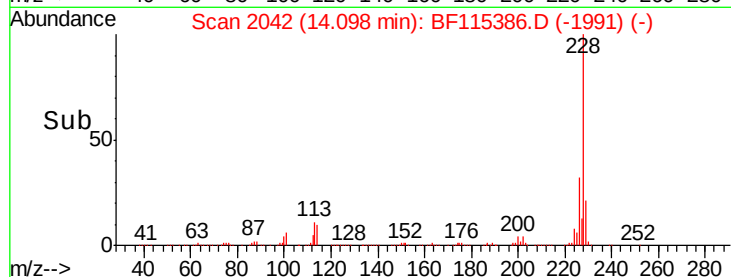
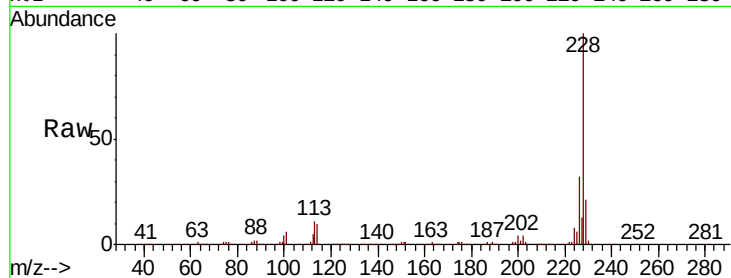
#83
 Chrysene
 Concen: 39.166 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:228 Resp: 1457101
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 20.8 16.6 25.0

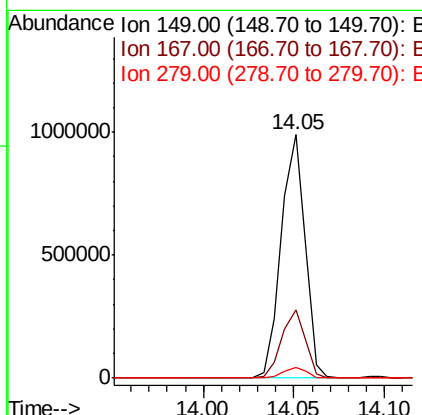
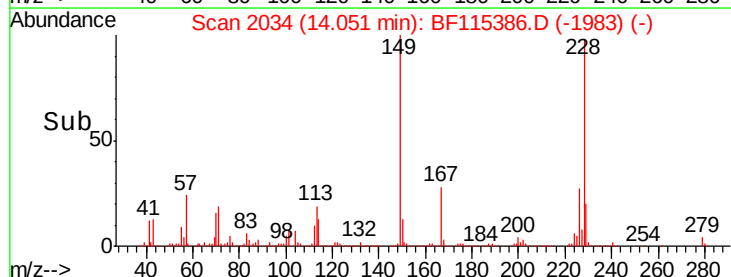
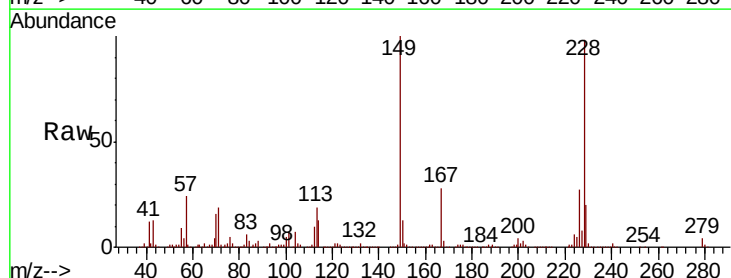
Manual Integrations
 APPROVED

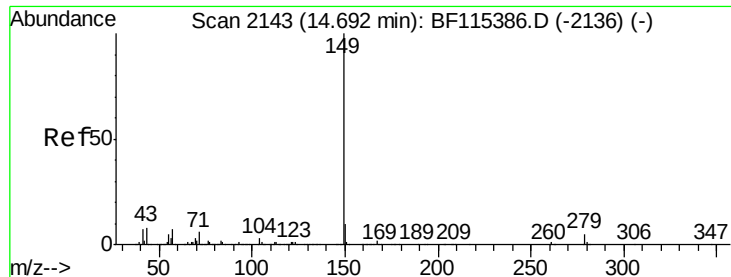
mohammad
 7/8/2019 2:12:43 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.082 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:149 Resp: 907589
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.3 33.5
 279 4.3 3.4 5.2





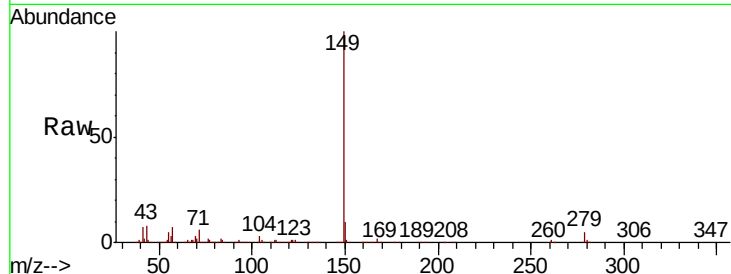
#85
Di-n-octyl phthalate
Concen: 39.757 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.6	11.4

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM

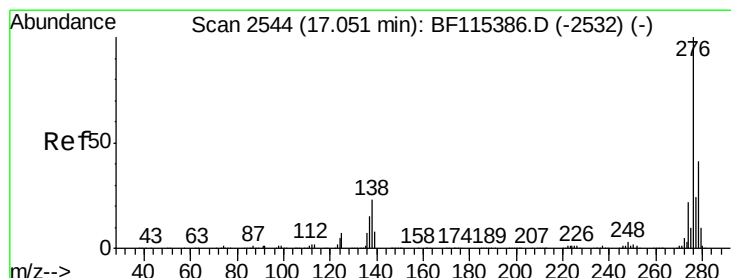
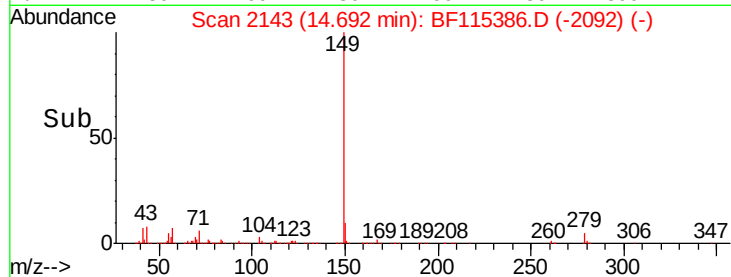
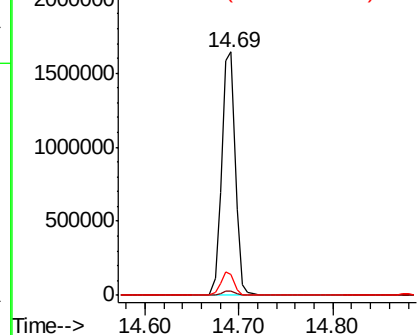


Abundance

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: 28.099 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

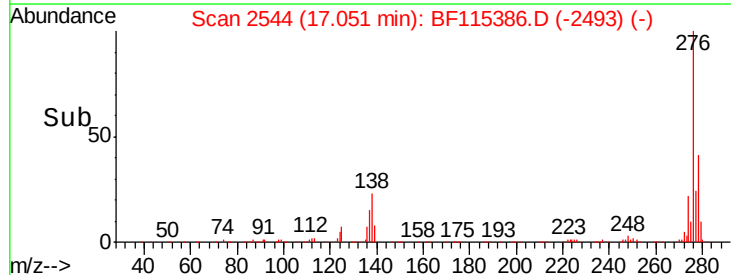
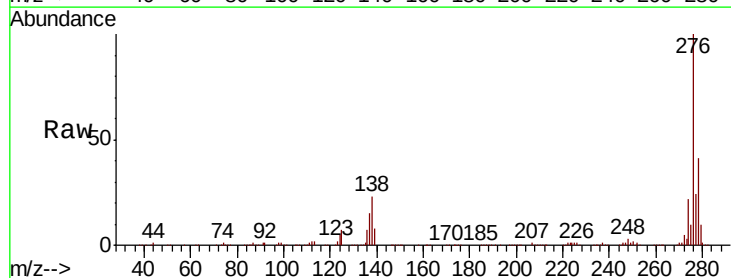
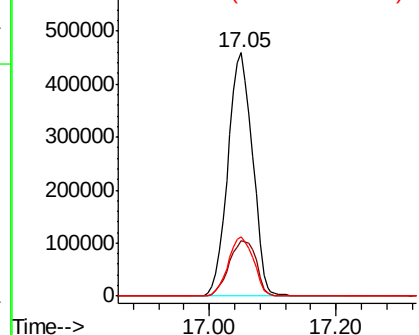
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	0.0	0.0#
277	25.0	0.0	0.0#

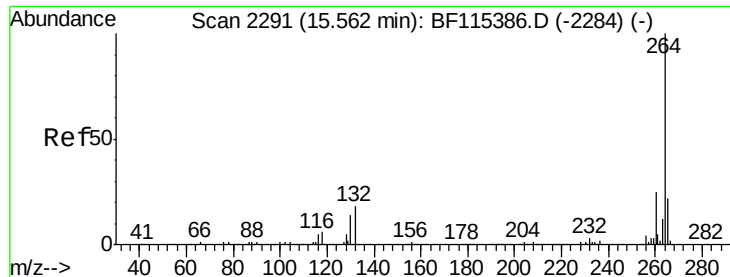
Abundance

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





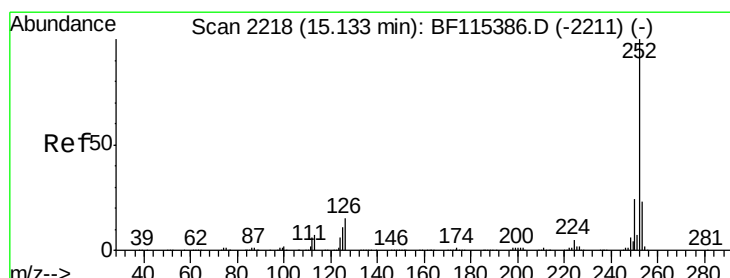
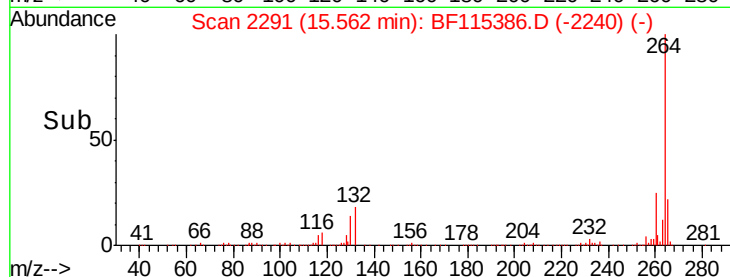
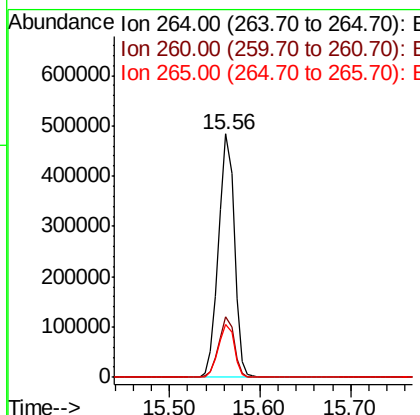
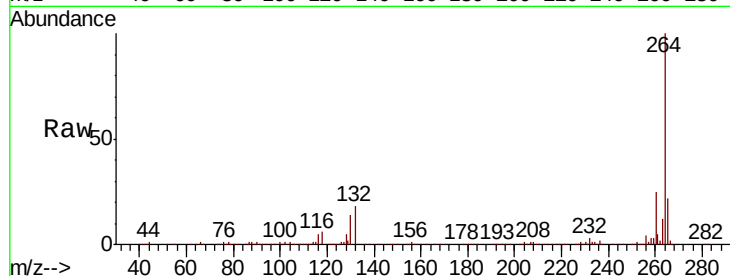
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.8	17.4	26.2

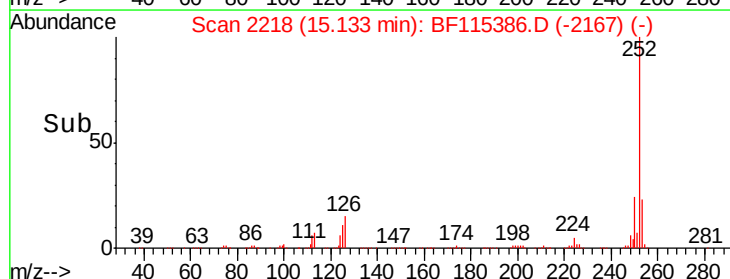
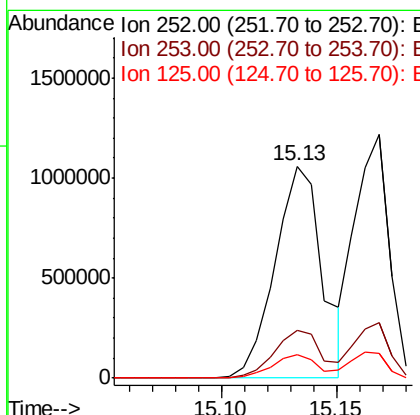
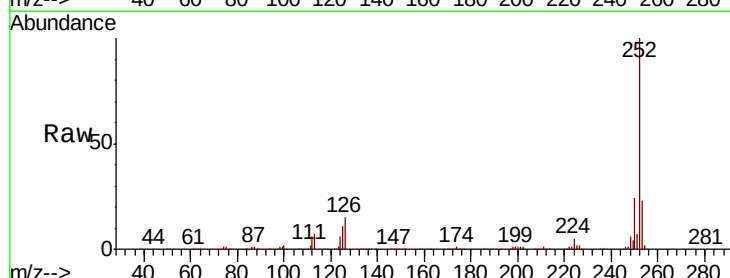
Manual Integrations
 APPROVED

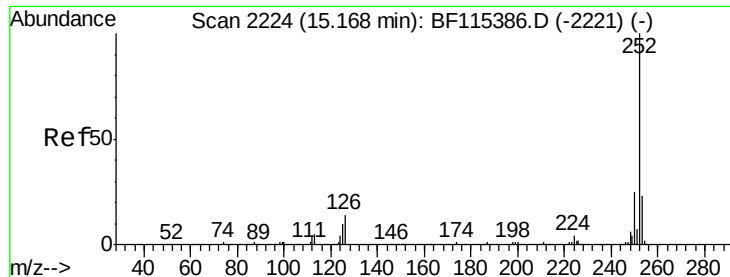
mohammad
 7/8/2019 2:12:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 41.403 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.3	9.0	13.6





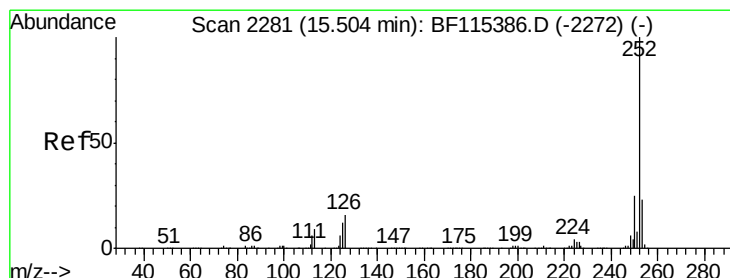
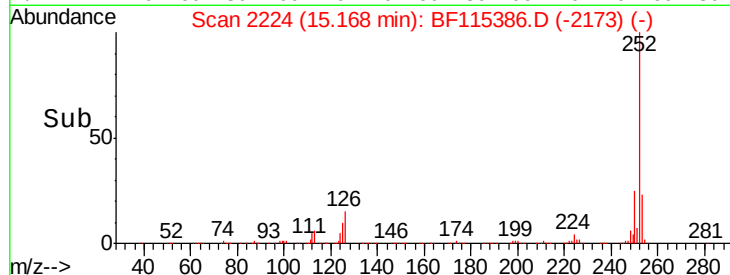
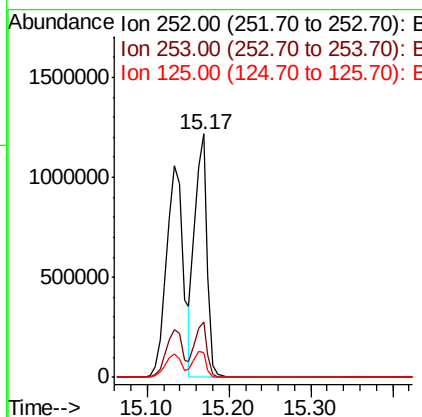
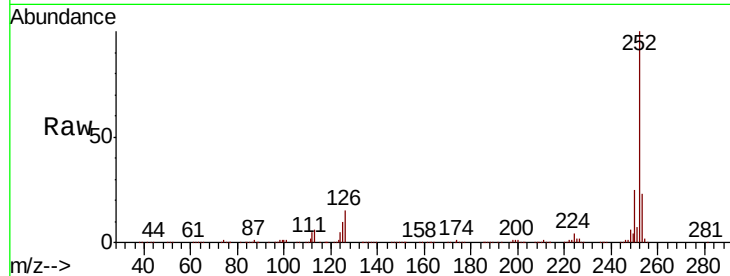
#89
Benzo(k)fluoranthene
Concen: 38.793 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.4	8.3	12.5

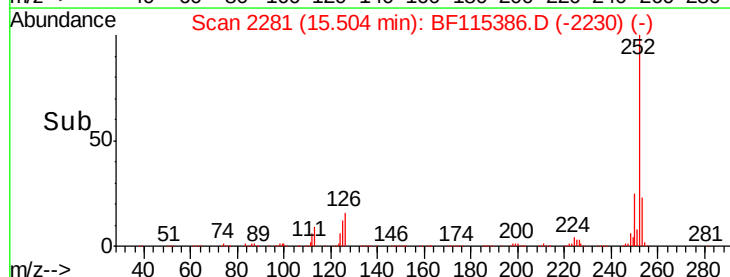
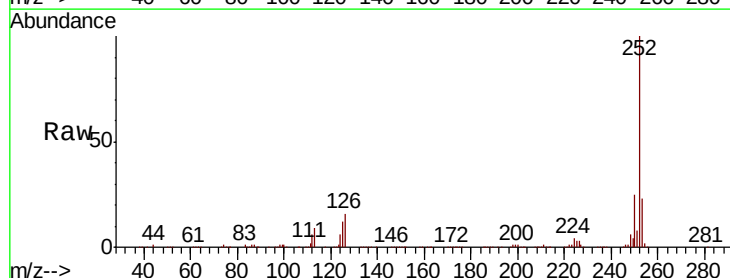
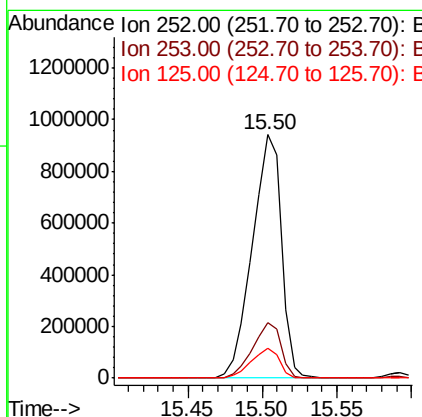
Manual Integrations
APPROVED

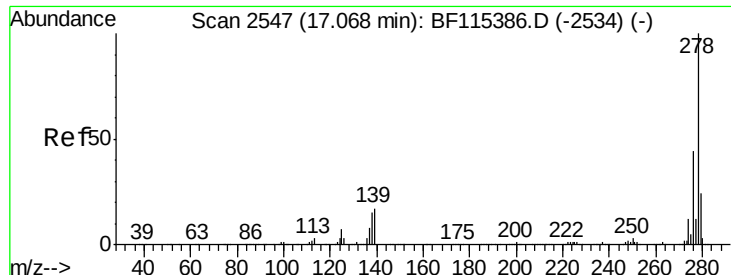
mohammad
7/8/2019 2:12:43 PM



#90
Benzo(a)pyrene
Concen: 38.663 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	12.5	10.0	15.0





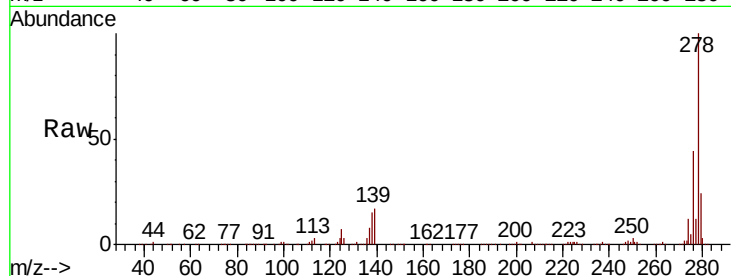
#91
Dibenzo(a,h)anthracene
Concen: 33.459 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

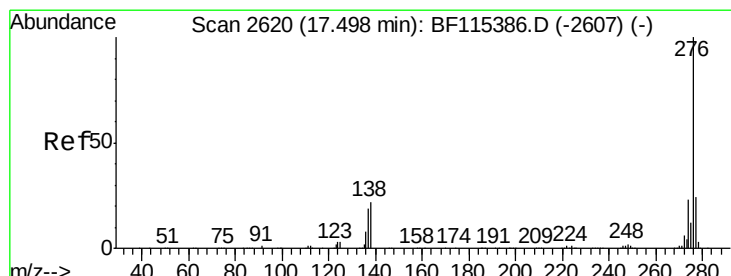
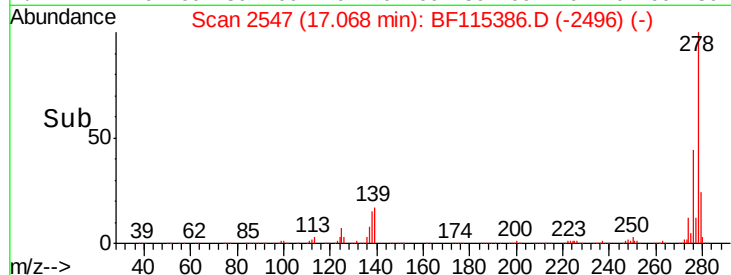
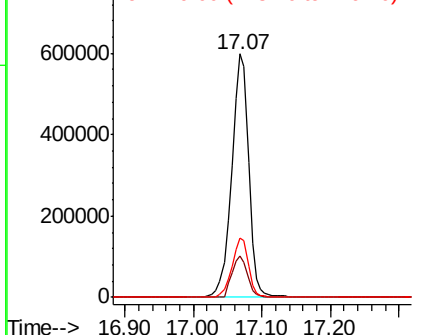
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.4	20.2
279	24.2	19.4	29.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:12:43 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 30.053 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.2	17.8	26.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

