

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115076.D
 Acq On : 21 Jun 2019 13:45
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:03 PM

Quant Time: Jun 21 17:49:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	182903	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	764628	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	377616	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	735286	20.00	ng	0.00
76) Chrysene-d12	13.74	240	568792	20.00	ng	0.00
87) Perylene-d12	15.11	264	610188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	277034	25.29	ng	0.00
7) Phenol-d6	6.24	99	344164	26.05	ng	-0.01
23) Nitrobenzene-d5	7.17	82	273406	21.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	90594	22.40	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.70	244	686030	22.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	60996	11.896	ng	97
3) Pyridine	2.85	79	167341	11.592	ng	99
4) n-Nitrosodimethylamine	2.77	42	66250	12.927	ng	92
6) Aniline	6.27	93	230261	13.013	ng	97
8) 2-Chlorophenol	6.40	128	151467	12.195	ng	98
9) Benzaldehyde	6.15	77	116890	15.388	ng	99
10) Phenol	6.25	94	198428	13.422	ng	85
11) bis(2-Chloroethyl)ether	6.35	93	145087	12.645	ng	98
12) 1,3-Dichlorobenzene	6.55	146	173847	11.983	ng	99
13) 1,4-Dichlorobenzene	6.63	146	173417	11.890	ng	99
14) 1,2-Dichlorobenzene	6.78	146	164610	11.988	ng	99
15) Benzyl Alcohol	6.75	79	126664	12.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	209523	13.643	ng	98
17) 2-Methylphenol	6.87	107	122341	11.809	ng	99
18) Hexachloroethane	7.13	117	60532	11.492	ng	94
19) n-Nitroso-di-n-propylamine	7.03	70	107292	13.365	ng	97
20) 3+4-Methylphenols	7.02	107	159993	12.976	ng	# 84
22) Acetophenone	7.02	105	211507	12.220	ng	# 97
24) Nitrobenzene	7.19	77	152413	11.792	ng	95
25) Isophorone	7.44	82	286953	12.061	ng	97
26) 2-Nitrophenol	7.51	139	62130	8.624	ng	98
27) 2,4-Dimethylphenol	7.55	122	125138	12.041	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	184635	12.096	ng	99
29) 2,4-Dichlorophenol	7.75	162	126098	11.486	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	141856	11.182	ng	99
31) Naphthalene	7.92	128	463376	12.808	ng	98
32) Benzoic acid	7.62	122	66902	8.897	ng	99
33) 4-Chloroaniline	7.97	127	193992	11.616	ng	100
34) Hexachlorobutadiene	8.05	225	80310	11.389	ng	100
35) Caprolactam	8.30	113	38993	10.664	ng	97
36) 4-Chloro-3-methylphenol	8.44	107	128700	11.632	ng	97
37) 2-Methylnaphthalene	8.61	142	310203	12.856	ng	99
38) 1-Methylnaphthalene	8.71	142	295009	12.936	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	128972	11.561	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115076.D
 Acq On : 21 Jun 2019 13:45
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

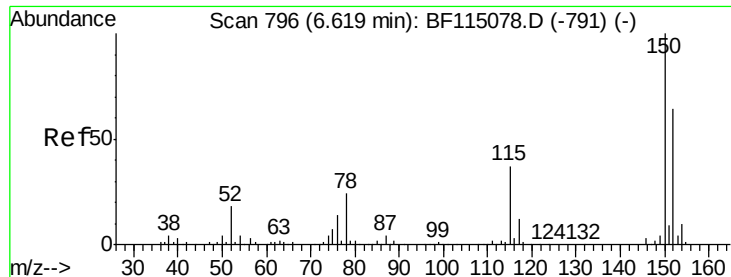
Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:03 PM

Quant Time: Jun 21 17:49:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	71350	12.979	nq	97
43) 2,4,6-Trichlorophenol	8.88	196	89131	10.697	nq	98
44) 2,4,5-Trichlorophenol	8.92	196	92319	10.963	nq	99
46) 1,1'-Biphenyl	9.07	154	370951	12.259	nq	98
47) 2-Chloronaphthalene	9.09	162	292885	11.969	nq	97
48) 2-Nitroaniline	9.18	65	69804	9.651	nq	95
49) Acenaphthylene	9.51	152	468732	12.459	nq	98
50) Dimethylphthalate	9.38	163	327475	11.532	nq	98
51) 2,6-Dinitrotoluene	9.42	165	64652	10.036	nq	87
52) Acenaphthene	9.68	154	286071	13.290	nq	99
53) 3-Nitroaniline	9.59	138	81497	10.326	nq	99
54) 2,4-Dinitrophenol	9.69	184	18822	6.024	nq	# 49
55) Dibenzofuran	9.85	168	410582	12.656	nq	97
56) 4-Nitrophenol	9.74	139	61421	11.285	nq	99
57) 2,4-Dinitrotoluene	9.82	165	80821	9.857	nq	93
58) Fluorene	10.19	166	317007	13.361	nq	96
59) 2,3,4,6-Tetrachlorophenol	9.97	232	79395	11.672	nq	98
60) Diethylphthalate	10.08	149	325222	11.977	nq	98
61) 4-Chlorophenyl-phenylether	10.19	204	152473	13.019	nq	98
62) 4-Nitroaniline	10.19	138	78057	9.836	nq	96
63) Azobenzene	10.35	77	315704	13.290	nq	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	26097	6.332	nq	71
66) n-Nitrosodiphenylamine	10.30	169	273364	12.438	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	91190	11.551	nq	96
68) Hexachlorobenzene	10.74	284	100981	11.618	nq	98
69) Atrazine	10.83	200	84156	11.876	nq	99
70) Pentachlorophenol	10.92	266	56874	12.049	nq	97
71) Phenanthrene	11.14	178	483568	12.738	nq	97
72) Anthracene	11.20	178	485002	12.663	nq	98
73) Carbazole	11.34	167	433676	12.973	nq	98
74) Di-n-butylphthalate	11.70	149	507239	12.036	nq	99
75) Fluoranthene	12.32	202	486668	12.537	nq	98
77) Benzidine	12.45	184	301928	13.124	nq	98
78) Pyrene	12.55	202	504684	9.740	nq	97
80) Butylbenzylphthalate	13.19	149	192766	7.965	nq	97
81) Benzo(a)anthracene	13.73	228	445929	10.477	nq	98
82) 3,3'-Dichlorobenzidine	13.70	252	158953	9.741	nq	99
83) Chrysene	13.77	228	433853	10.250	nq	98
84) Bis(2-ethylhexyl)phthalate	13.76	149	278690	9.743	nq	98
85) Di-n-octyl phthalate	14.37	149	455680	9.251	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	449629	12.093	nq	99
88) Benzo(b)fluoranthene	14.73	252	410024	10.108	nq	99
89) Benzo(k)fluoranthene	14.76	252	414164m	11.633	nq	
90) Benzo(a)pyrene	15.05	252	386194	11.034	nq	97
91) Dibenzo(a,h)anthracene	16.40	278	369736	12.266	nq	97
92) Benzo(g,h,i)perylene	16.76	276	367146	11.943	nq	99

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



#1

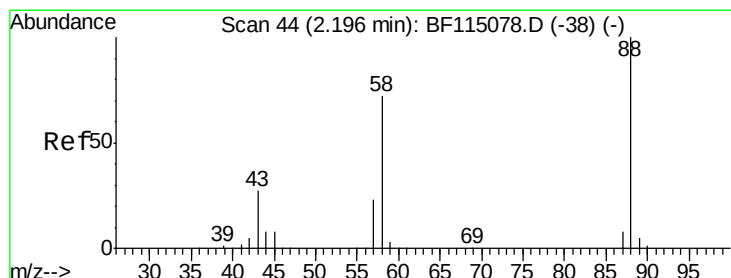
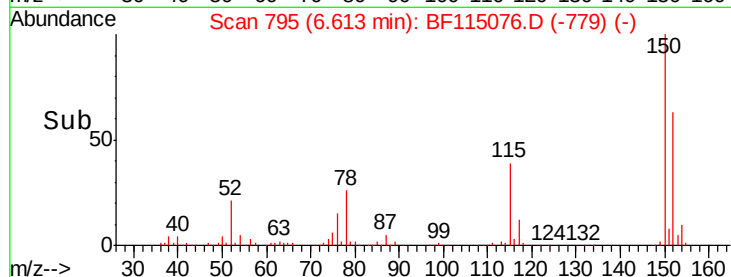
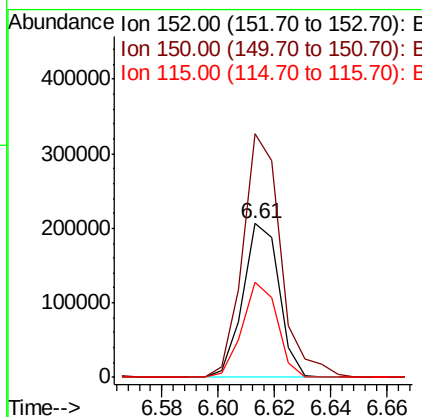
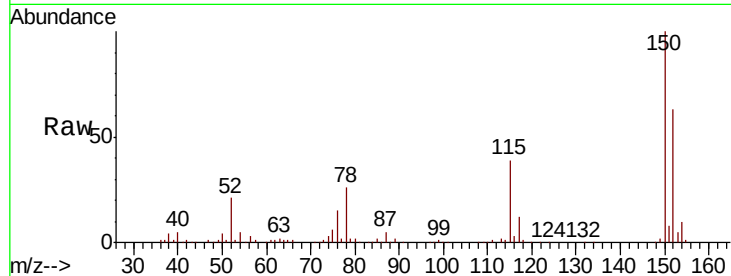
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.2	186.2
115	62.1	46.1	69.1

Manual Integrations
APPROVED

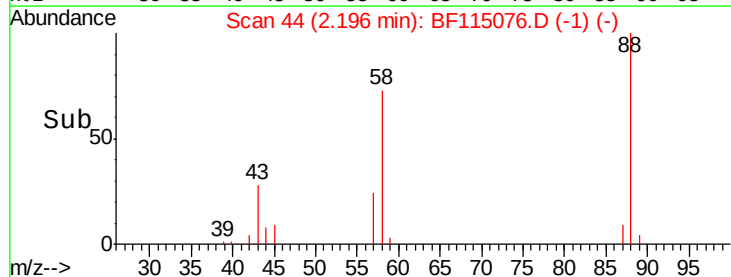
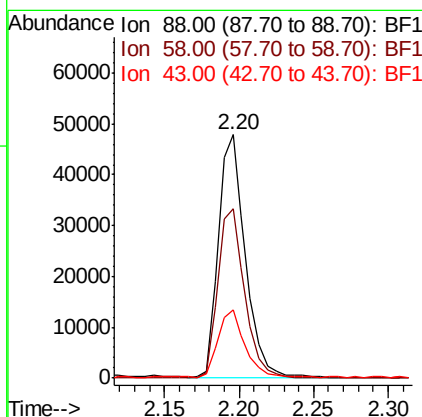
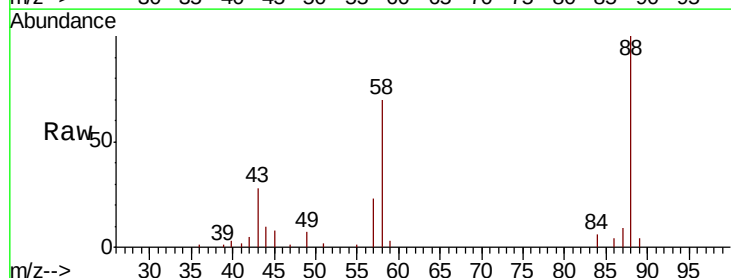
mohammad
6/25/2019 12:41:03 PM

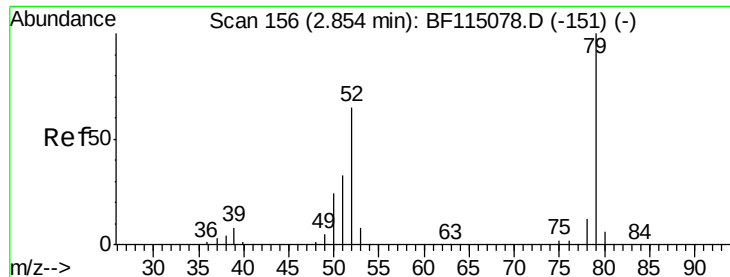


#2

1,4-Dioxane
Concen: 11.896 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	56.1	84.1
43	28.6	21.3	31.9





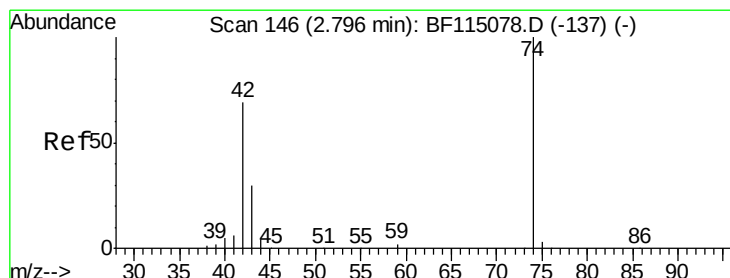
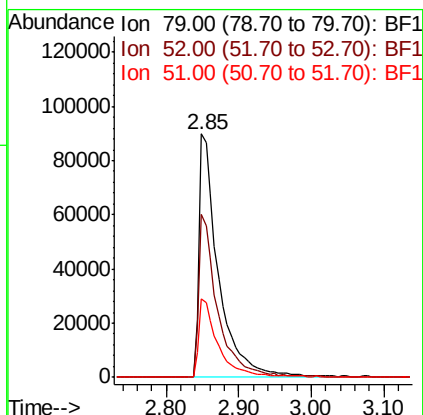
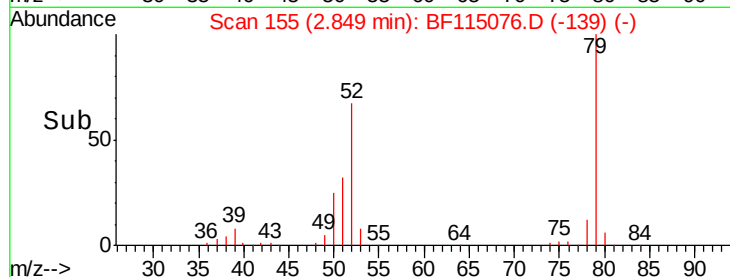
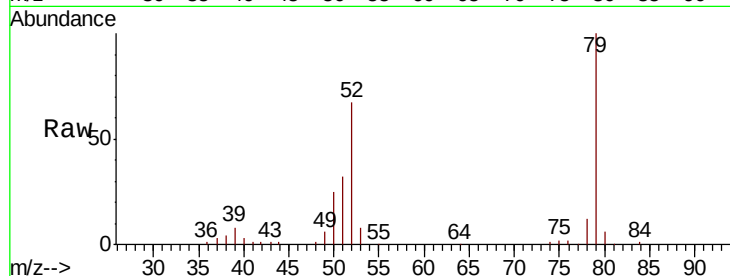
#3
Pvridine
Concen: 11.592 ng
RT: 2.85 min Scan# 155
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.7	52.3	78.5
51	32.2	26.1	39.1

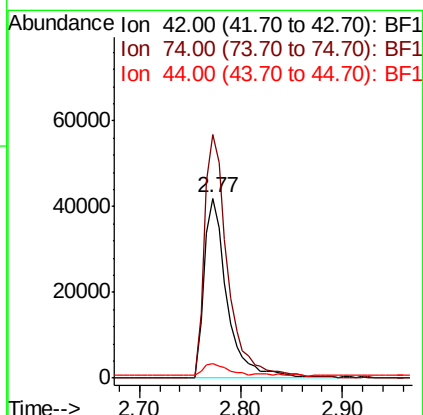
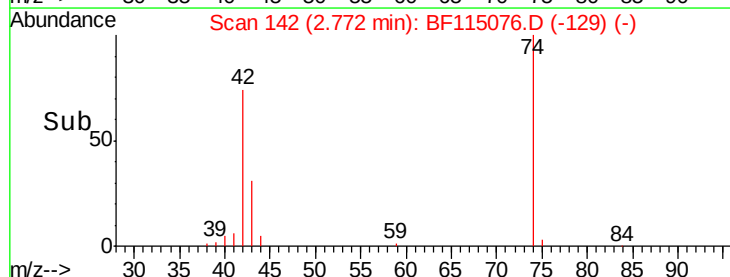
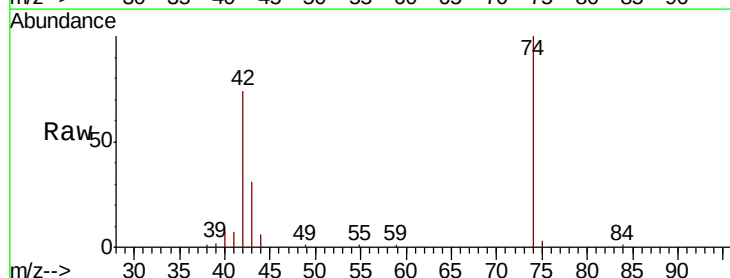
Manual Integrations
APPROVED

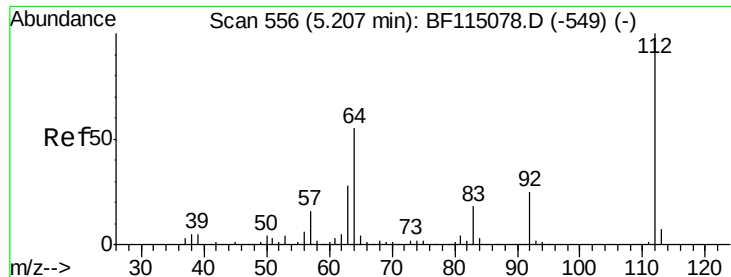
mohammad
6/25/2019 12:41:03 PM



#4
n-Nitrosodimethylamine
Concen: 12.927 ng
RT: 2.77 min Scan# 142
Delta R.T. -0.02 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.5	116.6	175.0
44	7.8	5.3	7.9





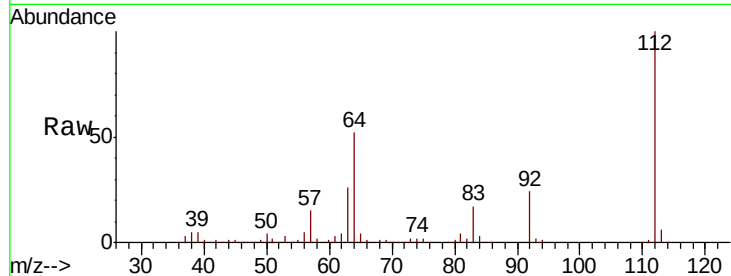
#5
2-Fluorophenol
Concen: 25.291 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleID :
SSTDIC010

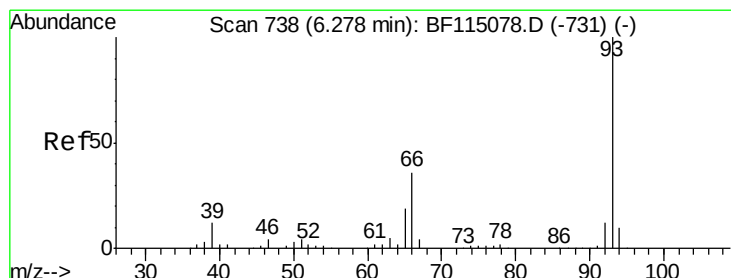
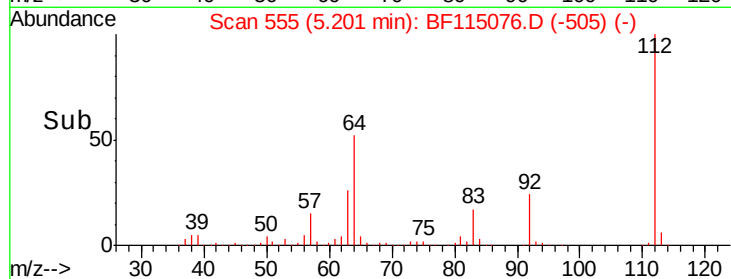
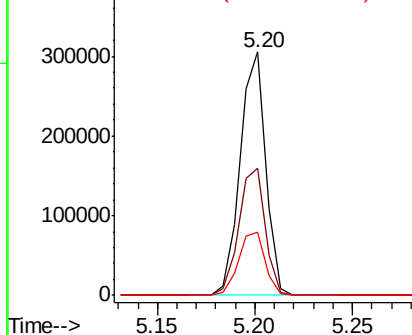
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.2	43.8	65.6
63	26.0	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

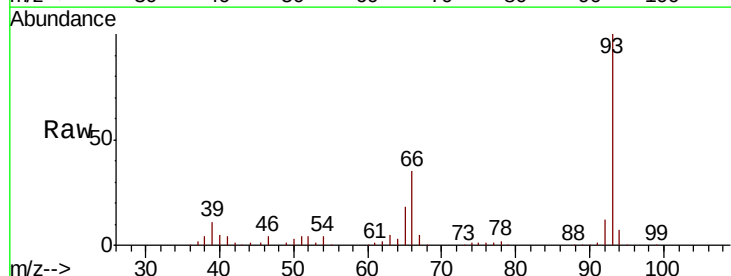


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

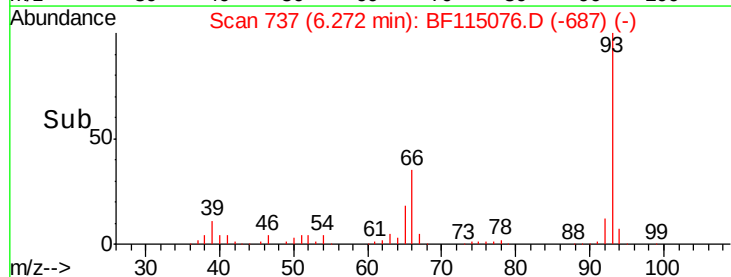
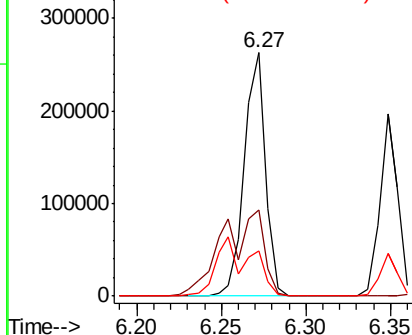


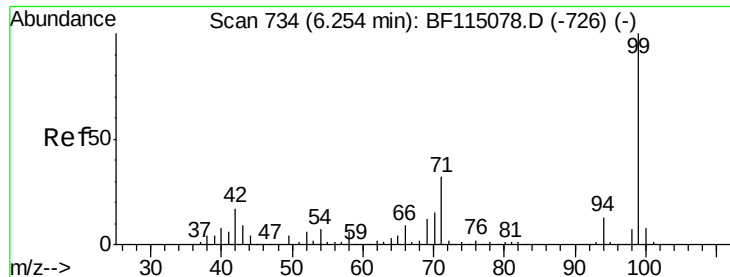
#6
Aniline
Concen: 13.013 ng
RT: 6.27 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	35.4	30.0	45.0
65	18.5	15.6	23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 26.047 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

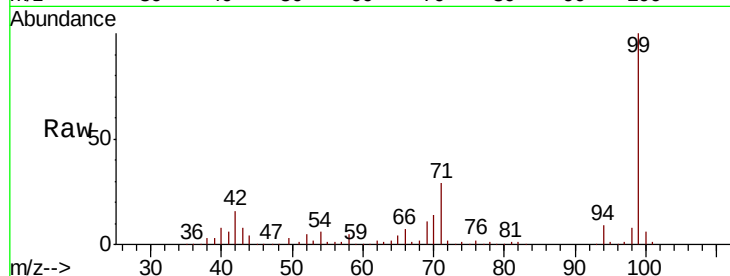
ClientSampleId :

SSTDIC010

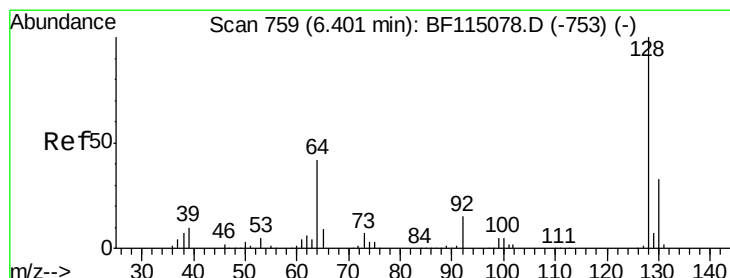
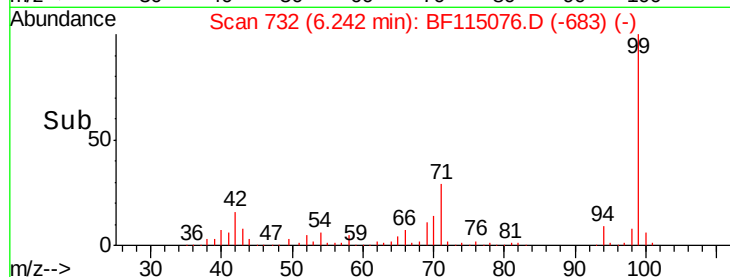
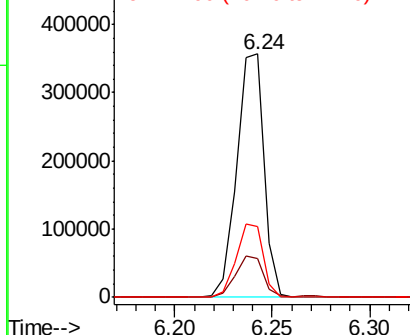
Tot Ion:	99	Resp:	344164
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.6	20.4
71	29.1	25.5	38.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 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: 12.195 ng

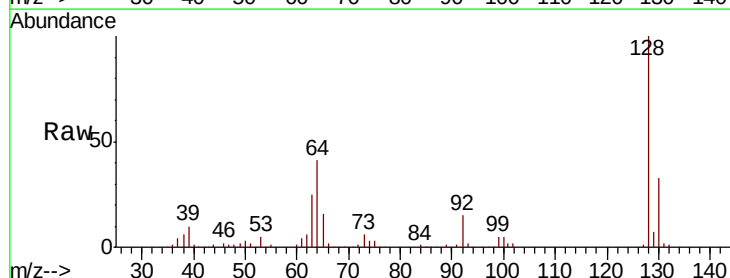
RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

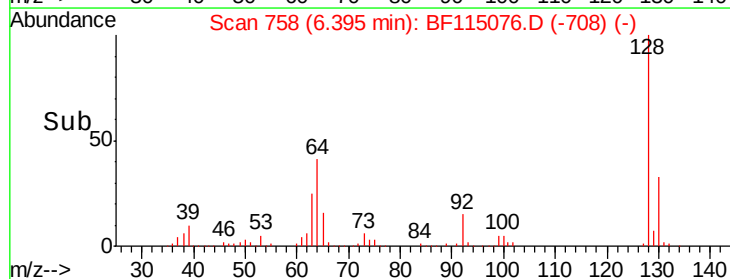
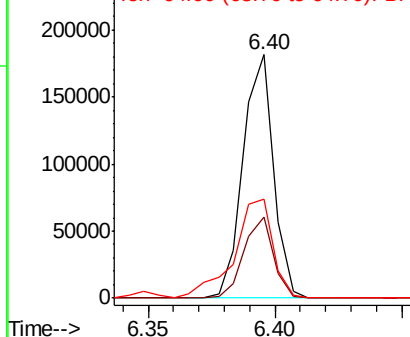
Lab File: BF115076.D

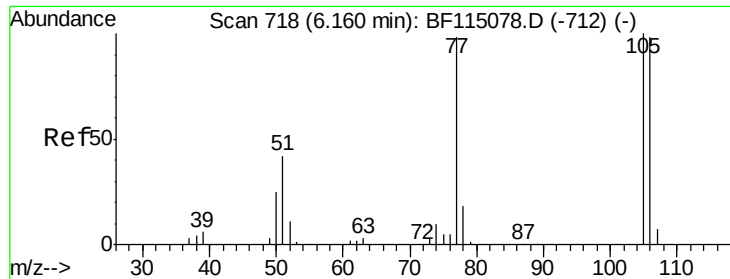
Acq: 21 Jun 2019 13:45

Tgt Ion:	128	Resp:	151467
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.9	52.9
64	40.8	22.9	62.9



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





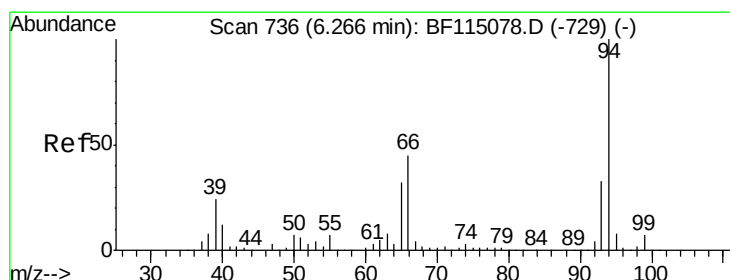
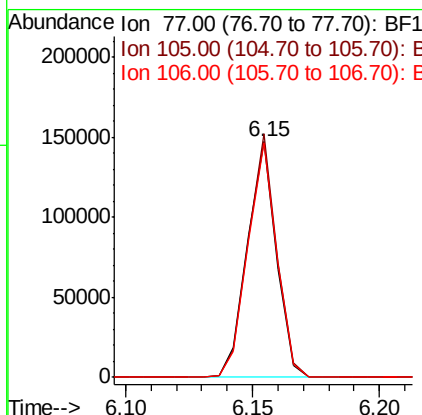
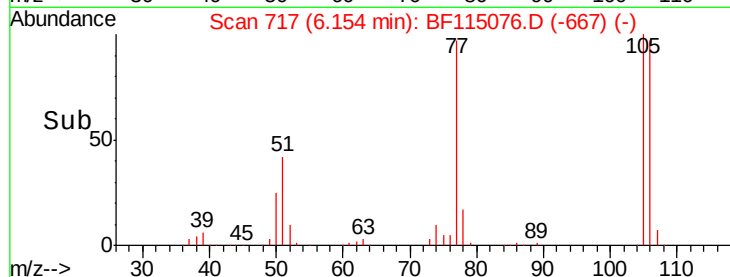
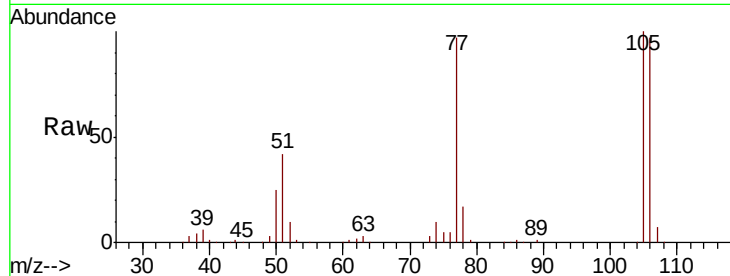
#9
Benzaldehyde
Concen: 15.388 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.3	81.5	121.5
106	99.7	79.7	119.7

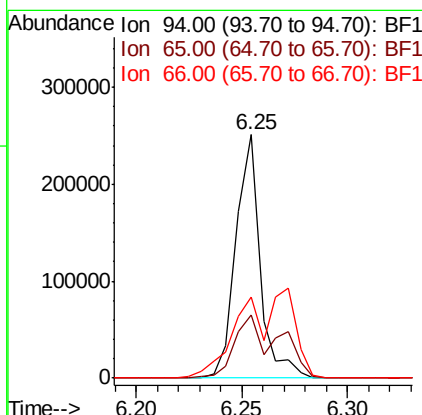
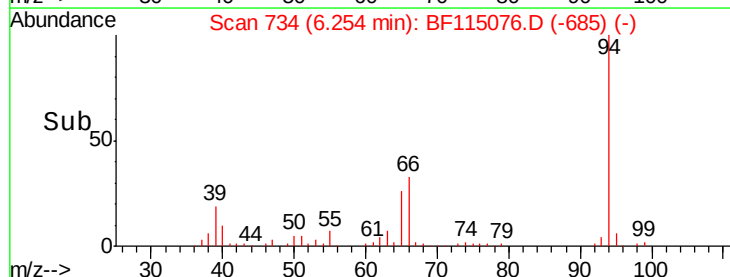
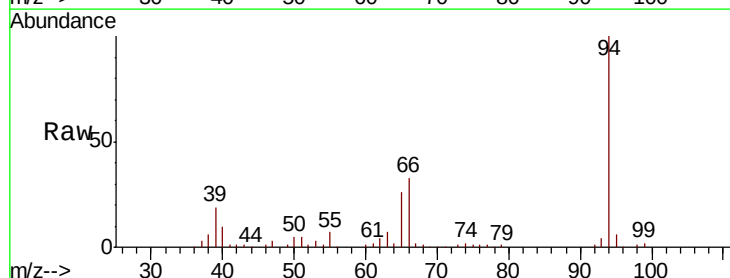
Manual Integrations
APPROVED

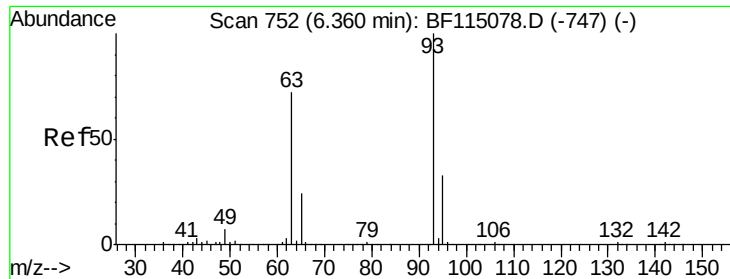
mohammad
6/25/2019 12:41:03 PM



#10
Phenol
Concen: 13.422 ng
RT: 6.25 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.7	11.9	51.9
66	33.2	25.2	65.2





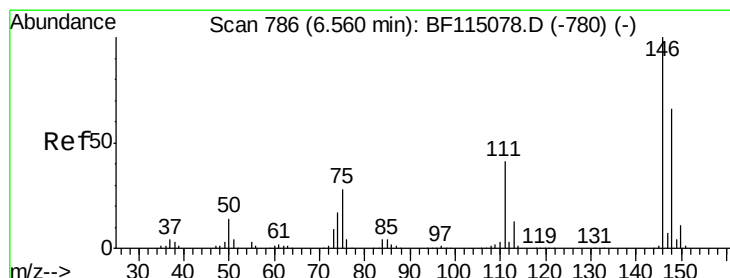
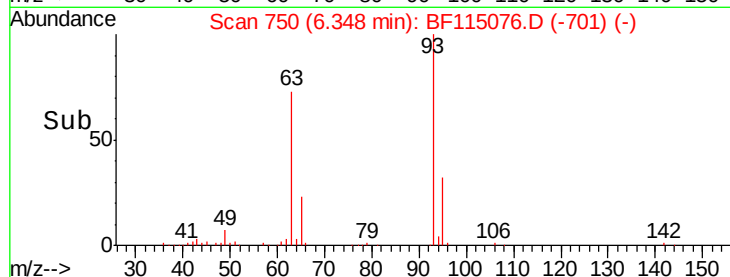
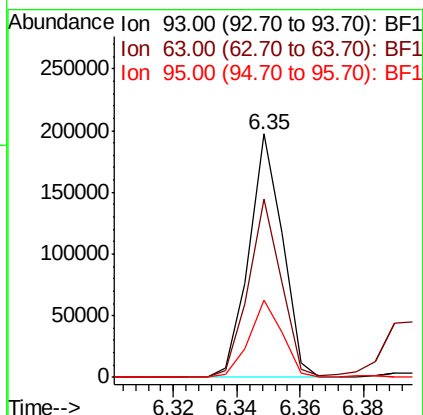
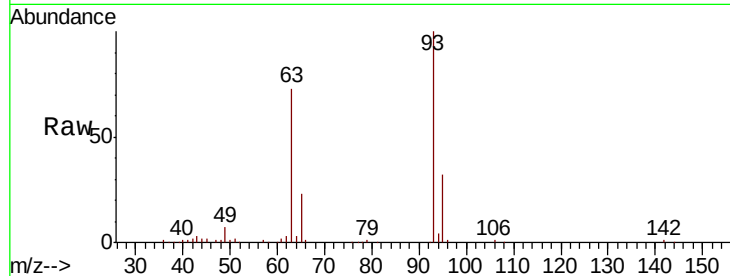
#11
bis(2-Chloroethyl)ether
Concen: 12.645 ng
RT: 6.35 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	51.5	91.5
95	31.8	13.4	53.4

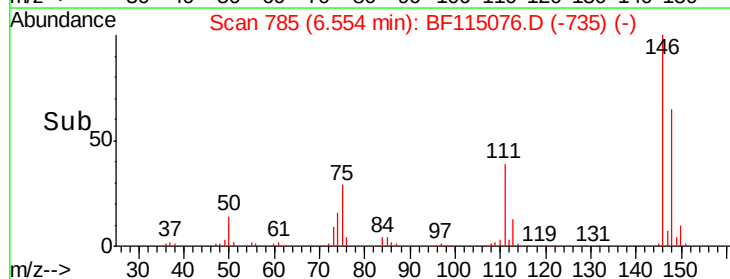
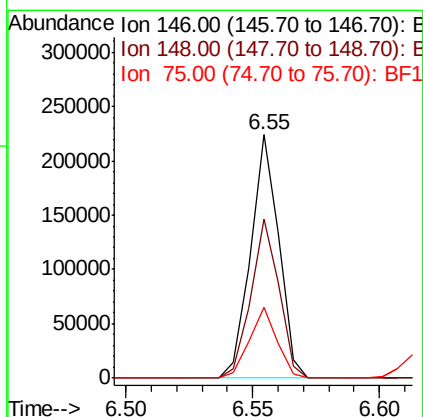
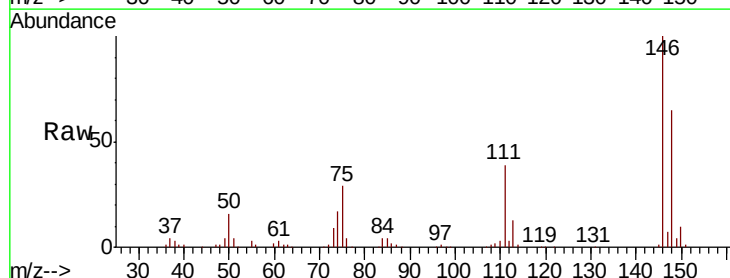
Manual Integrations
APPROVED

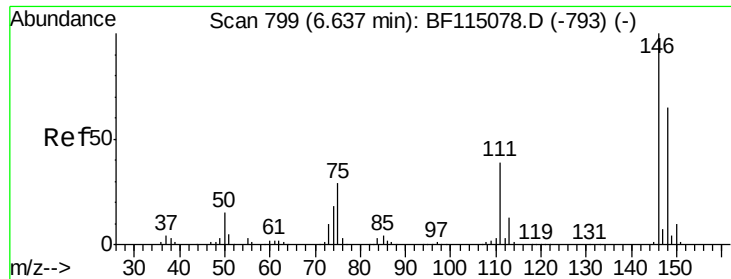
mohammad
6/25/2019 12:41:03 PM



#12
1,3-Dichlorobenzene
Concen: 11.983 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
75	29.1	22.6	34.0





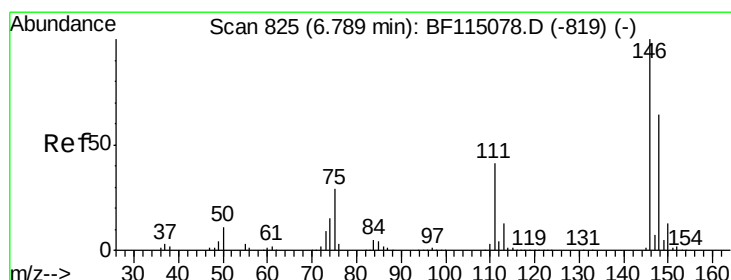
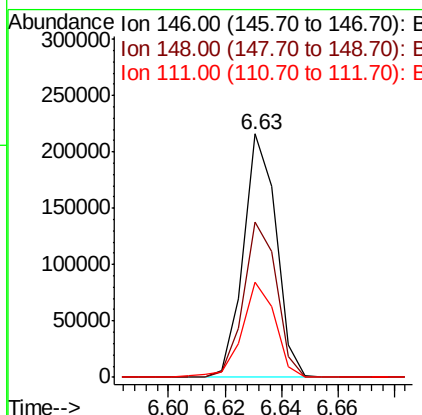
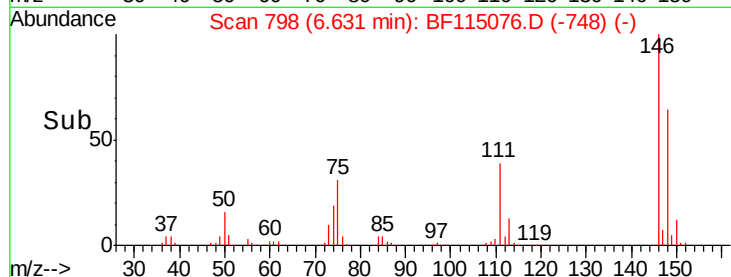
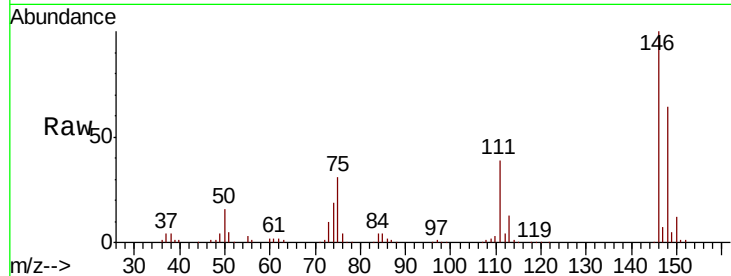
#13
 1,4-Dichlorobenzene
 Concen: 11.890 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	39.3	31.4	47.0

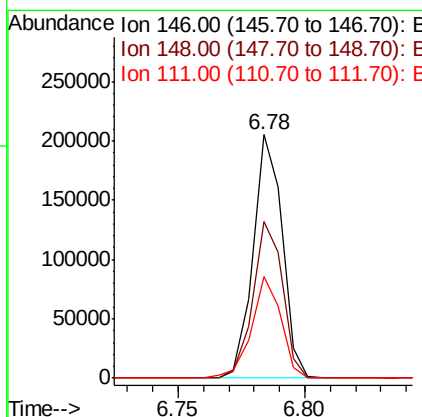
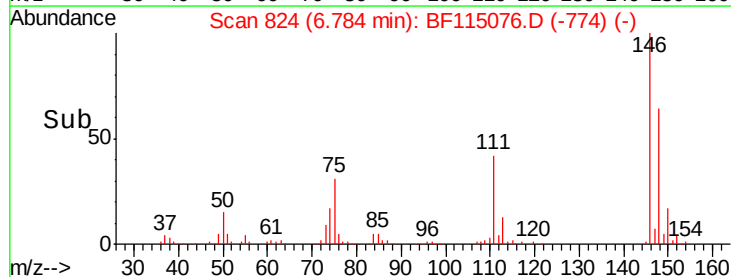
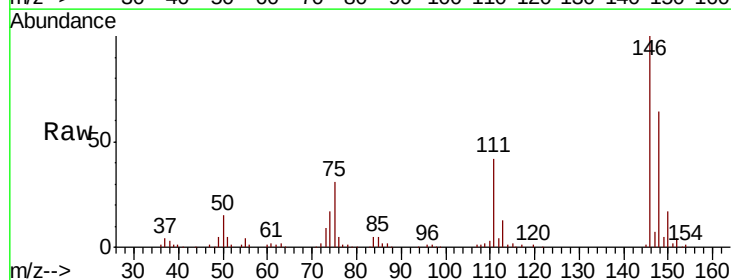
Manual Integrations
 APPROVED

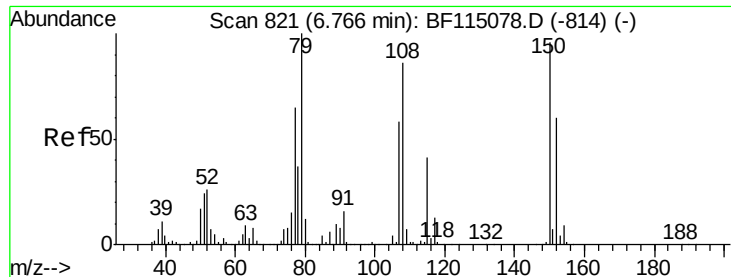
mohammad
 6/25/2019 12:41:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 11.988 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	41.6	33.2	49.8





#15

Benzyl Alcohol

Concen: 12.795 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

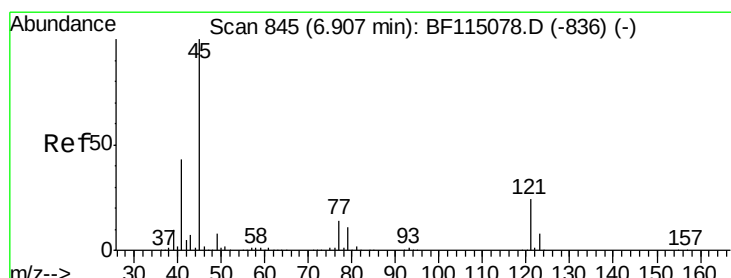
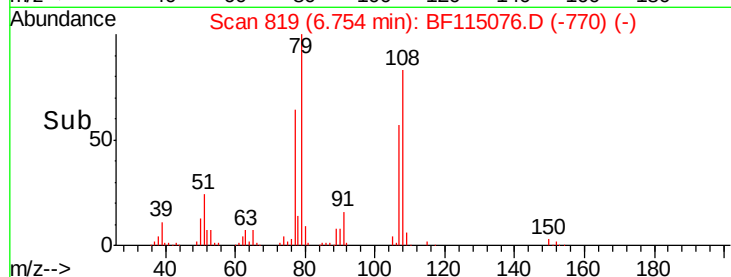
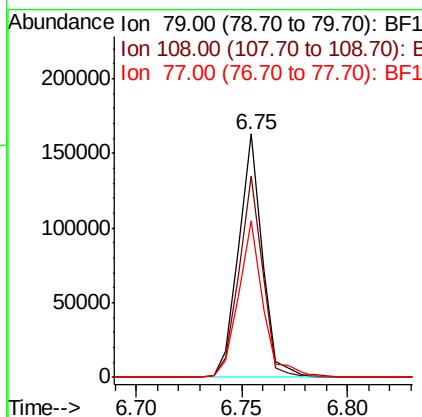
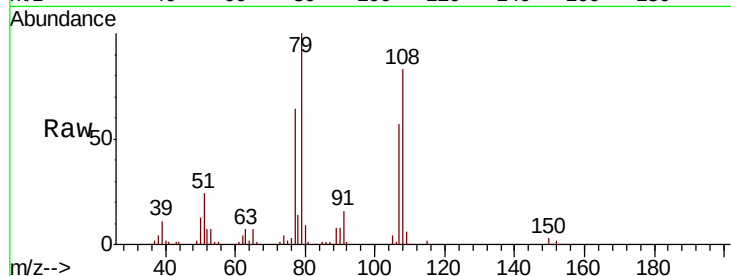
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	126664
Ion	Ratio	Lower	Upper
79	100		
108	82.6	68.7	103.1
77	64.2	51.7	77.5

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 13.643 ng

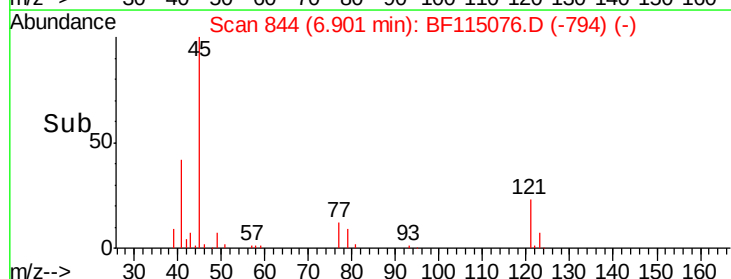
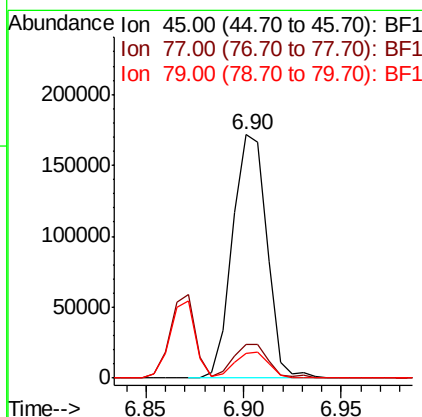
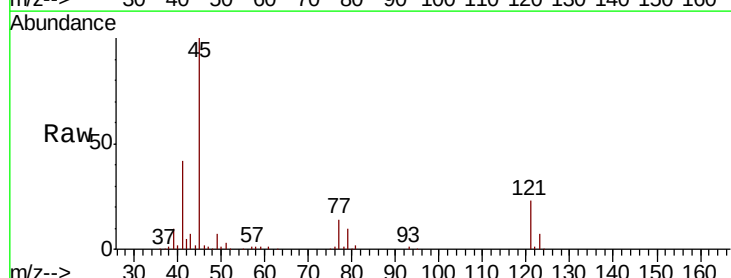
RT: 6.90 min Scan# 844

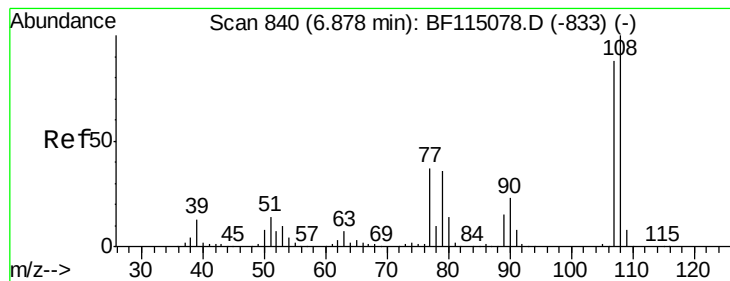
Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:	45	Resp:	209523
Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	34.6
79	10.1	0.0	31.2





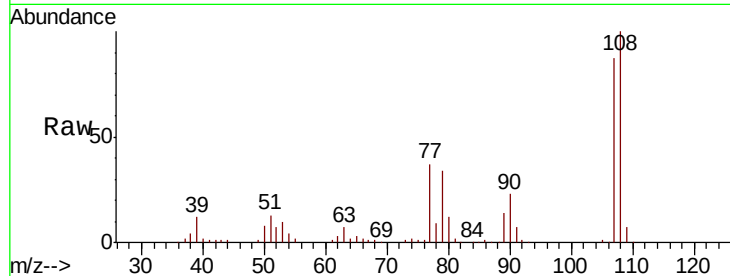
#17
2-Methylphenol
Concen: 11.809 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleID :
SSTDIC010

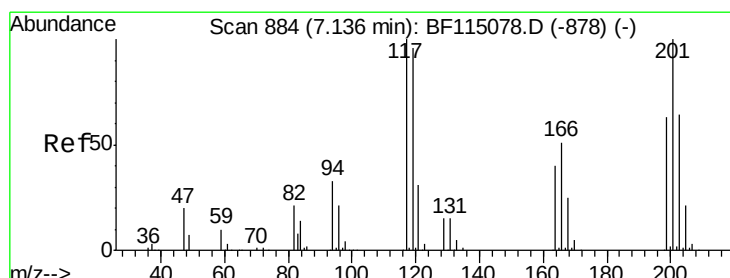
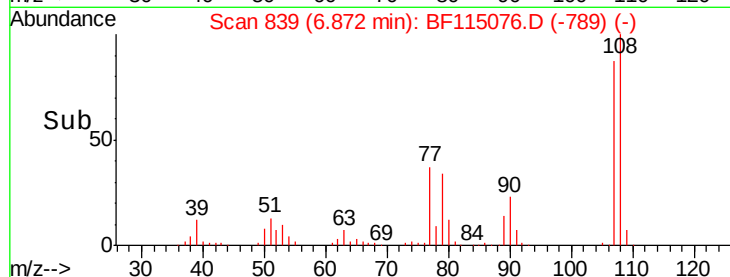
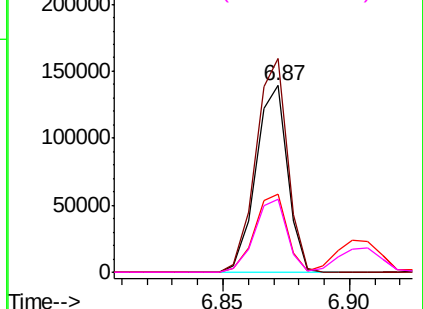
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	42.1	33.4	50.2
79	39.1	32.3	48.5

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

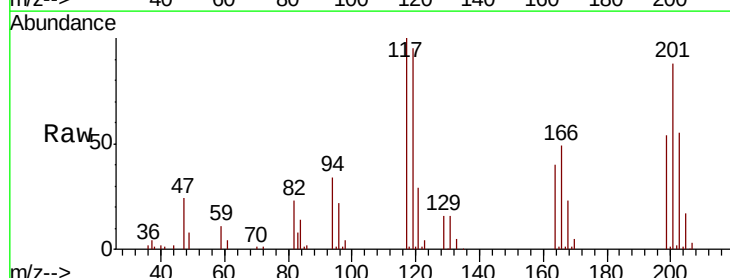


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

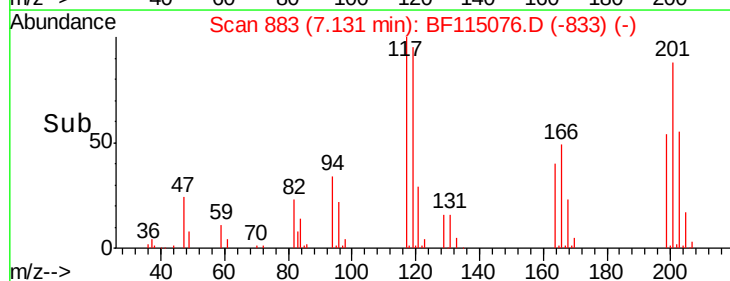
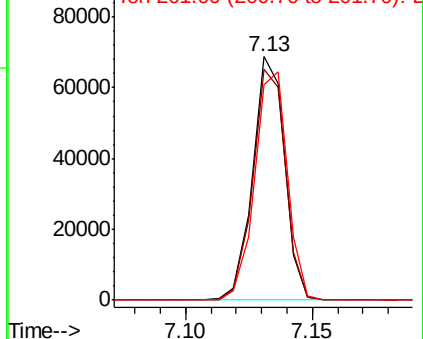


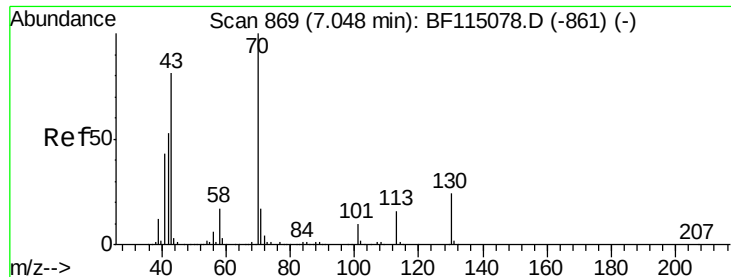
#18
Hexachloroethane
Concen: 11.492 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	88.3	80.2	120.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.365 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion: 70 Resp: 107292

Ion Ratio Lower Upper

70 100

42 55.8 42.6 63.8

101 9.9 8.0 12.0

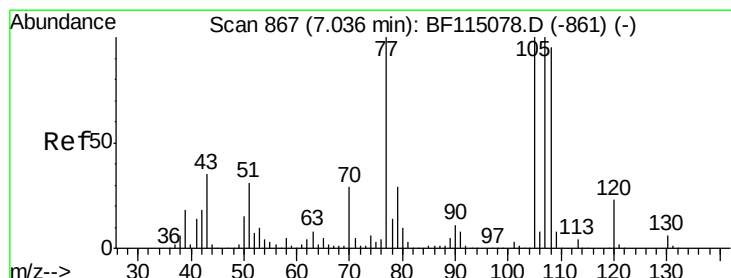
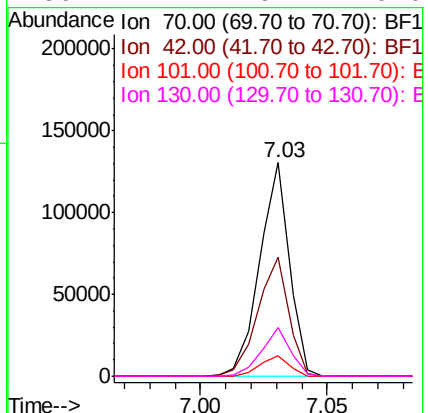
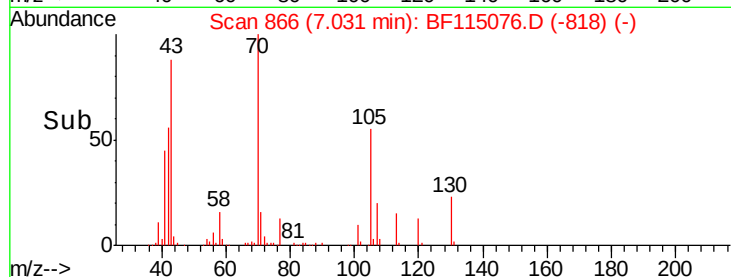
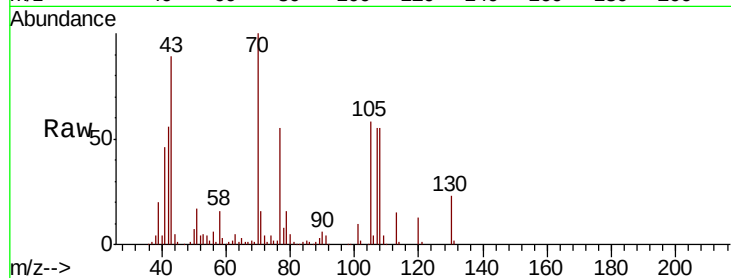
130 22.7 19.4 29.0

Manual Integrations

APPROVED

mohammad

6/25/2019 12:41:03 PM



#20

3+4-Methylphenols

Concen: 12.976 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion: 107 Resp: 159993

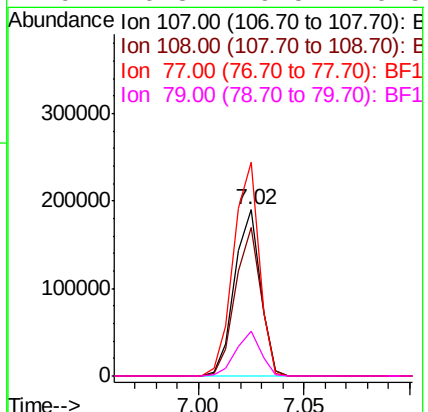
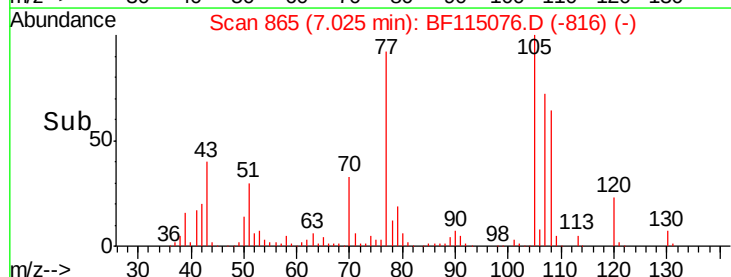
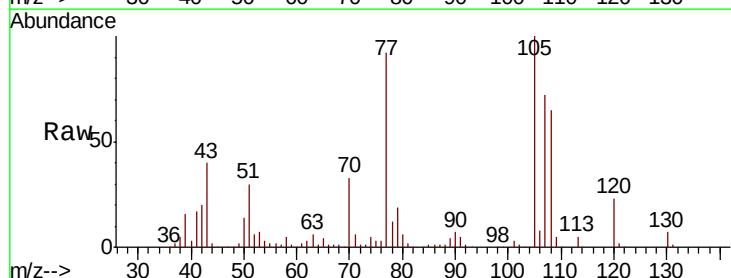
Ion Ratio Lower Upper

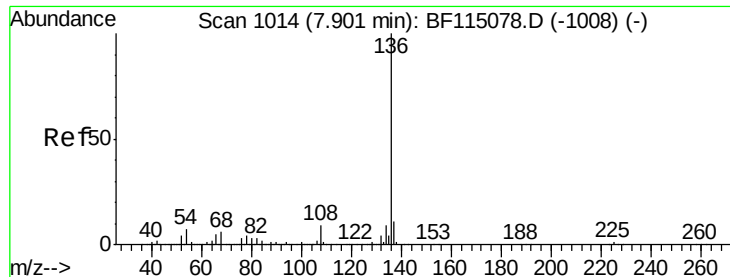
107 100

108 89.8 75.5 115.5

77 128.7 80.2 120.2#

79 26.8 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

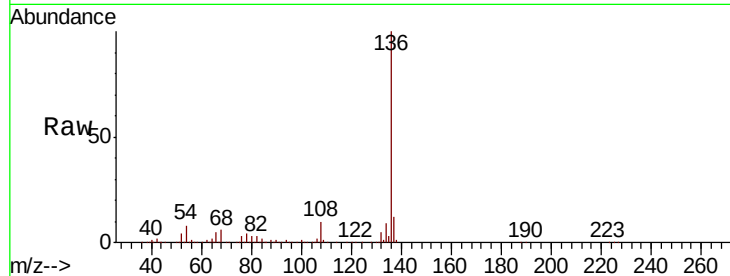
ClientSampleId :

SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		764628		
137	11.6		8.9	13.3	
54	7.7		5.6	8.4	
68	6.4		4.8	7.2	

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



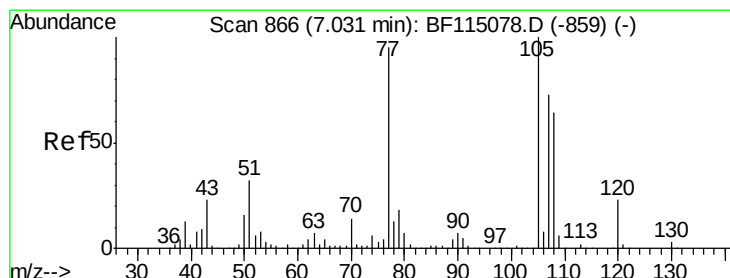
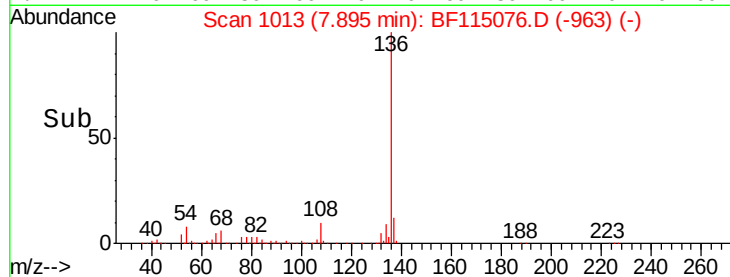
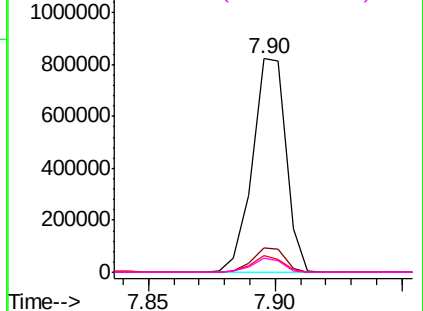
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 12.220 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		211507		
71	5.6		1.9	2.9#	
51	30.2		25.8	38.8	
120	22.6		18.5	27.7	

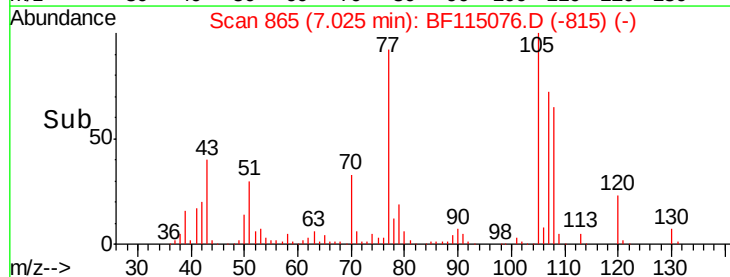
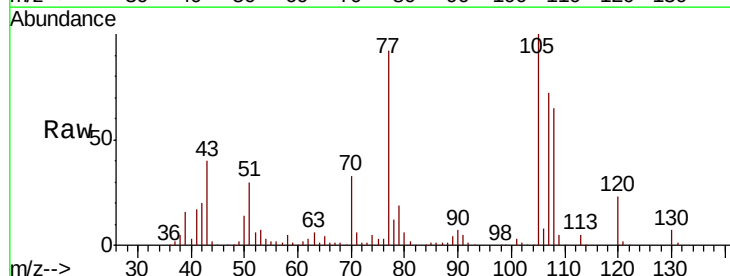
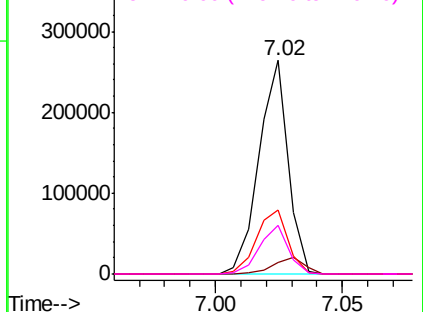
Abundance

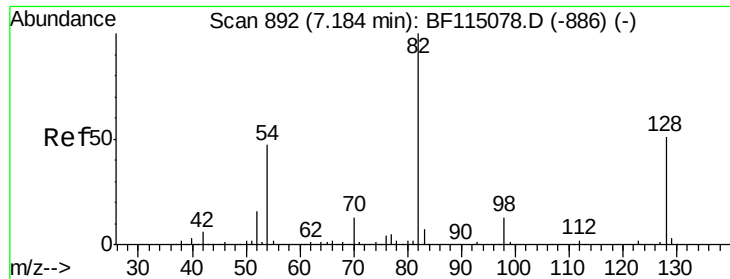
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





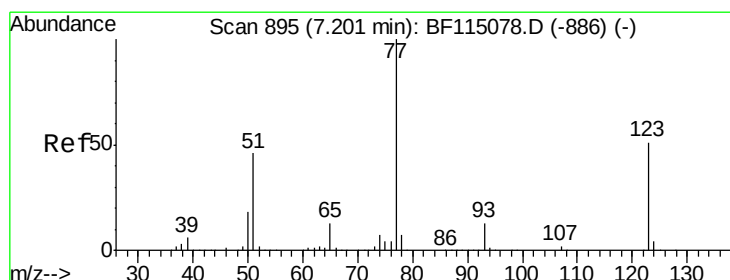
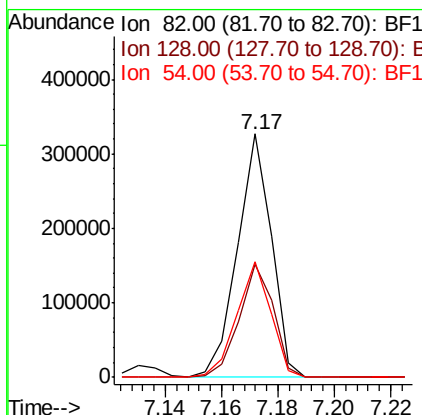
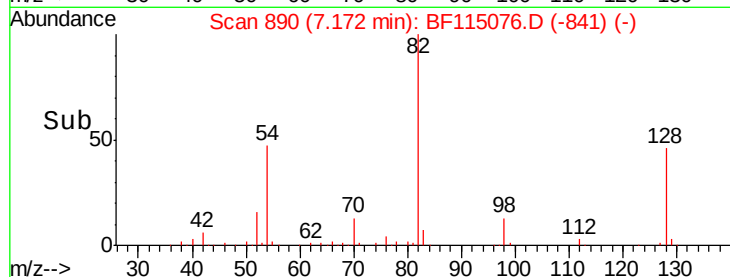
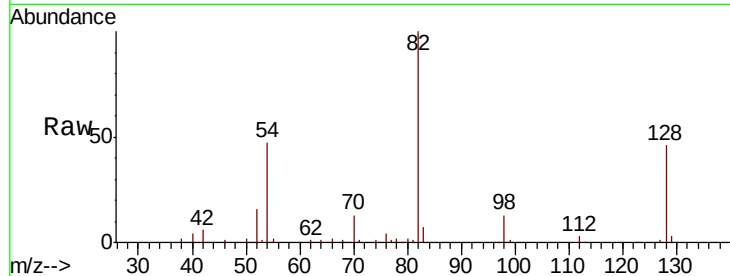
#23
 Nitrobenzene-d5
 Concen: 21.523 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.4	60.6
54	47.4	37.5	56.3

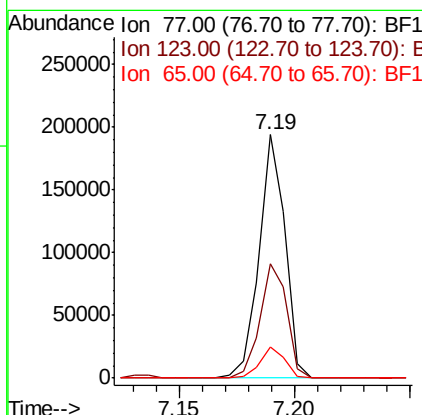
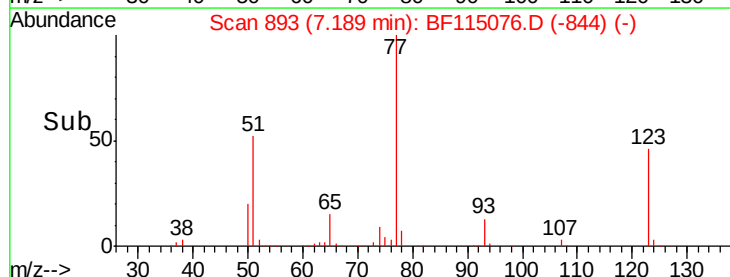
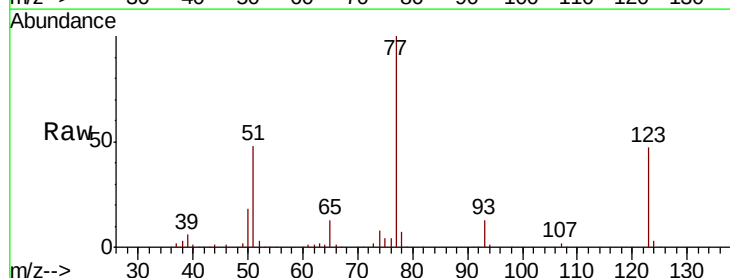
Manual Integrations
 APPROVED

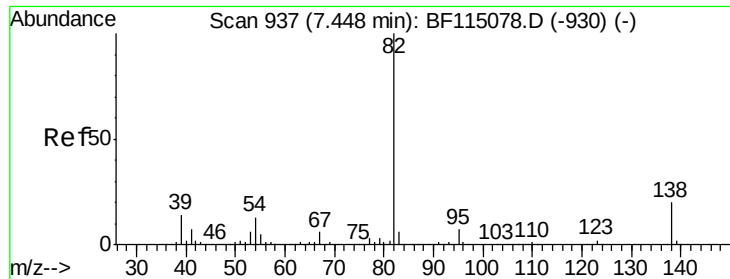
mohammad
 6/25/2019 12:41:03 PM



#24
 Nitrobenzene
 Concen: 11.792 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	41.0	61.6
65	12.8	10.5	15.7





#25

Isophorone

Concen: 12.061 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

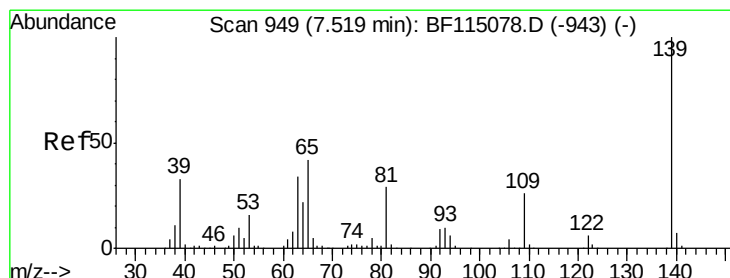
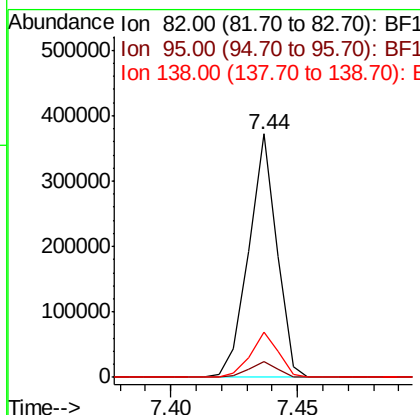
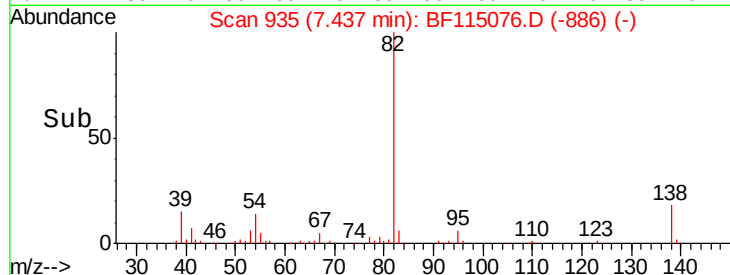
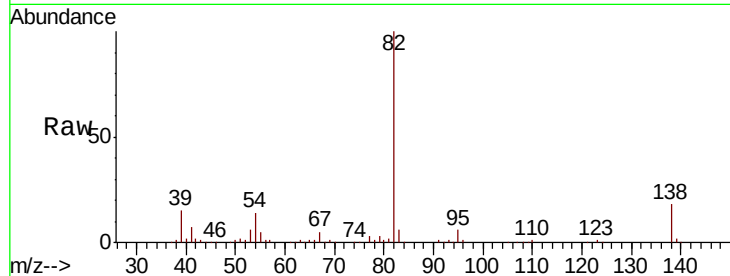
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	286953
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.4	8.2
138	18.5	15.9	23.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



#26

2-Nitrophenol

Concen: 8.624 ng

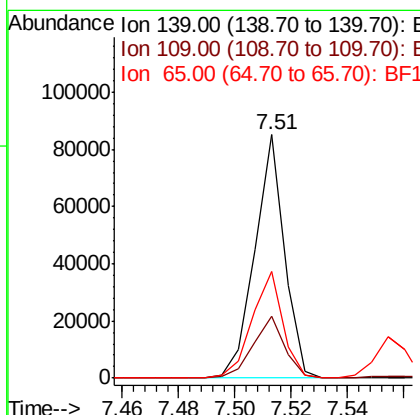
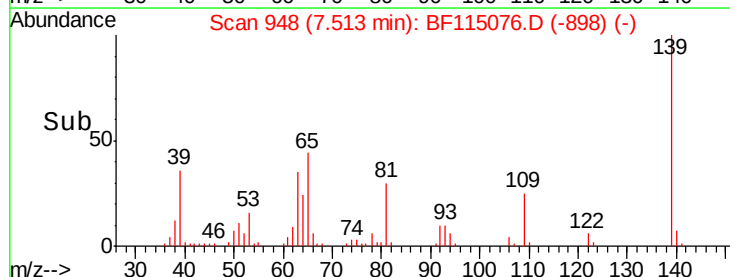
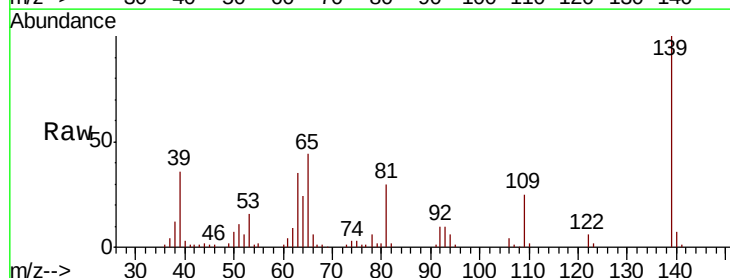
RT: 7.51 min Scan# 948

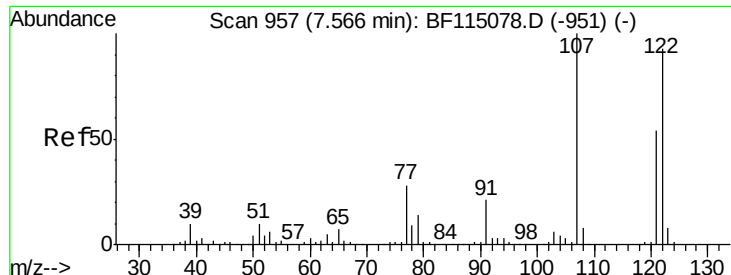
Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:	139	Resp:	62130
Ion Ratio		Lower	Upper
139	100		
109	25.3	20.4	30.6
65	43.7	33.6	50.4





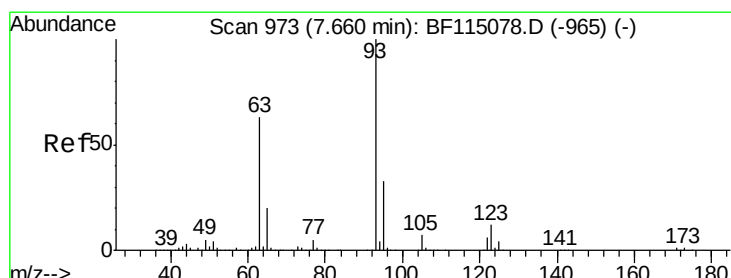
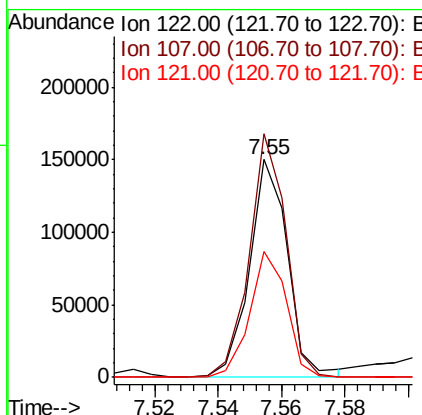
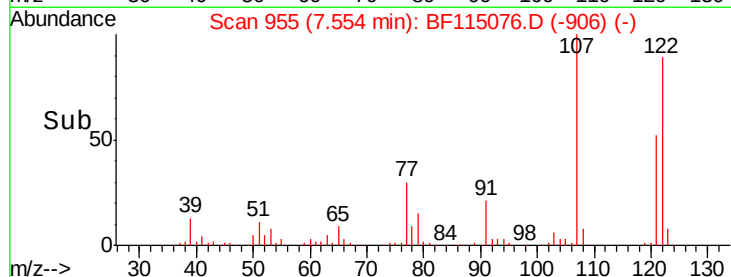
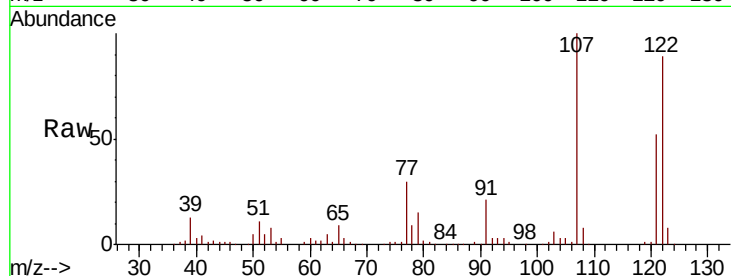
#27
2,4-Dimethylphenol
Concen: 12.041 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
122	100	125138		
107	112.0	85.8	128.6	
121	58.0	46.3	69.5	

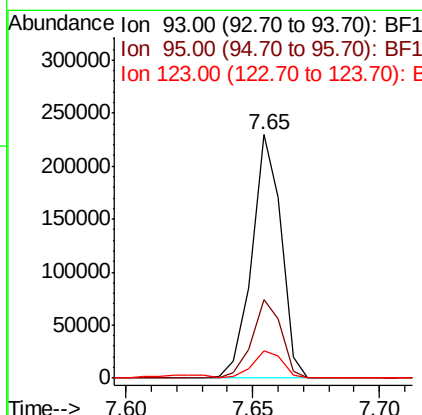
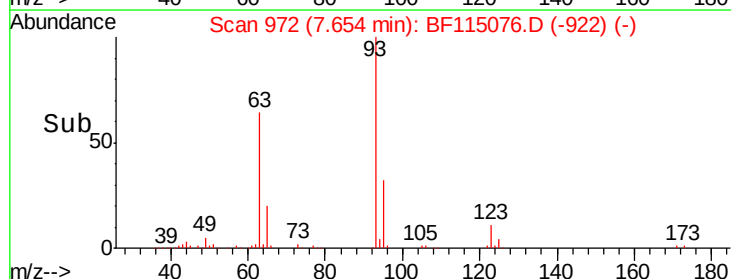
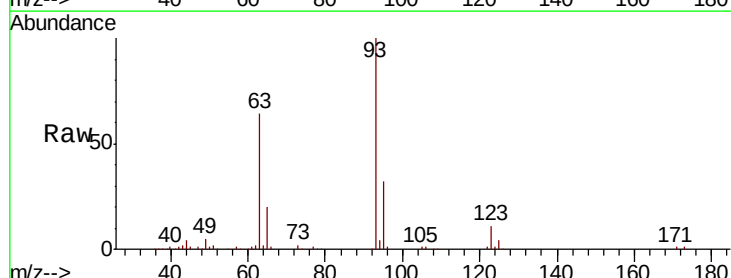
Manual Integrations
APPROVED

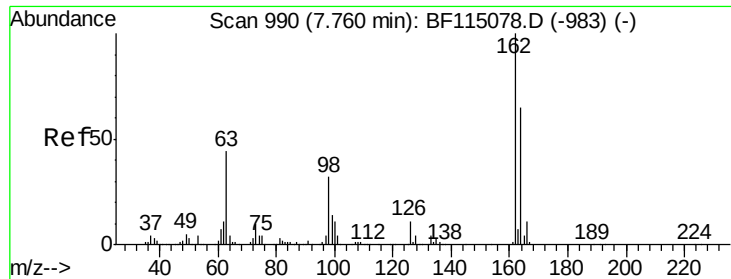
mohammad
6/25/2019 12:41:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 12.096 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184635		
95	32.4	26.2	39.4	
123	11.2	9.7	14.5	





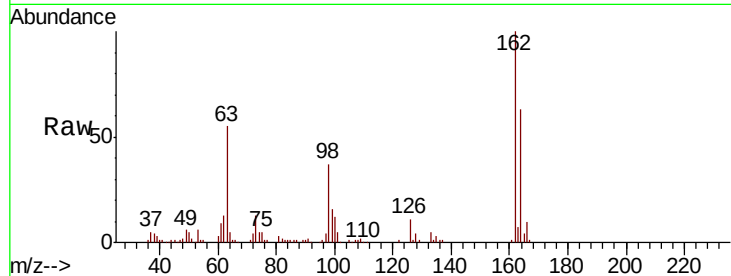
#29
2,4-Dichlorophenol
Concen: 11.486 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126098		
164	62.7	45.3	85.3	
98	37.1	12.5	52.5	

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

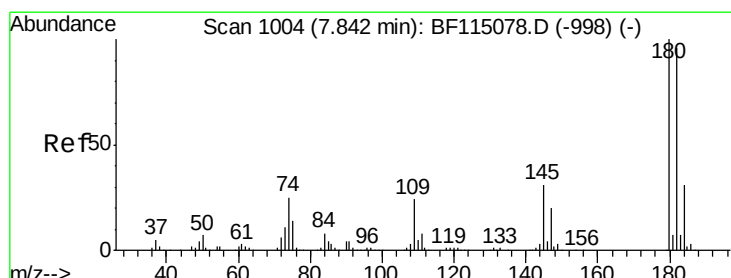
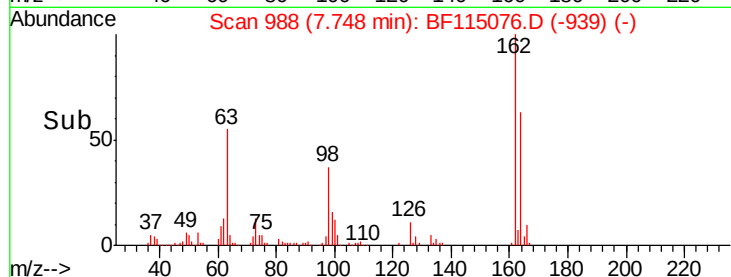
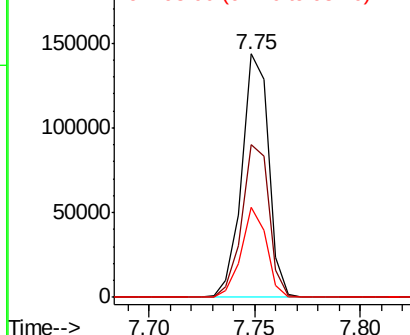


Abundance

Ion 162.00 (161.70 to 162.70): E

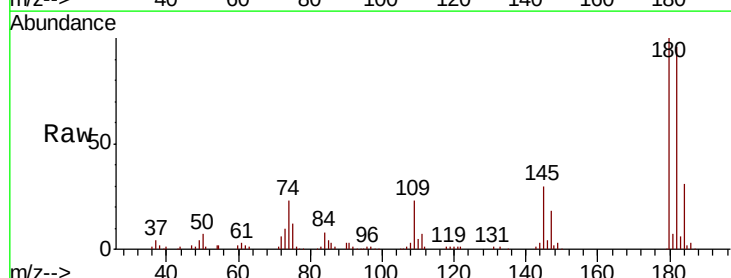
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 11.182 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141856		
182	95.6	76.4	114.6	
145	29.8	24.8	37.2	

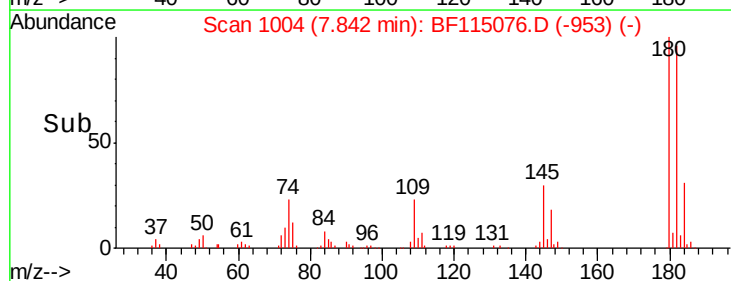
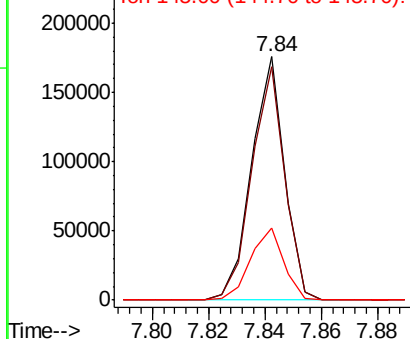


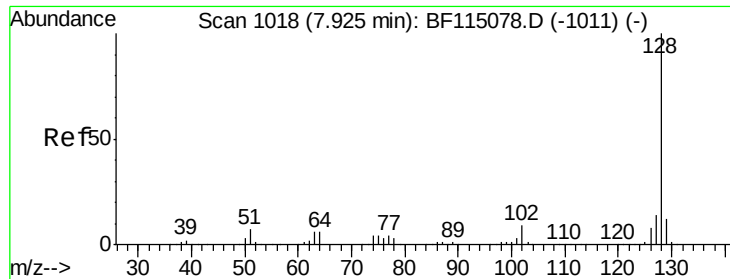
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





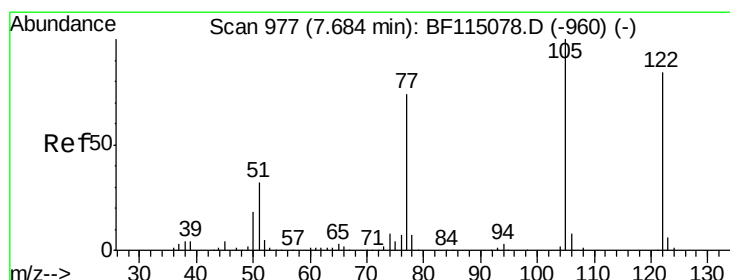
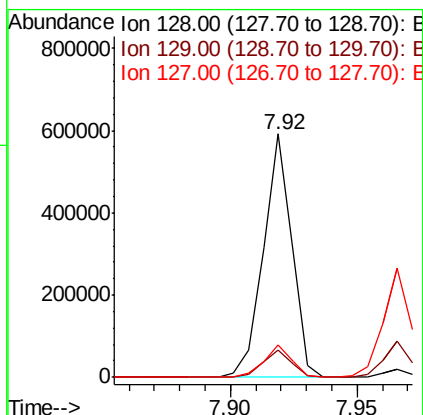
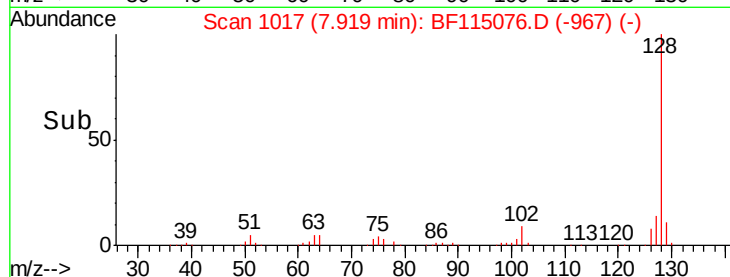
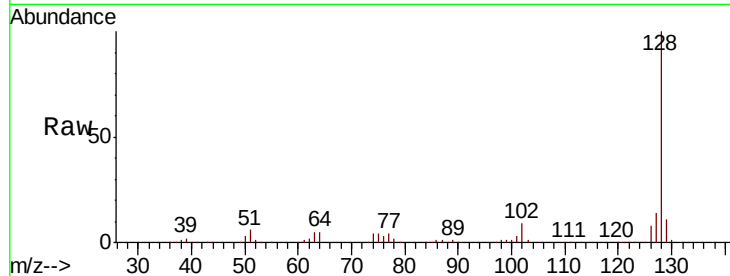
#31
Naphthalene
Concen: 12.808 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.5	11.4	17.0

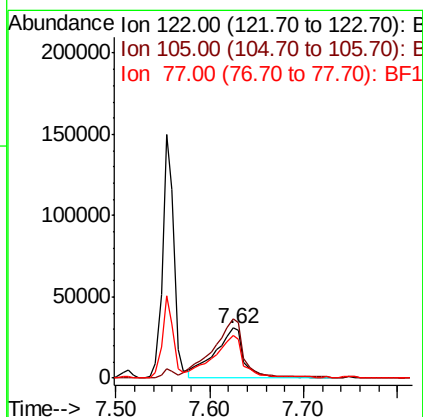
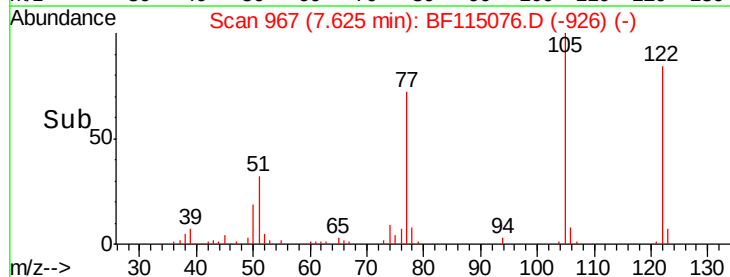
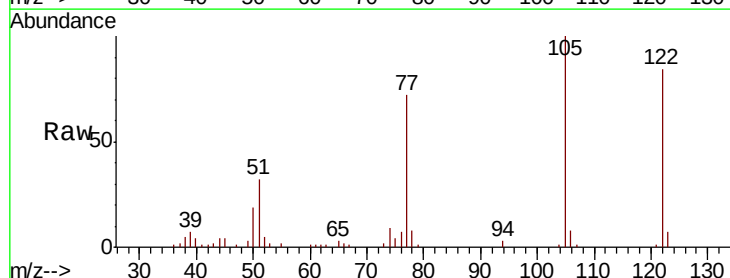
Manual Integrations
APPROVED

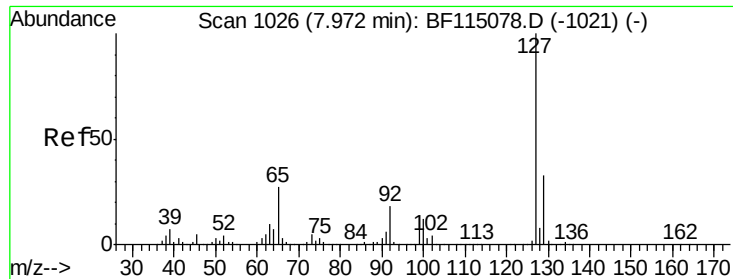
mohammad
6/25/2019 12:41:03 PM



#32
Benzoic acid
Concen: 8.897 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	98.2	138.2
77	86.3	67.0	107.0





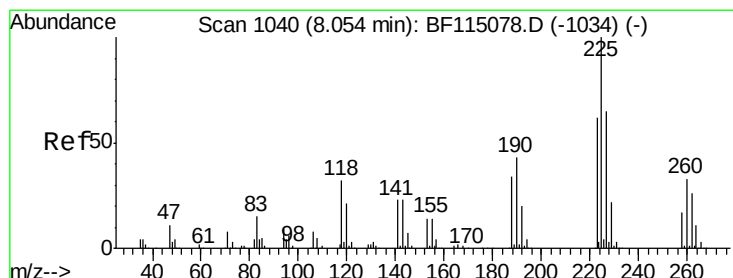
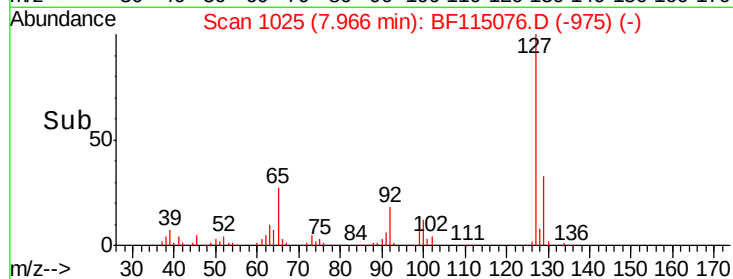
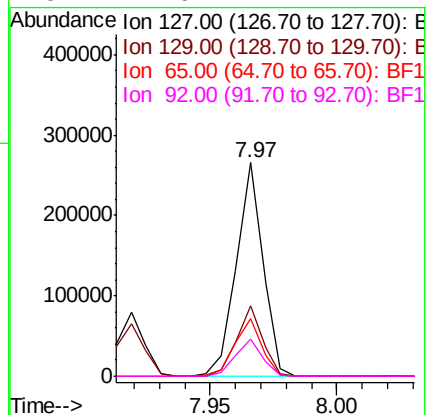
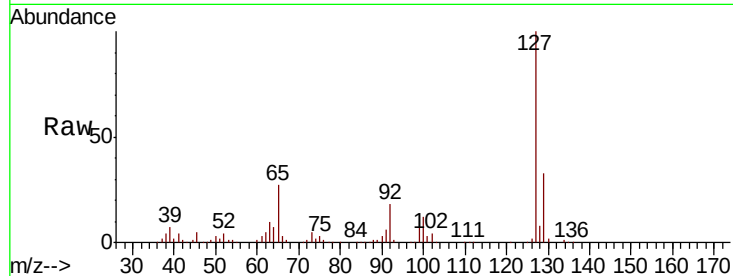
#33
4-Chloroaniline
Concen: 11.616 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		193992		
129	32.8	26.1	39.1		
65	27.2	21.4	32.2		
92	17.6	14.1	21.1		

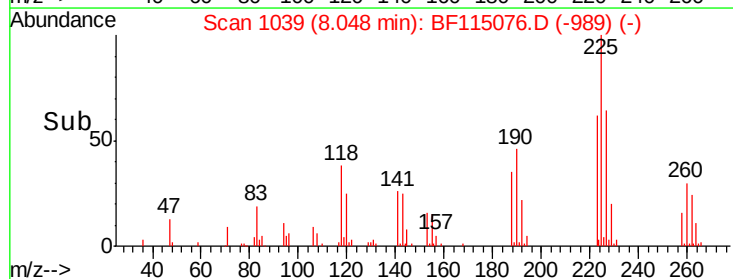
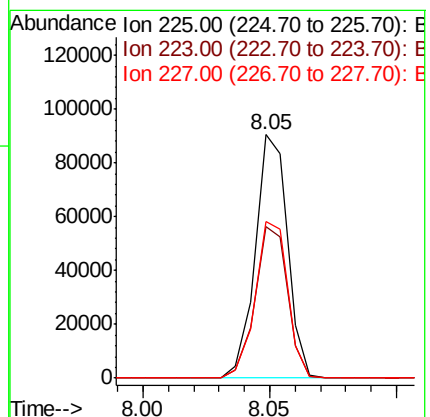
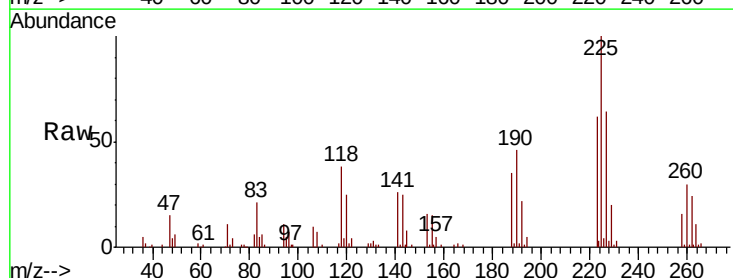
Manual Integrations
APPROVED

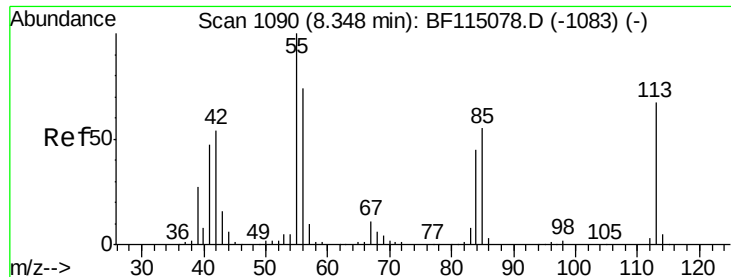
mohammad
6/25/2019 12:41:03 PM



#34
Hexachlorobutadiene
Concen: 11.389 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		80310		
223	62.1	49.4	74.2		
227	64.4	51.8	77.8		





#35

Caprolactam

Concen: 10.664 ng

RT: 8.30 min Scan# 1082

Delta R.T. -0.05 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

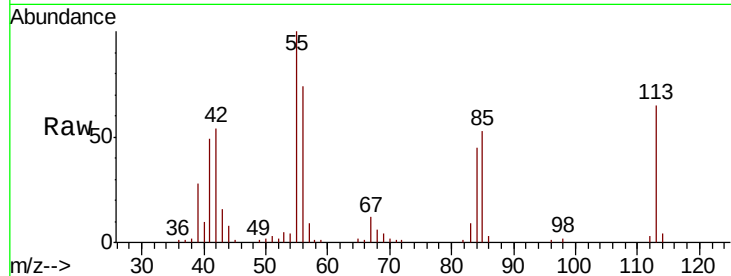
ClientSampleId :

SSTDICC010

Tot Ion:	113	Resp:	38993
Ion Ratio	Lower	Upper	
113	100		
55	154.3	130.2	170.2
56	114.2	91.6	131.6

Manual Integrations
APPROVED

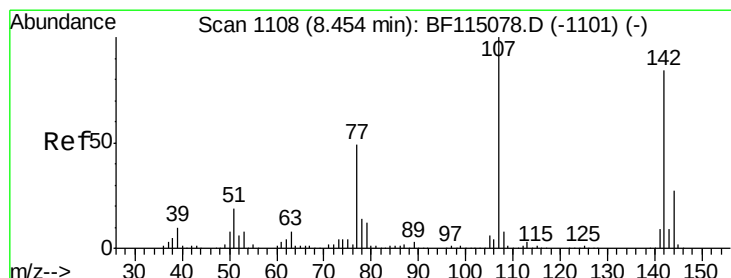
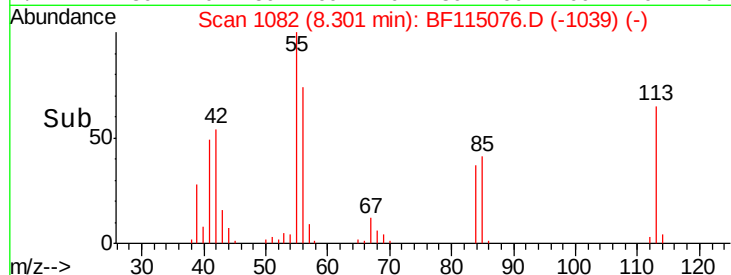
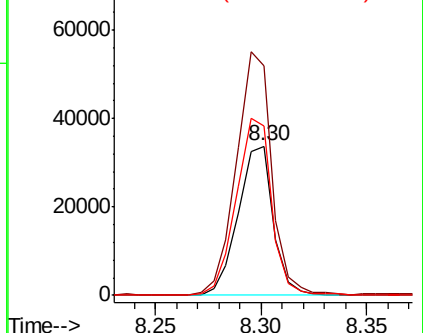
mohammad
6/25/2019 12:41:03 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 11.632 ng

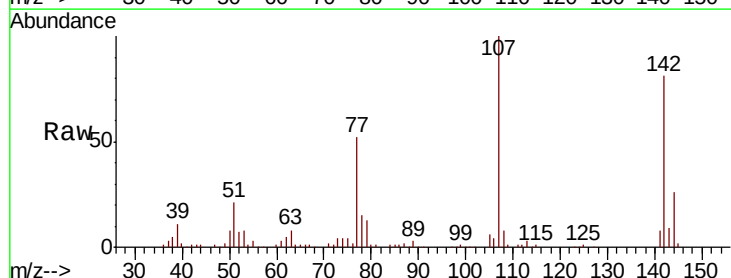
RT: 8.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

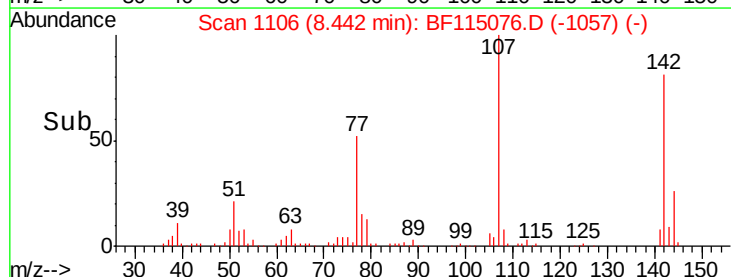
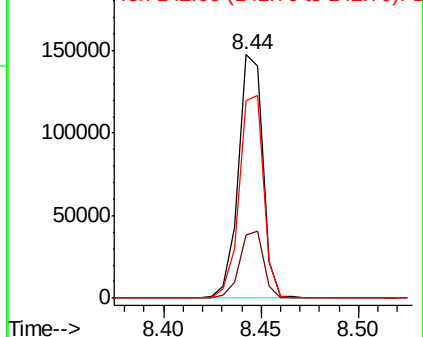
Tgt Ion:	107	Resp:	128700
Ion Ratio	Lower	Upper	
107	100		
144	26.1	21.7	32.5
142	81.0	67.0	100.4

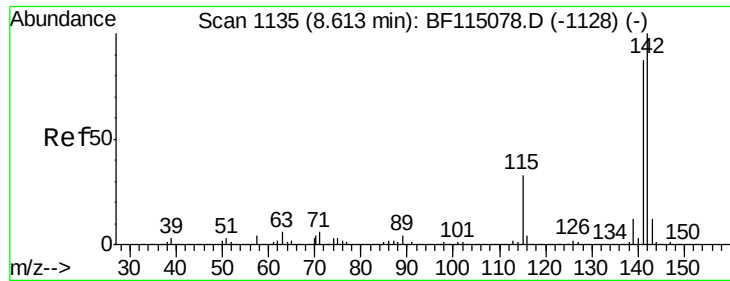


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





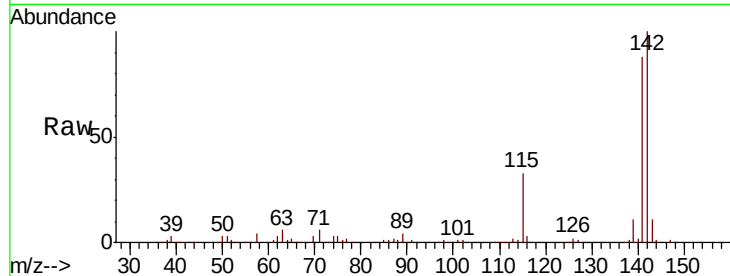
#37
2-Methylnaphthalene
Concen: 12.856 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6
115	32.7	26.7	40.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

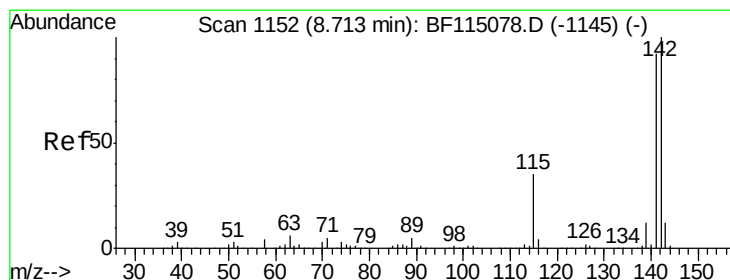
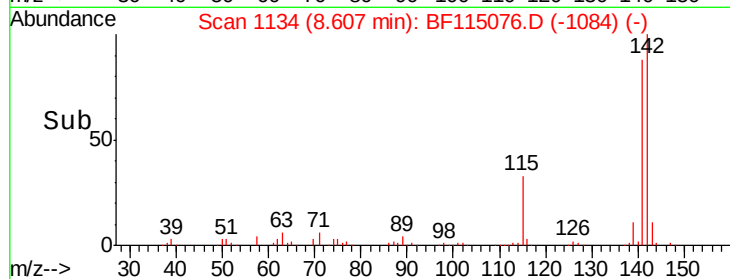
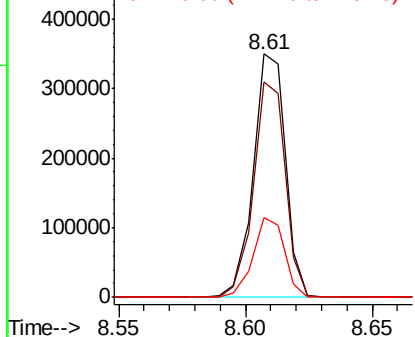


Abundance

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: 12.936 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

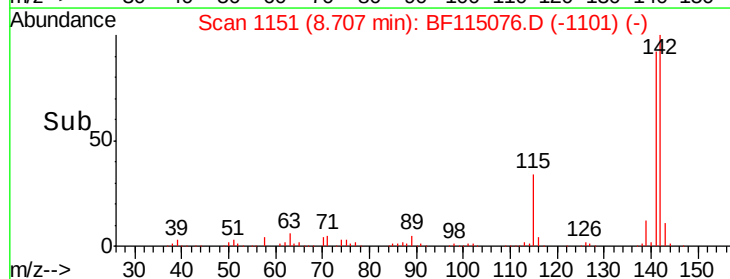
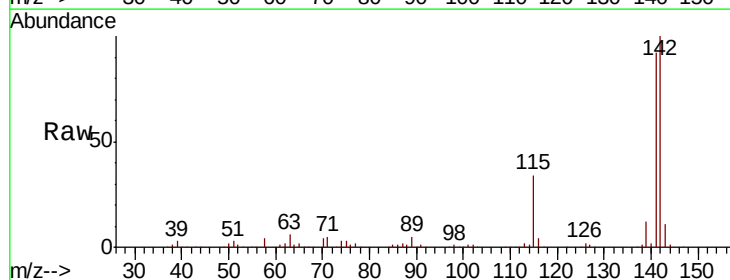
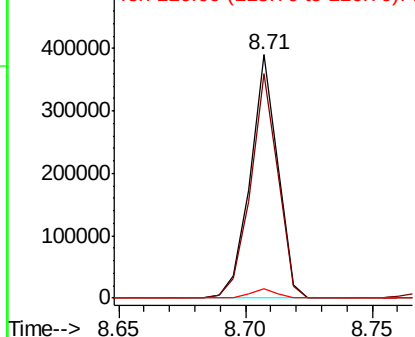
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
116	3.7	2.8	4.2

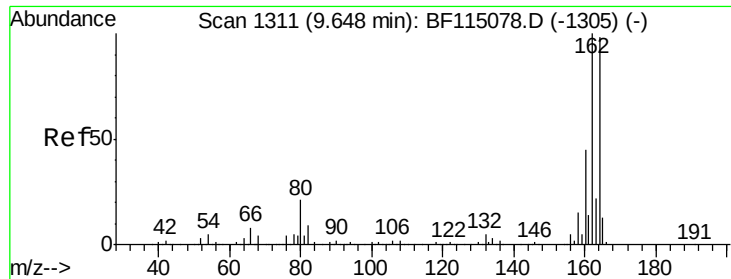
Abundance

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





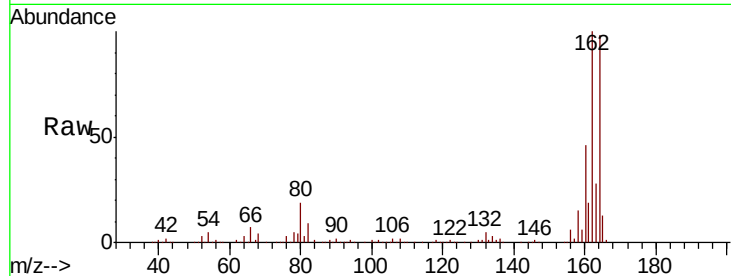
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.7	122.5
160	47.1	37.0	55.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

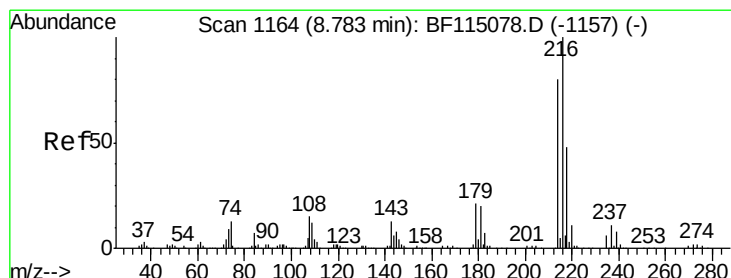
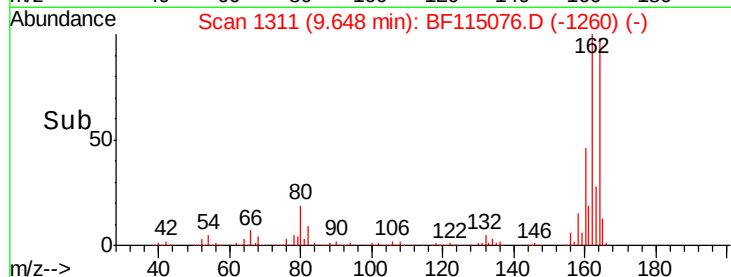
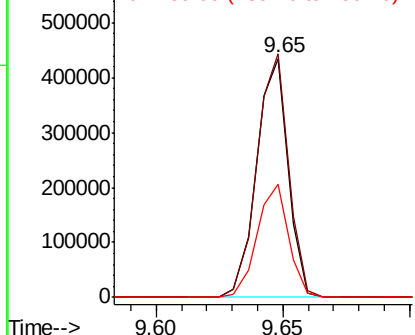


Abundance

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: 11.561 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	21.8	17.6	26.4
108	20.2	15.7	23.5

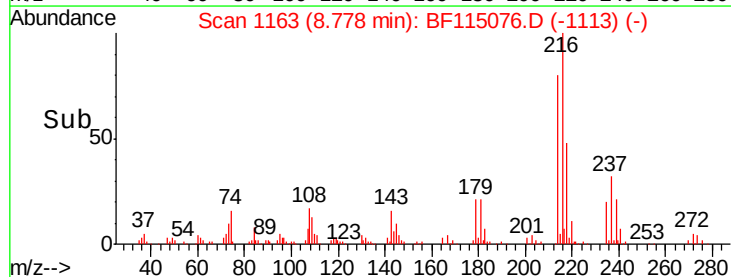
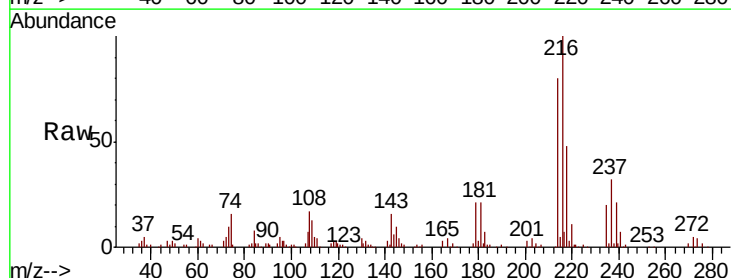
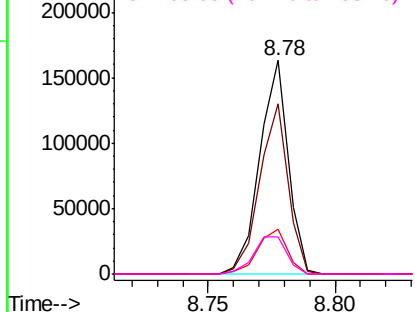
Abundance

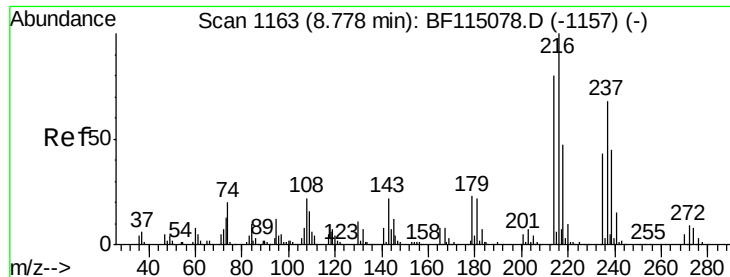
Ion 216.00 (215.70 to 216.70): E

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





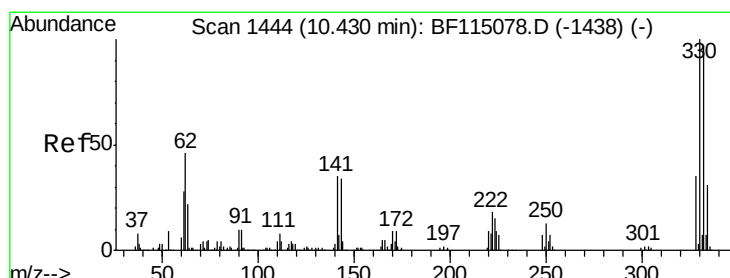
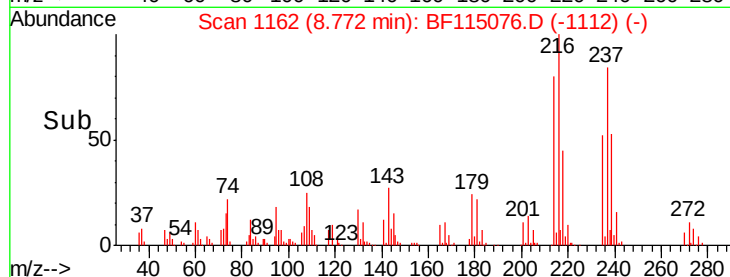
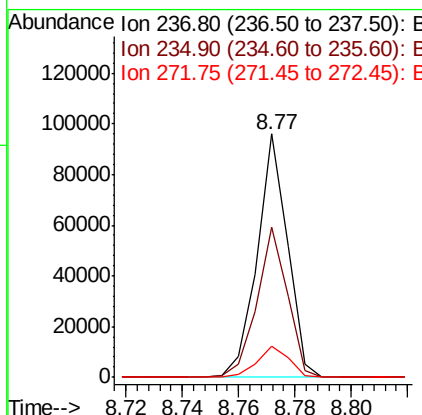
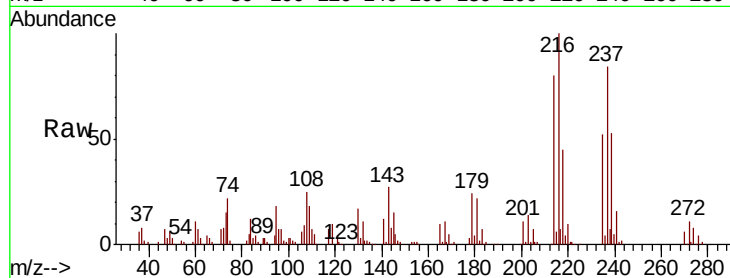
#41
Hexachlorocyclopentadiene
Concen: 12.979 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.7	43.9	83.9	
272	12.6	0.0	33.8	

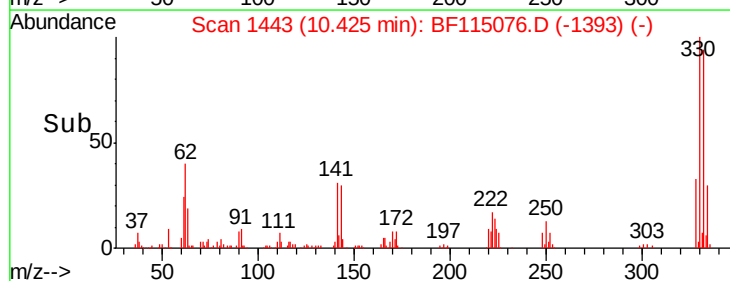
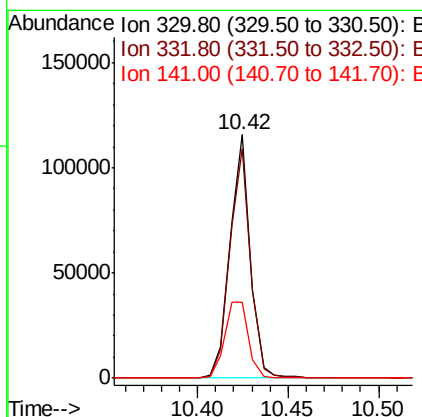
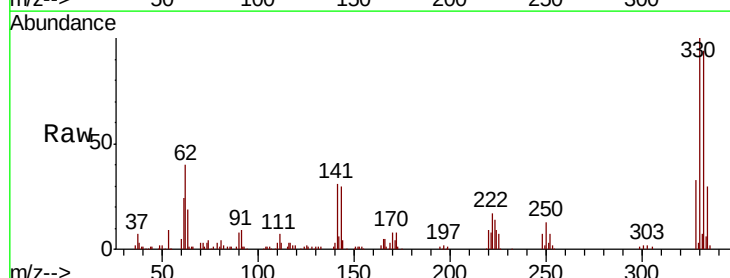
Manual Integrations
APPROVED

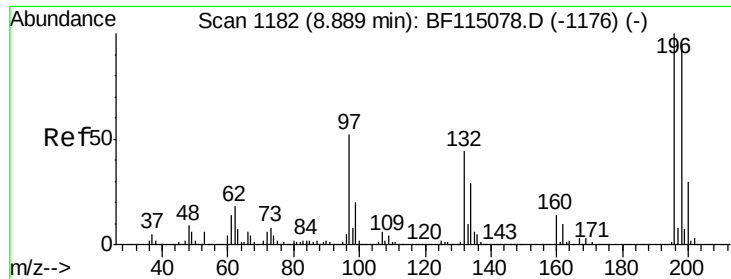
mohammad
6/25/2019 12:41:03 PM



#42
2,4,6-Tribromophenol
Concen: 22.403 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.3	115.9	
141	36.5	28.2	42.2	





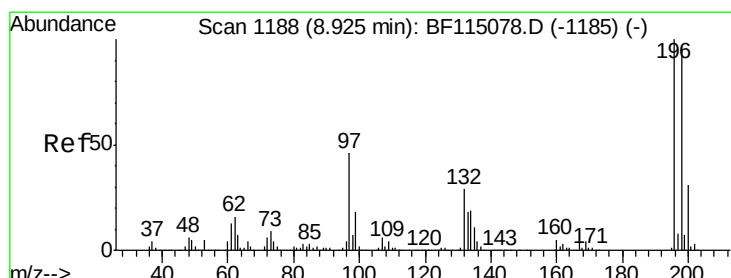
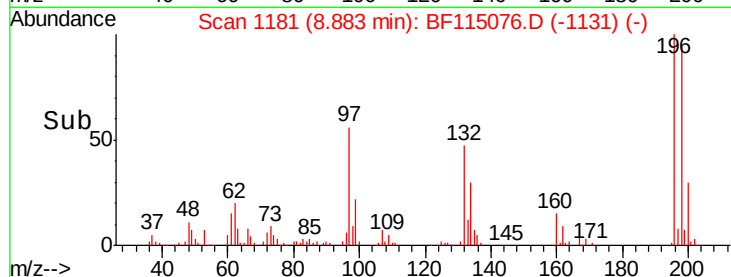
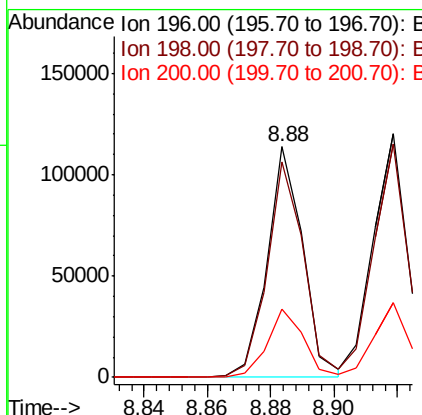
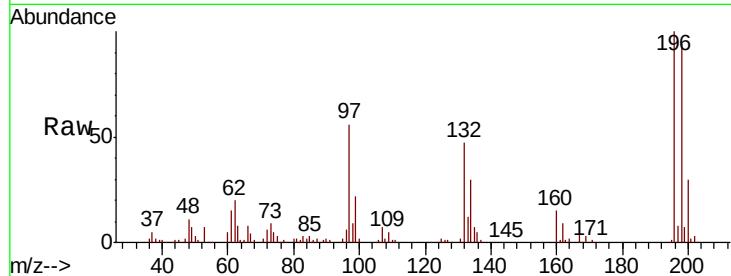
#43
 2,4,6-Trichlorophenol
 Concen: 10.697 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.3	114.5
200	29.6	24.2	36.4

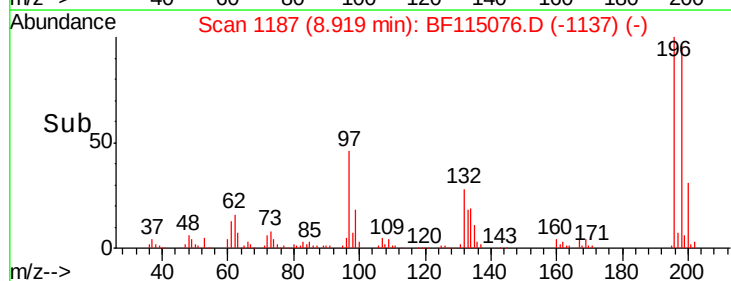
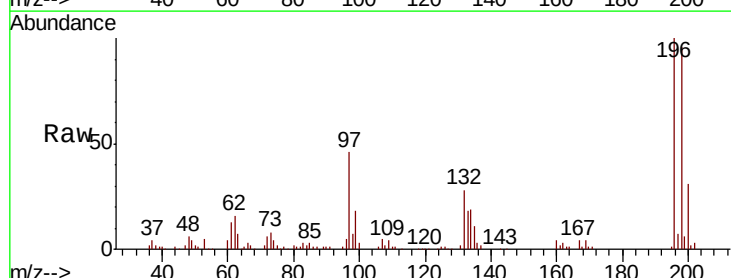
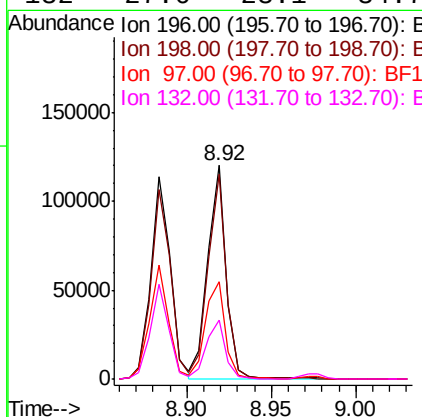
Manual Integrations
 APPROVED

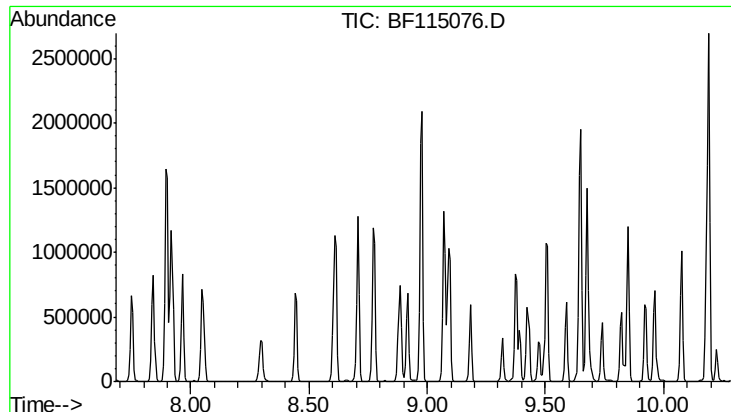
mohammad
 6/25/2019 12:41:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 10.963 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.1	115.7
97	45.7	37.7	56.5
132	27.6	23.1	34.7





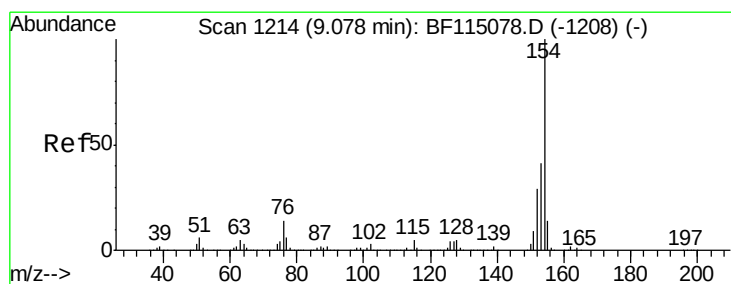
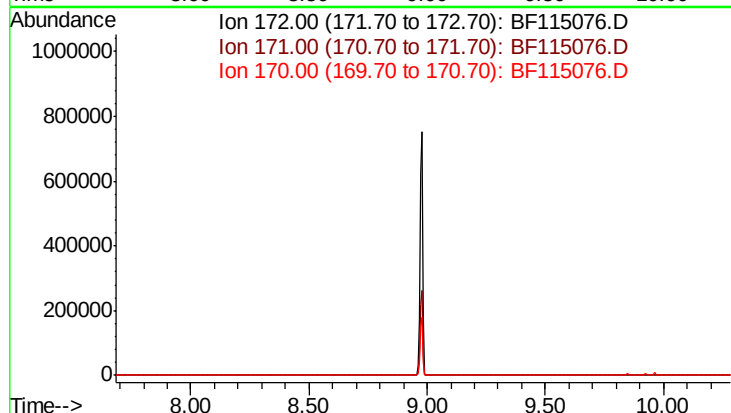
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 8.98 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion: 172
Sig Exp Ratio
172 100
171 37.2
170 25.4

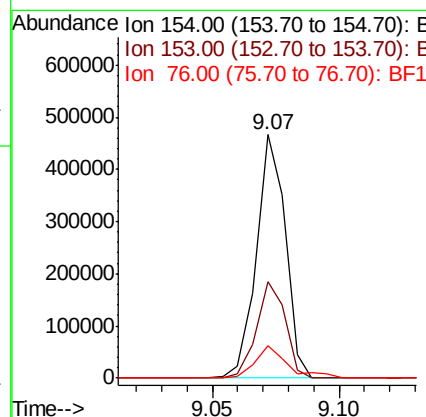
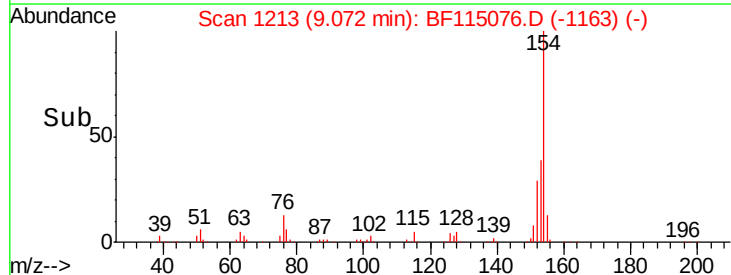
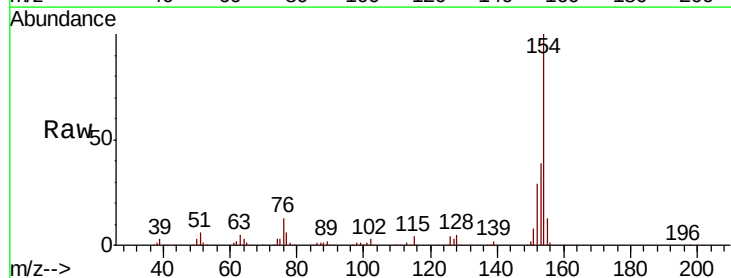
Manual Integrations
APPROVED

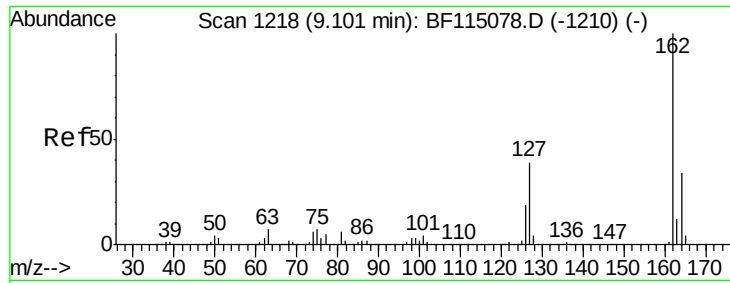
mohammad
6/25/2019 12:41:03 PM



#46
1,1'-Biphenyl
Concen: 12.259 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion: 154 Resp: 370951
Ion Ratio Lower Upper
154 100
153 39.5 20.9 60.9
76 13.3 0.0 34.1





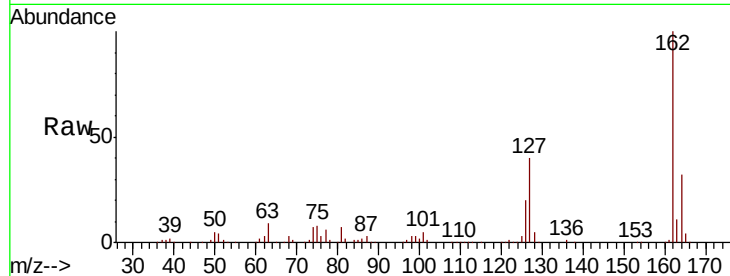
#47
2-Chloronaphthalene
Concen: 11.969 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

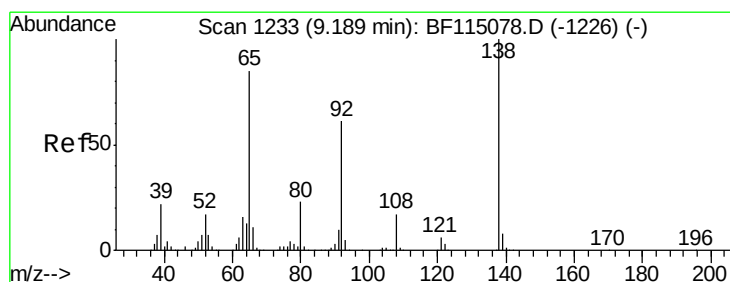
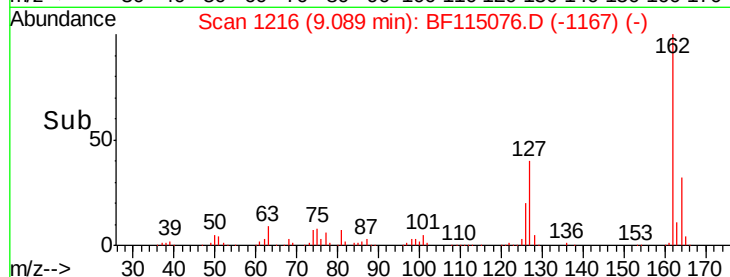
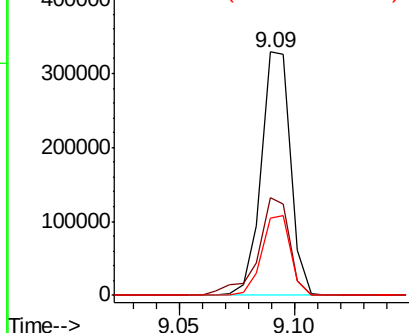
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.4	30.8	46.2
164	31.9	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

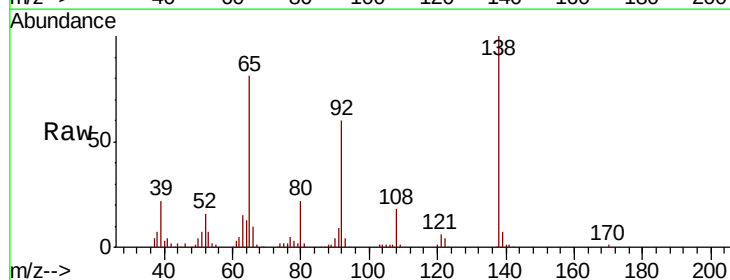


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

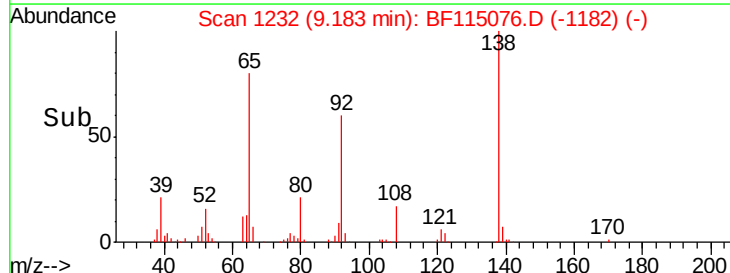
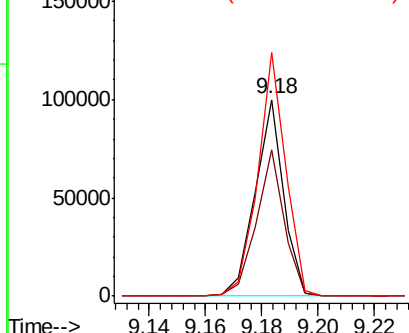


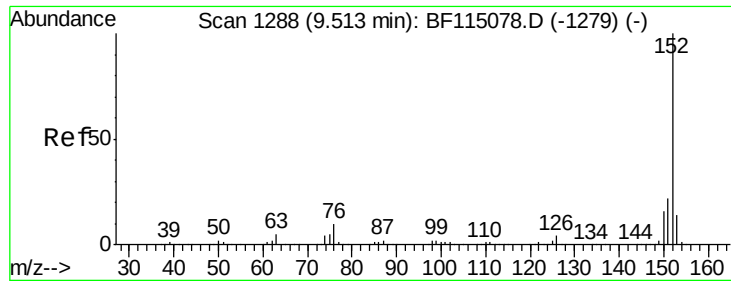
#48
2-Nitroaniline
Concen: 9.651 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.3	57.4	86.2
138	123.9	94.1	141.1



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: 12.459 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

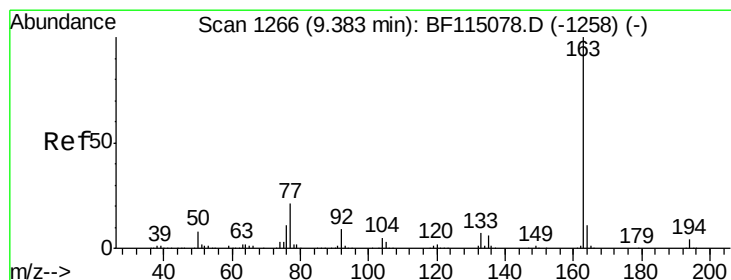
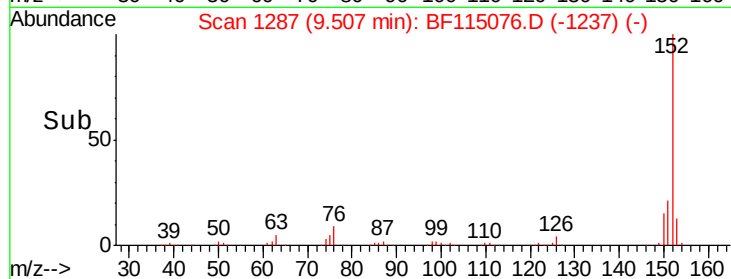
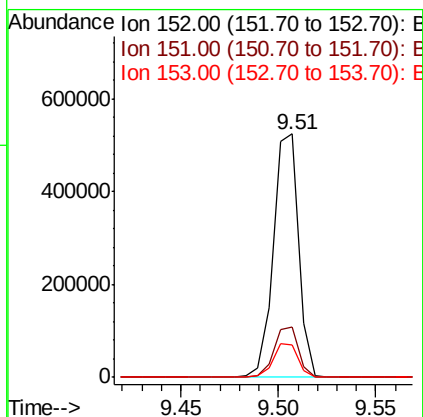
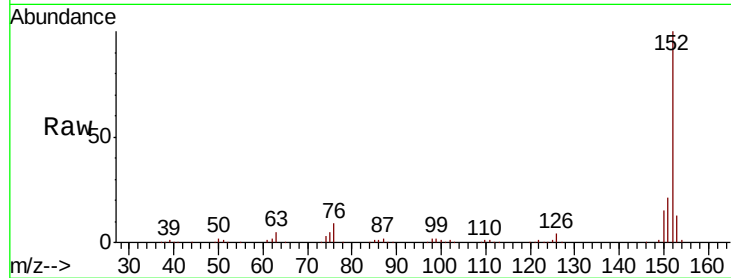
ClientSampleId :

SSTDIC010

Tot Ion:	152	Resp:	468732
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	13.1	11.0	16.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



#50

Dimethylphthalate

Concen: 11.532 ng

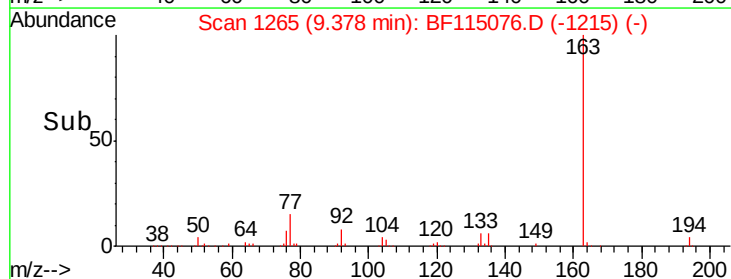
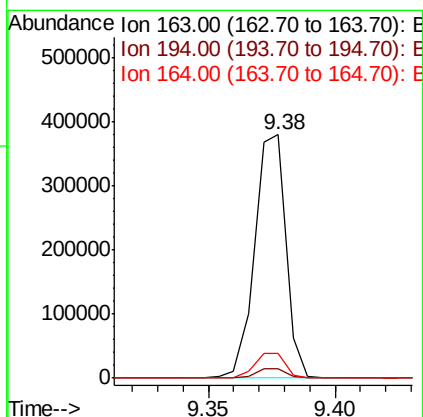
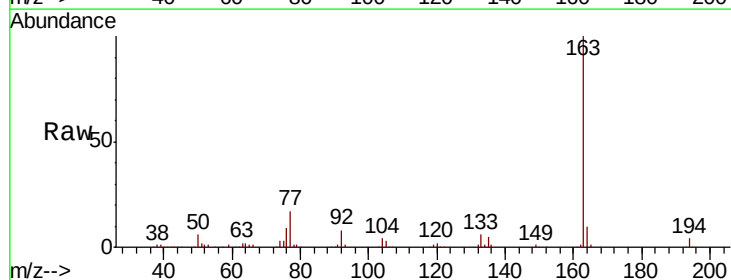
RT: 9.38 min Scan# 1265

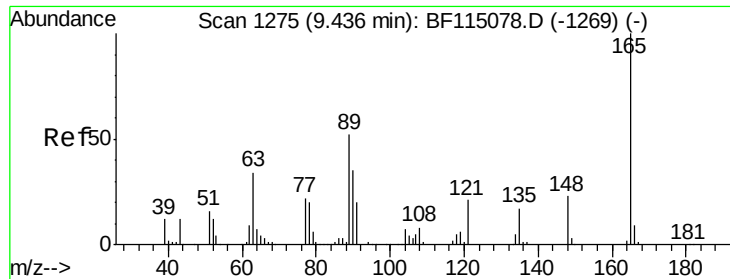
Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:	163	Resp:	327475
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	9.9	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 10.036 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

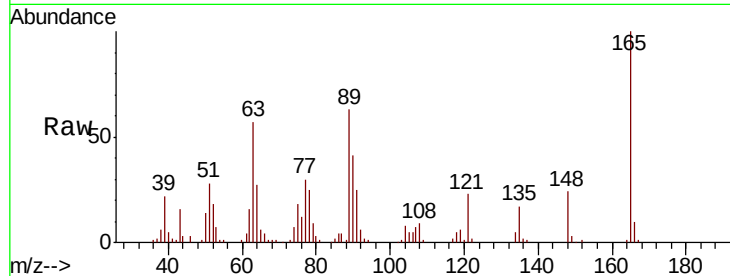
ClientSampleId :

SSTDIC010

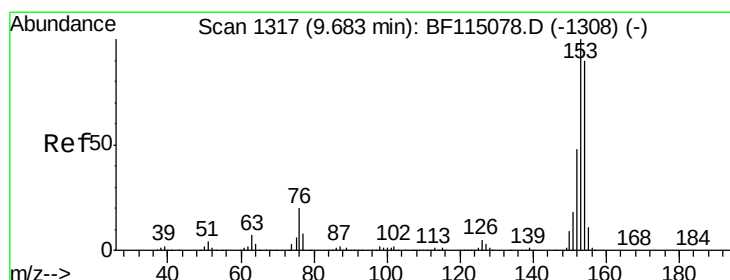
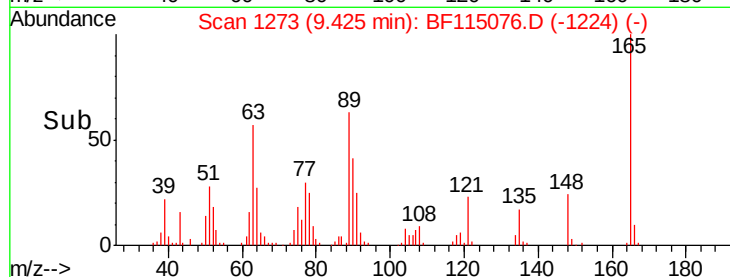
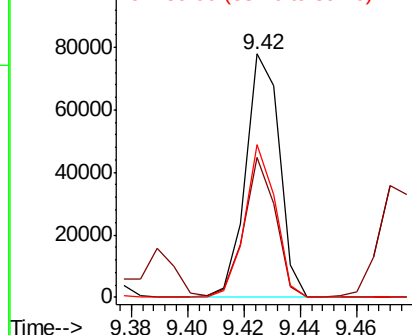
Tot Ion:	165	Resp:	64652
Ion Ratio	Lower	Upper	
165	100		
63	57.3	39.4	59.2
89	62.5	42.0	63.0

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 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: 13.290 ng

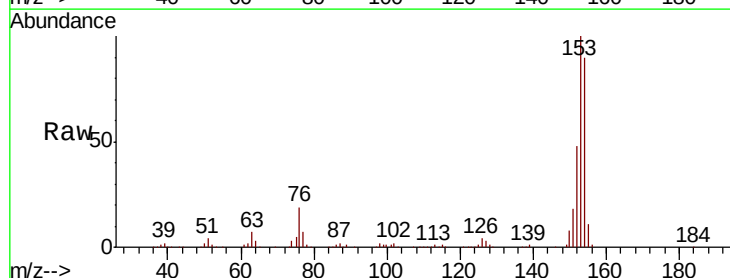
RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

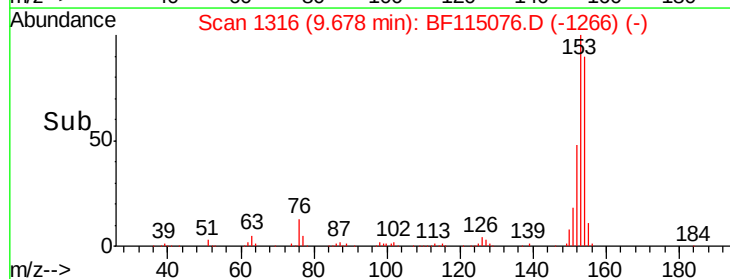
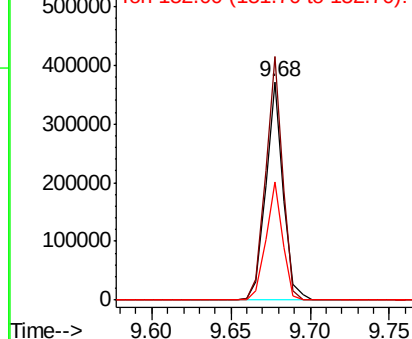
Lab File: BF115076.D

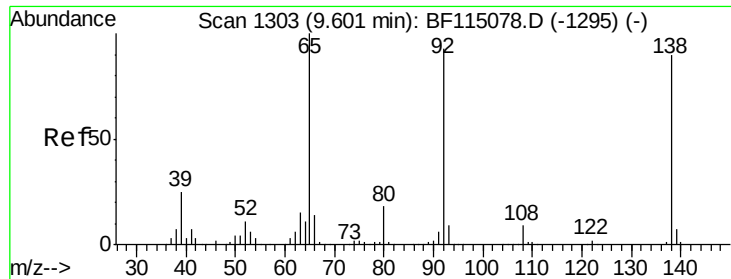
Acq: 21 Jun 2019 13:45

Tgt Ion:	154	Resp:	286071
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.7	133.1
152	54.0	42.6	64.0



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





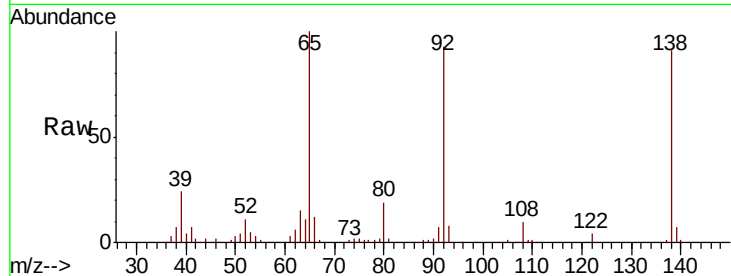
#53
3-Nitroaniline
Concen: 10.326 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.6
92	102.6	82.9	124.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

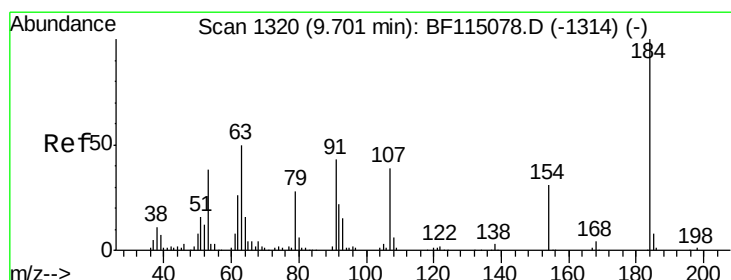
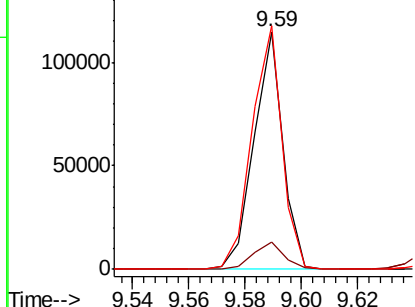
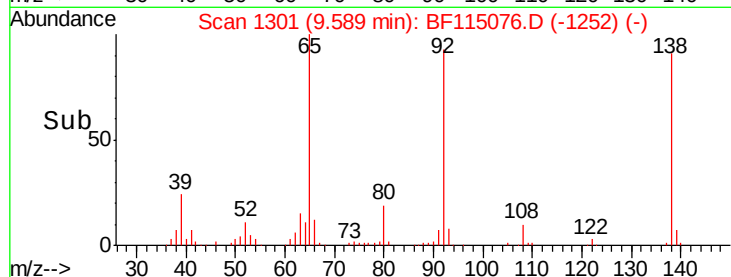


Abundance

Ion 138.00 (137.70 to 138.70): E

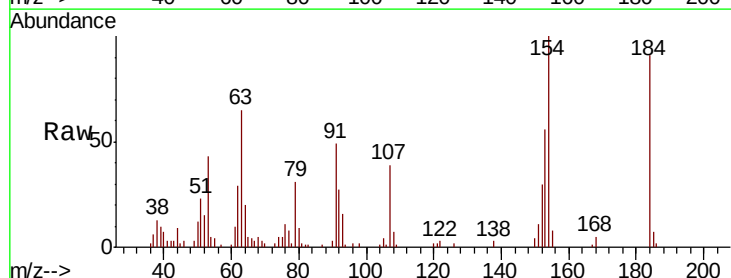
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 6.024 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.6	41.9	62.9#
154	109.4	44.7	67.1#

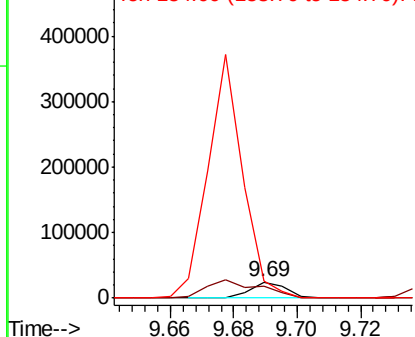
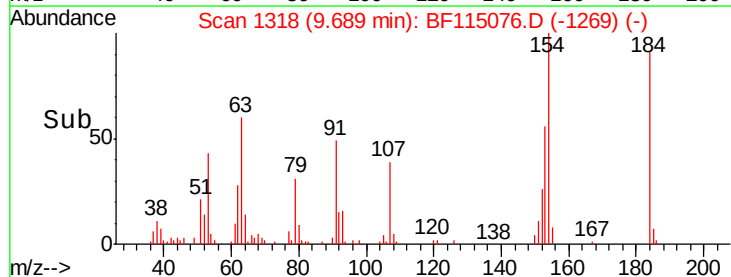


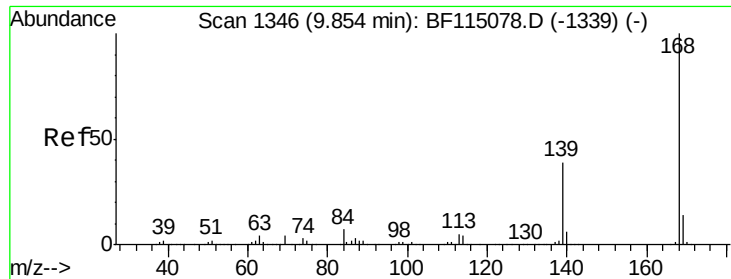
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





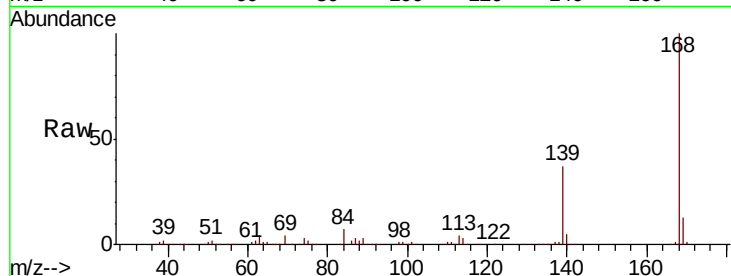
#55
Dibenzofuran
Concen: 12.656 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
168	100	410582		
139	37.0		31.1	46.7
169	13.5		11.3	16.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

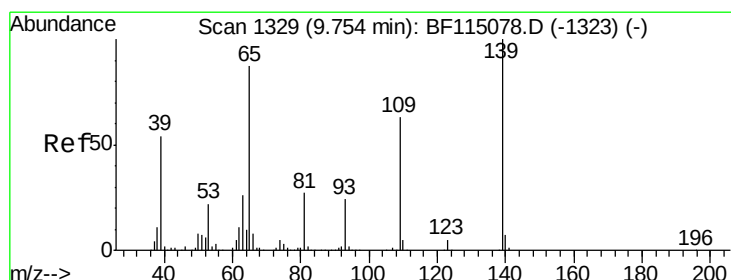
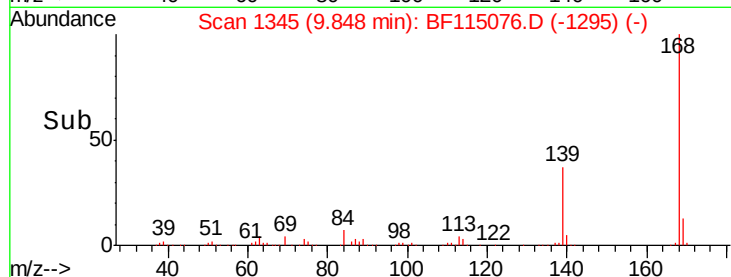
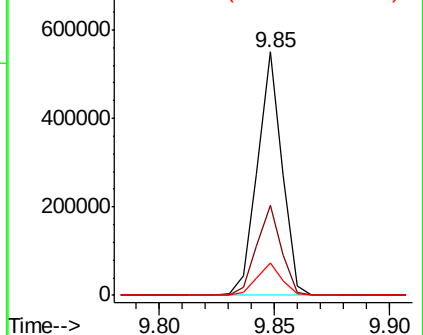


Abundance

Ion 168.00 (167.70 to 168.70): E

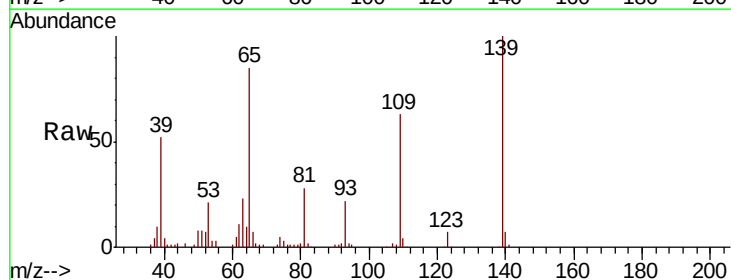
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 11.285 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61421		
109	63.0		43.0	83.0
65	84.7		67.0	107.0

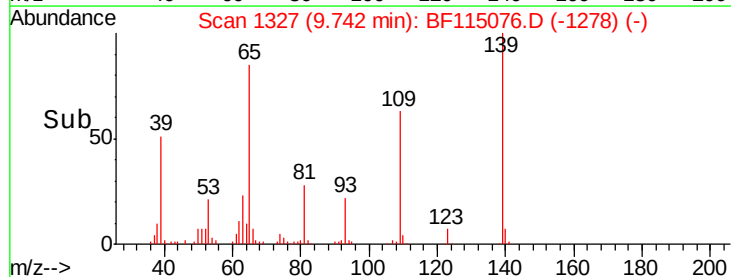
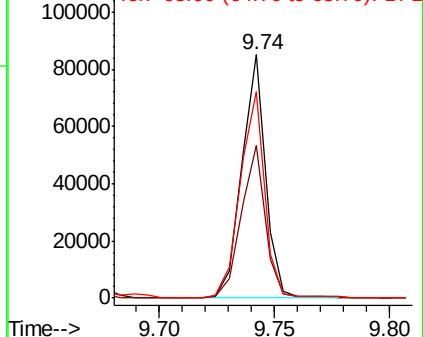


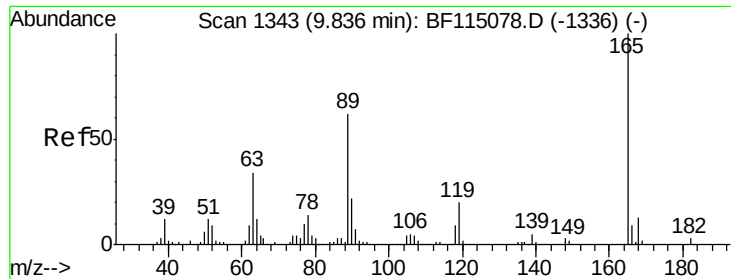
Abundance

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





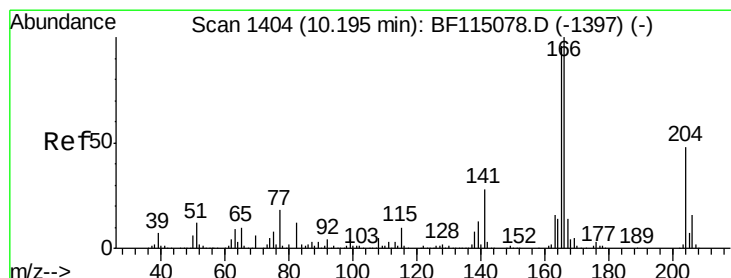
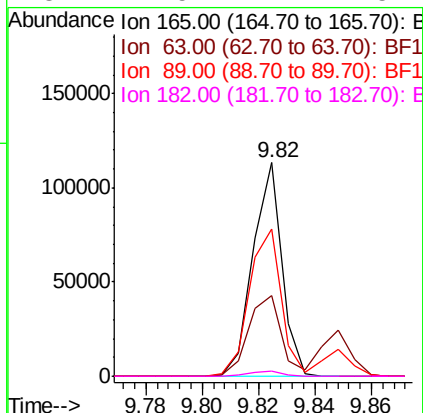
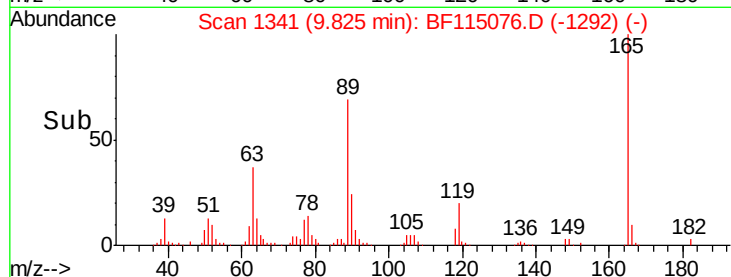
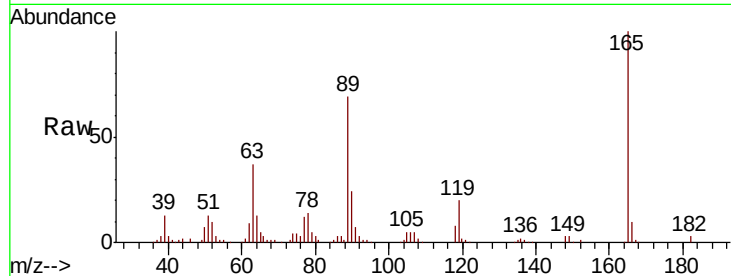
#57
2,4-Dinitrotoluene
Concen: 9.857 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80821		
63	37.5	27.5	41.3	
89	69.2	49.9	74.9	
182	2.5	2.1	3.1	

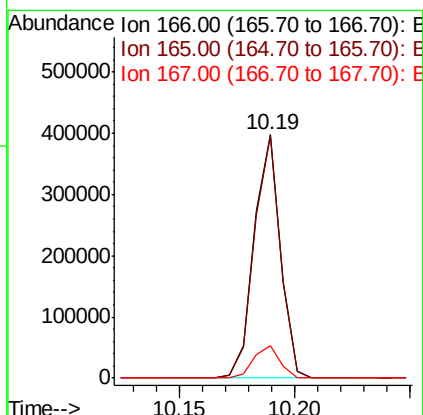
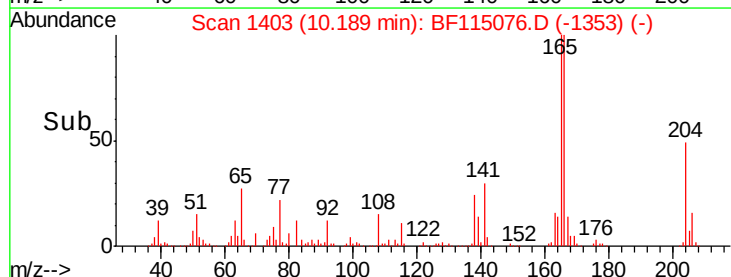
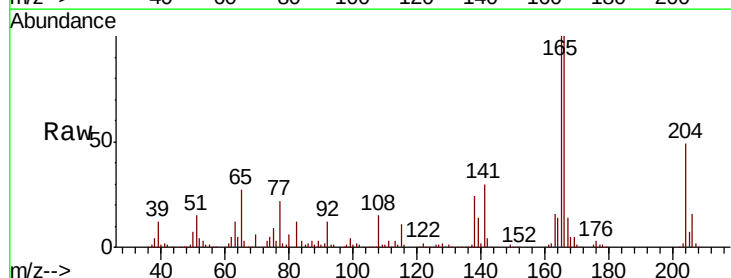
Manual Integrations
APPROVED

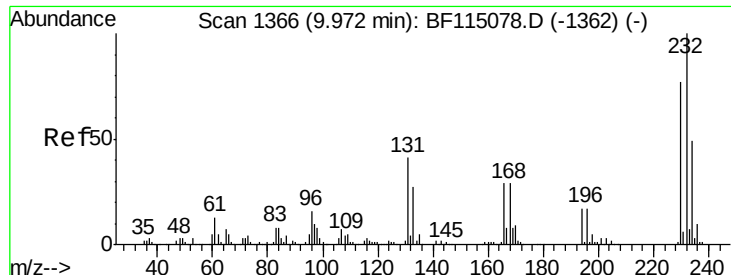
mohammad
6/25/2019 12:41:03 PM



#58
Fluorene
Concen: 13.361 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	317007		
165	99.5	76.5	114.7	
167	13.6	11.0	16.4	





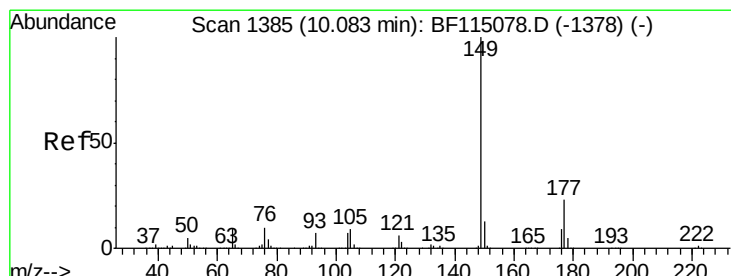
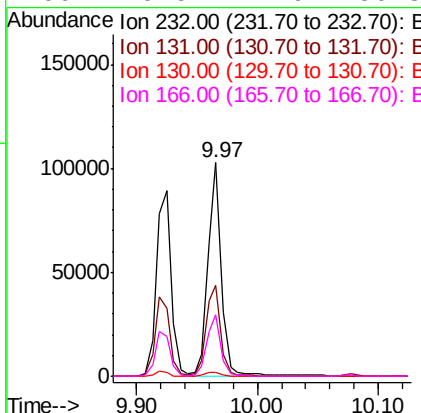
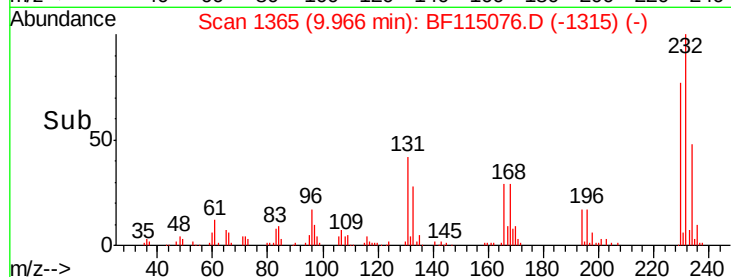
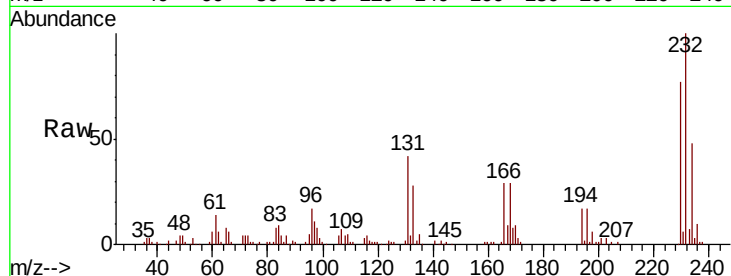
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.672 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.4	56.0
130	2.3	1.8	2.6
166	29.5	24.6	36.8

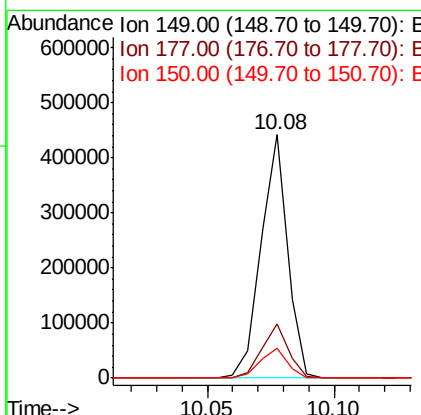
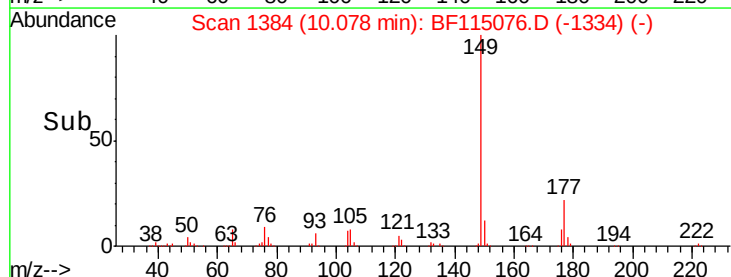
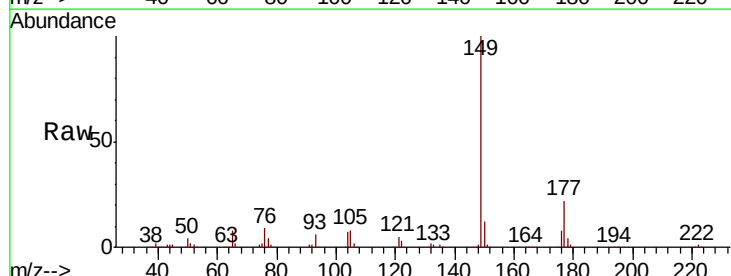
Manual Integrations
 APPROVED

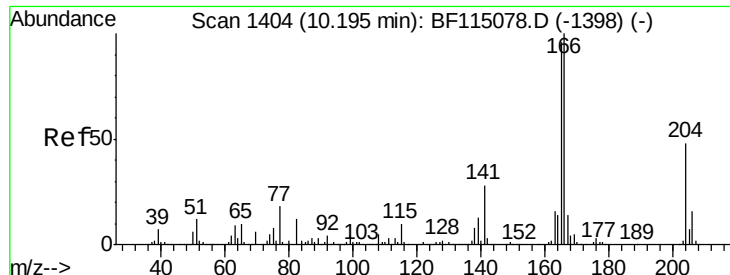
mohammad
 6/25/2019 12:41:03 PM



#60
 Diethylphthalate
 Concen: 11.977 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.7	28.1
150	12.2	10.4	15.6





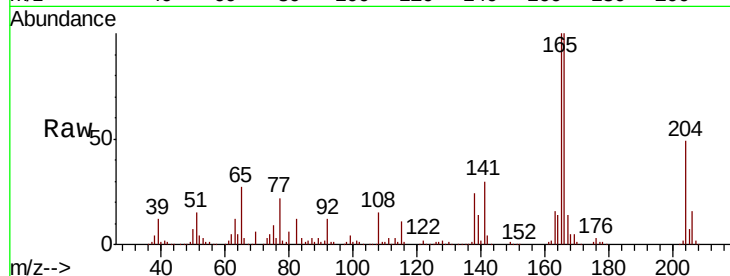
#61
4-Chlorophenyl-phenylether
Concen: 13.019 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	40.0
141	60.1	46.7	70.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

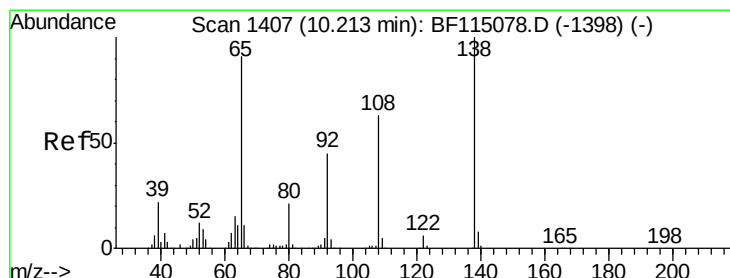
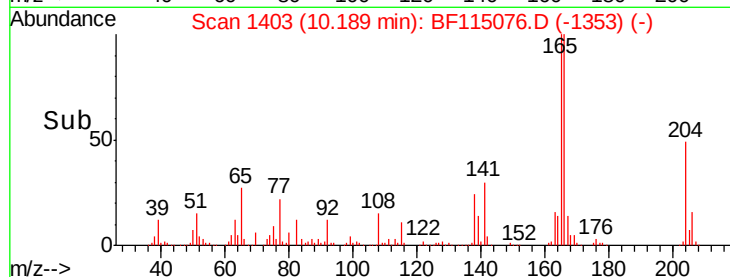
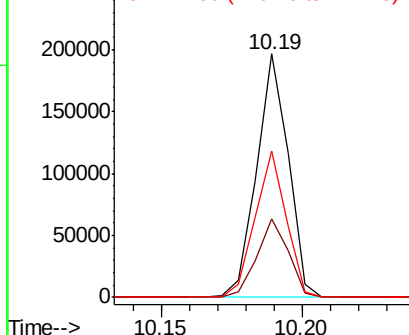


Abundance

Ion 204.00 (203.70 to 204.70): E

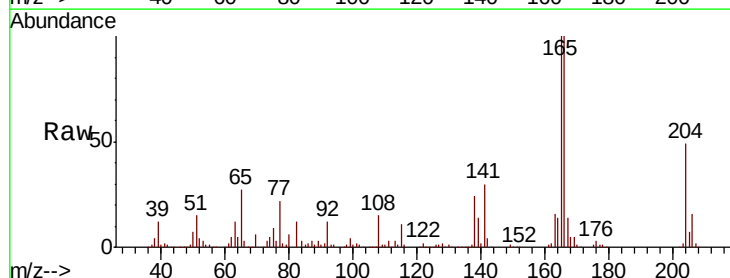
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 9.836 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	24.8	64.8
108	65.2	43.3	83.3

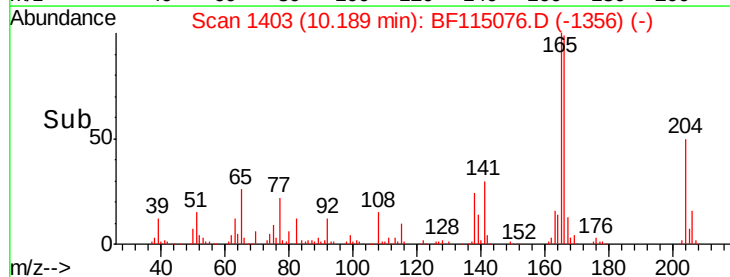
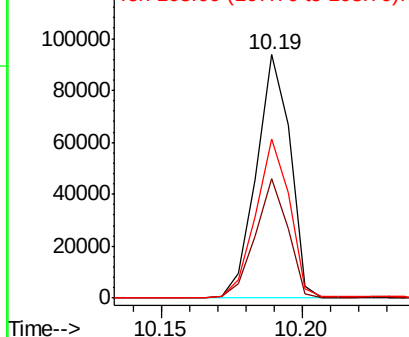


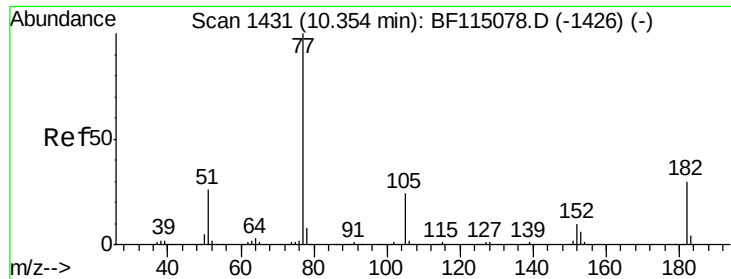
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





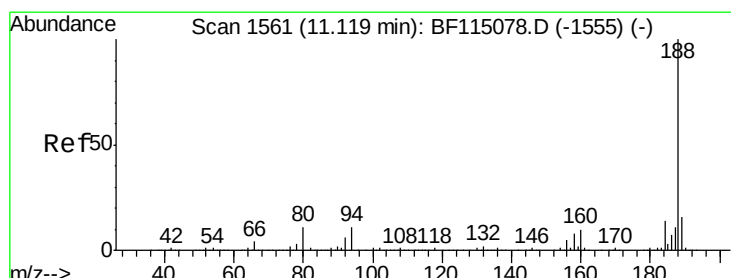
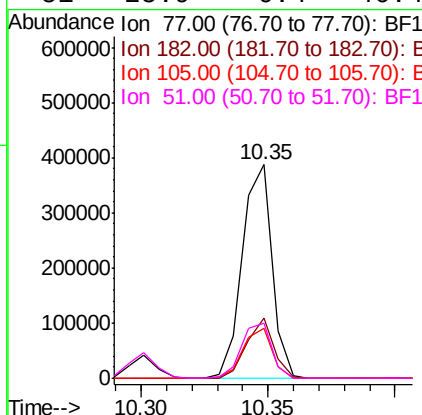
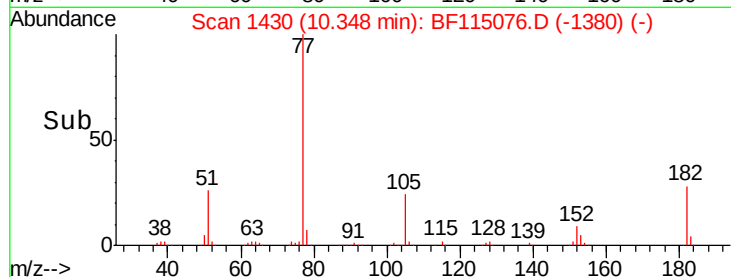
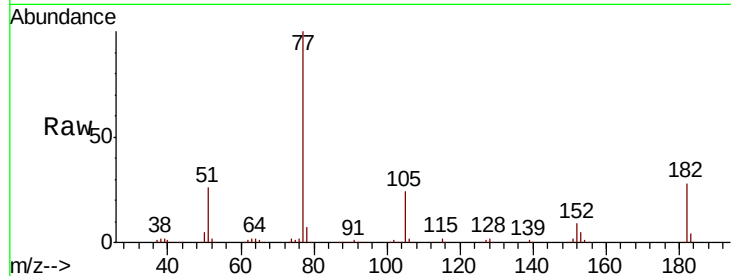
#63
Azobenzene
Concen: 13.290 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		315704		
182	28.2	10.1	50.1		
105	23.6	4.5	44.5		
51	25.9	6.4	46.4		

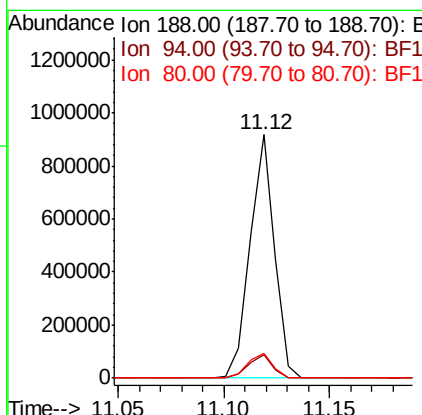
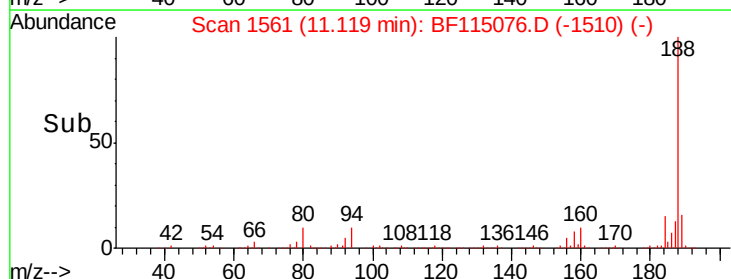
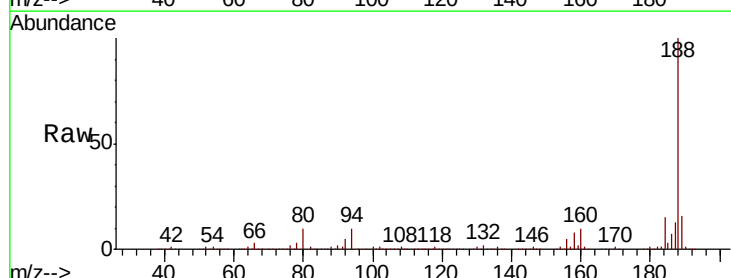
Manual Integrations
APPROVED

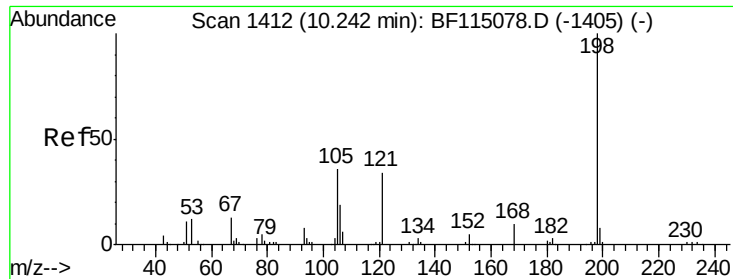
mohammad
6/25/2019 12:41:03 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		735286		
94	9.7	8.6	12.8		
80	10.4	8.8	13.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 6.332 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

ClientSampled :

SSTDIC010

Tot Ion:198 Resp: 26097

Ion Ratio Lower Upper

198 100

51 50.6 11.0 51.0

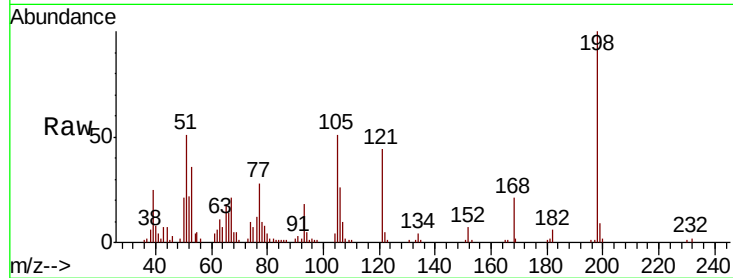
105 51.0 17.3 57.3

Manual Integrations

APPROVED

mohammad

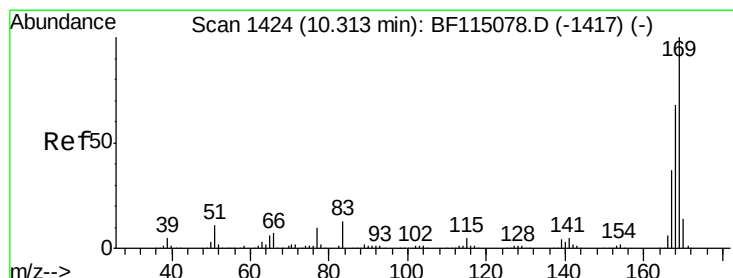
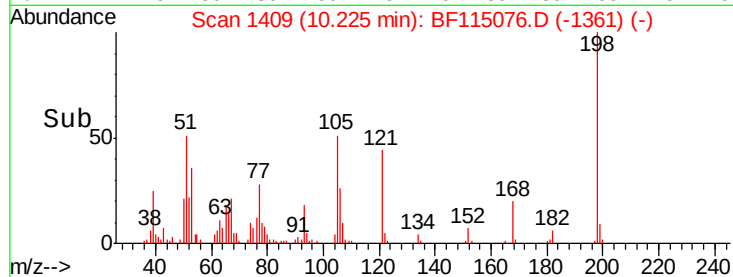
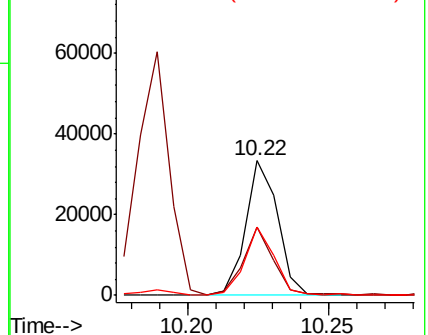
6/25/2019 12:41:03 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 12.438 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

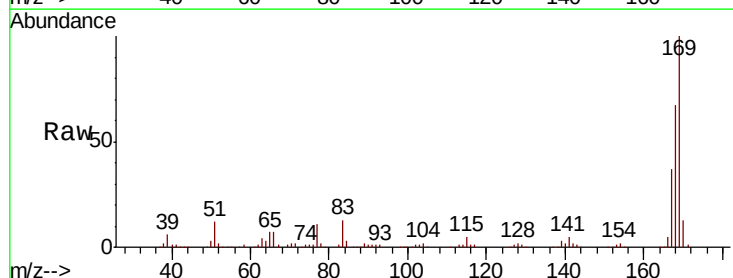
Tgt Ion:169 Resp: 273364

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.4

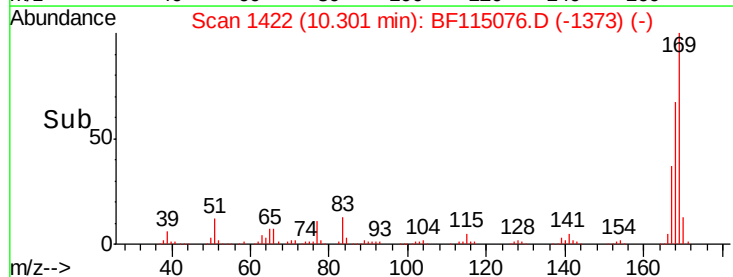
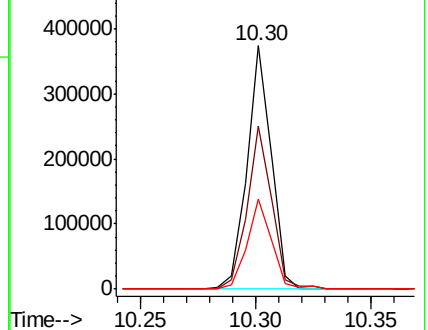
167 36.7 29.4 44.0

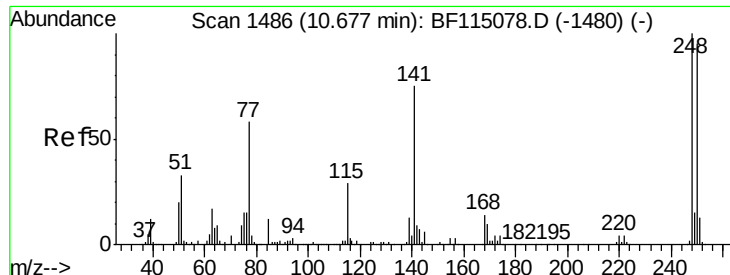


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





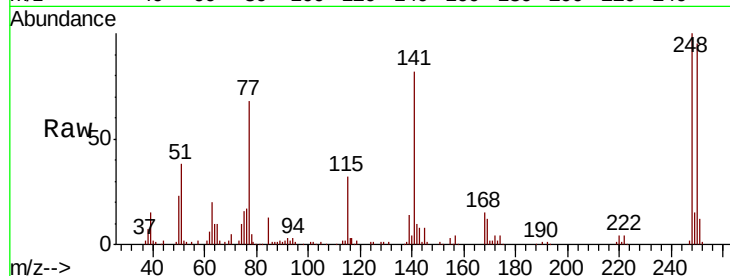
#67
 4-Bromophenyl-phenylether
 Concen: 11.551 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

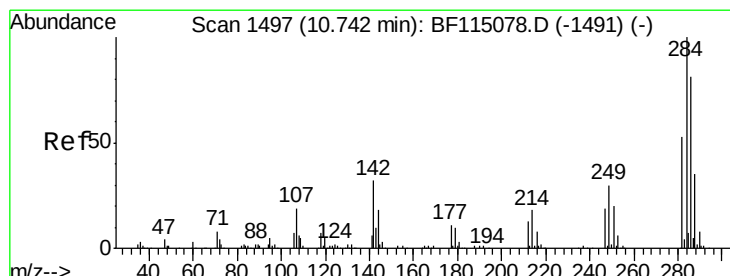
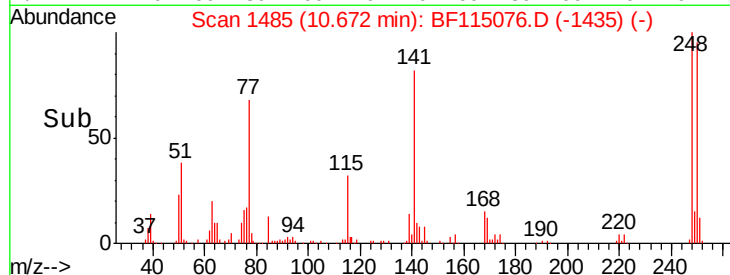
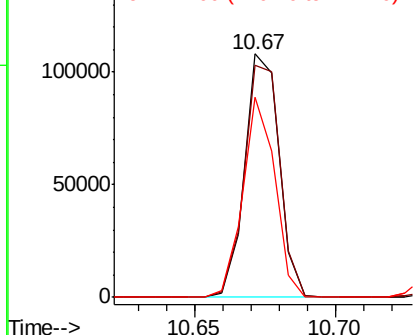
Tot Ion:	248	Resp:	91190
Ion Ratio	Lower	Upper	
248	100		
250	95.3	76.2	114.2
141	82.4	59.6	89.4

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:03 PM

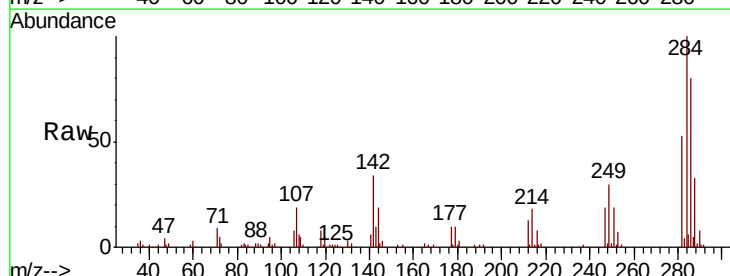


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

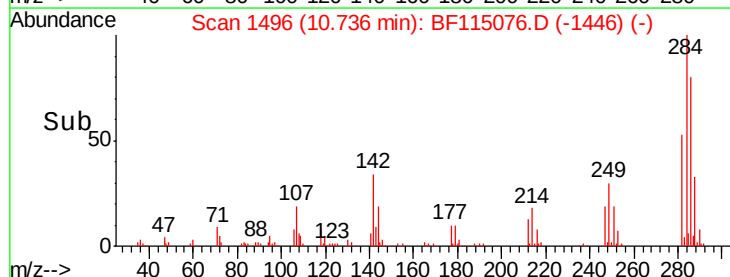
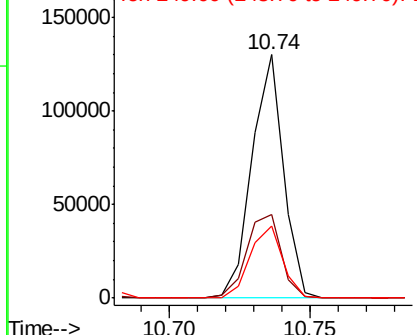


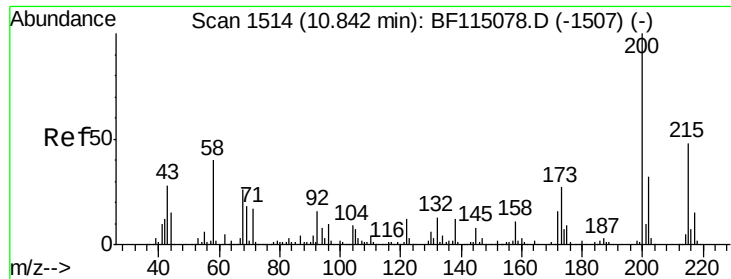
#68
 Hexachlorobenzene
 Concen: 11.618 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion:	284	Resp:	100981
Ion Ratio	Lower	Upper	
284	100		
142	34.1	25.8	38.8
249	29.8	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





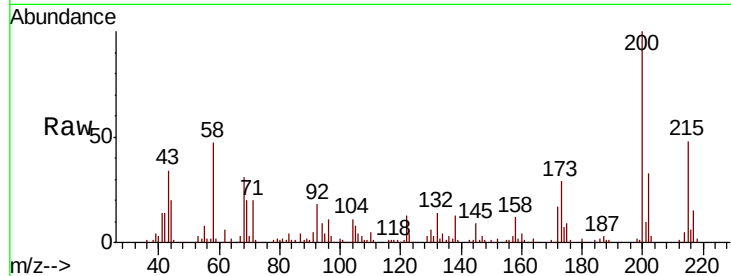
#69
Atrazine
Concen: 11.876 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.4	47.4
215	47.8	27.8	67.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

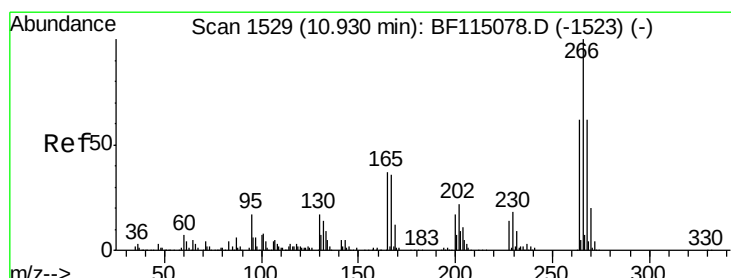
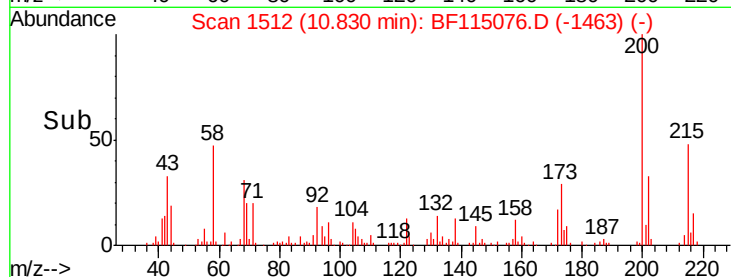
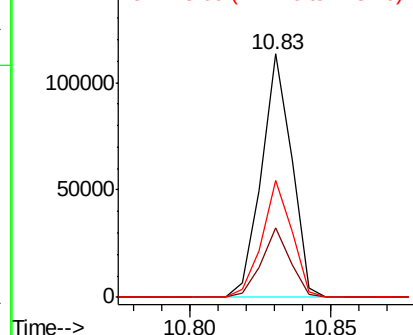


Abundance

Ion 200.00 (199.70 to 200.70): E

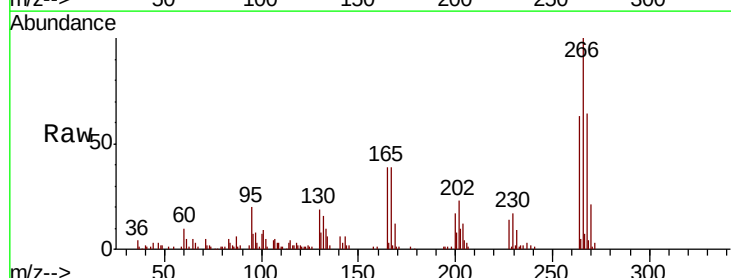
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 12.049 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.5	74.3
264	63.3	49.3	73.9

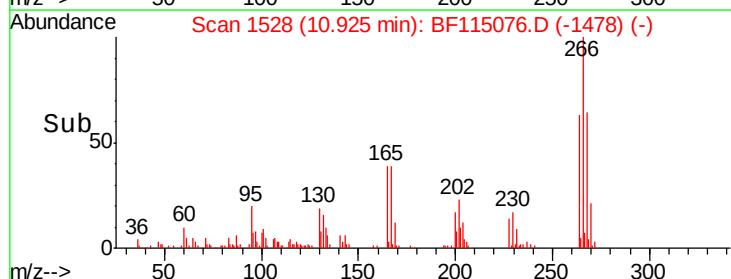
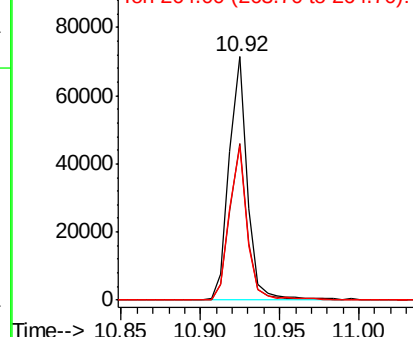


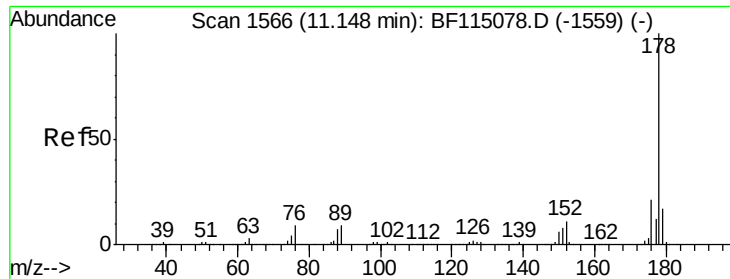
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 12.738 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

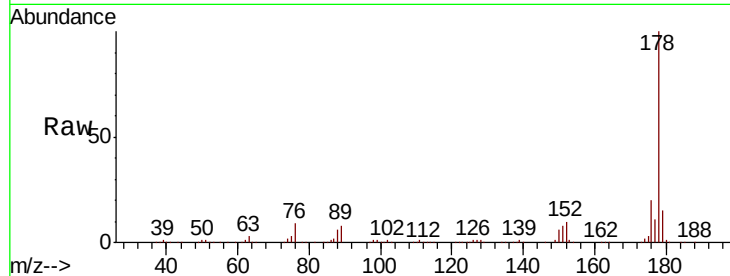
ClientSampleId :

SSTDIC010

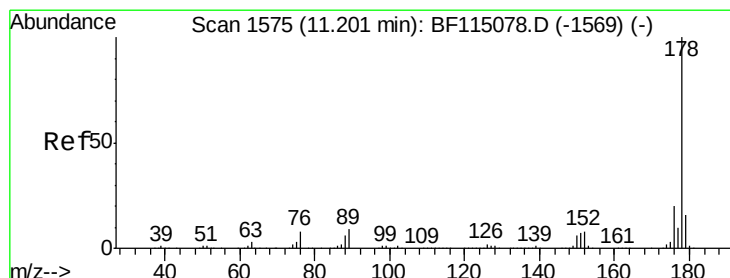
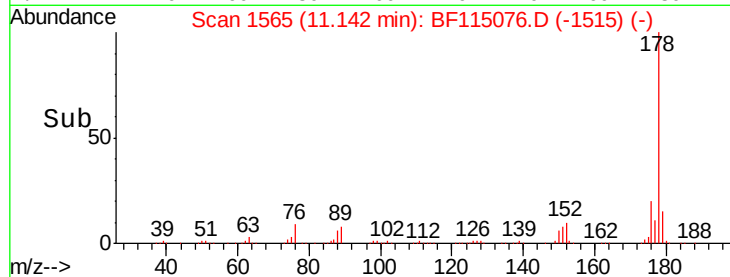
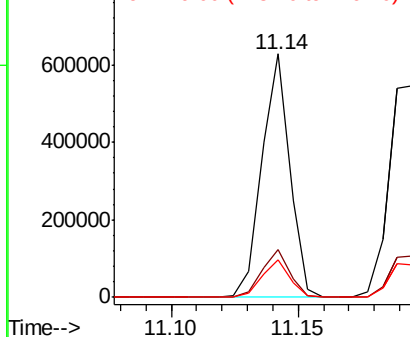
Tot Ion:178	Resp:	483568
Ion Ratio	Lower	Upper
178	100	
176	19.8	16.9 25.3
179	15.3	13.2 19.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 12.663 ng

RT: 11.20 min Scan# 1574

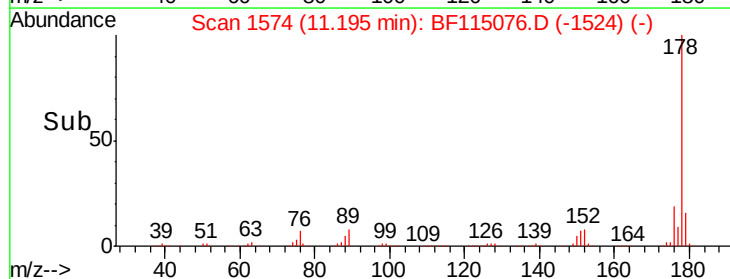
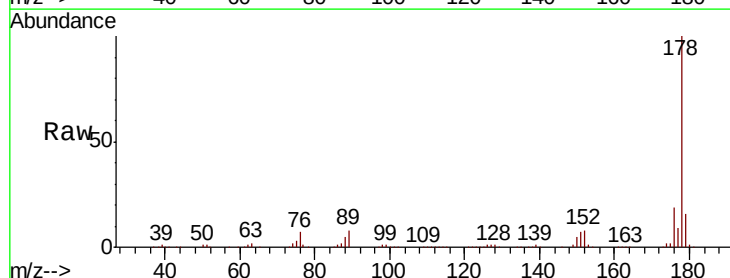
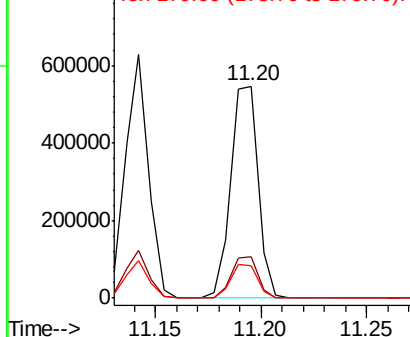
Delta R.T. -0.01 min

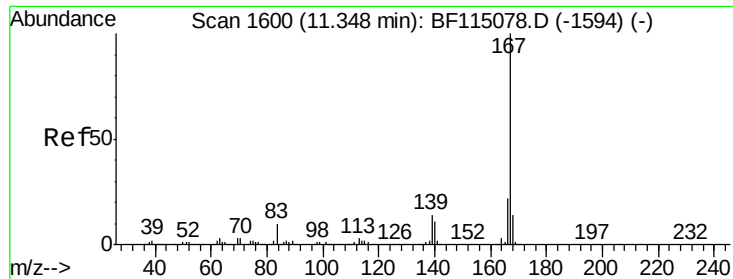
Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:178	Resp:	485002
Ion Ratio	Lower	Upper
178	100	
176	19.3	16.1 24.1
179	15.6	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





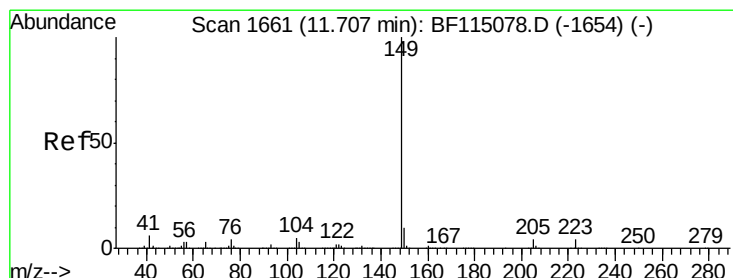
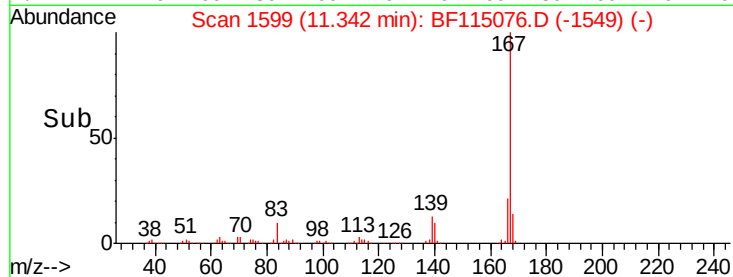
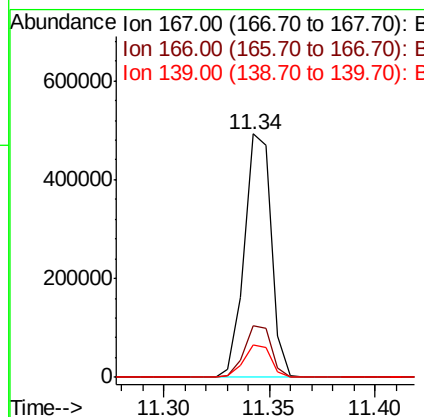
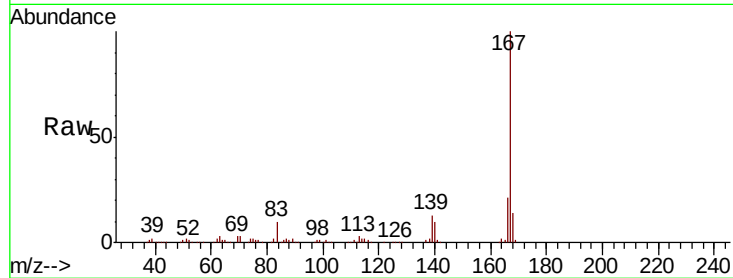
#73
 Carbazole
 Concen: 12.973 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	167	Resp:	433676
Ion Ratio	Lower	Upper	
167	100		
166	21.1	18.0	27.0
139	13.3	11.1	16.7

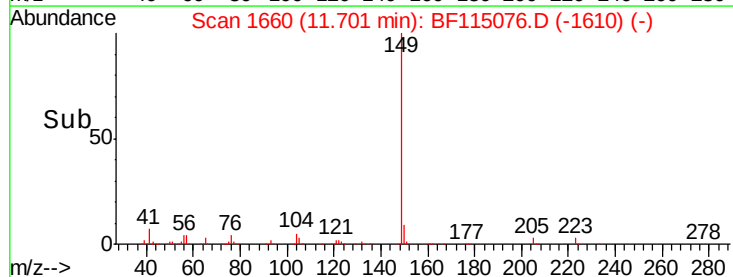
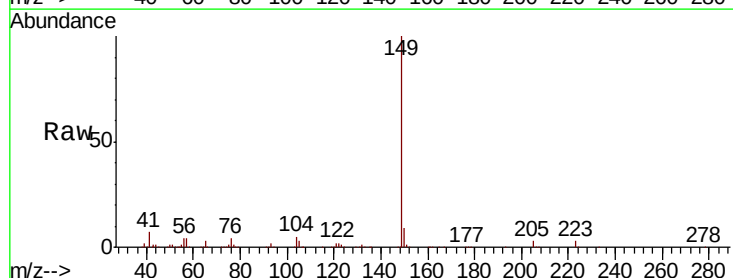
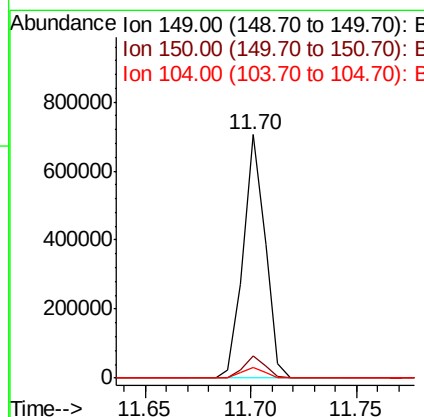
Manual Integrations
 APPROVED

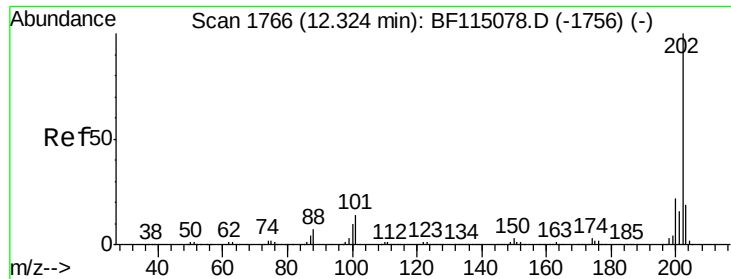
mohammad
 6/25/2019 12:41:03 PM



#74
 Di-n-butylphthalate
 Concen: 12.036 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115076.D
 Acq: 21 Jun 2019 13:45

Tgt Ion:	149	Resp:	507239
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.8
104	4.6	3.7	5.5





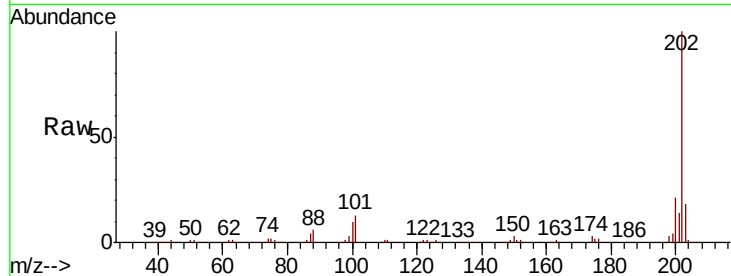
#75
Fluoranthene
Concen: 12.537 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

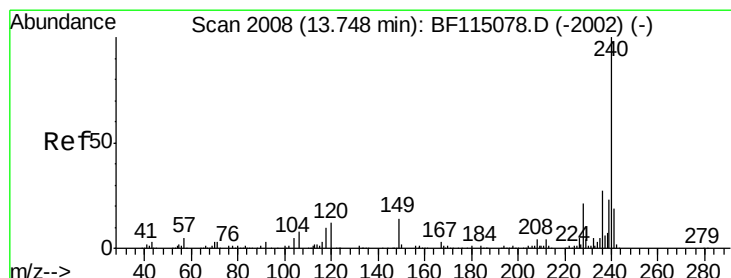
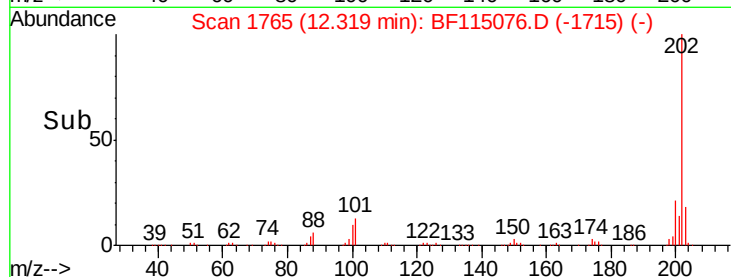
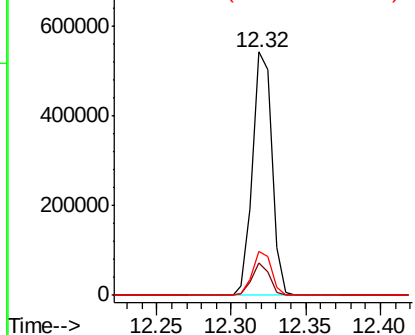
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	34.0
203	17.9	0.0	38.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

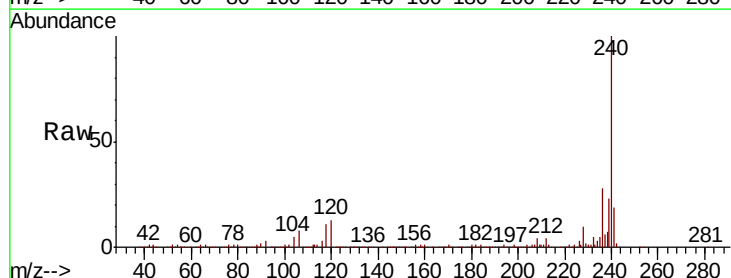


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

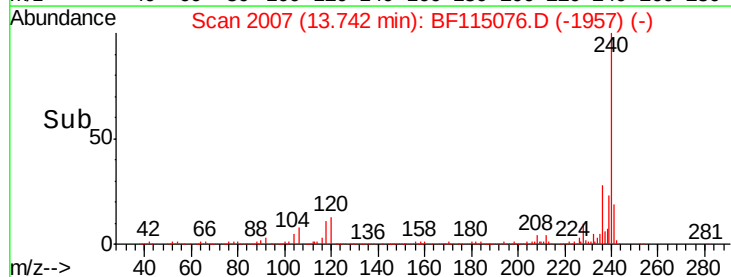
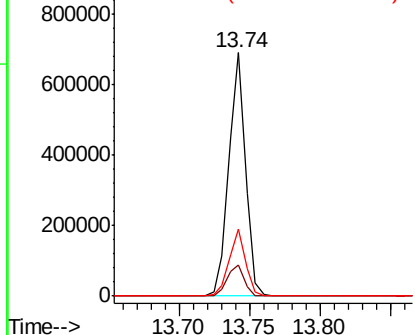


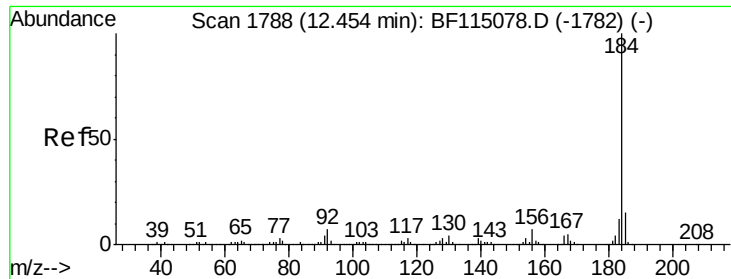
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	9.4	14.2
236	27.6	21.7	32.5



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





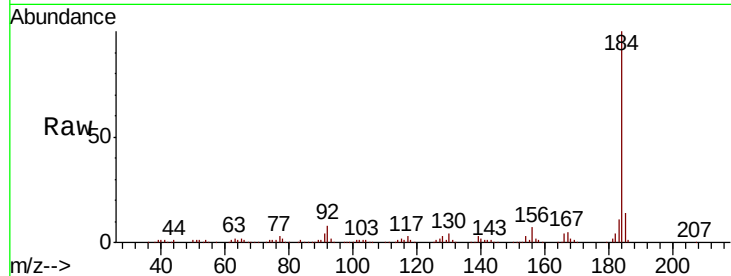
#77
Benzidine
Concen: 13.124 ng
RT: 12.45 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.2
183	11.3	9.6	14.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

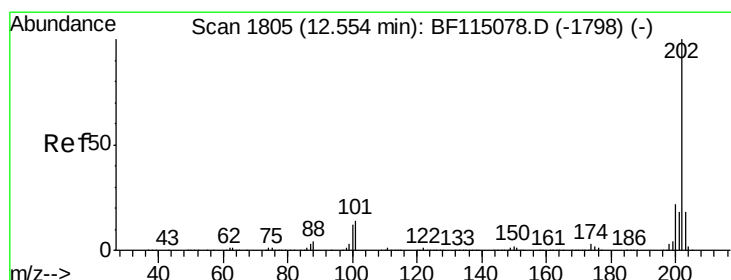
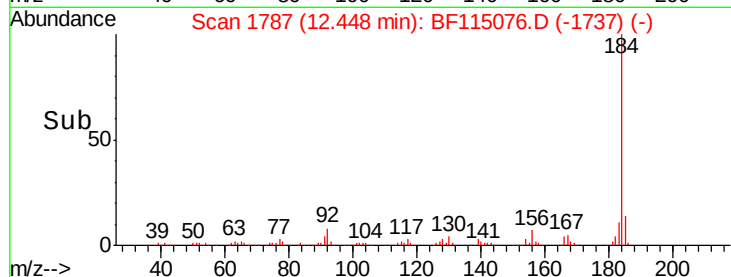
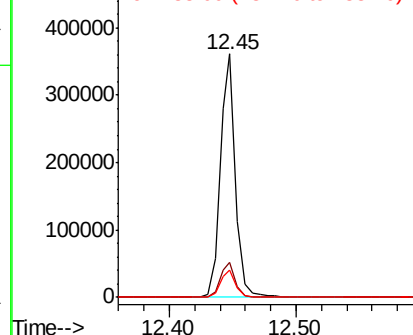


Abundance

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: 9.740 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

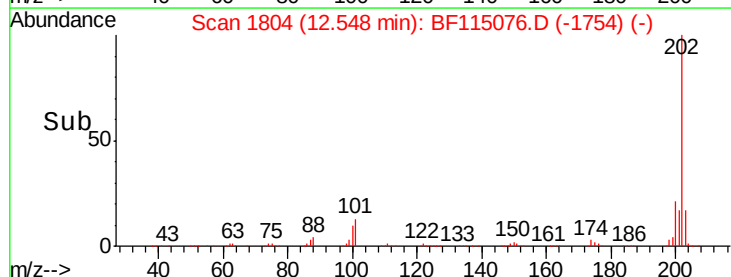
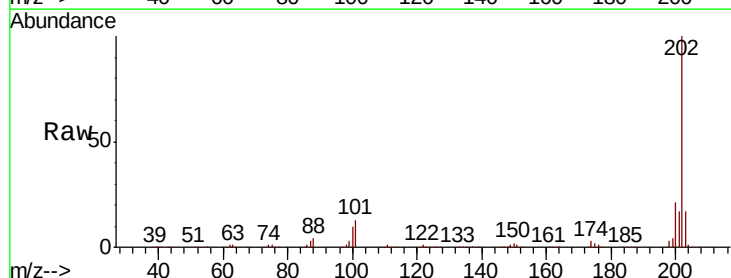
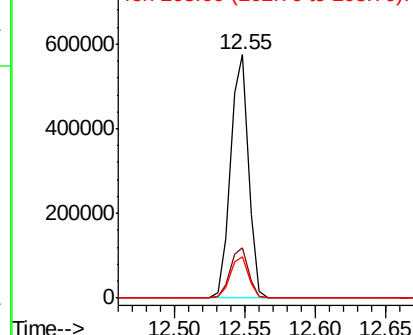
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.9	26.9
203	17.3	14.6	21.8

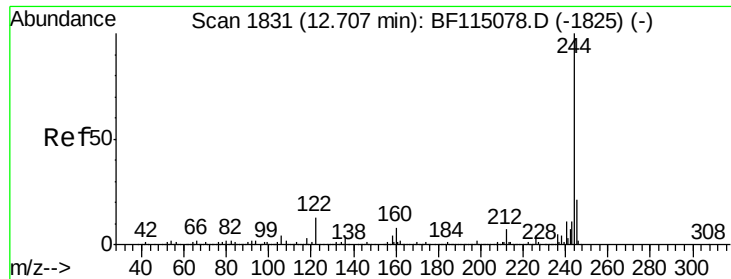
Abundance

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: 22.686 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

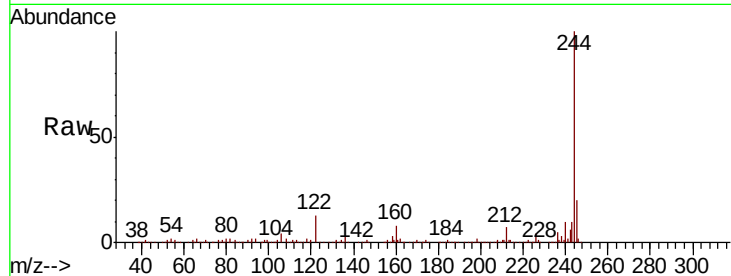
ClientSampled :

SSTDIC010

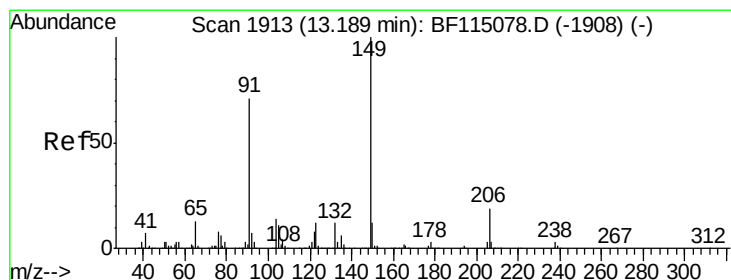
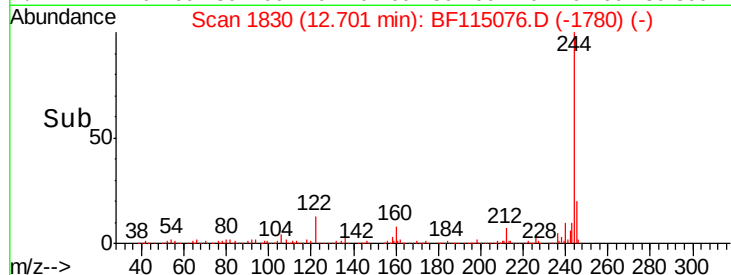
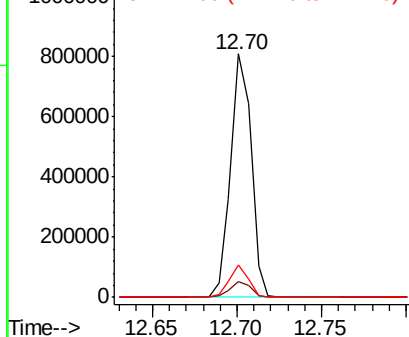
Tot Ion:	244	Resp:	686030
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.3	10.4	15.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 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: 7.965 ng

RT: 13.19 min Scan# 1913

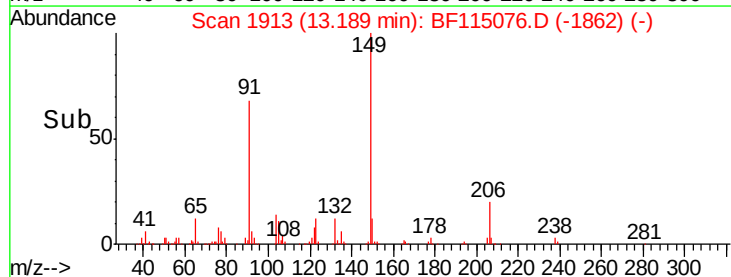
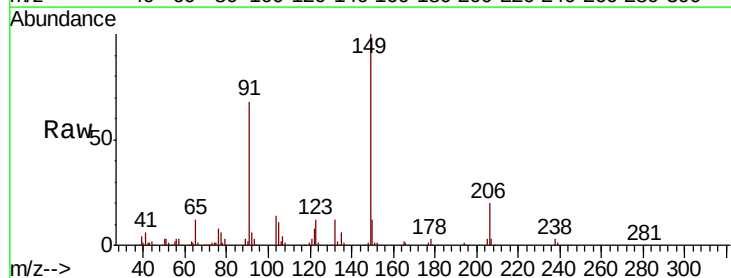
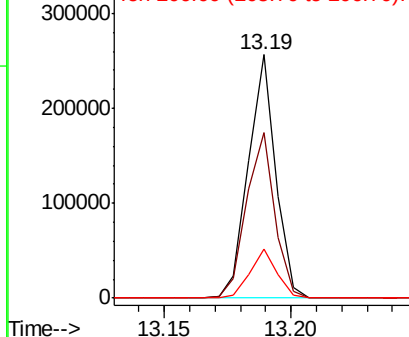
Delta R.T. 0.00 min

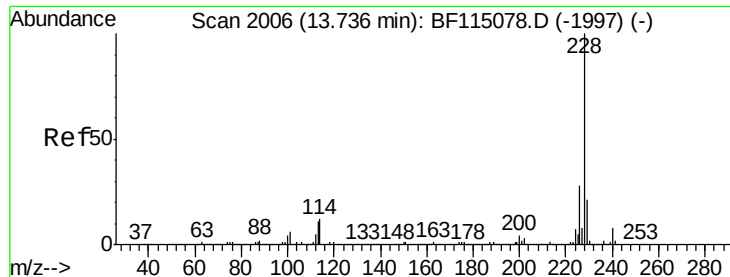
Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:	149	Resp:	192766
Ion Ratio		Lower	Upper
149	100		
91	67.8	56.5	84.7
206	20.0	15.3	22.9

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





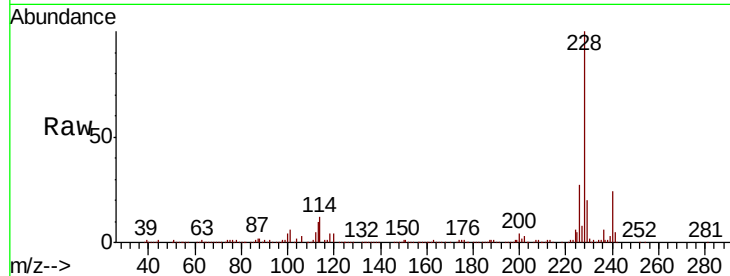
#81
Benzo(a)anthracene
Concen: 10.477 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	20.1	16.6	24.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

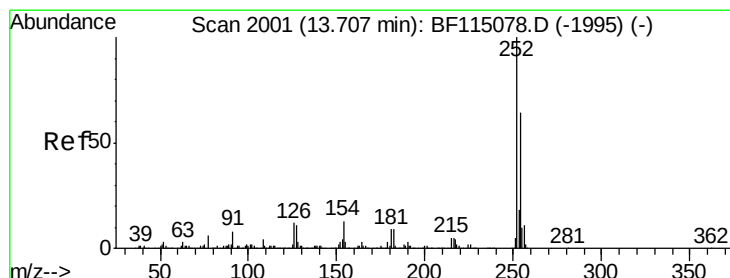
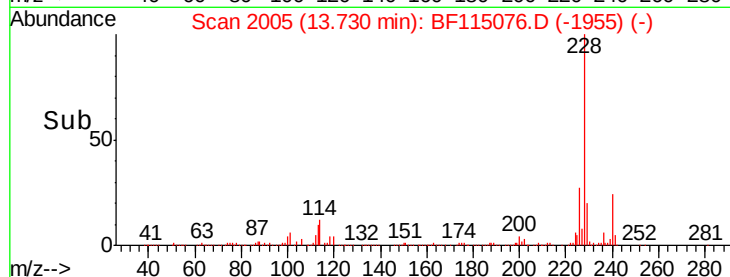
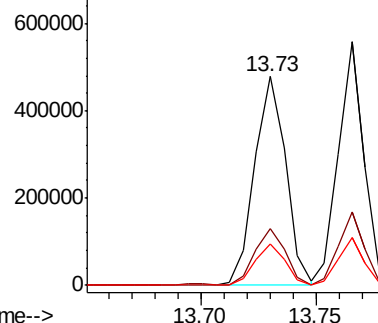


Abundance

Ion 228.00 (227.70 to 228.70): E

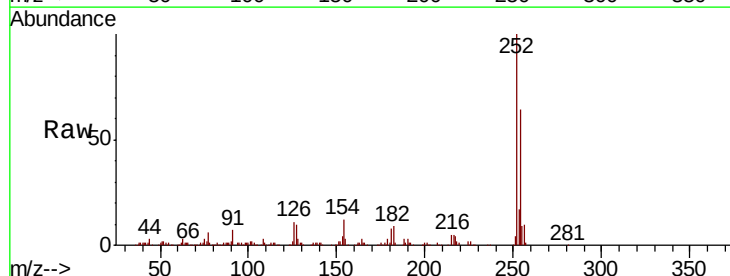
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 9.741 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.1	76.7
126	10.9	9.4	14.0

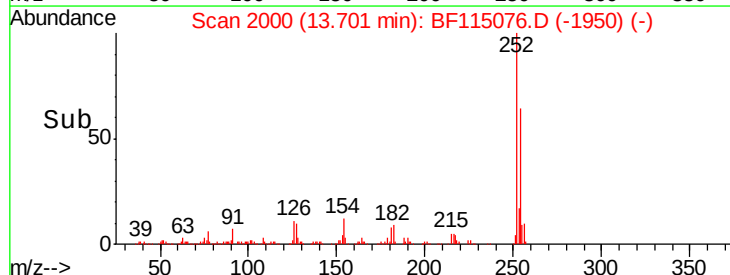
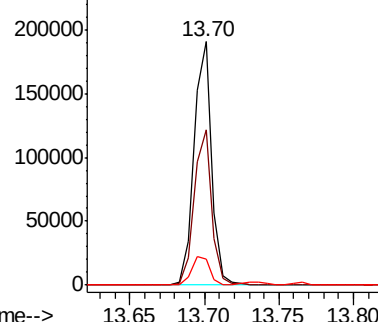


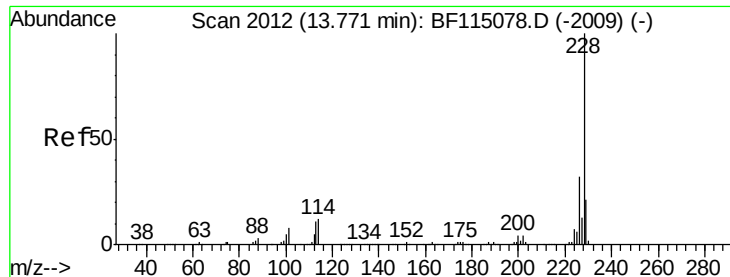
Abundance

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





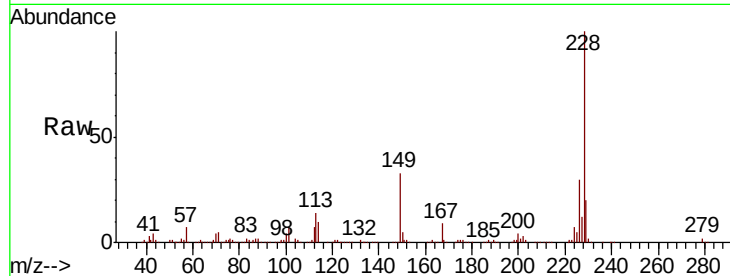
#83
Chrysene
Concen: 10.250 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	19.8	16.5	24.7

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM

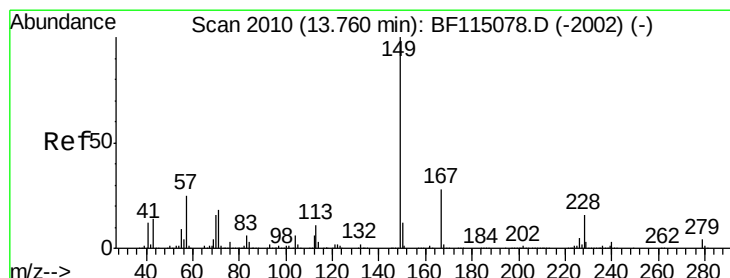
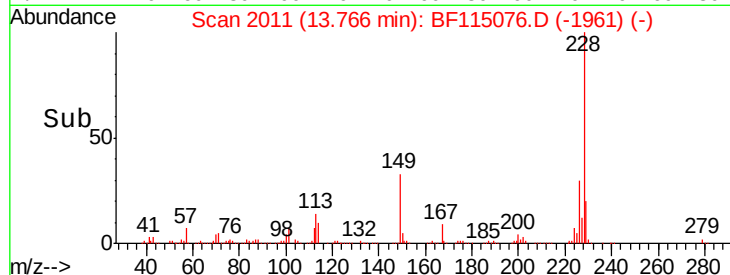
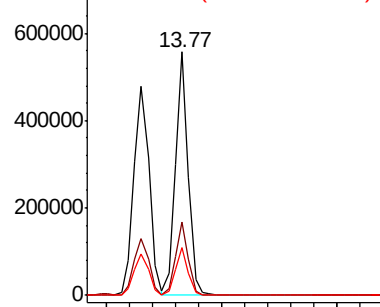


Abundance

Ion 228.00 (227.70 to 228.70): E

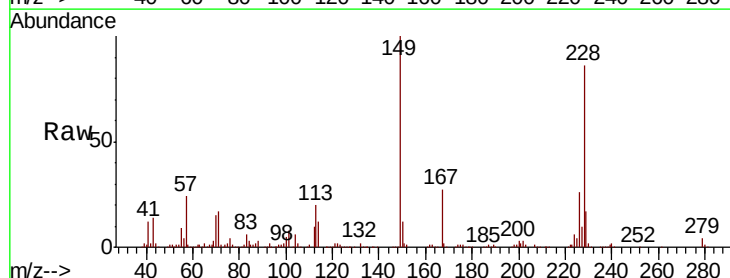
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.743 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.4
279	3.7	2.9	4.3

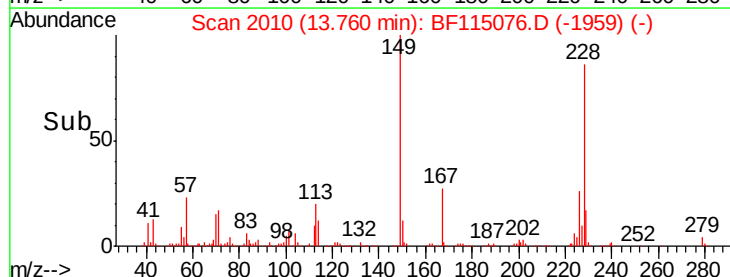
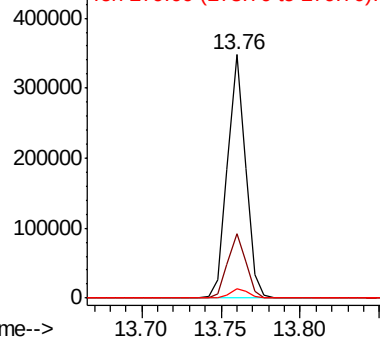


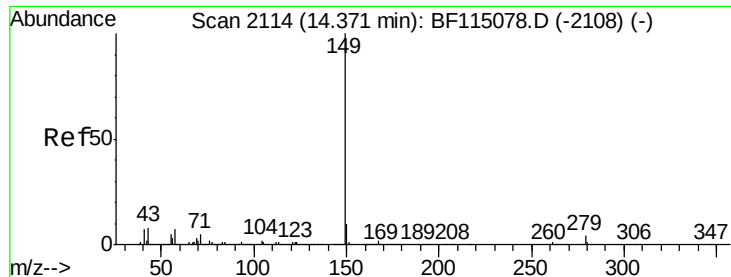
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





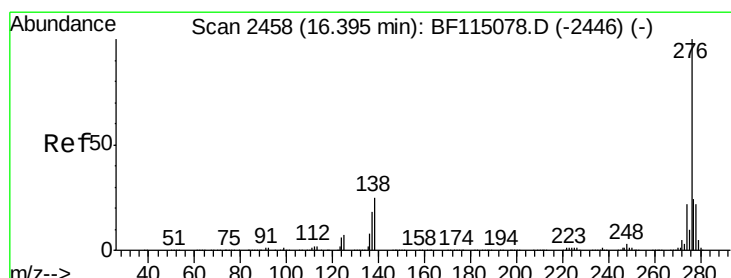
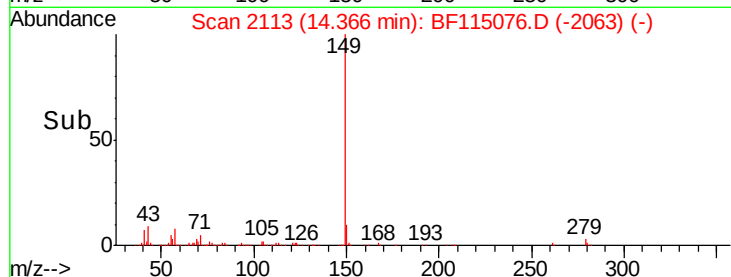
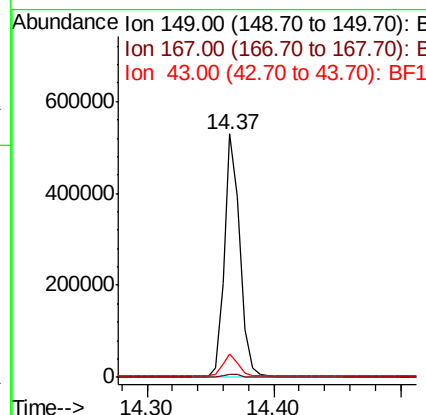
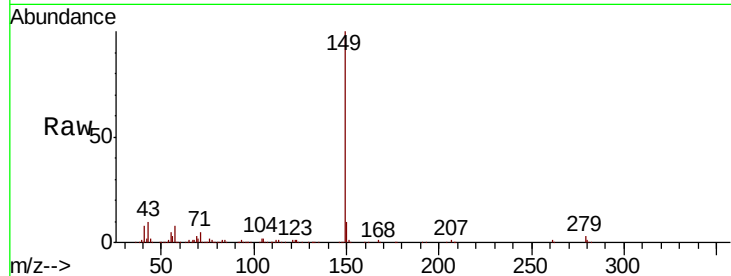
#85
Di-n-octyl phthalate
Concen: 9.251 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
149	100	455680		
167	1.5		1.2	1.8
43	9.2		7.0	10.6

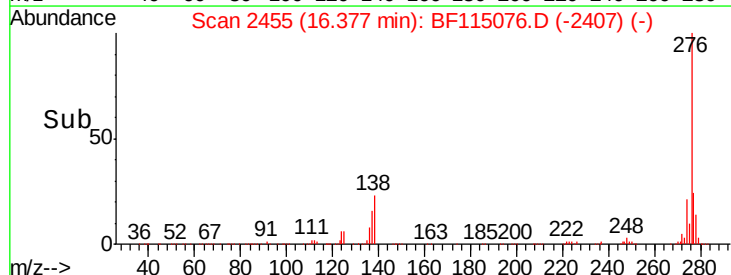
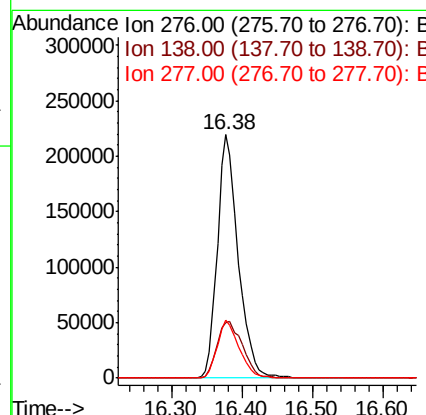
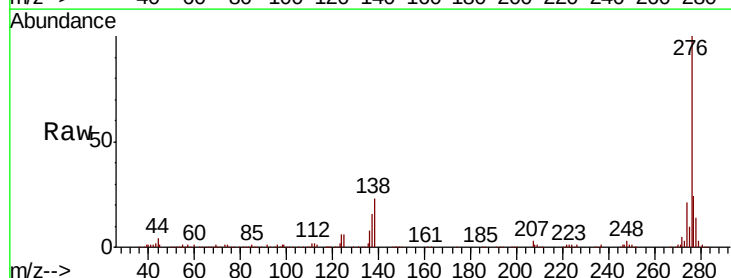
Manual Integrations
APPROVED

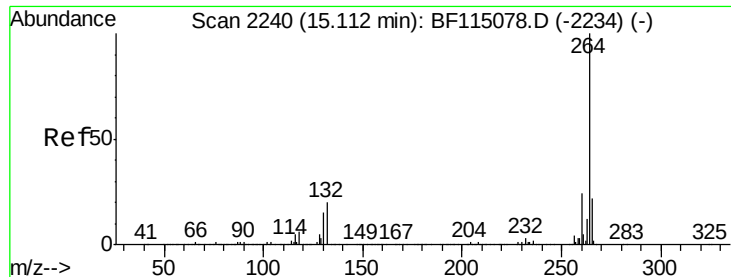
mohammad
6/25/2019 12:41:03 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 12.093 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	449629		
138	28.6		23.2	34.8
277	24.9		20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_F

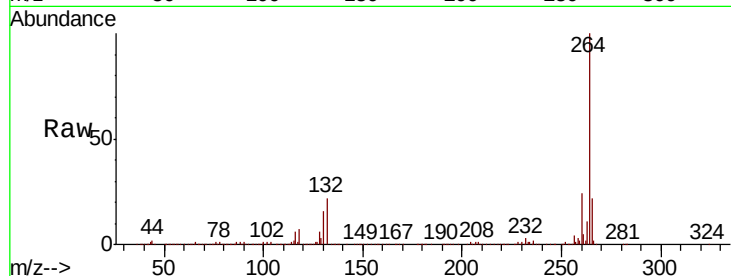
ClientSampleId :

SSTDIC010

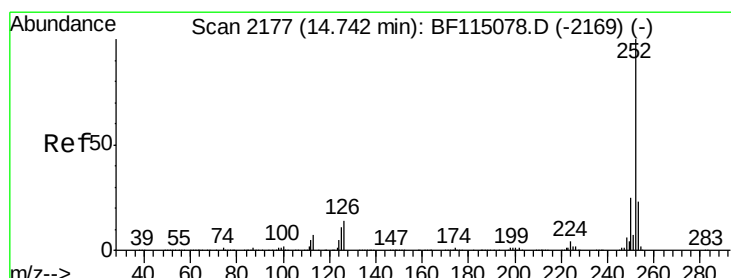
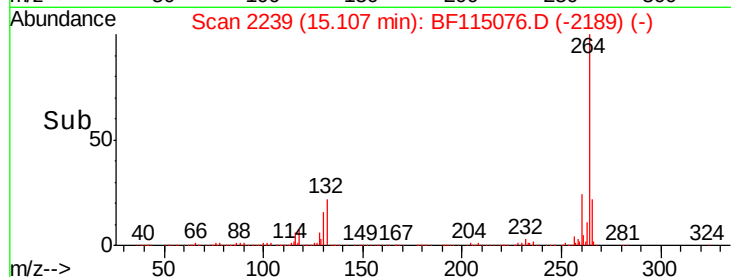
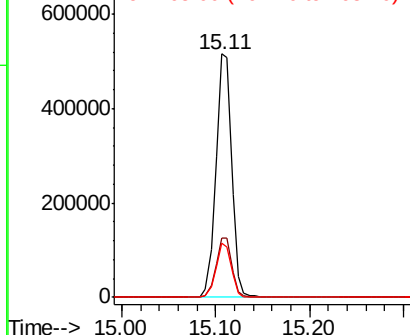
Tot Ion:	264	Resp:	610188
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.6	29.4
265	22.3	17.3	25.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.108 ng

RT: 14.73 min Scan# 2175

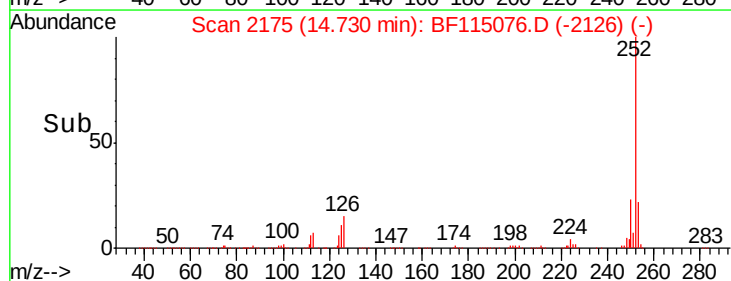
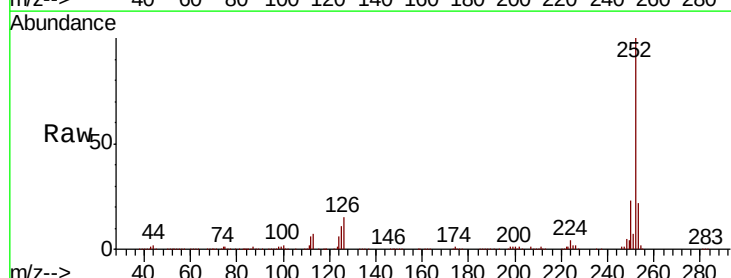
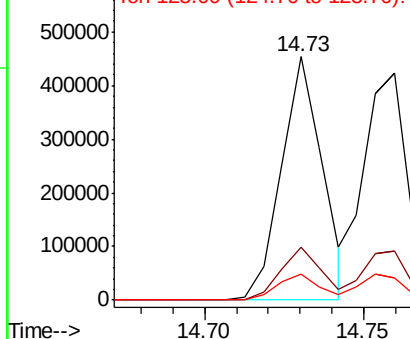
Delta R.T. -0.01 min

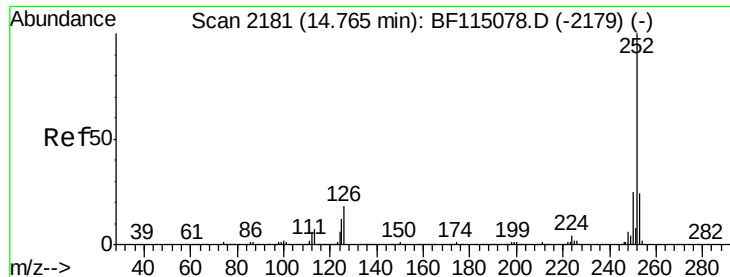
Lab File: BF115076.D

Acq: 21 Jun 2019 13:45

Tgt Ion:	252	Resp:	410024
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	10.9	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





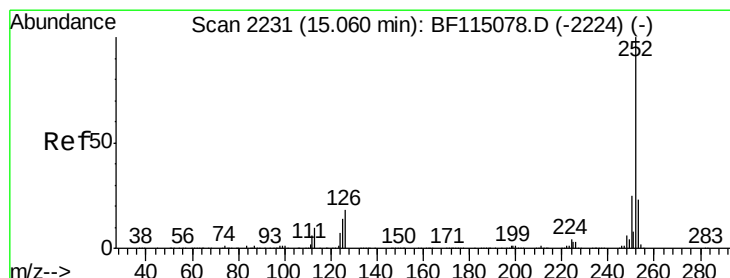
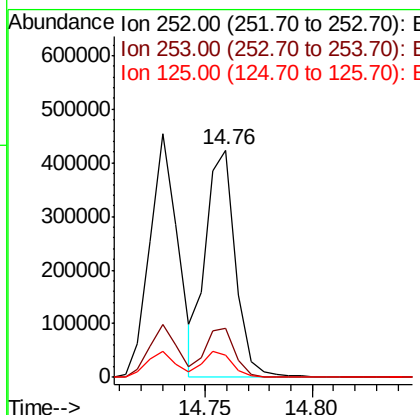
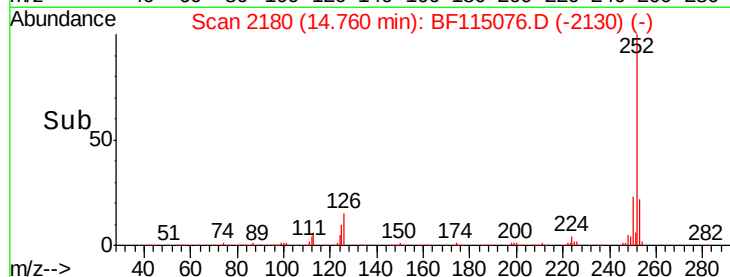
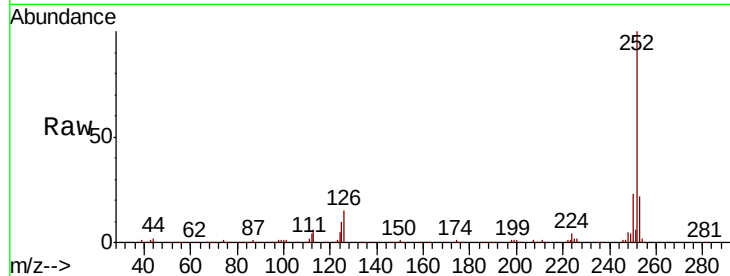
#89
Benzo(k)fluoranthene
Concen: 11.633 ng m
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	10.0	10.2	15.2

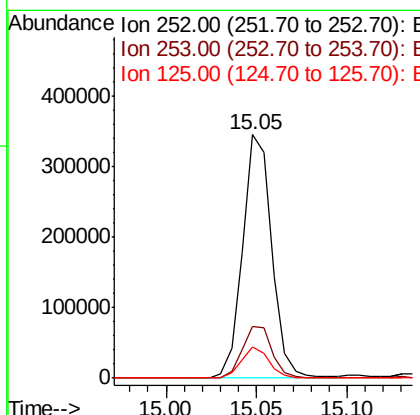
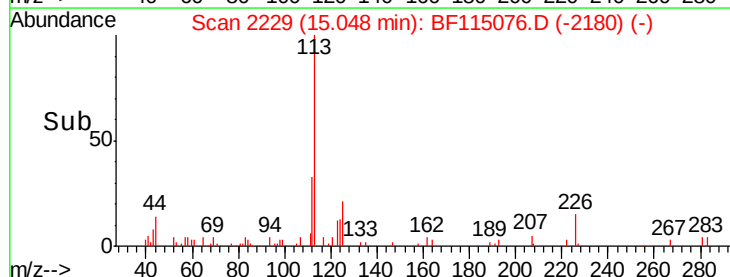
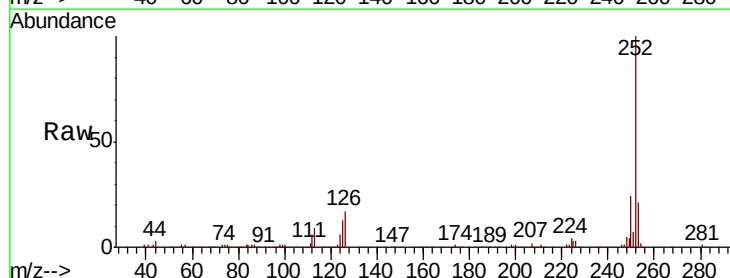
Manual Integrations
APPROVED

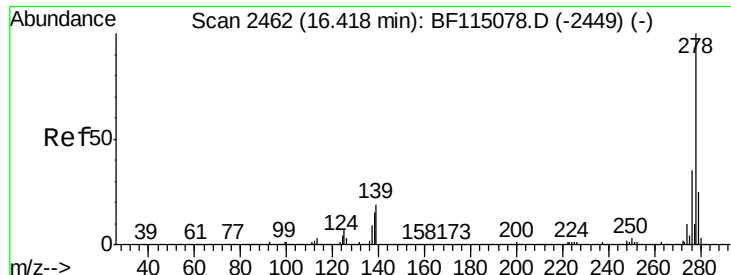
mohammad
6/25/2019 12:41:03 PM



#90
Benzo(a)pyrene
Concen: 11.034 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	12.8	10.9	16.3





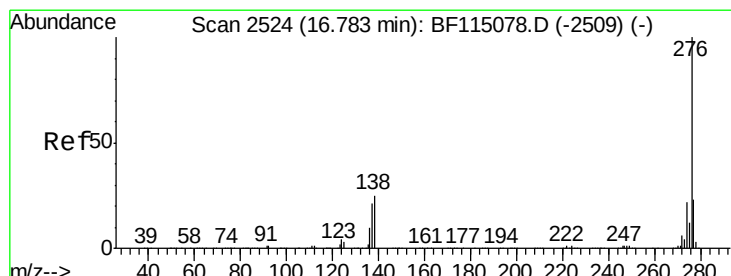
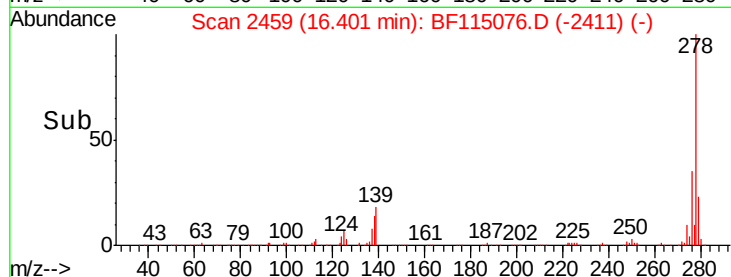
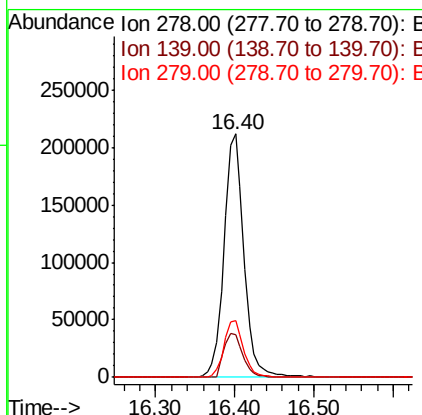
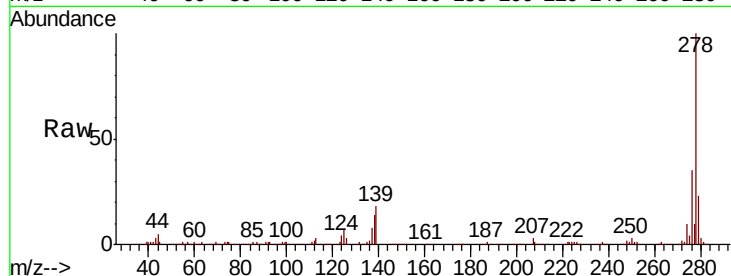
#91
Dibenzo(a,h)anthracene
Concen: 12.266 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.4	23.2
279	23.4	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:03 PM



#92
Benzo(g,h,i)perylene
Concen: 11.943 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115076.D
Acq: 21 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	25.2	19.8	29.6

