

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115192.D
 Acq On : 25 Jun 2019 17:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM

Quant Time: Jun 26 07:02:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	211086	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	881075	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	439335	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	875747	20.00	ng	0.00
76) Chrysene-d12	13.73	240	648559	20.00	ng	-0.02
87) Perylene-d12	15.09	264	793753	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1098945	80.34	ng	0.00
7) Phenol-d6	6.25	99	1358492	81.82	ng	0.00
23) Nitrobenzene-d5	7.18	82	1190326	83.11	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	416572	89.92	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2195595	84.89	ng	-0.01
79) Terphenyl-d14	12.70	244	2520196	82.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	258726	40.077	ng	98
3) Pyridine	2.81	79	705369	38.766	ng	100
4) n-Nitrosodimethylamine	2.76	42	269287	37.752	ng	100
6) Aniline	6.27	93	923745	40.483	ng	97
8) 2-Chlorophenol	6.40	128	637692	41.460	ng	100
9) Benzaldehyde	6.15	77	419790	38.756	ng	99
10) Phenol	6.27	94	782696	40.246	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	581415	40.557	ng	99
12) 1,3-Dichlorobenzene	6.55	146	706210	41.371	ng	100
13) 1,4-Dichlorobenzene	6.63	146	710420	41.503	ng	100
14) 1,2-Dichlorobenzene	6.78	146	672038	42.395	ng	98
15) Benzyl Alcohol	6.76	79	429919	35.561	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	842949	40.541	ng	97
17) 2-Methylphenol	6.87	107	505178	39.791	ng	98
18) Hexachloroethane	7.13	117	257305	41.695	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	420569	39.567	ng	98
20) 3+4-Methylphenols	7.03	107	614315	41.905	ng	97
22) Acetophenone	7.02	105	817698	40.539	ng	98
24) Nitrobenzene	7.20	77	653917	41.442	ng	99
25) Isophorone	7.44	82	1173267	39.987	ng	99
26) 2-Nitrophenol	7.51	139	350745	45.011	ng	99
27) 2,4-Dimethylphenol	7.56	122	522535	40.956	ng	100
28) bis(2-Chloroethoxy)methane	7.65	93	748663	40.371	ng	99
29) 2,4-Dichlorophenol	7.75	162	543437	41.274	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	611347	42.035	ng	99
31) Naphthalene	7.92	128	1792308	41.441	ng	100
32) Benzoic acid	7.68	122	451375m	49.562	ng	
33) 4-Chloroaniline	7.97	127	815554	41.260	ng	99
34) Hexachlorobutadiene	8.04	225	337810	42.385	ng	98
35) Caprolactam	8.34	113	180586	40.794	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	564123	42.306	ng	100
37) 2-Methylnaphthalene	8.61	142	1209031	41.460	ng	99
38) 1-Methylnaphthalene	8.71	142	1157422	41.558	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	528951	42.606	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115192.D
 Acq On : 25 Jun 2019 17:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

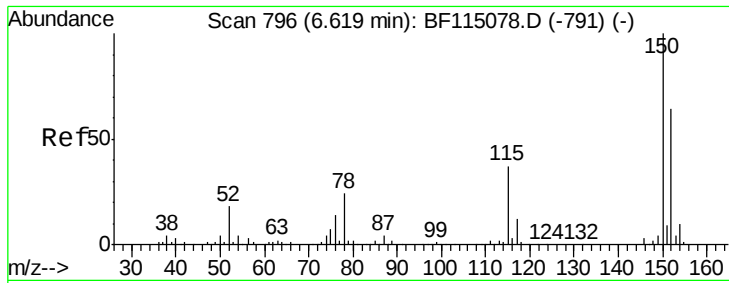
Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM

Quant Time: Jun 26 07:02:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	292261	39.701	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	386837	40.360	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	435781	44.150	ng	98
46) 1,1'-Biphenyl	9.07	154	1420105	40.398	ng	98
47) 2-Chloronaphthalene	9.09	162	1199409	42.063	ng	97
48) 2-Nitroaniline	9.18	65	358725	43.151	ng	95
49) Acenaphthylene	9.50	152	1855100	41.757	ng	99
50) Dimethylphthalate	9.38	163	1360307	42.085	ng	99
51) 2,6-Dinitrotoluene	9.43	165	324270	43.454	ng	87
52) Acenaphthene	9.67	154	1180950	42.480	ng	99
53) 3-Nitroaniline	9.59	138	378826	41.600	ng	95
54) 2,4-Dinitrophenol	9.70	184	170774	47.735	ng	99
55) Dibenzofuran	9.84	168	1629814	40.847	ng	99
56) 4-Nitrophenol	9.75	139	304572	41.718	ng	98
57) 2,4-Dinitrotoluene	9.82	165	427837	44.403	ng	94
58) Fluorene	10.18	166	1138910	42.507	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	366735	44.310	ng	97
60) Diethylphthalate	10.07	149	1367963	42.103	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	563662	44.586	ng	100
62) 4-Nitroaniline	10.20	138	388408	42.516	ng	97
63) Azobenzene	10.34	77	1240074	40.862	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	213141	45.975	ng	87
66) n-Nitrosodiphenylamine	10.30	169	1116620	40.926	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	407597	42.928	ng	98
68) Hexachlorobenzene	10.73	284	440193	42.712	ng	98
69) Atrazine	10.83	200	378401	43.114	ng	100
70) Pentachlorophenol	10.92	266	293163	44.650	ng	97
71) Phenanthrene	11.14	178	1874141	39.747	ng	100
72) Anthracene	11.19	178	1884084	39.585	ng	100
73) Carbazole	11.34	167	1763335	41.489	ng	99
74) Di-n-butylphthalate	11.69	149	2106521	42.891	ng	99
75) Fluoranthene	12.31	202	1968135	41.835	ng	99
77) Benzidine	12.44	184	1127234	39.142	ng	99
78) Pyrene	12.54	202	2005248	40.232	ng	99
80) Butylbenzylphthalate	13.17	149	937810	42.636	ng	99
81) Benzo(a)anthracene	13.72	228	1921400	41.288	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	722394	42.987	ng	98
83) Chrysene	13.76	228	1789806	41.986	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1255008	43.544	ng	99
85) Di-n-octyl phthalate	14.35	149	2140824	44.209	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2290159	45.402	ng	99
88) Benzo(b)fluoranthene	14.72	252	1972178	39.820	ng	99
89) Benzo(k)fluoranthene	14.75	252	1766660	39.775	ng	97
90) Benzo(a)pyrene	15.04	252	1821429	40.802	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1855716	44.529	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1862786	44.163	ng	99

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



#1

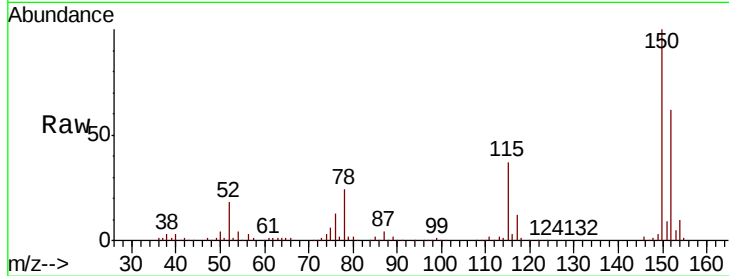
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.2	186.2
115	58.9	46.1	69.1

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

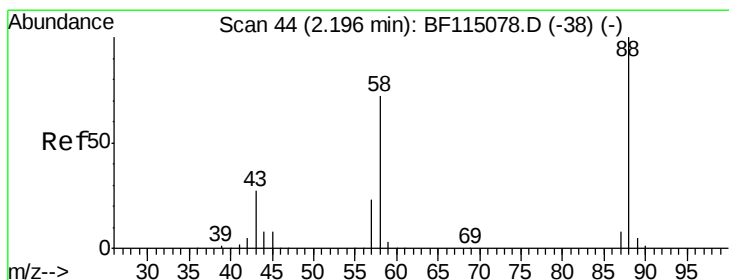
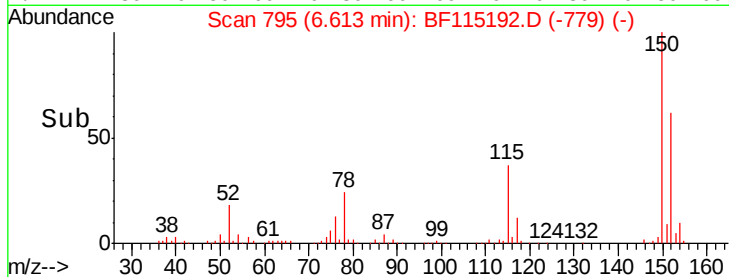
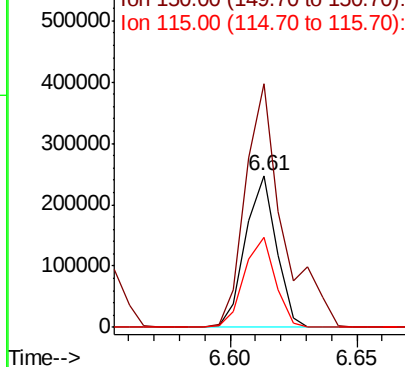


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

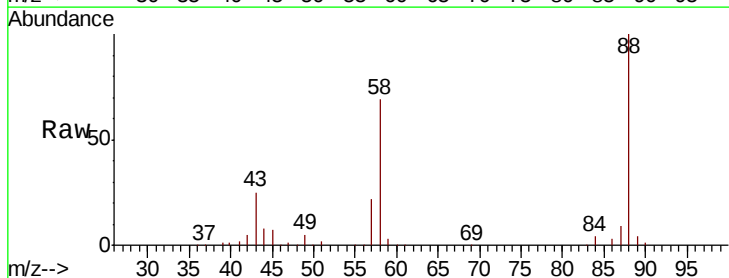
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.077 ng
RT: 2.17 min Scan# 39
Delta R.T. -0.03 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	56.1	84.1
43	25.6	21.3	31.9

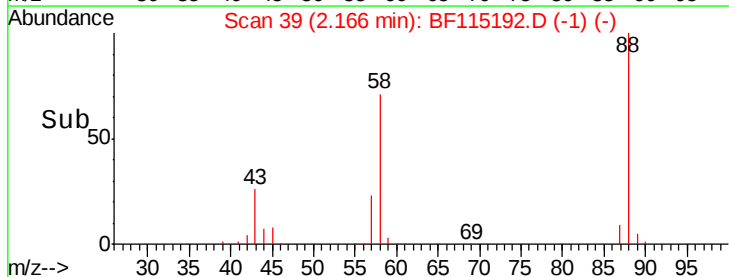
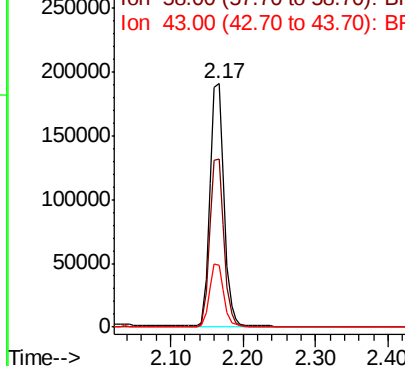


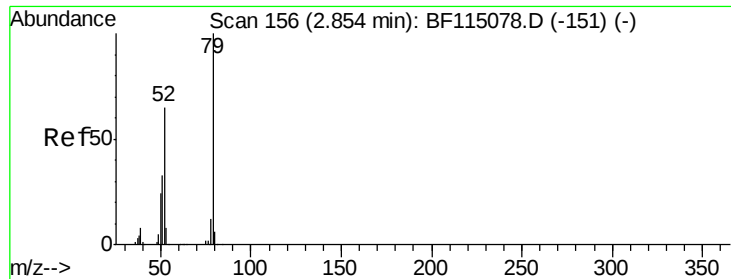
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





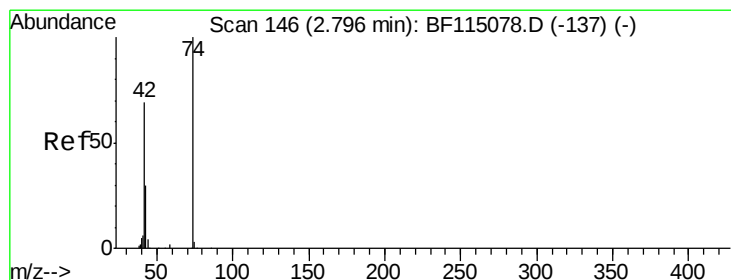
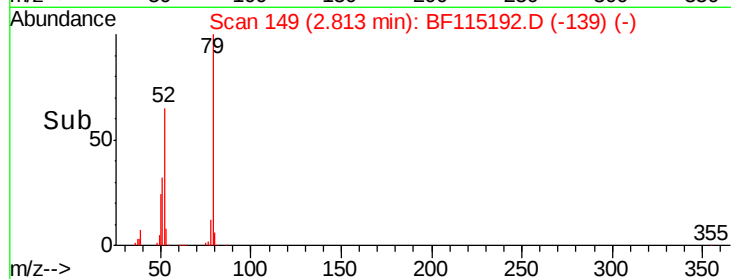
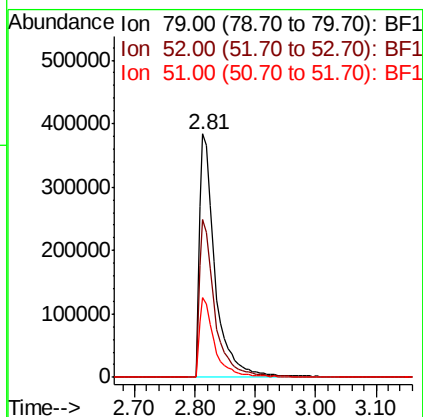
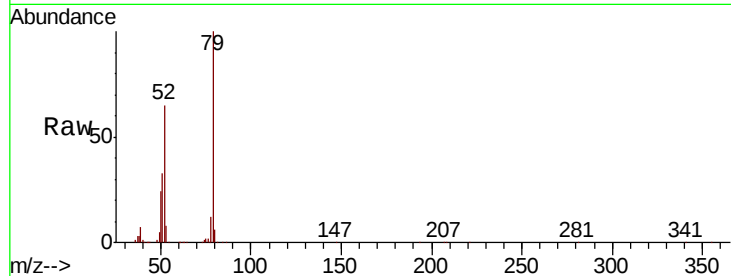
#3
Pvridine
Concen: 38.766 ng
RT: 2.81 min Scan# 149
Delta R.T. -0.04 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.3	78.5
51	32.6	26.1	39.1

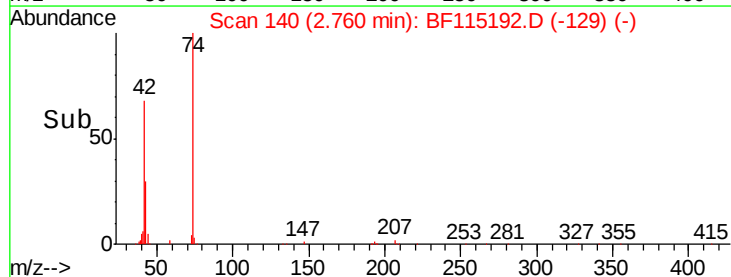
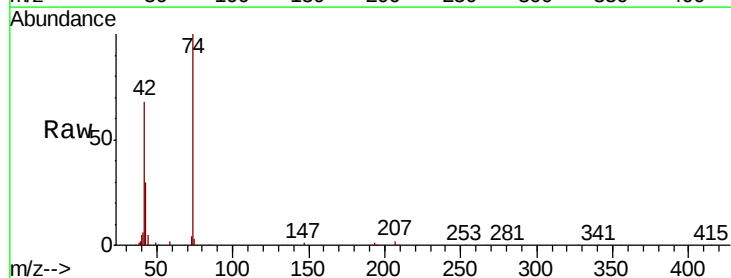
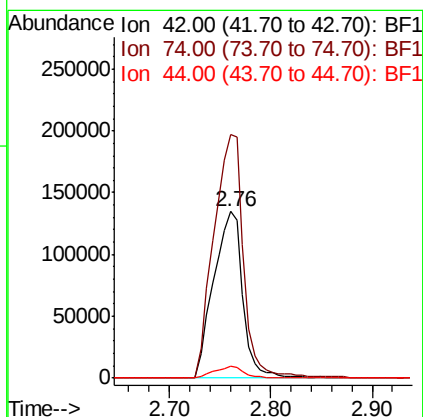
Manual Integrations
APPROVED

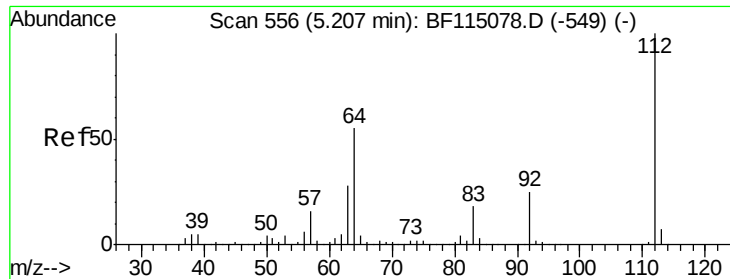
mohammad
6/26/2019 2:03:31 PM



#4
n-Nitrosodimethylamine
Concen: 37.752 ng
RT: 2.76 min Scan# 140
Delta R.T. -0.04 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.4	116.6	175.0
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 80.340 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

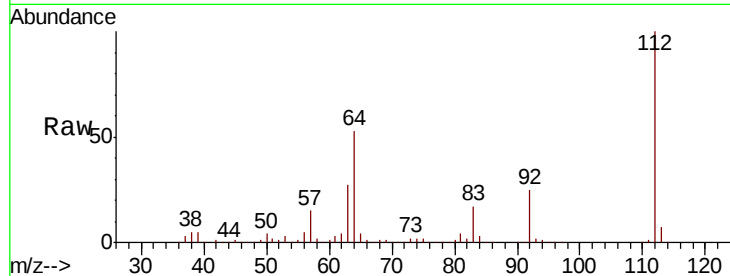
ClientSampled :

SSTDCCC040

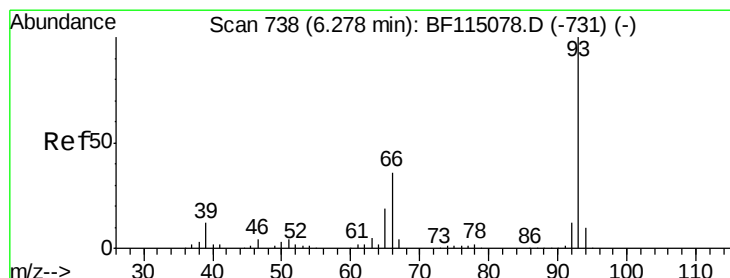
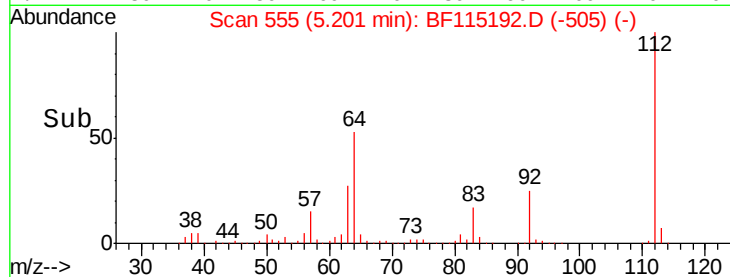
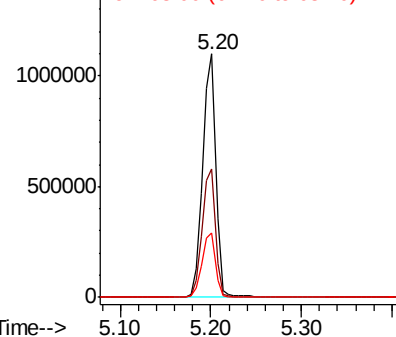
Tot Ion:	112	Resp:	1098945
Ion	Ratio	Lower	Upper
112	100		
64	52.8	43.8	65.6
63	26.7	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



Abundance Ion 112.00 (111.70 to 112.70): E
1500000
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.483 ng

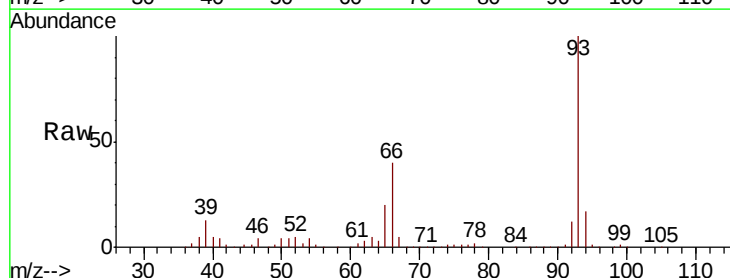
RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

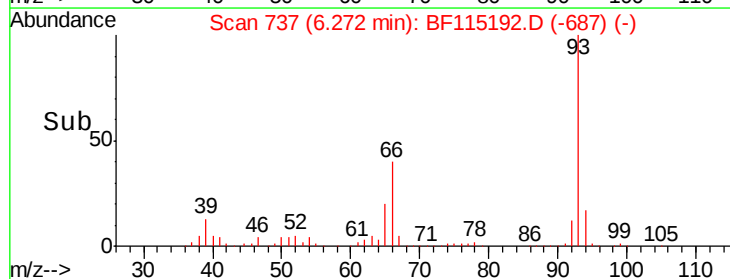
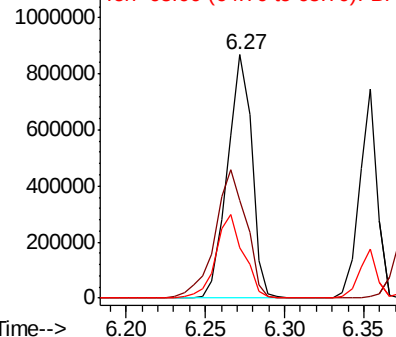
Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Tgt Ion:	93	Resp:	923745
Ion	Ratio	Lower	Upper
93	100		
66	40.0	30.0	45.0
65	20.4	15.6	23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
1200000
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.824 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1358492

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

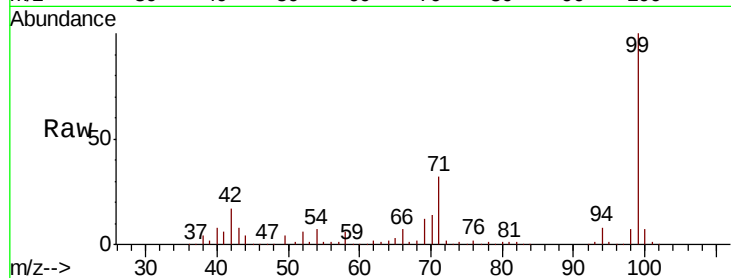
71 32.3 25.5 38.3

Manual Integrations

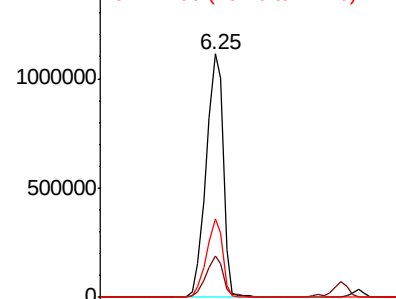
APPROVED

mohammad

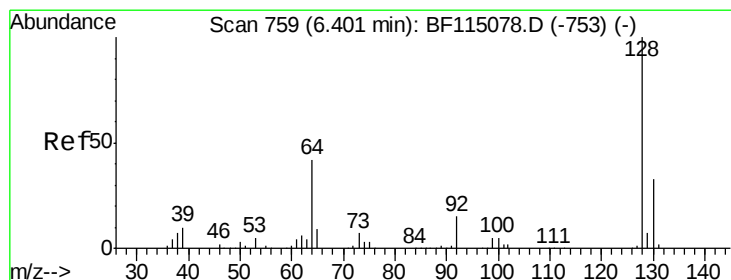
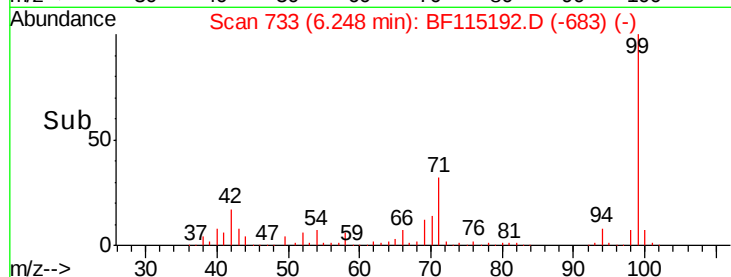
6/26/2019 2:03:31 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 41.460 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

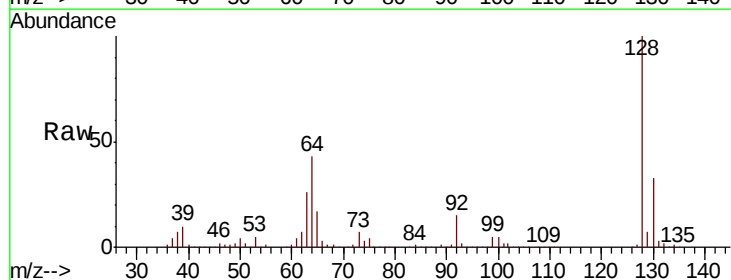
Tgt Ion: 128 Resp: 637692

Ion Ratio Lower Upper

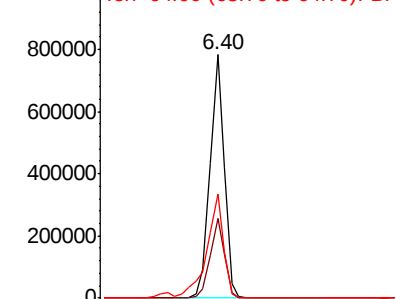
128 100

130 32.6 12.9 52.9

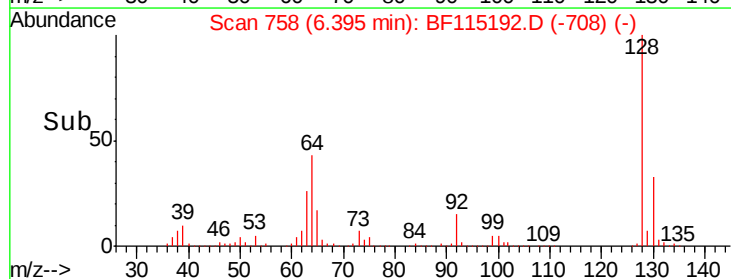
64 42.6 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
1000000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





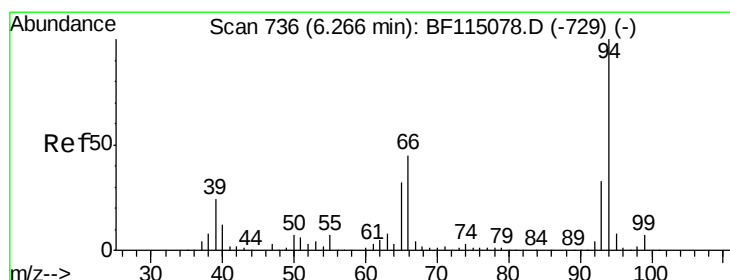
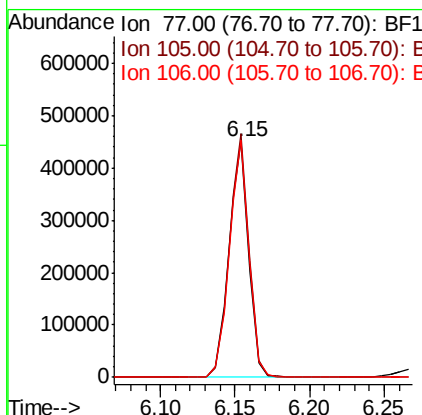
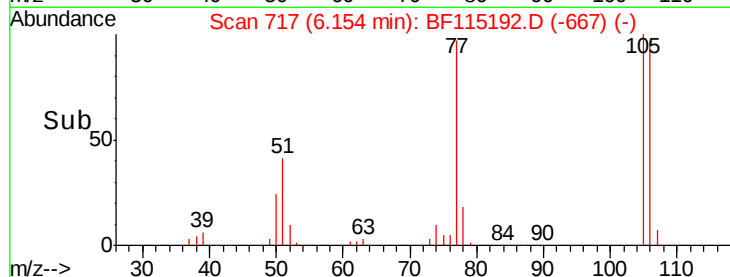
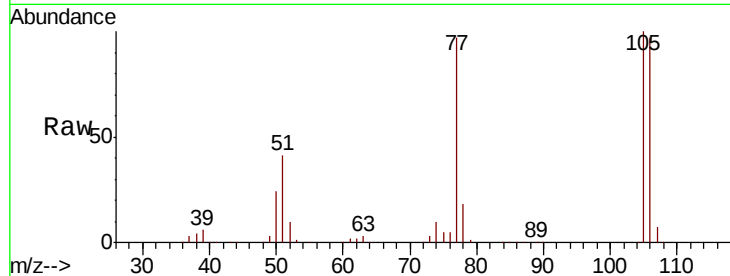
#9
Benzaldehyde
Concen: 38.756 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.3	81.5	121.5
106	100.6	79.7	119.7

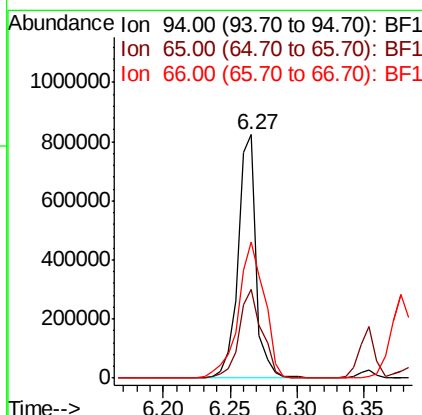
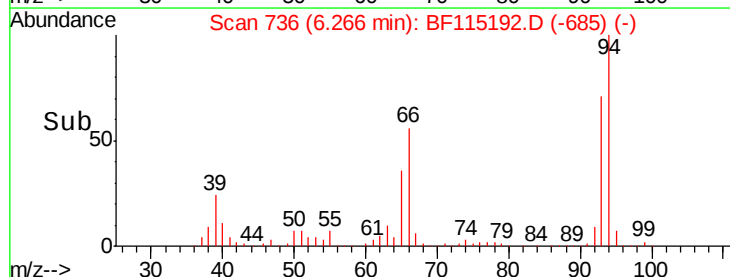
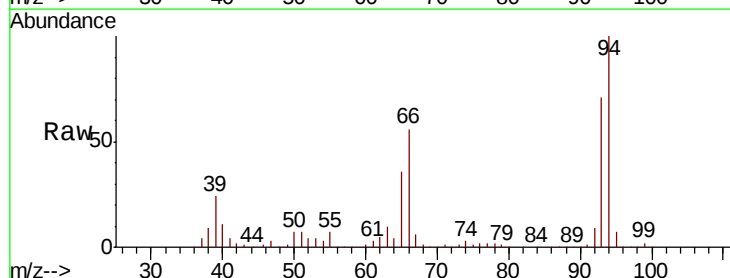
Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#10
Phenol
Concen: 40.246 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	11.9	51.9
66	55.7	25.2	65.2





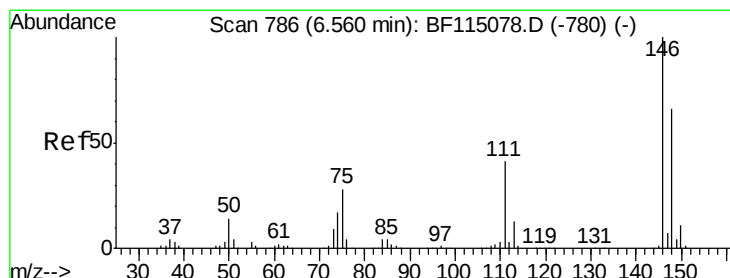
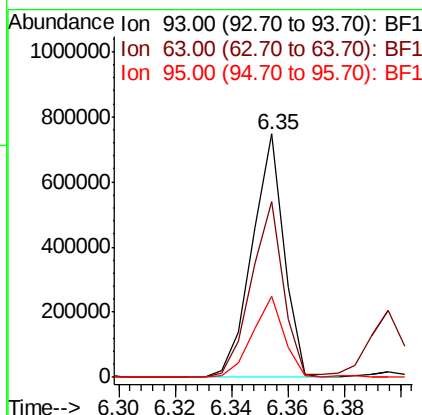
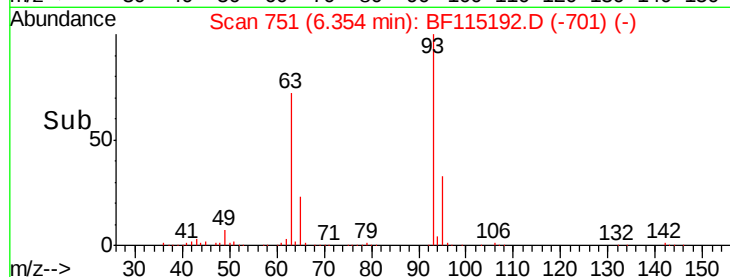
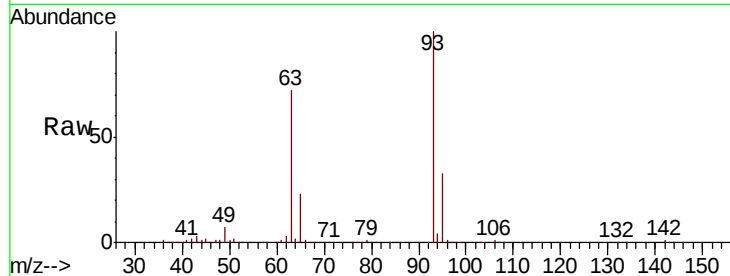
#11
bis(2-Chloroethyl)ether
Concen: 40.557 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		581415		
63	72.3	51.5	91.5		
95	33.3	13.4	53.4		

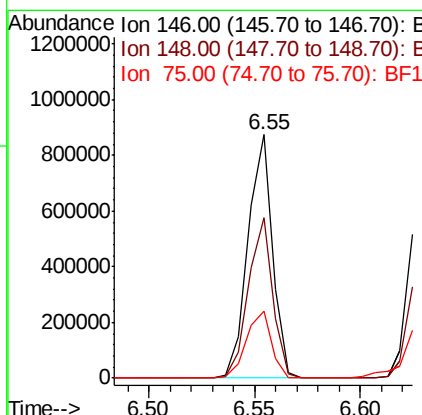
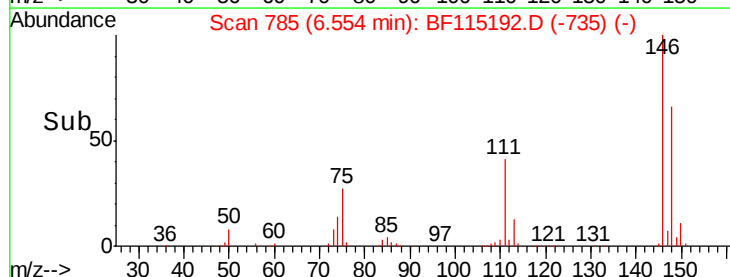
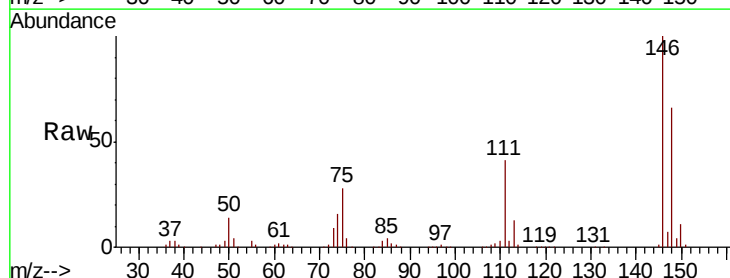
Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#12
1,3-Dichlorobenzene
Concen: 41.371 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		706210		
148	65.7	52.6	78.8		
75	27.6	22.6	34.0		





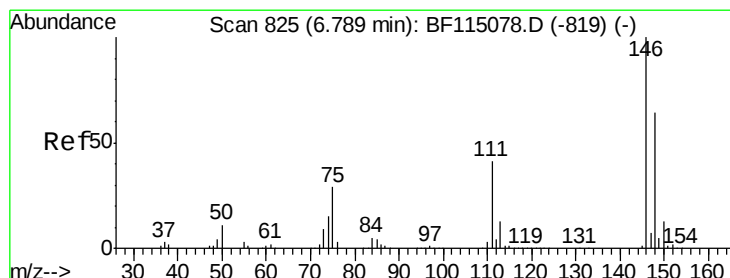
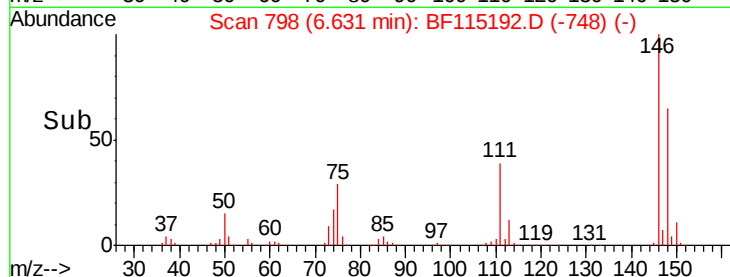
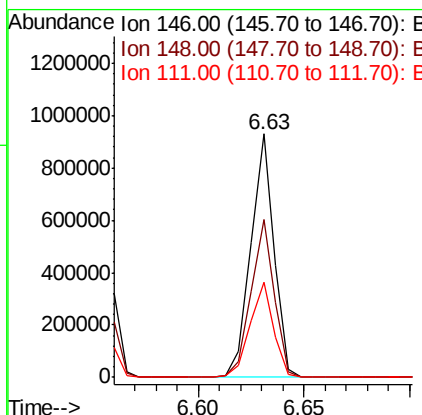
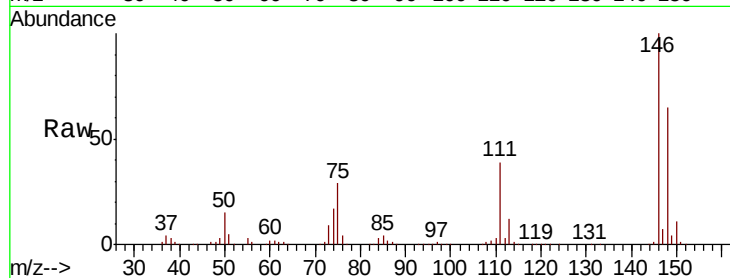
#13
 1,4-Dichlorobenzene
 Concen: 41.503 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	39.3	31.4	47.0

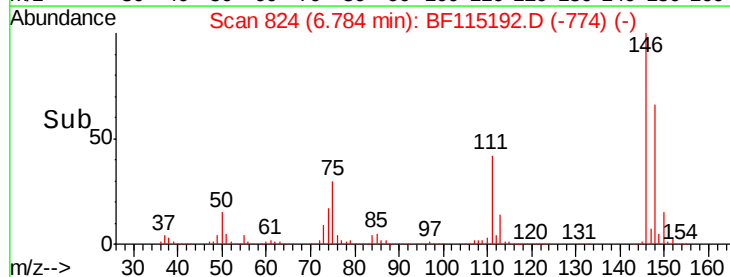
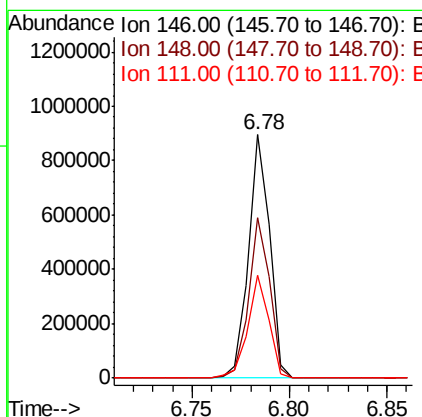
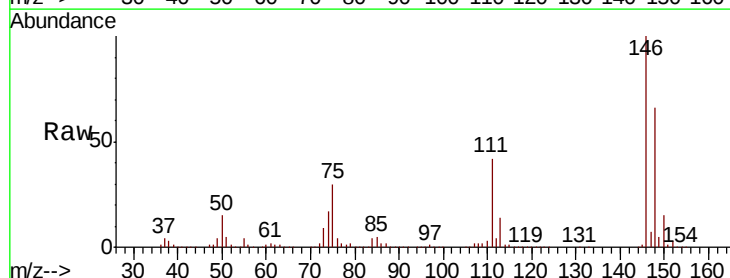
Manual Integrations
 APPROVED

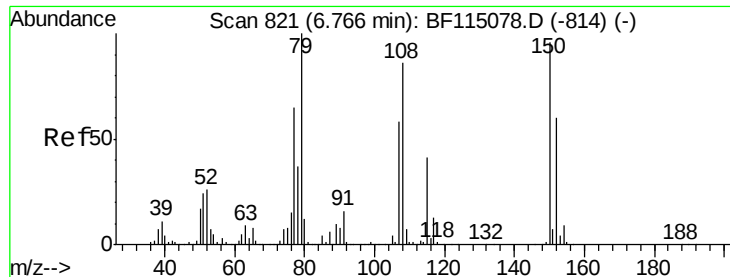
mohammad
 6/26/2019 2:03:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.395 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	42.3	33.2	49.8





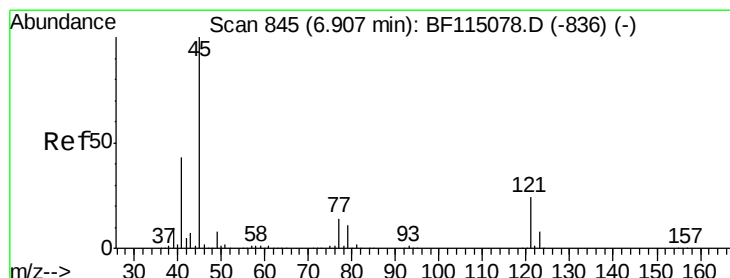
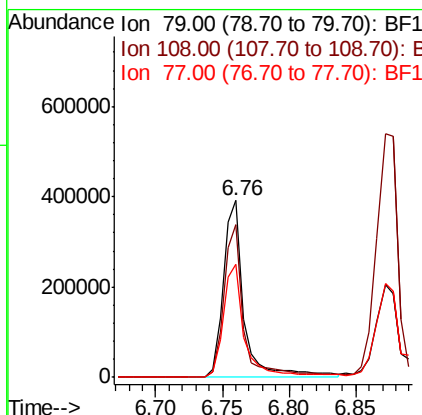
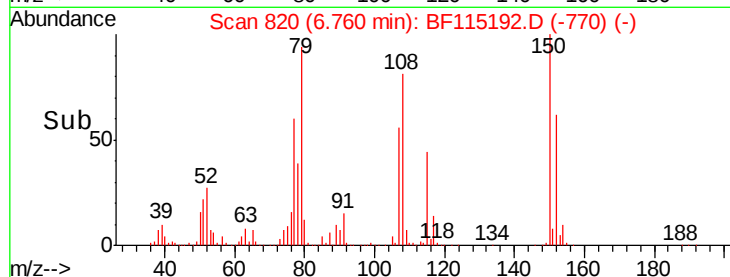
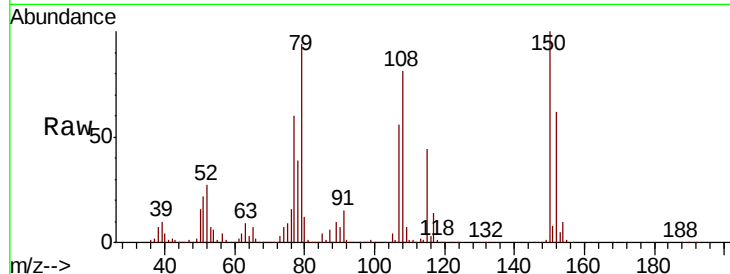
#15
Benzyl Alcohol
Concen: 35.561 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.3	68.7	103.1
77	63.9	51.7	77.5

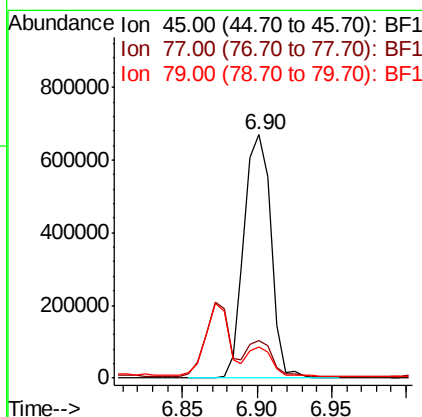
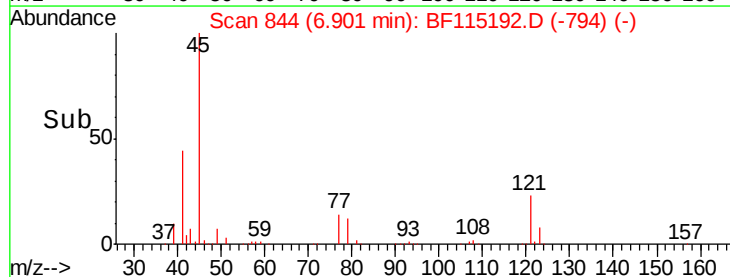
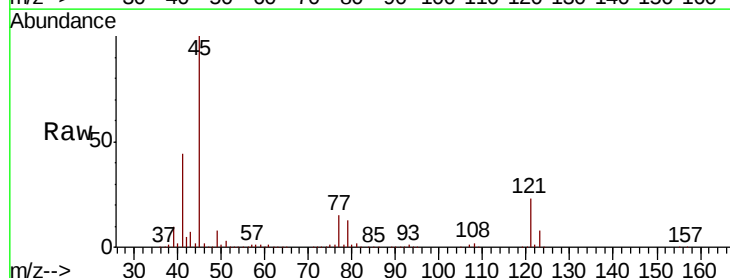
Manual Integrations
APPROVED

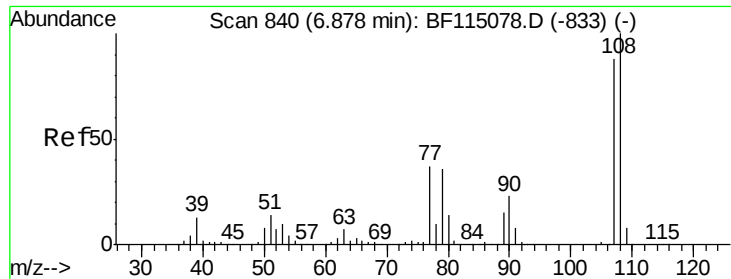
mohammad
6/26/2019 2:03:31 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.541 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.6
79	12.6	0.0	31.2





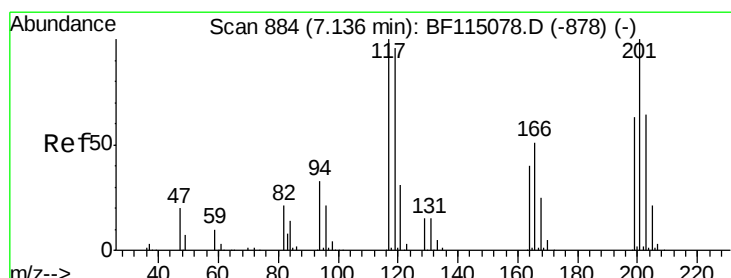
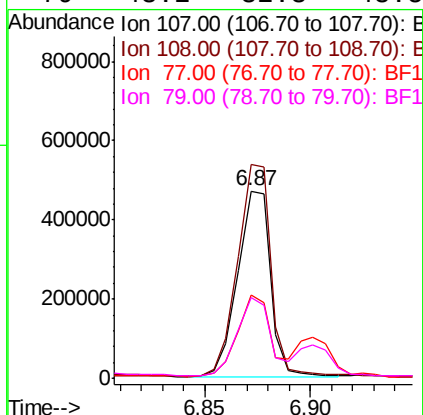
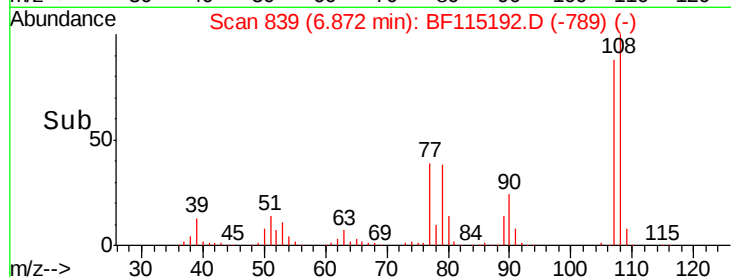
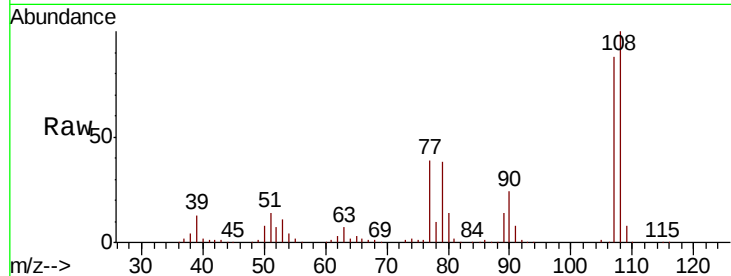
#17
2-Methylphenol
Concen: 39.791 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	90.9	136.3	
77	44.2	33.4	50.2	
79	43.2	32.3	48.5	

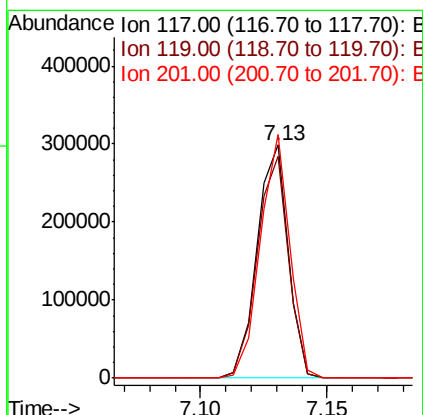
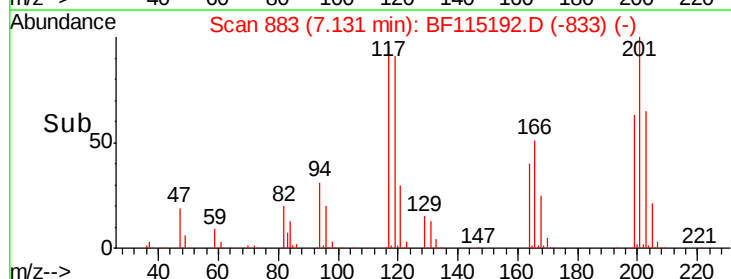
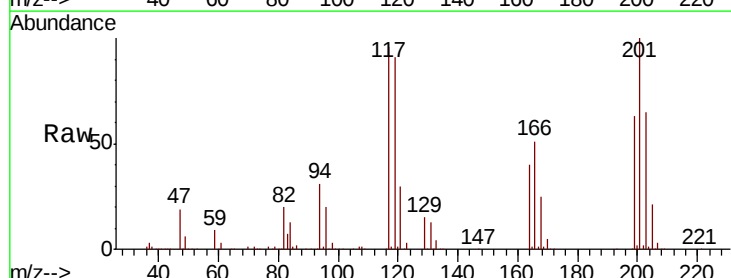
Manual Integrations
APPROVED

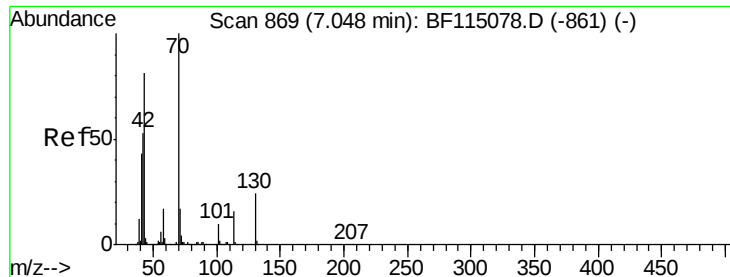
mohammad
6/26/2019 2:03:31 PM



#18
Hexachloroethane
Concen: 41.695 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.6	114.8	
201	104.4	80.2	120.2	





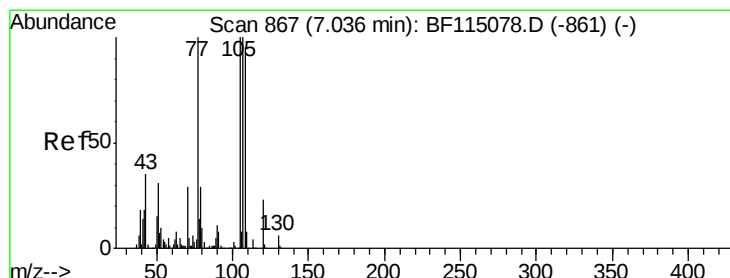
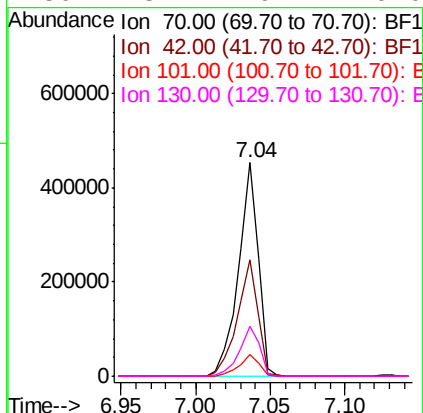
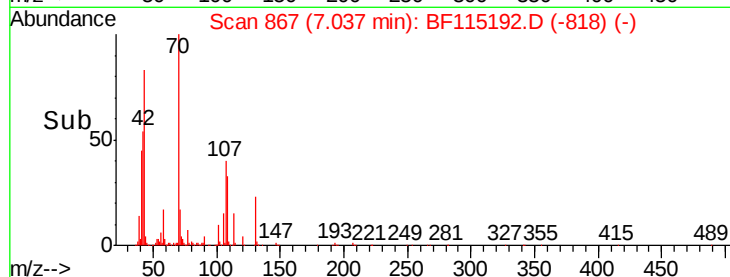
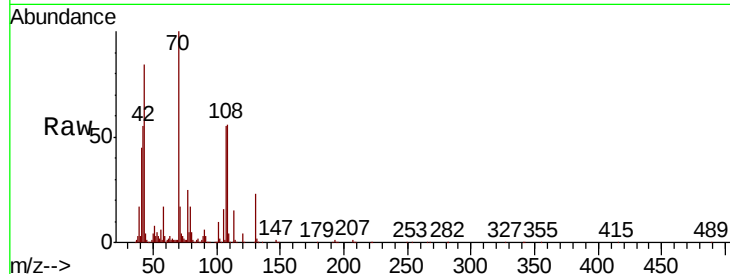
#19
n-Nitroso-di-n-propylamine
Concen: 39.567 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	42.6	63.8	
101	10.0	8.0	12.0	
130	23.2	19.4	29.0	

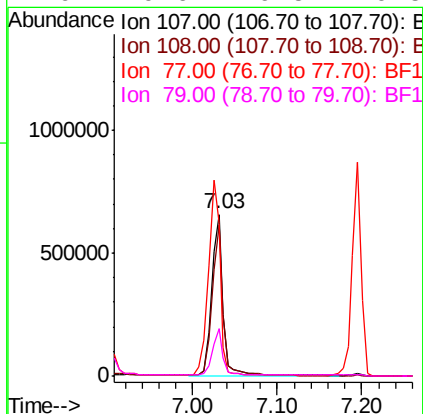
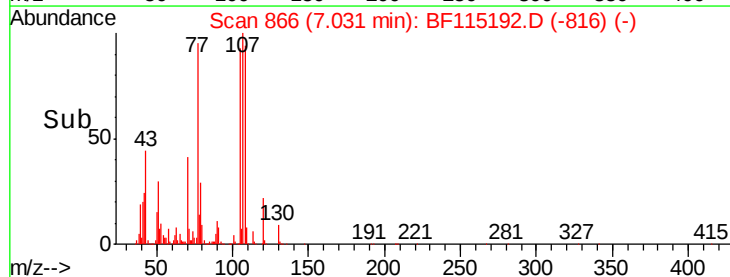
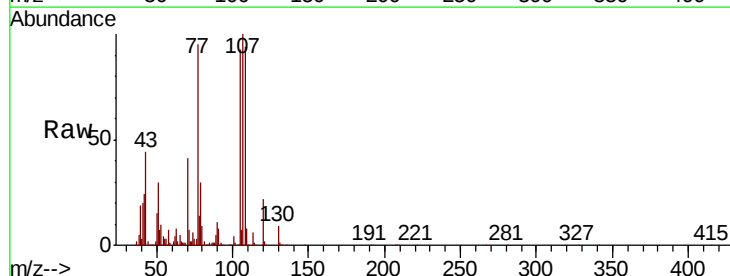
Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#20
3+4-Methylphenols
Concen: 41.905 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	75.5	115.5	
77	94.6	80.2	120.2	
79	29.6	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: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

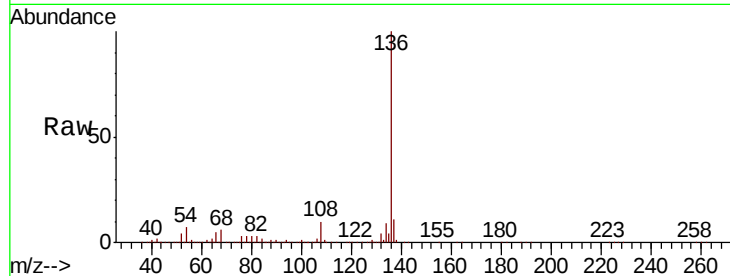
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		881075		
137	11.1		8.9	13.3	
54	6.6		5.6	8.4	
68	5.9		4.8	7.2	

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



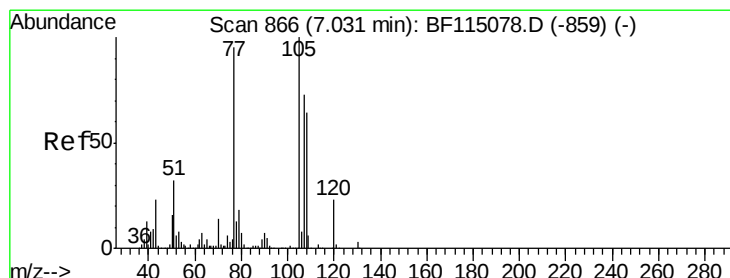
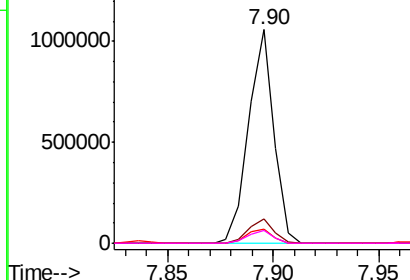
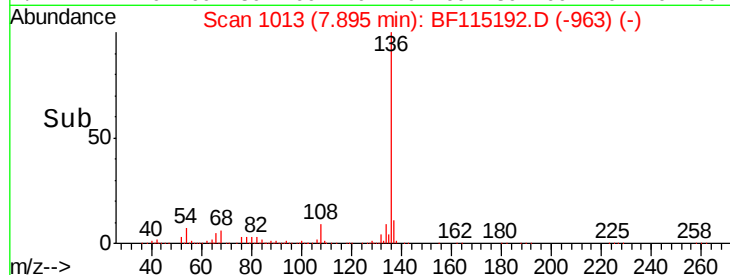
Abundance

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: 40.539 ng

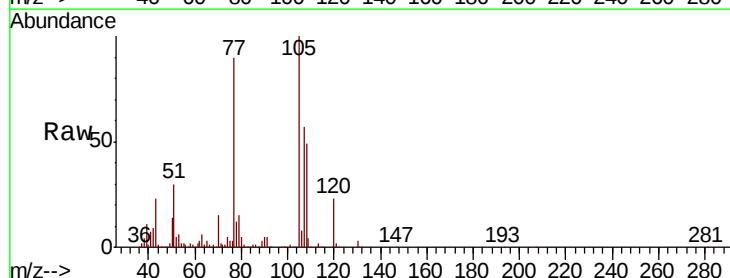
RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		817698		
71	2.5		1.9	2.9	
51	30.1		25.8	38.8	
120	23.0		18.5	27.7	



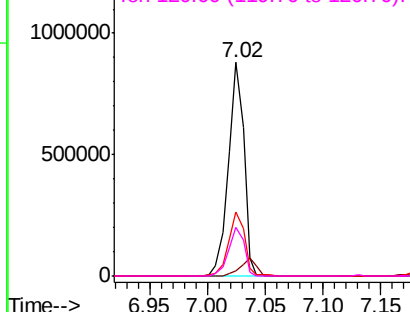
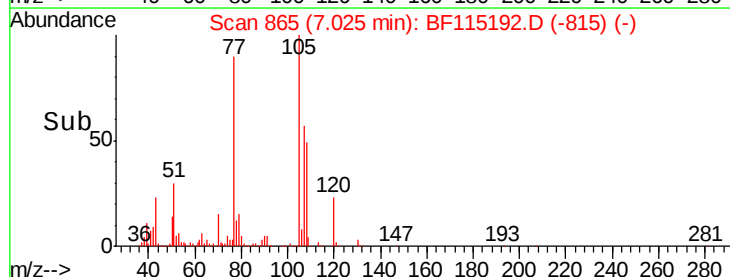
Abundance

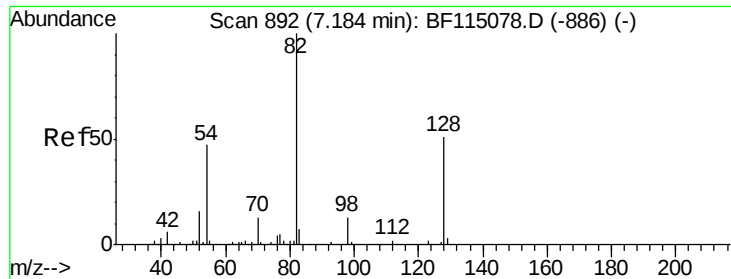
Ion 105.00 (104.70 to 105.70): E

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





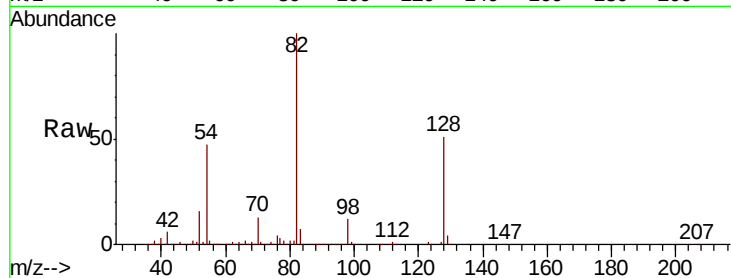
#23
 Nitrobenzene-d5
 Concen: 83.107 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.4	60.6
54	47.4	37.5	56.3

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM

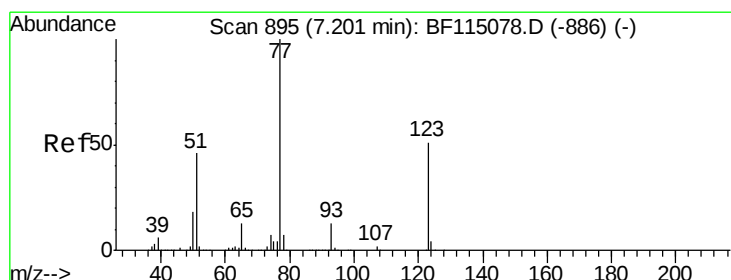
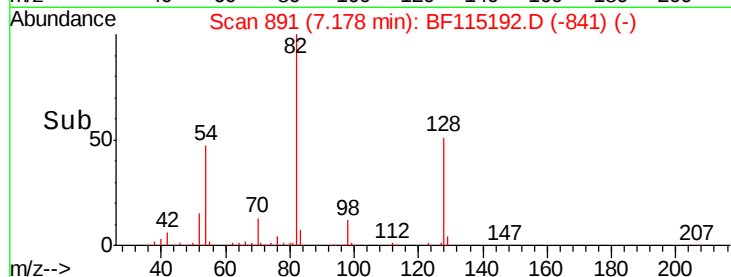
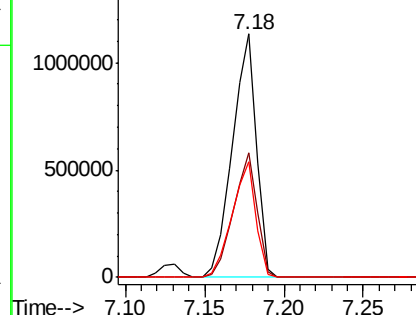


Abundance

Ion 82.00 (81.70 to 82.70): BF1

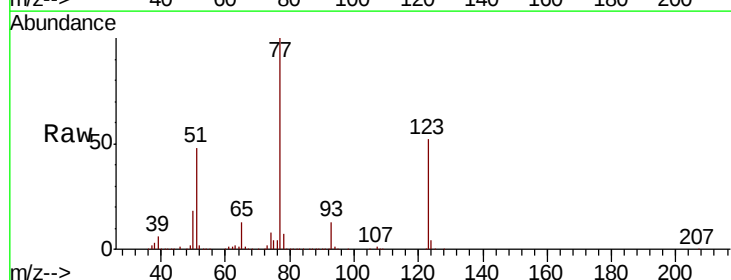
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 41.442 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	41.0	61.6
65	13.0	10.5	15.7

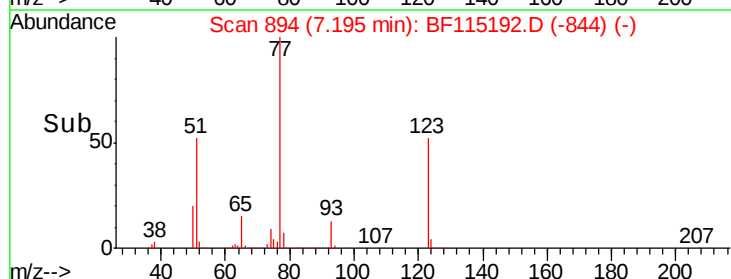
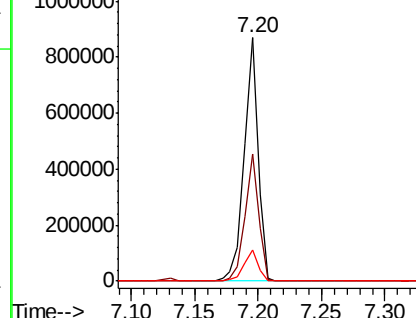


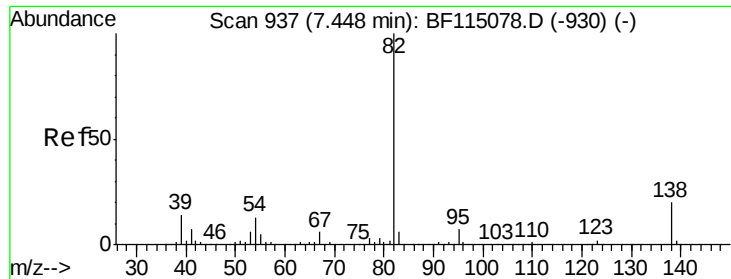
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





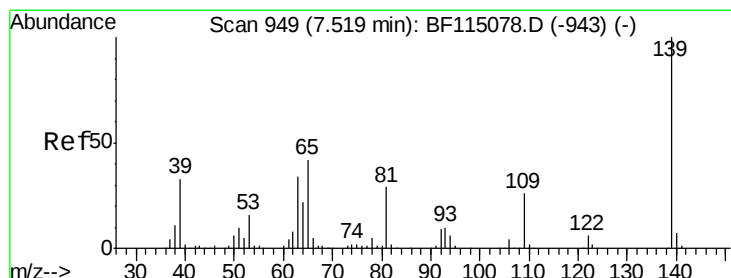
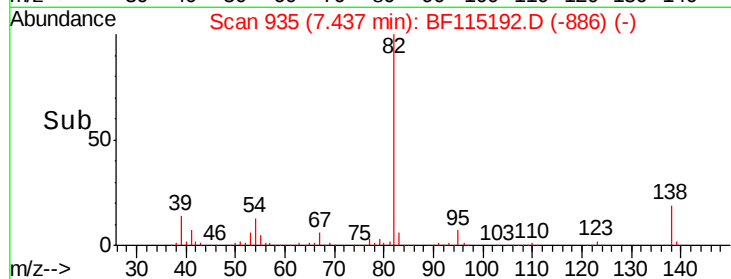
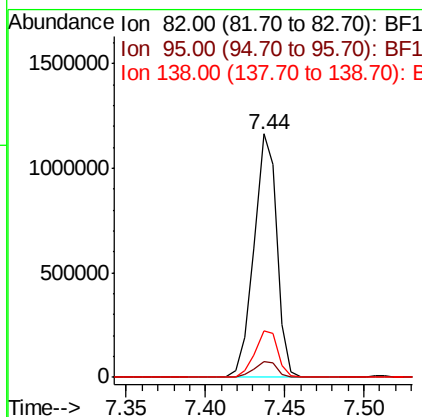
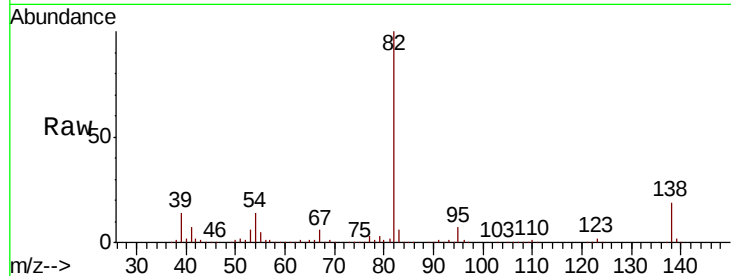
#25
Isophorone
Concen: 39.987 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.3	15.9	23.9

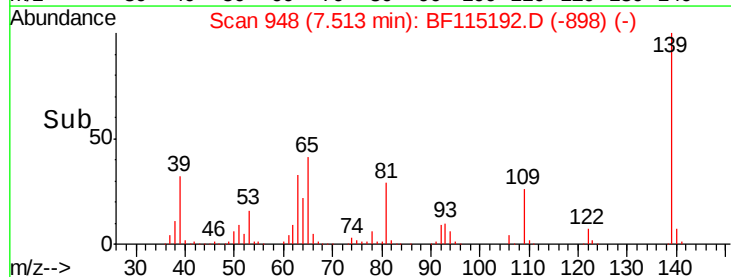
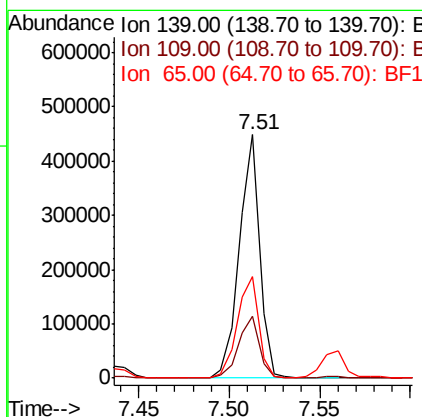
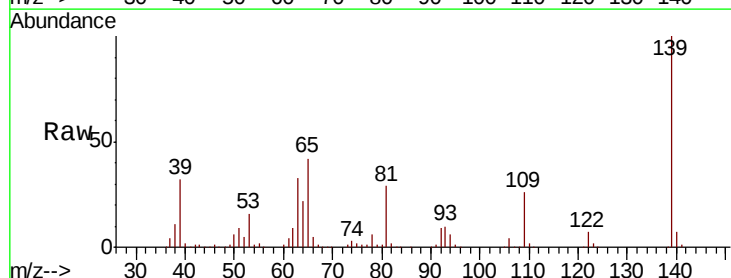
Manual Integrations
APPROVED

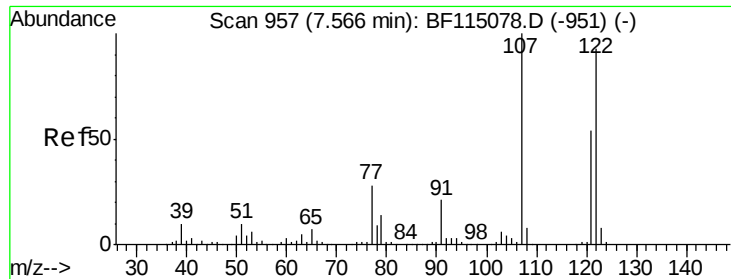
mohammad
6/26/2019 2:03:31 PM



#26
2-Nitrophenol
Concen: 45.011 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.6	20.4	30.6
65	41.5	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 40.956 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

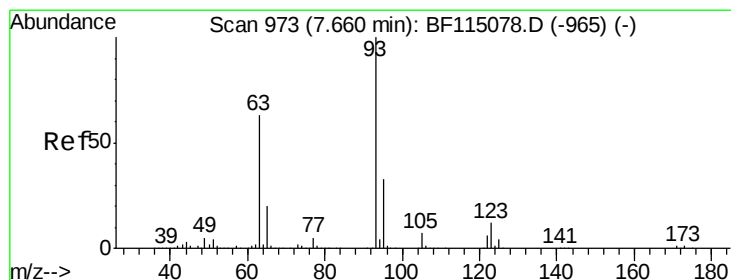
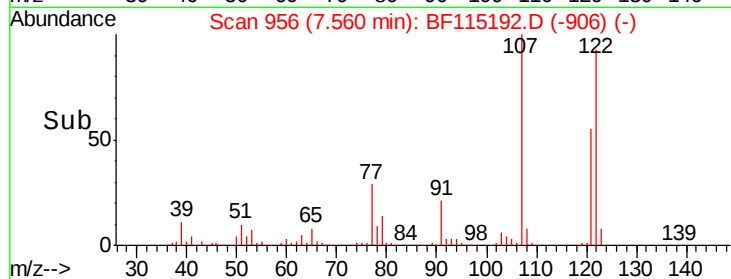
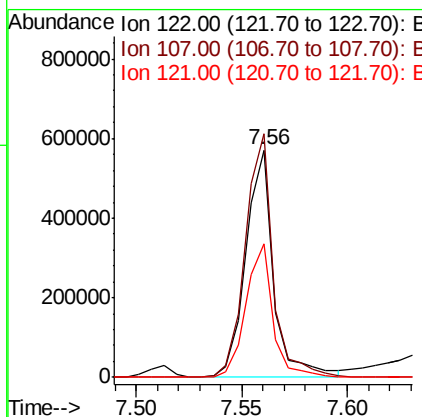
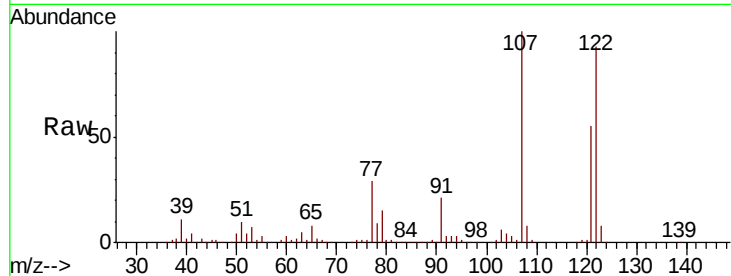
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	522535		
107	107.3	85.8	128.6	
121	58.8	46.3	69.5	

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.371 ng

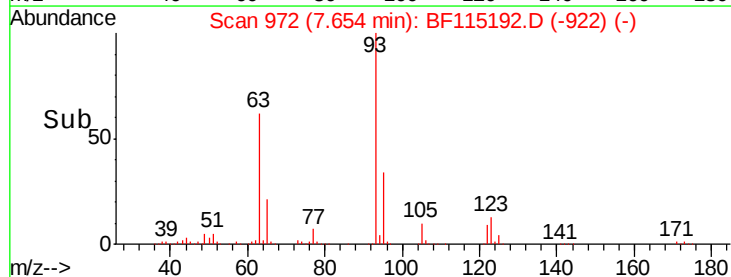
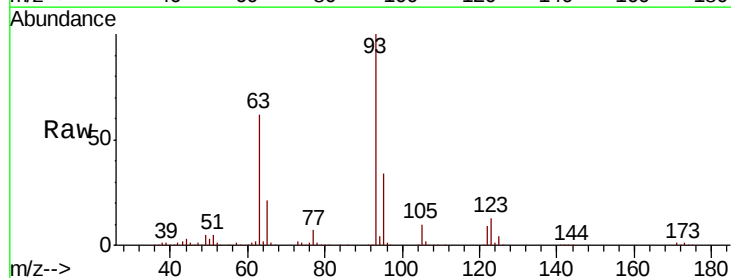
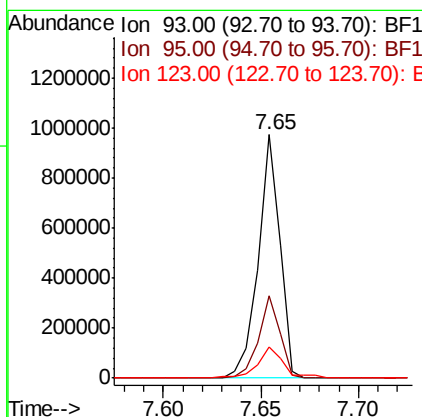
RT: 7.65 min Scan# 972

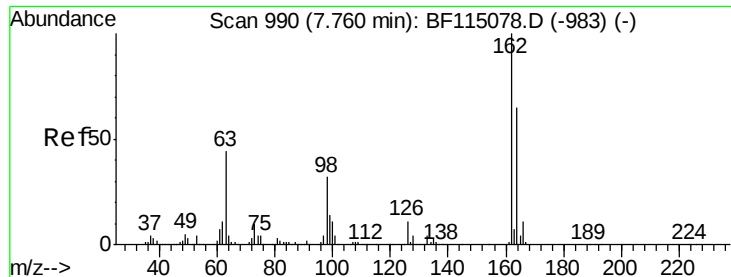
Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	748663		
95	33.6	26.2	39.4	
123	12.6	9.7	14.5	





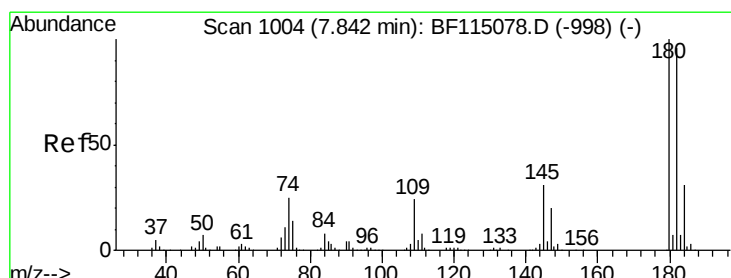
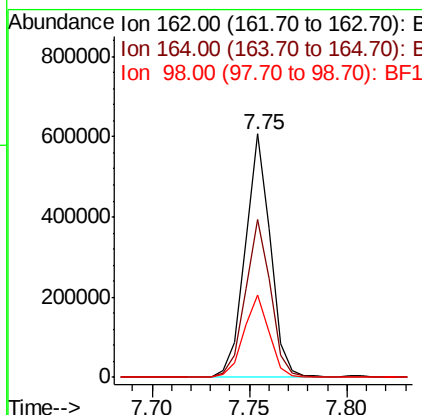
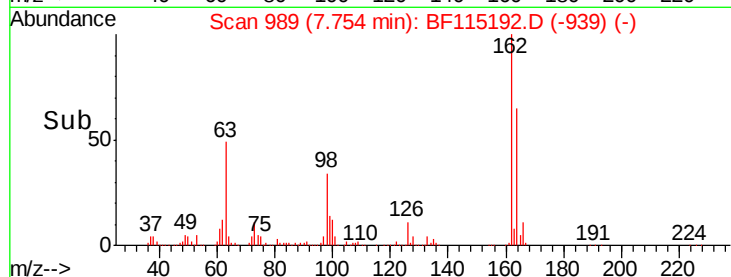
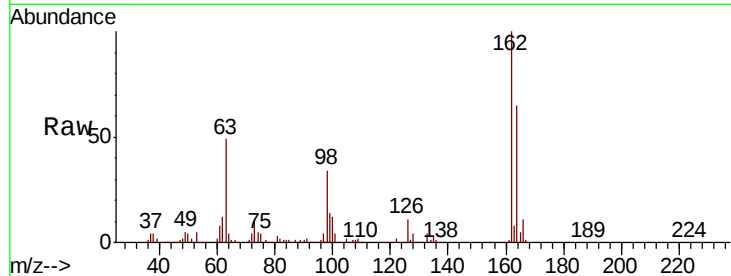
#29
2,4-Dichlorophenol
Concen: 41.274 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	543437		
164	64.9	45.3	85.3	
98	33.9	12.5	52.5	

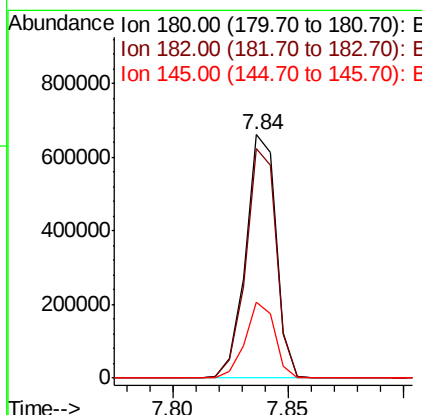
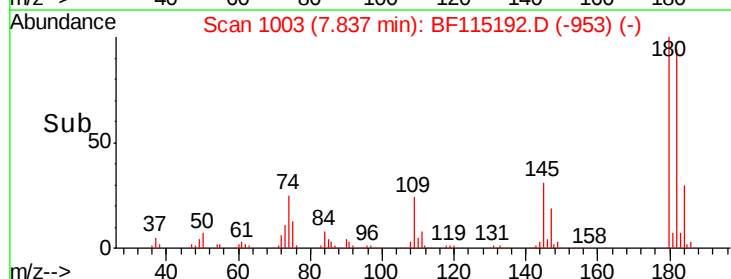
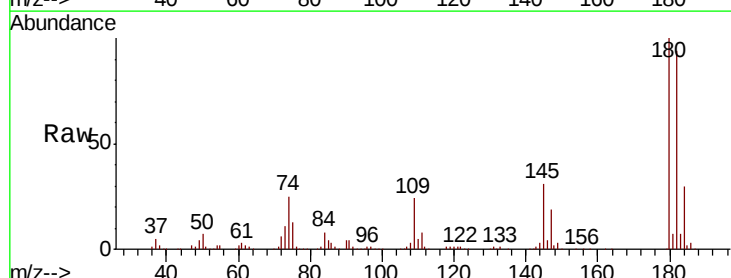
Manual Integrations
APPROVED

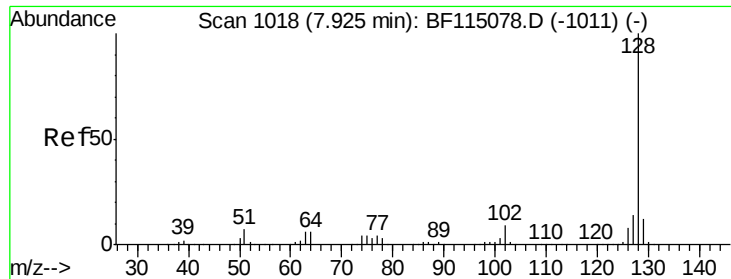
mohammad
6/26/2019 2:03:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.035 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	611347		
182	94.0	76.4	114.6	
145	30.9	24.8	37.2	





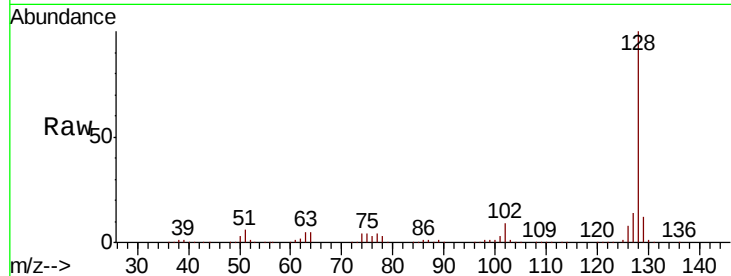
#31
Naphthalene
Concen: 41.441 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

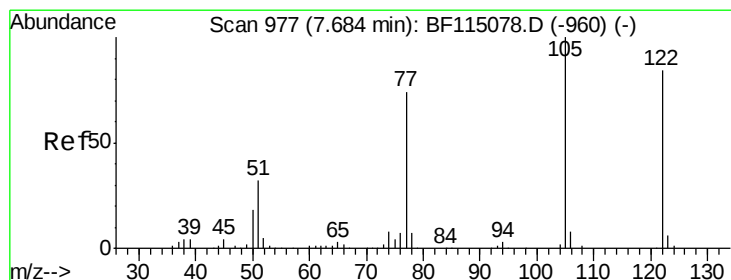
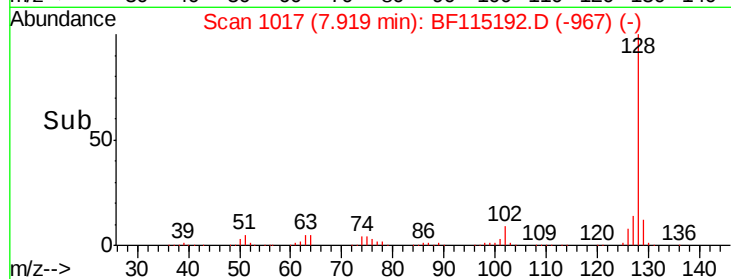
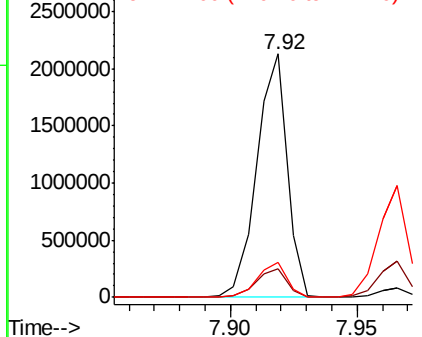
Tot Ion:128 Resp: 1792308
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 14.3 11.4 17.0

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



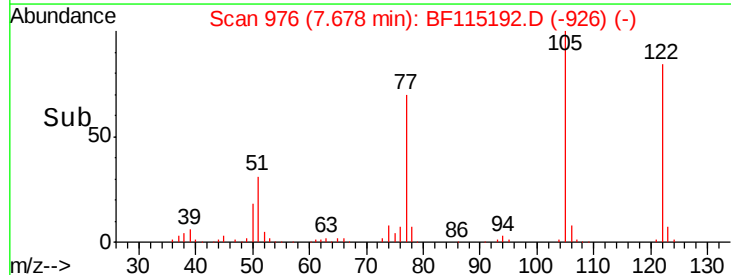
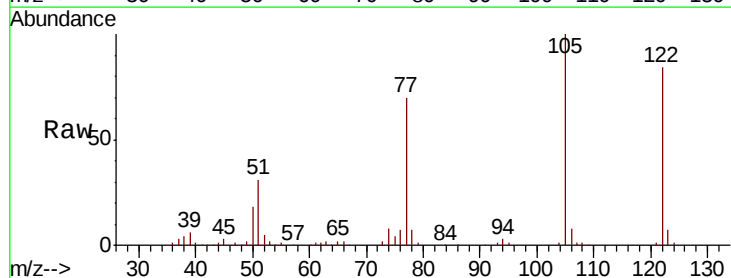
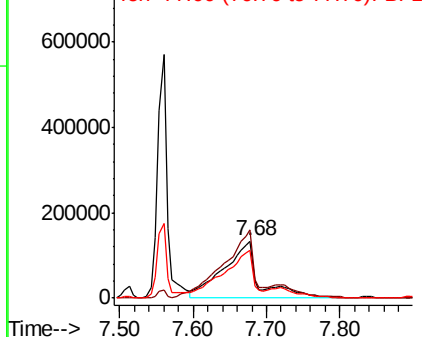
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

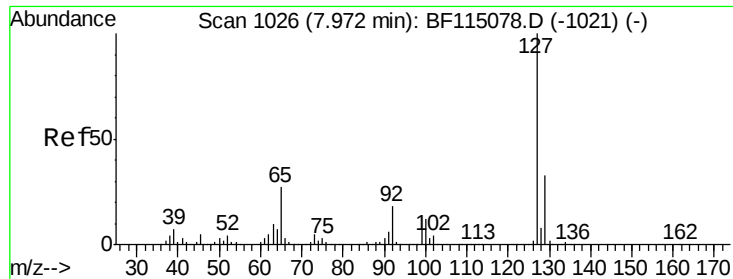


#32
Benzoic acid
Concen: 49.562 ng m
RT: 7.68 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion:122 Resp: 451375
Ion Ratio Lower Upper
122 100
105 119.0 98.2 138.2
77 83.5 67.0 107.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





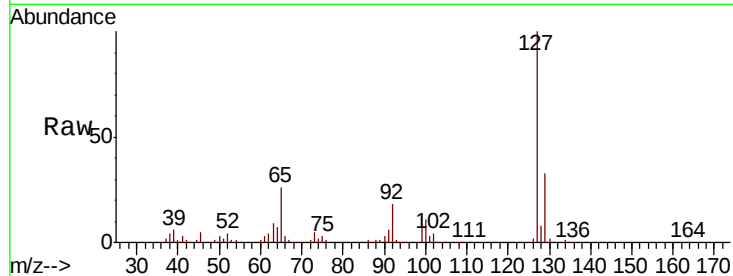
#33
4-Chloroaniline
Concen: 41.260 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

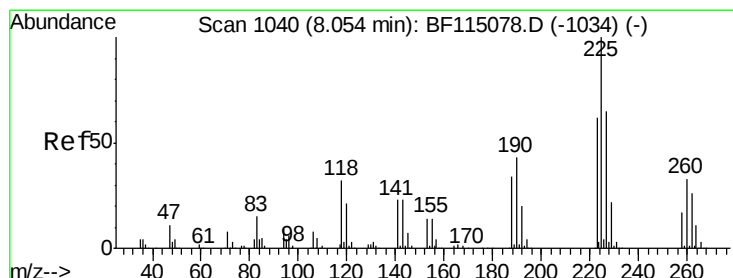
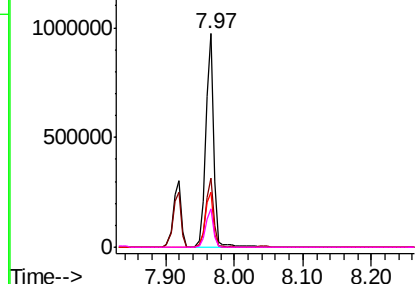
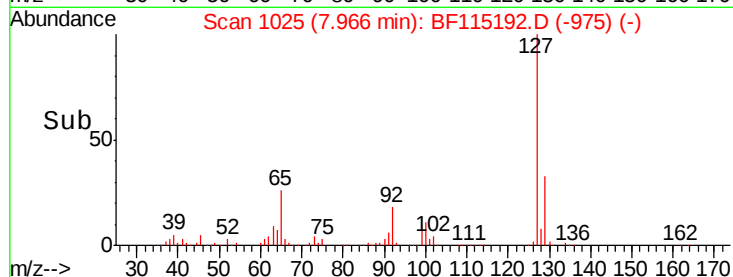
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.1	39.1	
65	26.0	21.4	32.2	
92	17.9	14.1	21.1	

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

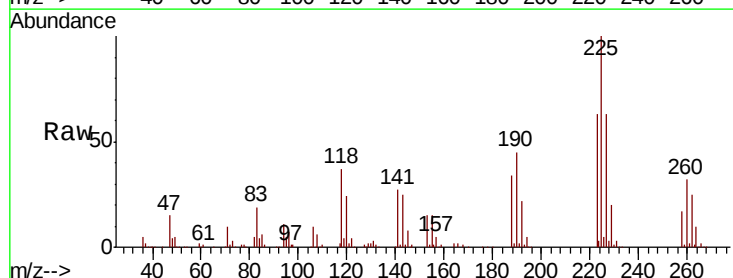


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

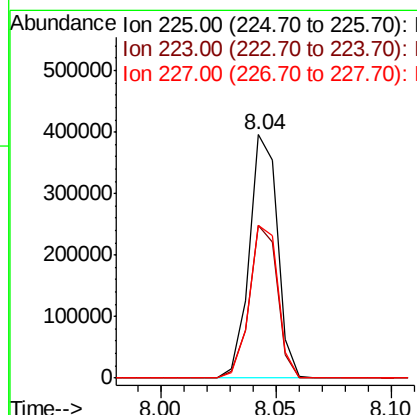
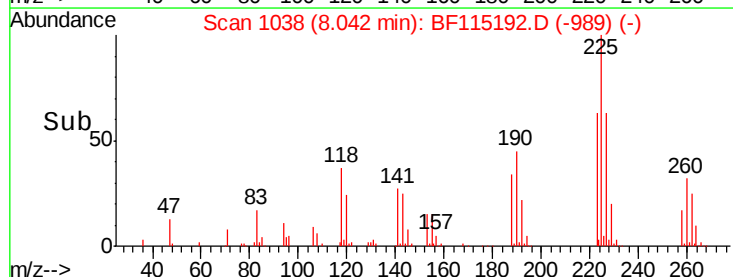


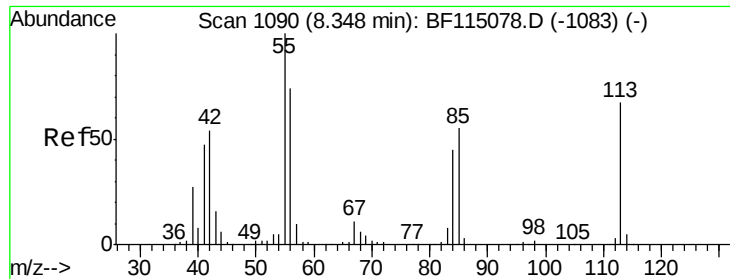
#34
Hexachlorobutadiene
Concen: 42.385 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	49.4	74.2	
227	63.0	51.8	77.8	



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





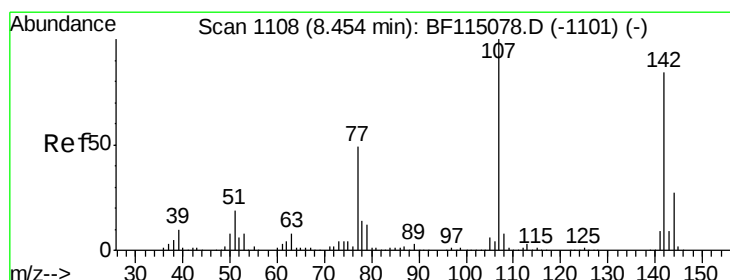
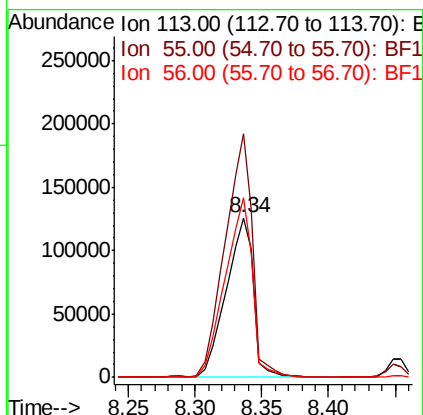
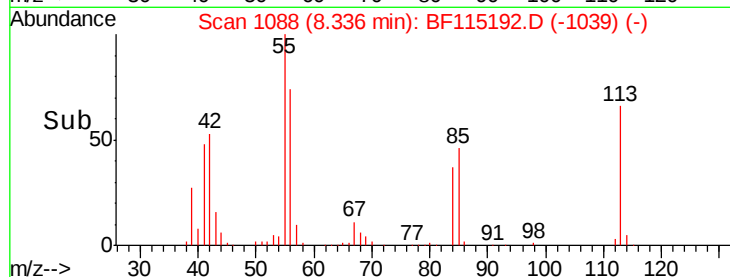
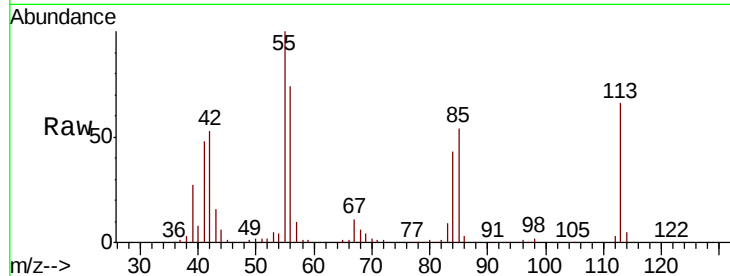
#35
Caprolactam
Concen: 40.794 ng
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.5	130.2	170.2
56	112.5	91.6	131.6

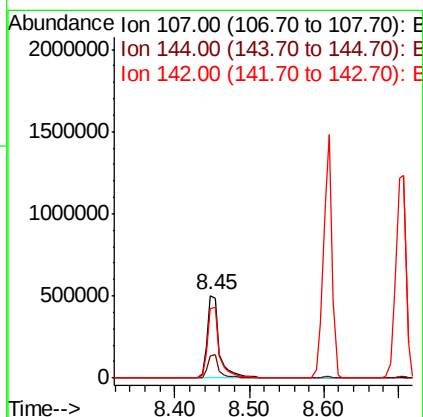
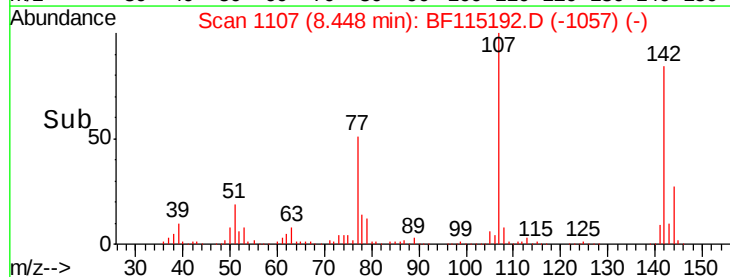
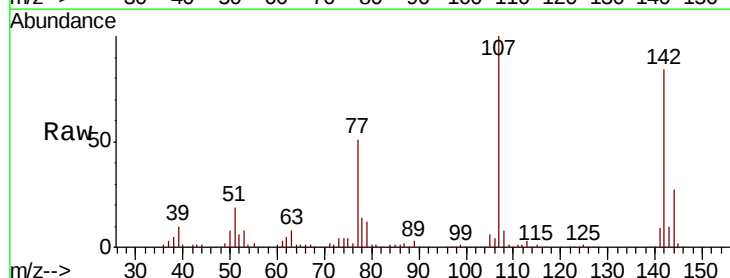
Manual Integrations
APPROVED

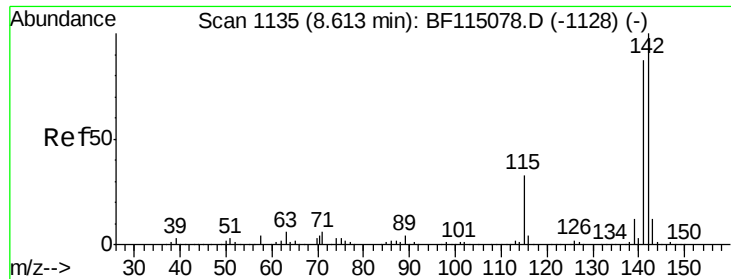
mohammad
6/26/2019 2:03:31 PM



#36
4-Chloro-3-methylphenol
Concen: 42.306 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.7	32.5
142	83.8	67.0	100.4





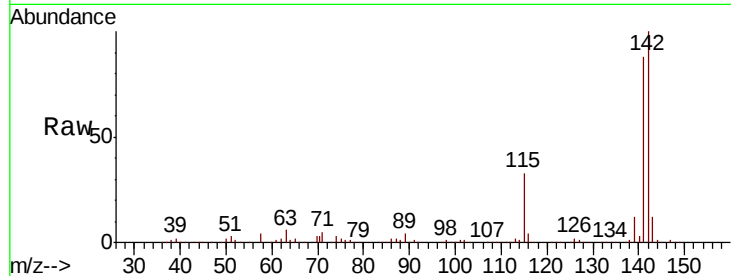
#37
2-Methylnaphthalene
Concen: 41.460 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6
115	33.3	26.7	40.1

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

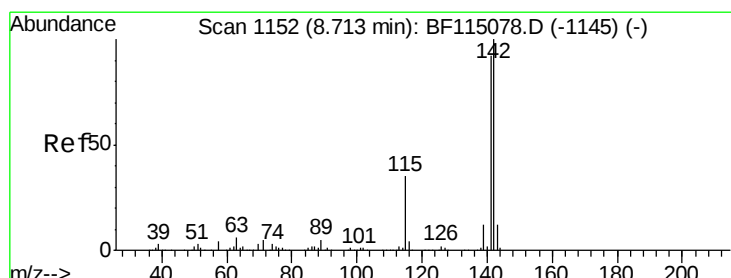
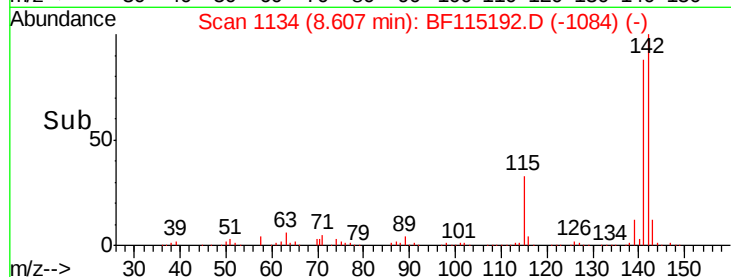
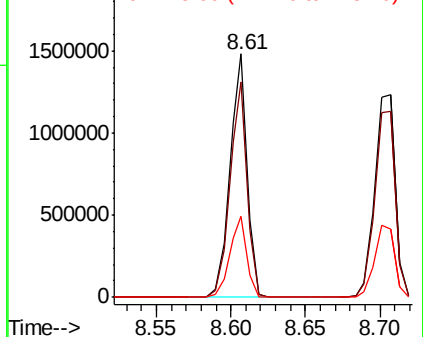


Abundance

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: 41.558 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

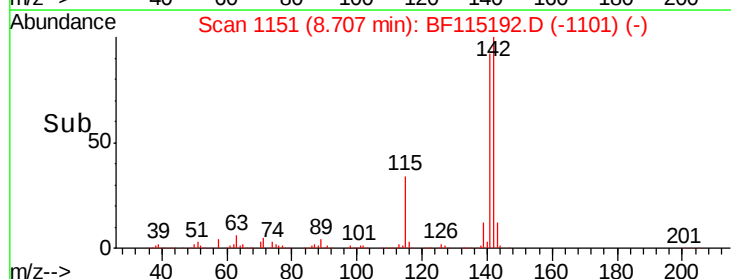
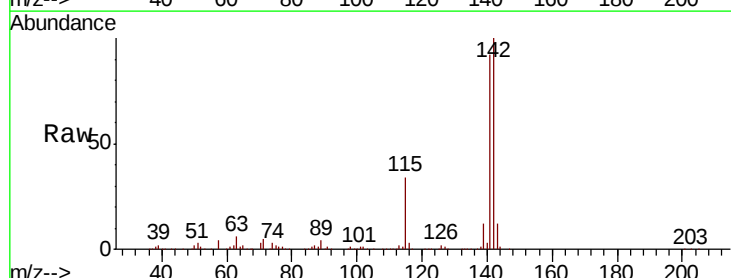
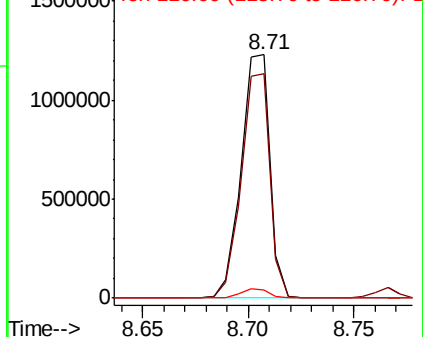
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	3.4	2.8	4.2

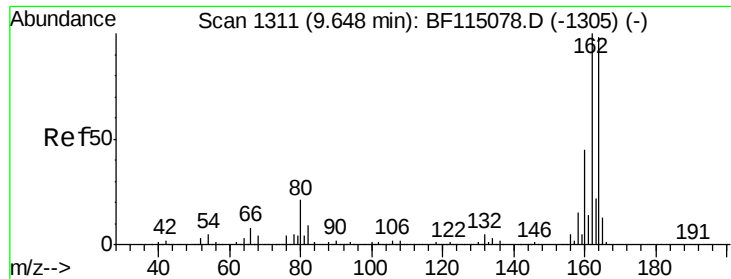
Abundance

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





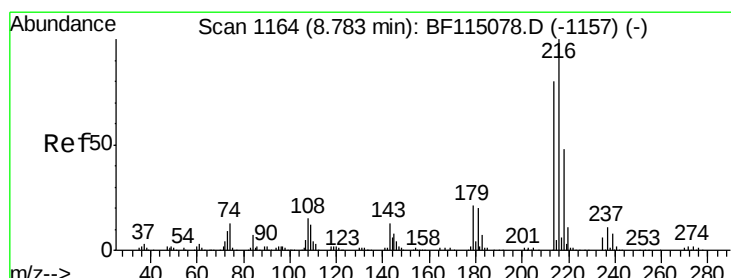
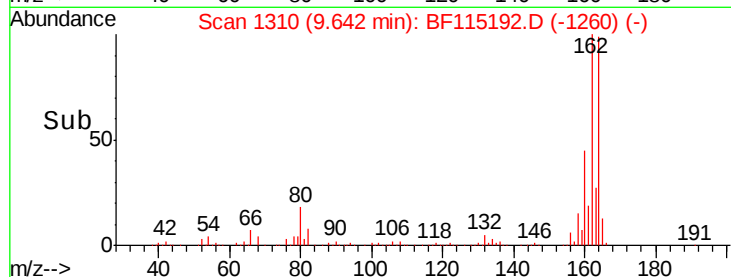
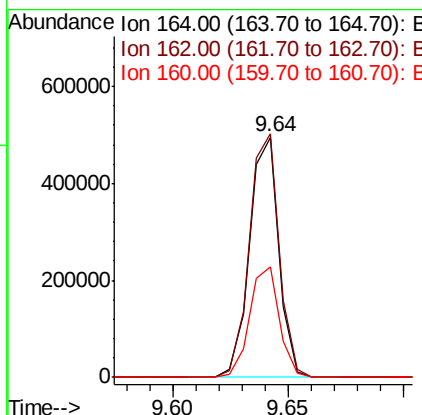
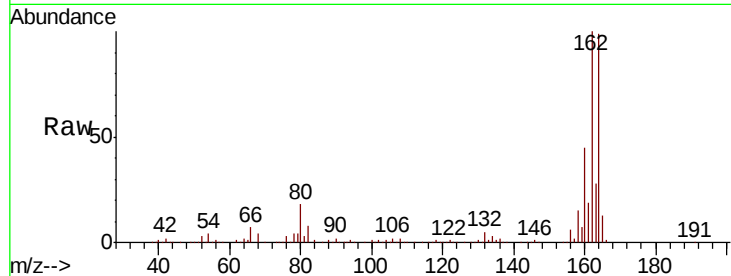
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	45.8	37.0	55.4

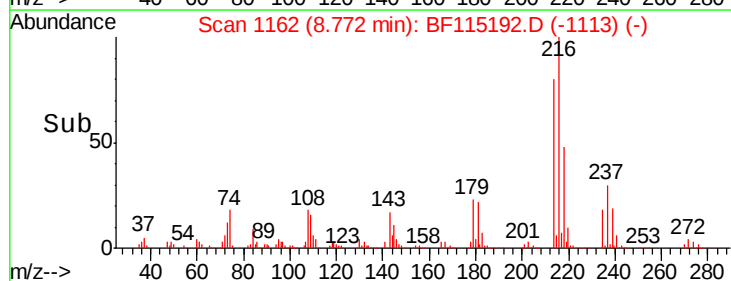
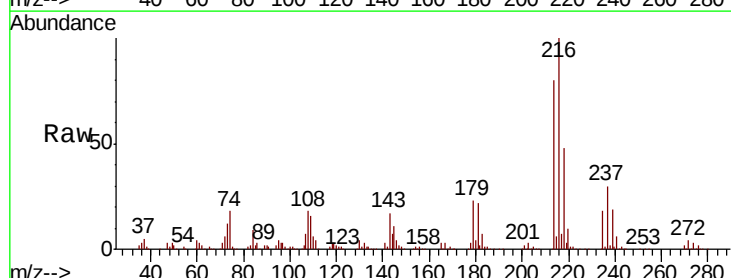
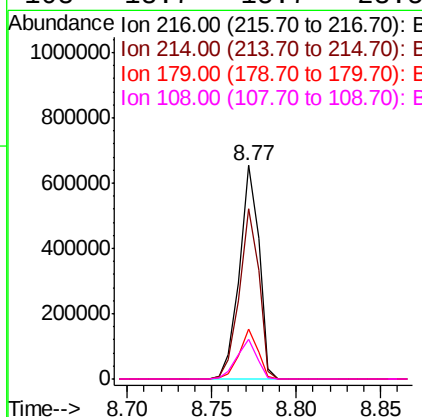
Manual Integrations
APPROVED

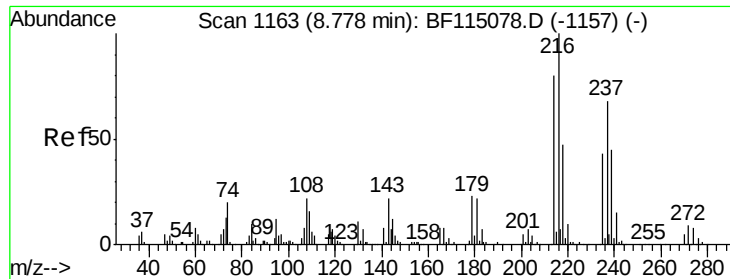
mohammad
6/26/2019 2:03:31 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.606 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.0	17.6	26.4
108	18.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 39.701 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

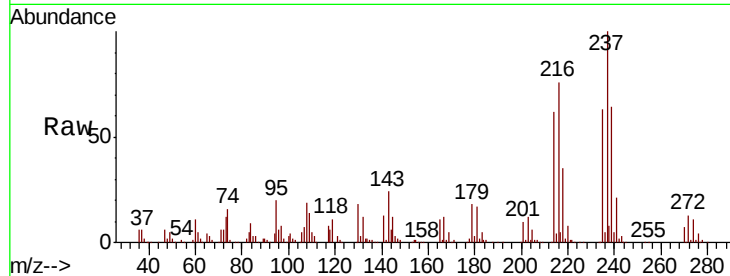
ClientSampleId :

SSTDCCC040

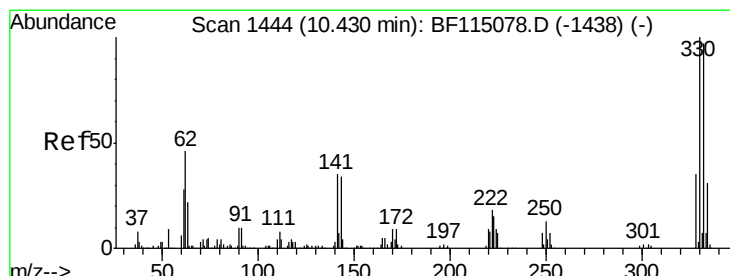
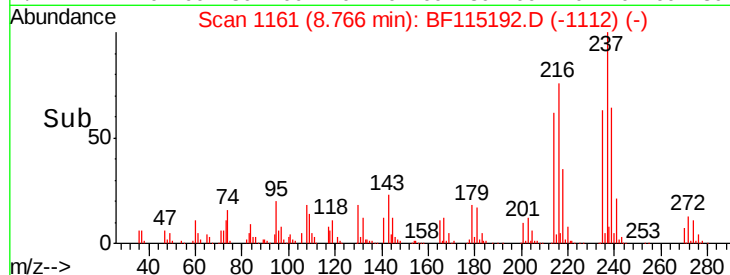
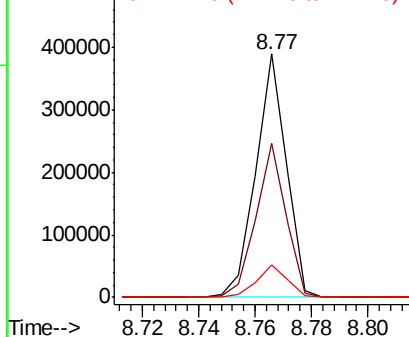
Tot Ion:	237	Resp:	292261
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.9	83.9
272	13.2	0.0	33.8

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



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



#42

2,4,6-Tribromophenol

Concen: 89.915 ng

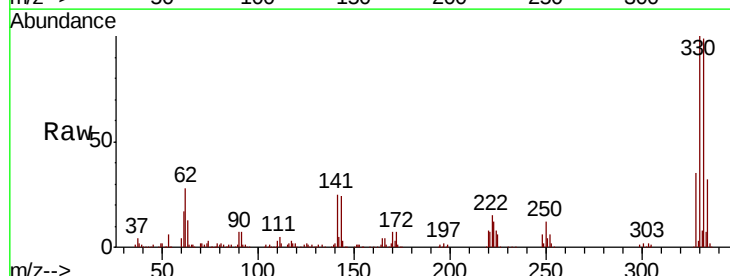
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

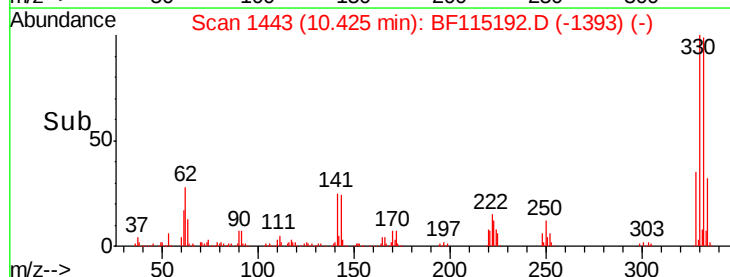
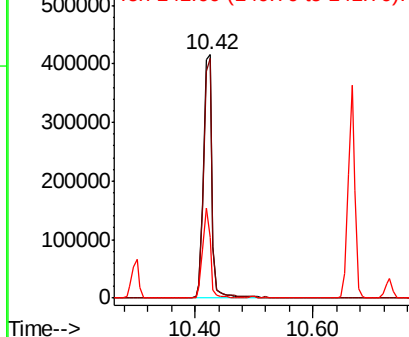
Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Tgt Ion:	330	Resp:	416572
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	33.2	28.2	42.2



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





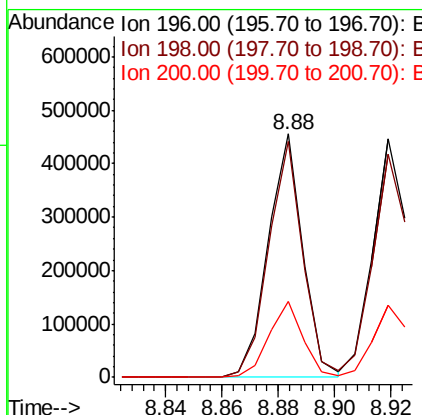
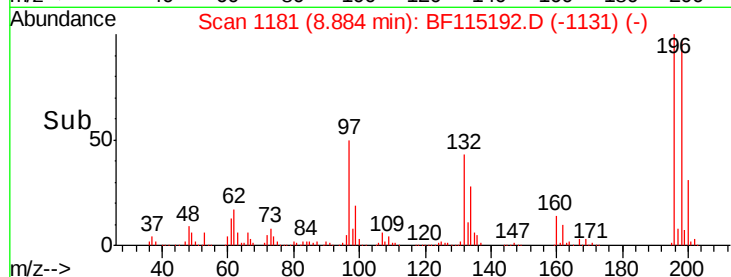
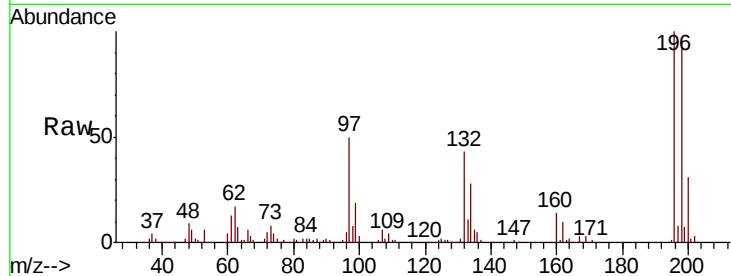
#43
 2,4,6-Trichlorophenol
 Concen: 40.360 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	386837		
198	96.7	76.3	114.5	
200	31.3	24.2	36.4	

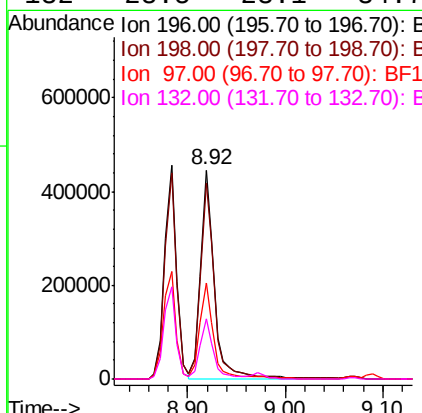
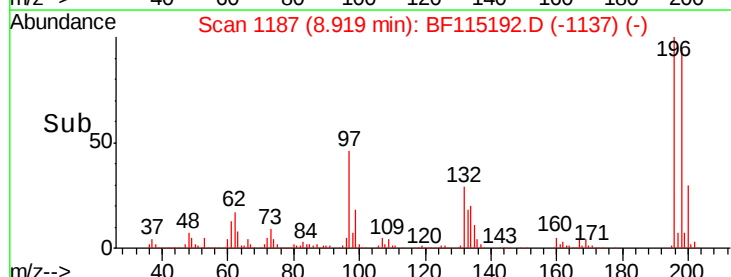
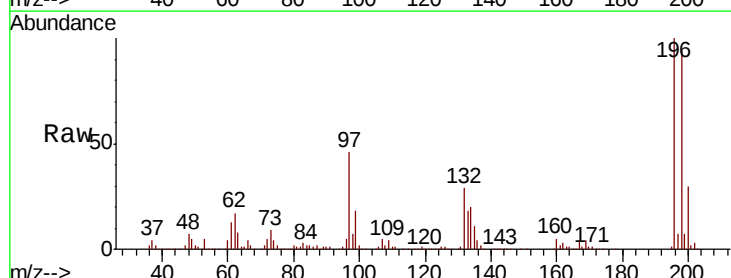
Manual Integrations
 APPROVED

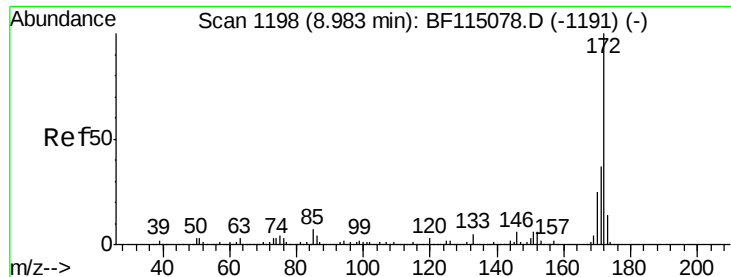
mohammad
 6/26/2019 2:03:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.150 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435781		
198	93.7	77.1	115.7	
97	46.2	37.7	56.5	
132	28.5	23.1	34.7	





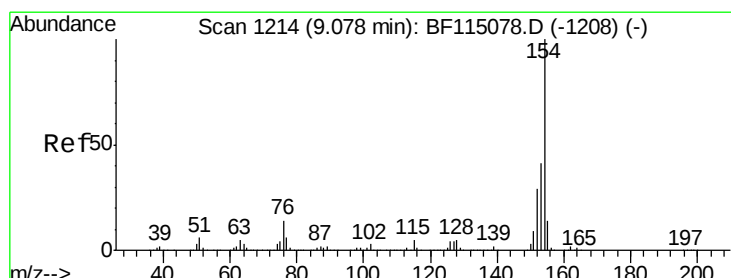
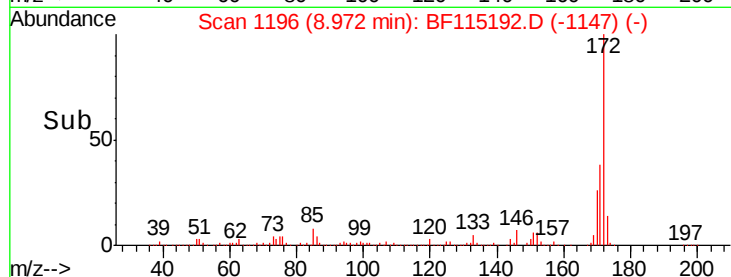
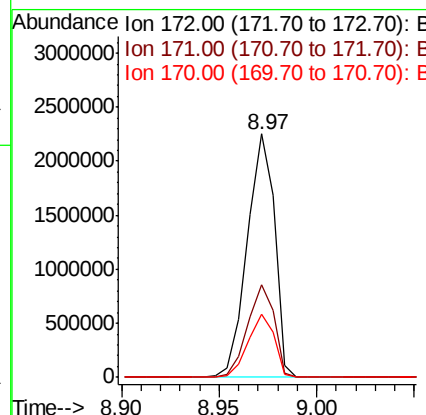
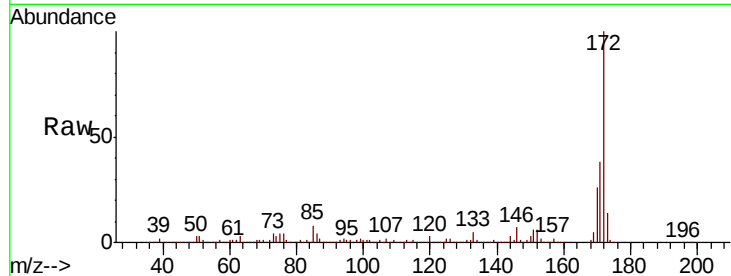
#45
2-Fluorobiphenyl
Concen: 84.889 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	26.0	20.3	30.5

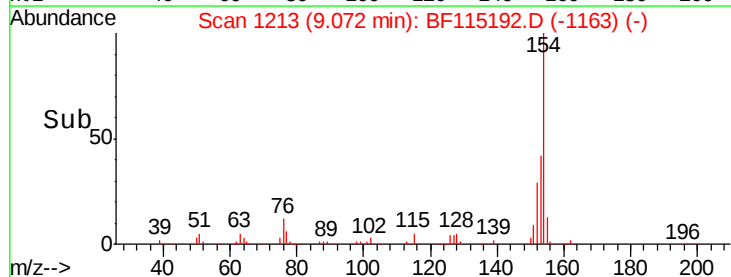
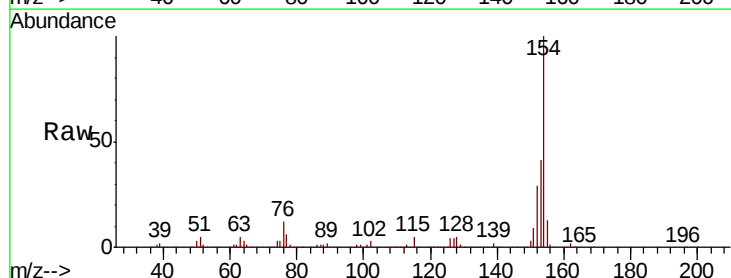
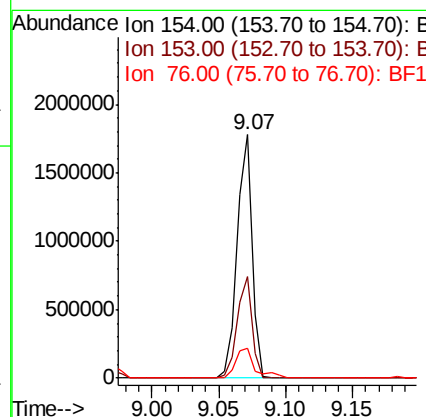
Manual Integrations
APPROVED

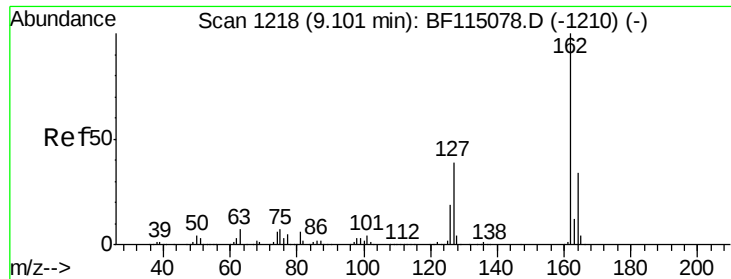
mohammad
6/26/2019 2:03:31 PM



#46
1,1'-Biphenyl
Concen: 40.398 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	12.3	0.0	34.1





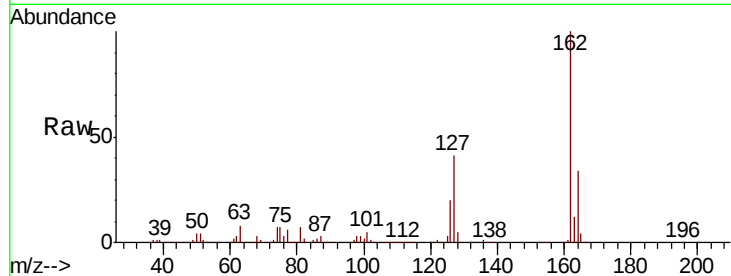
#47
 2-Chloronaphthalene
 Concen: 42.063 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

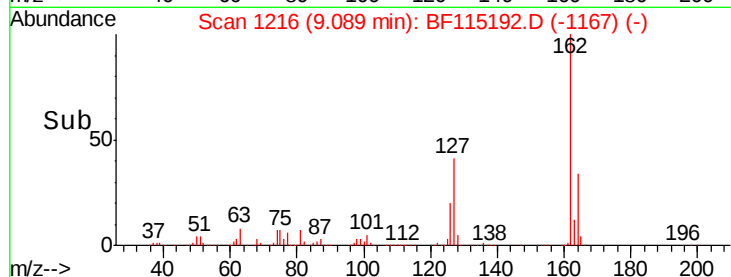
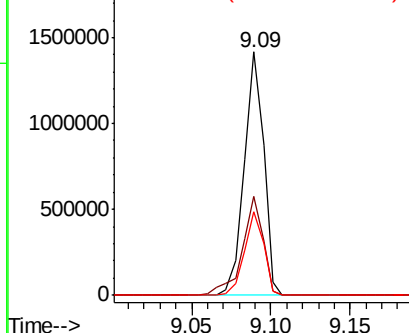
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.8	46.2
164	34.4	27.0	40.4

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM



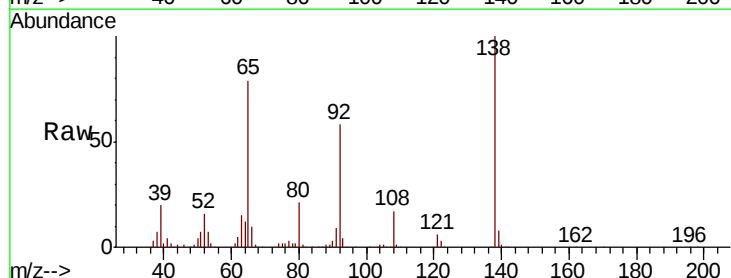
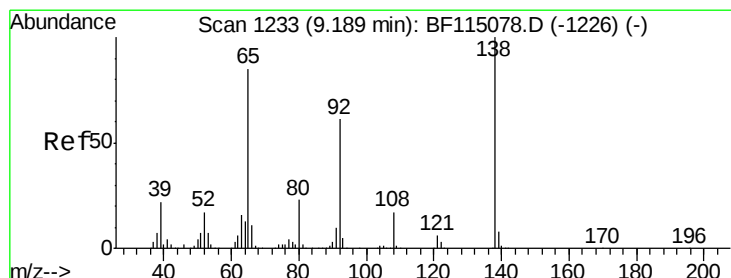
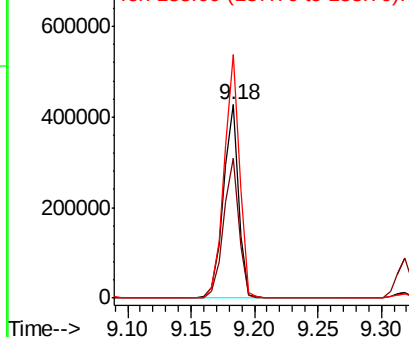
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

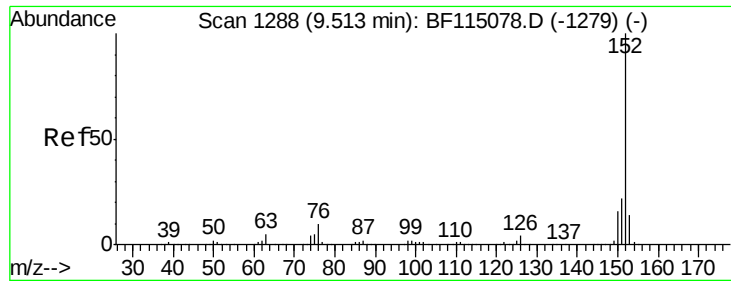


#48
 2-Nitroaniline
 Concen: 43.151 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	126.0	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: 41.757 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1855100

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

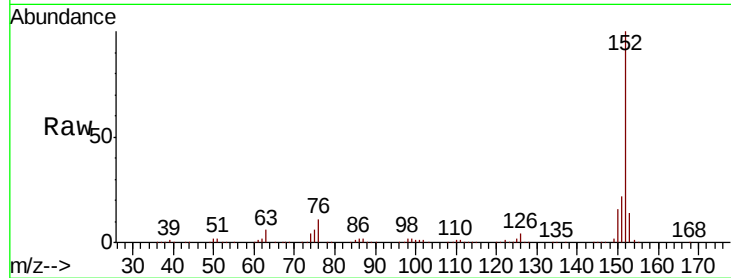
153 14.4 11.0 16.6

Manual Integrations

APPROVED

mohammad

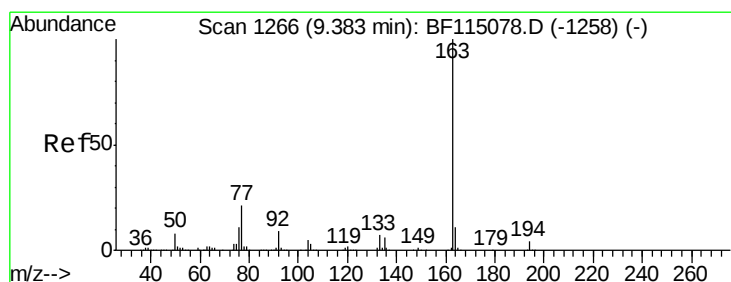
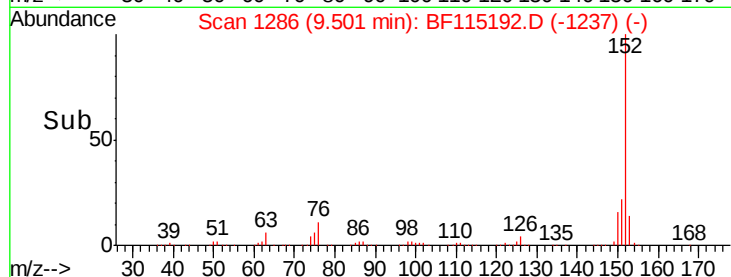
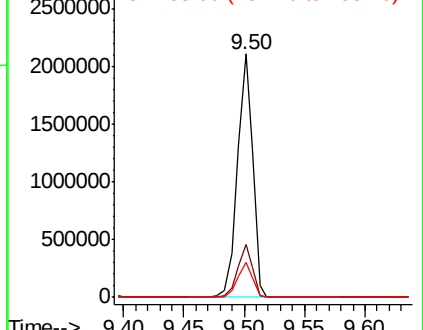
6/26/2019 2:03:31 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.085 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

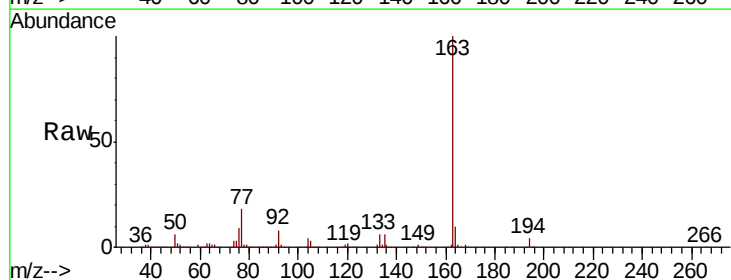
Tgt Ion:163 Resp: 1360307

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

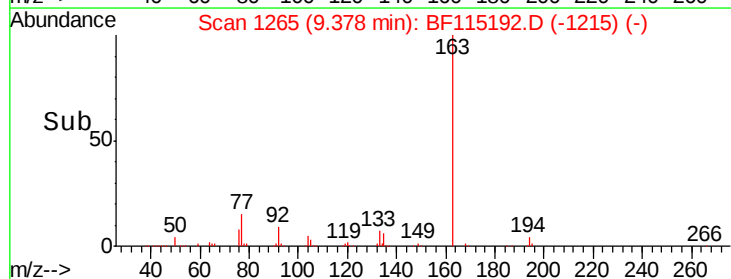
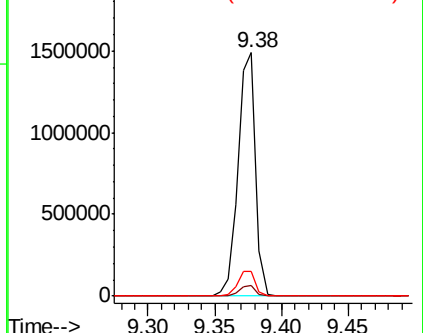
164 10.2 8.6 13.0

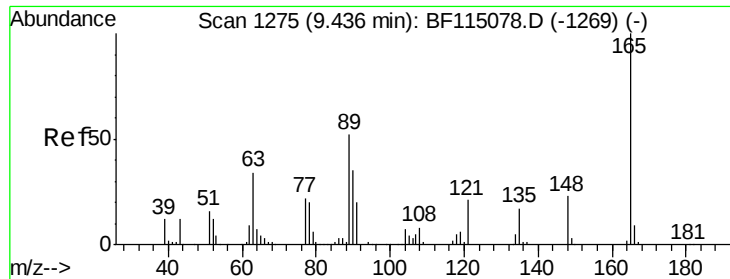


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





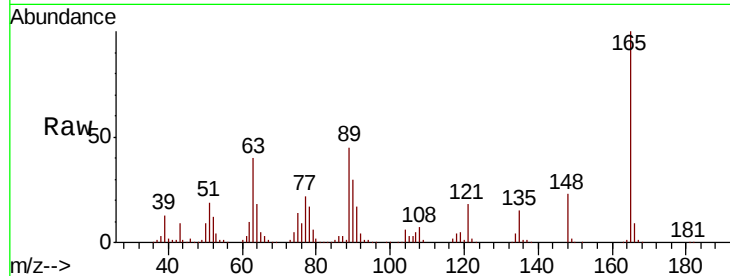
#51
2,6-Dinitrotoluene
Concen: 43.454 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

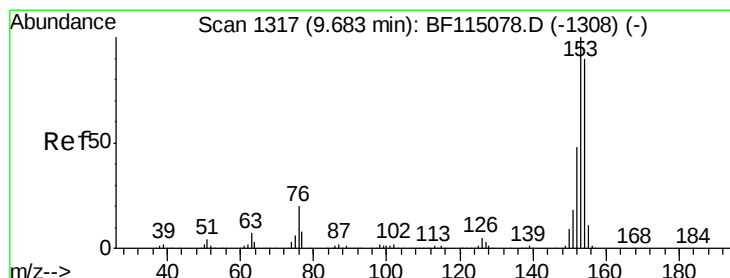
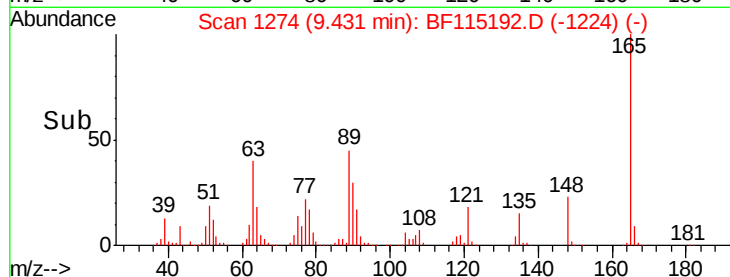
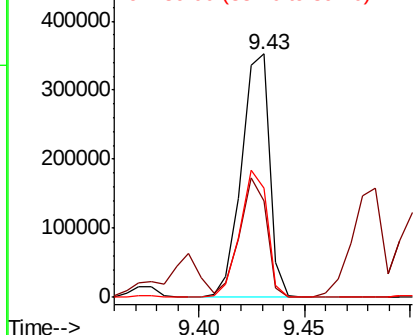
Tot Ion	Ratio	Resp	Lower	Upper
165	100	324270		
63	39.5		39.4	59.2
89	44.6		42.0	63.0

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

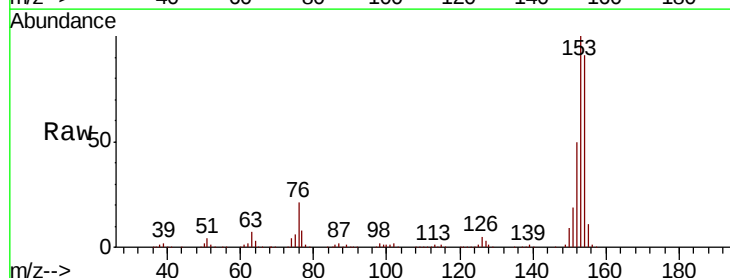


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

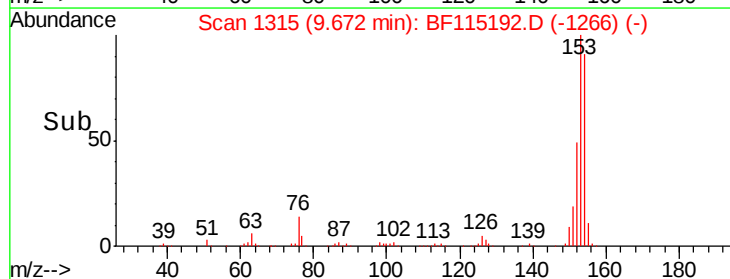
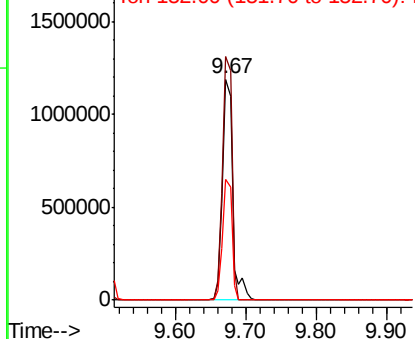


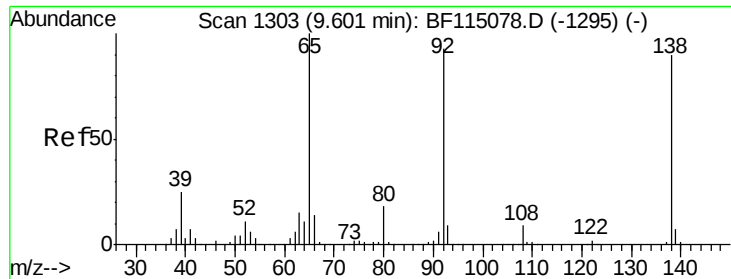
#52
Acenaphthene
Concen: 42.480 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1180950		
153	110.4		88.7	133.1
152	54.7		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





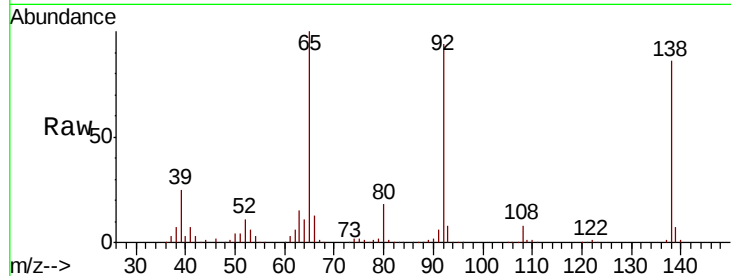
#53
3-Nitroaniline
Concen: 41.600 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

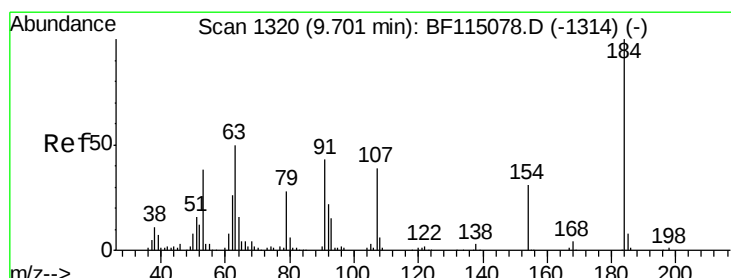
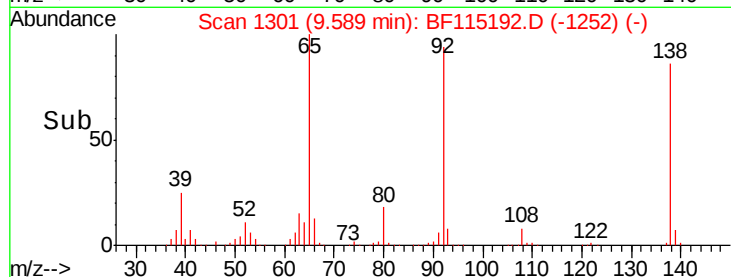
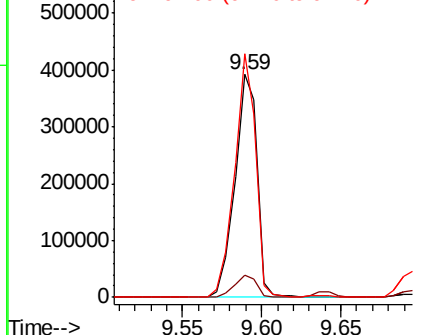
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	109.2	82.9	124.3

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

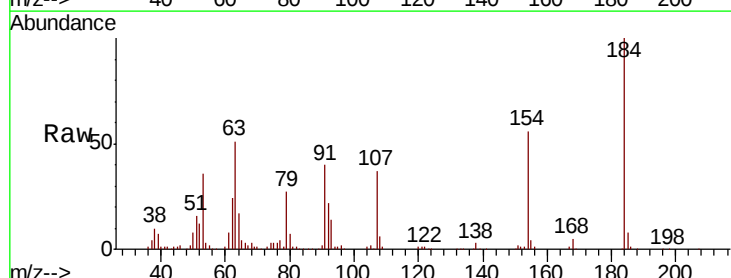


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

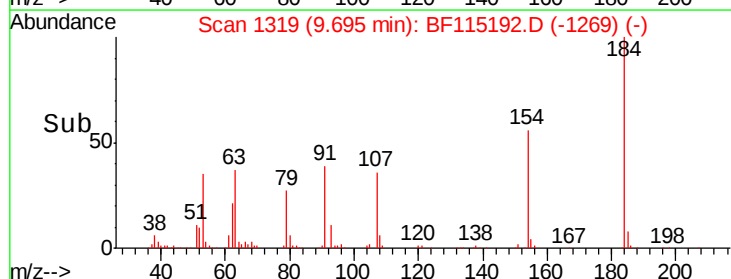
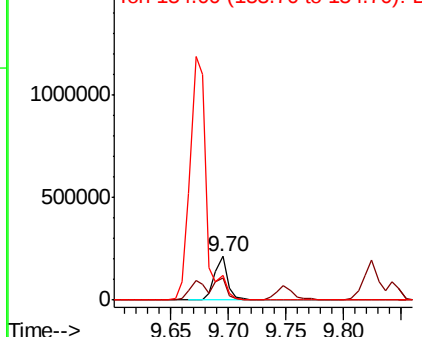


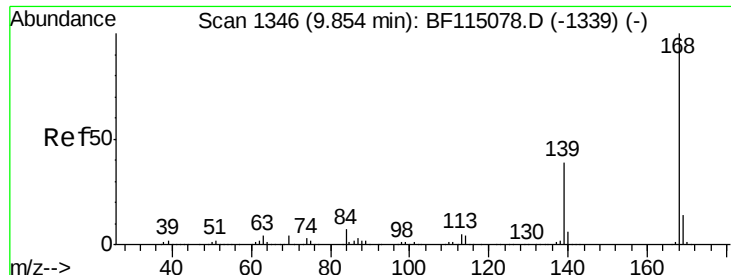
#54
2,4-Dinitrophenol
Concen: 47.735 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.9	41.9	62.9
154	55.9	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





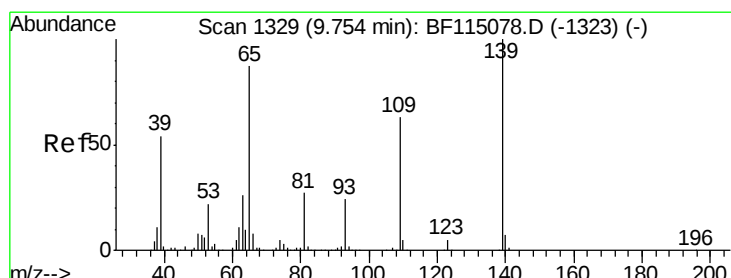
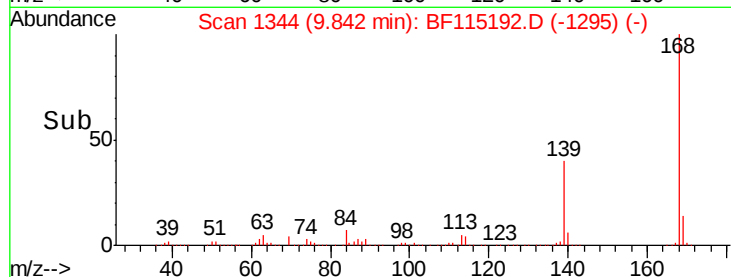
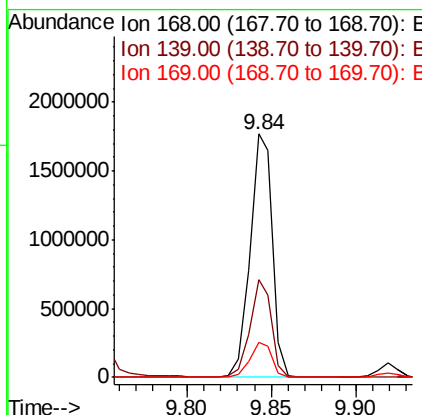
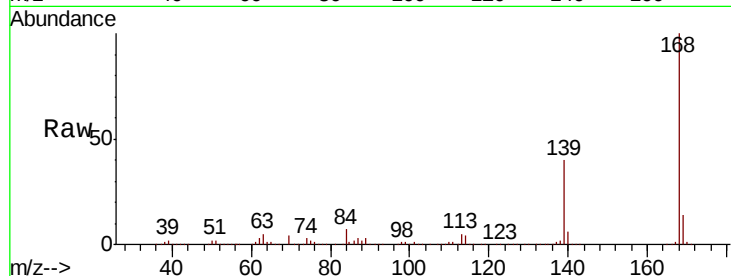
#55
Dibenzofuran
Concen: 40.847 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1629814
Ion Ratio Lower Upper
168 100
139 39.9 31.1 46.7
169 14.5 11.3 16.9

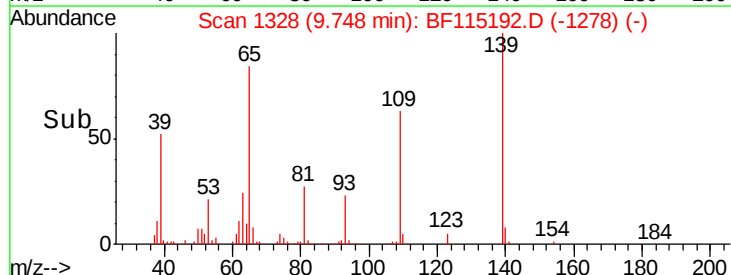
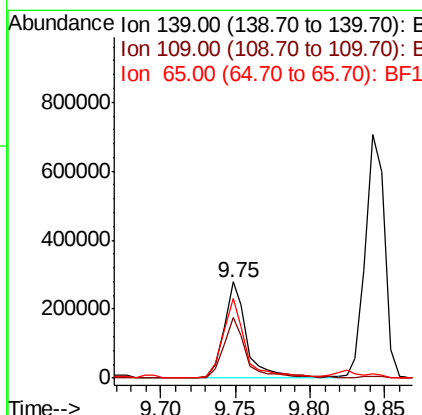
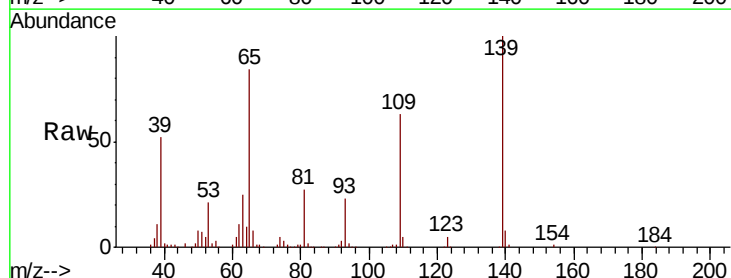
Manual Integrations
APPROVED

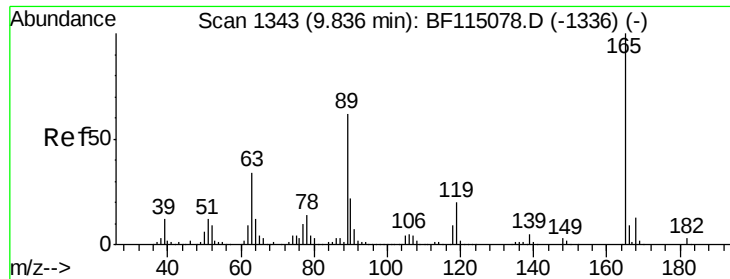
mohammad
6/26/2019 2:03:31 PM



#56
4-Nitrophenol
Concen: 41.718 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion:139 Resp: 304572
Ion Ratio Lower Upper
139 100
109 63.0 43.0 83.0
65 83.5 67.0 107.0





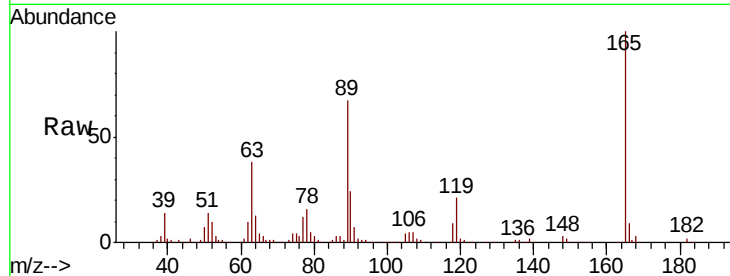
#57
2,4-Dinitrotoluene
Concen: 44.403 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

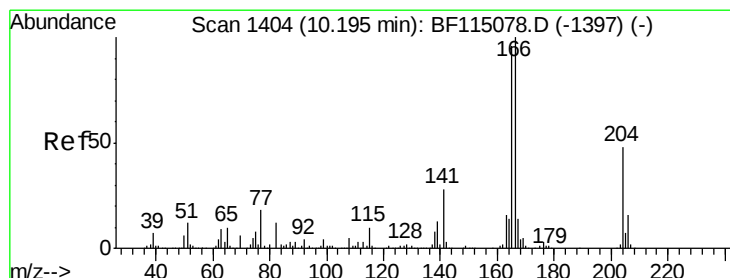
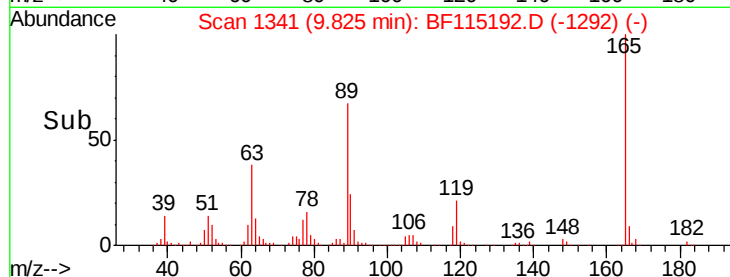
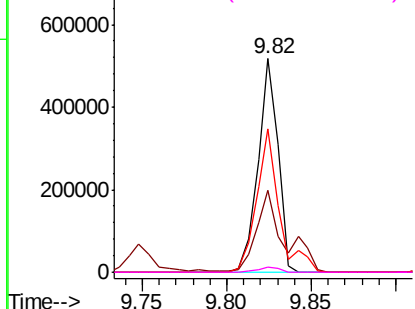
Tot Ion	Ratio	Resp	Lower	Upper
165	100	427837		
63	38.2	27.5	41.3	
89	67.0	49.9	74.9	
182	2.5	2.1	3.1	

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

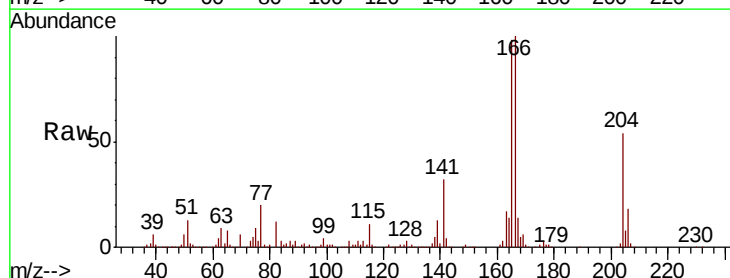


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

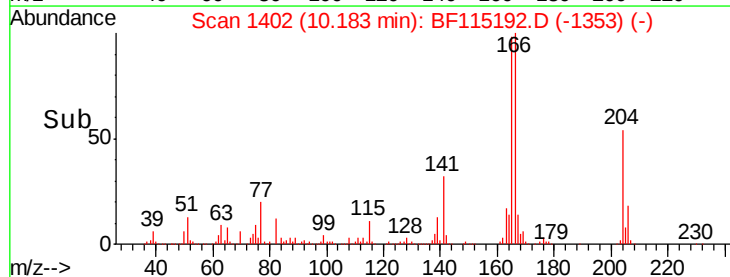
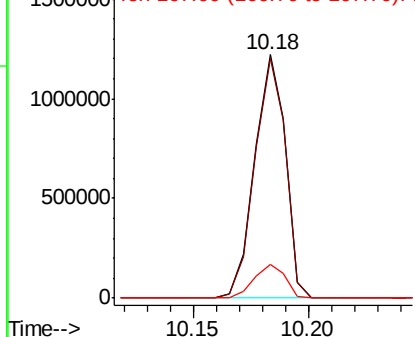


#58
Fluorene
Concen: 42.507 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1138910		
165	98.2	76.5	114.7	
167	14.1	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





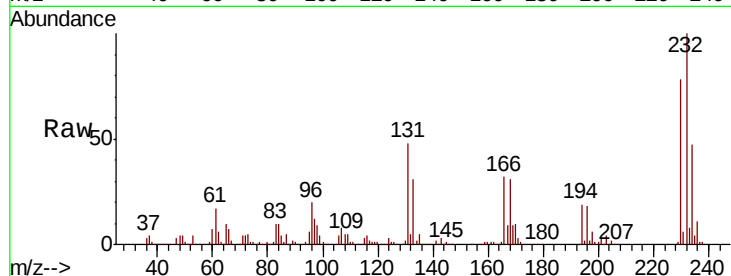
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.310 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

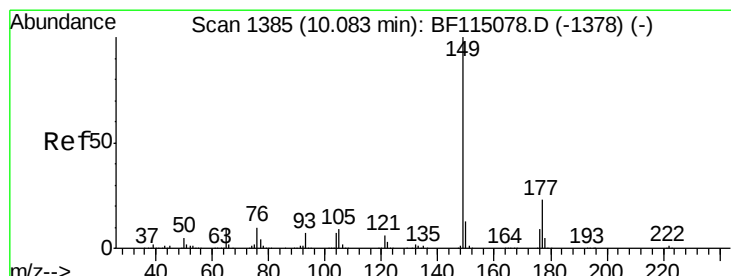
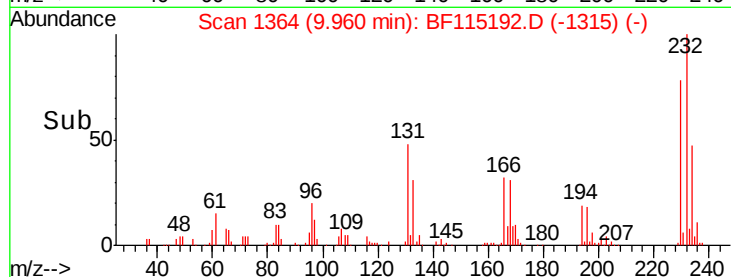
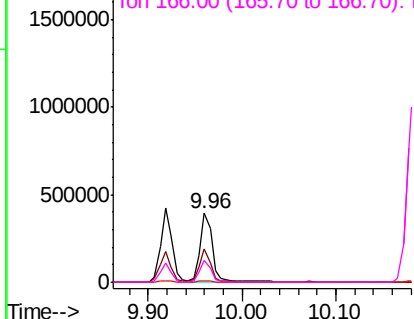
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		366735		
131	43.9	37.4	56.0		
130	2.2	1.8	2.6		
166	29.6	24.6	36.8		

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM



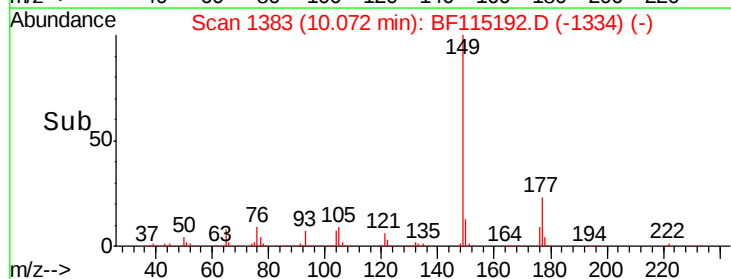
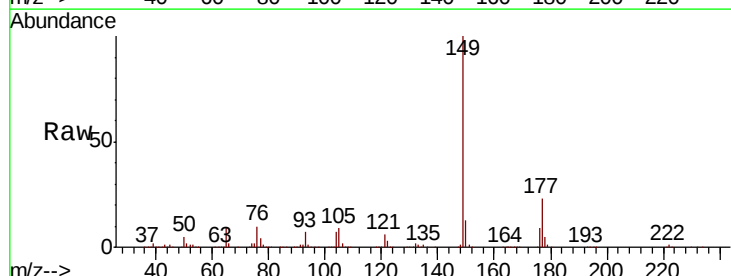
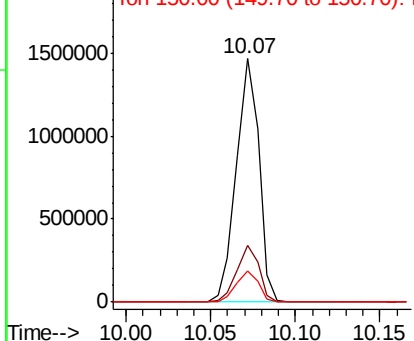
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

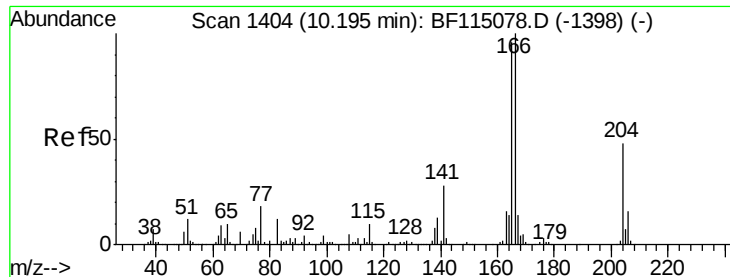


#60
 Diethylphthalate
 Concen: 42.103 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1367963		
177	23.2	18.7	28.1		
150	12.8	10.4	15.6		

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





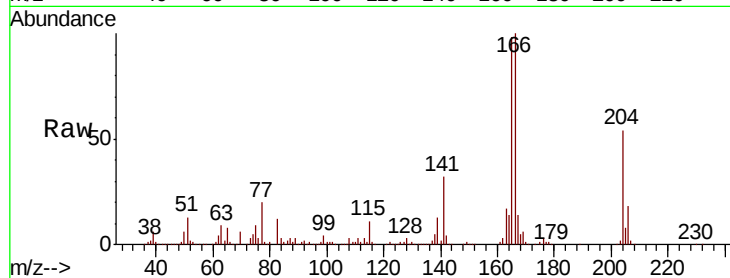
#61
4-Chlorophenyl-phenylether
Concen: 44.586 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	58.3	46.7	70.1

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

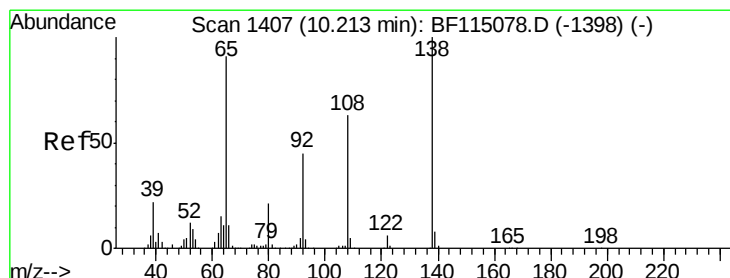
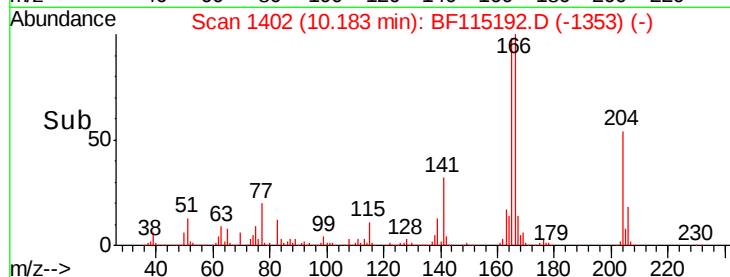
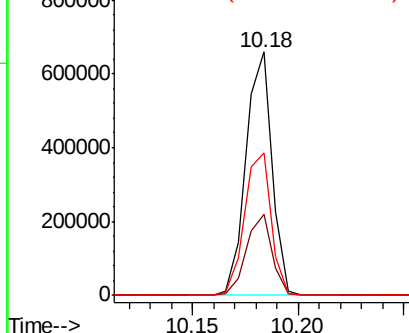


Abundance

Ion 204.00 (203.70 to 204.70): E

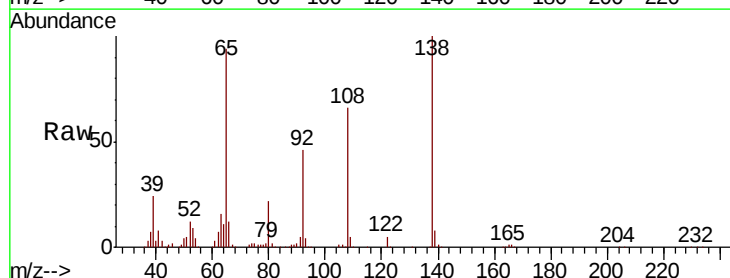
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.516 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	24.8	64.8
108	66.2	43.3	83.3

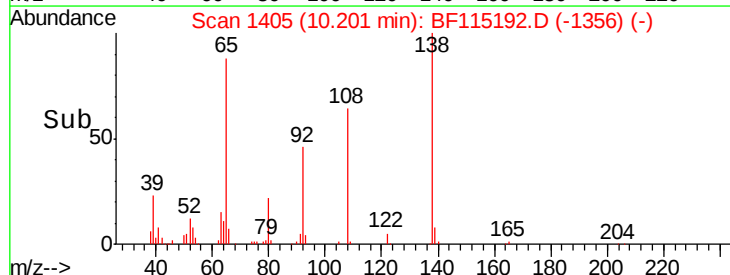
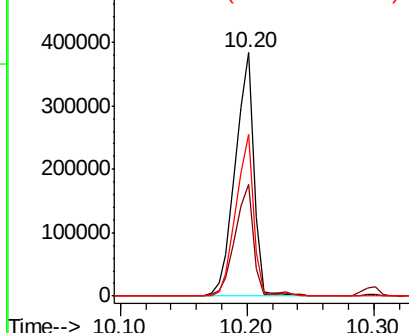


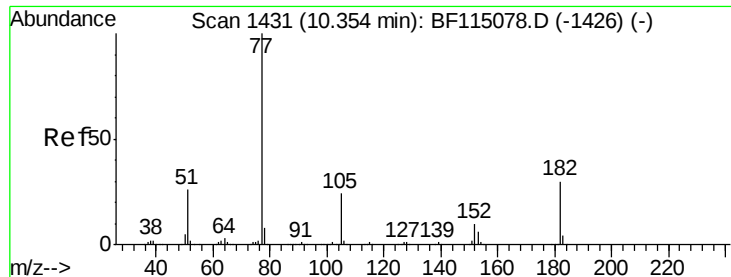
Abundance

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





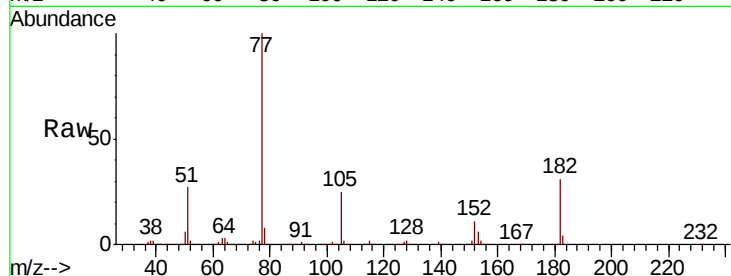
#63
Azobenzene
Concen: 40.862 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.1	50.1
105	24.9	4.5	44.5
51	26.7	6.4	46.4

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



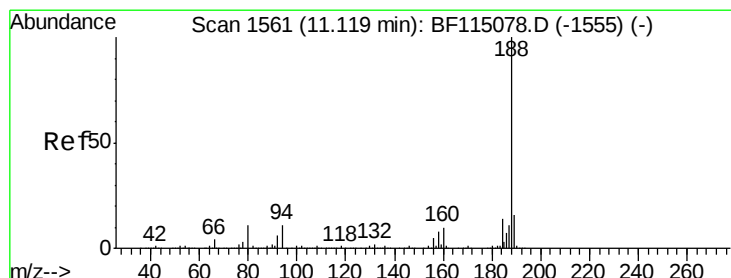
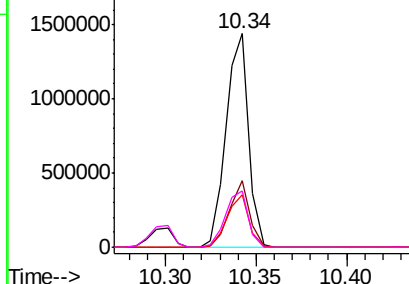
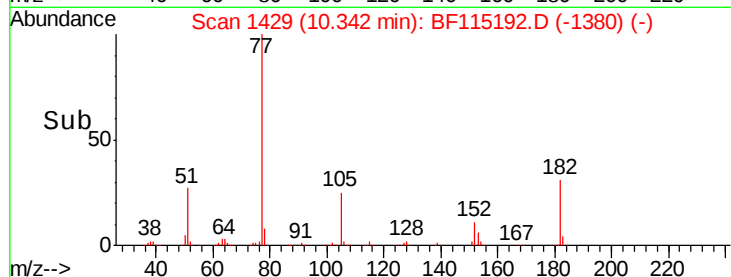
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

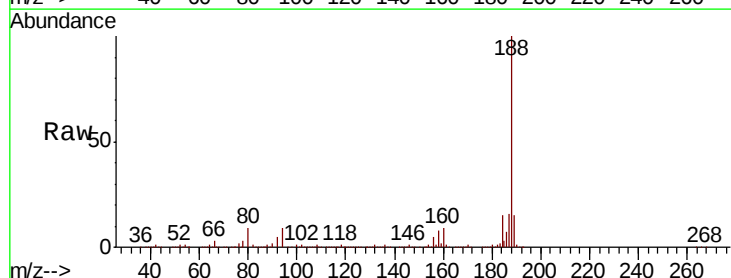
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	12.8
80	9.4	8.8	13.2

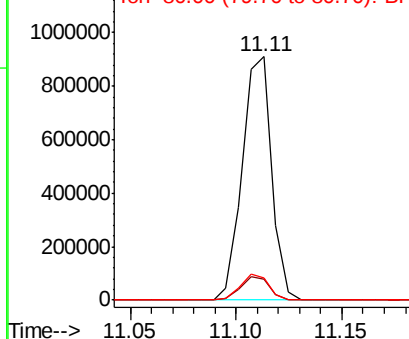
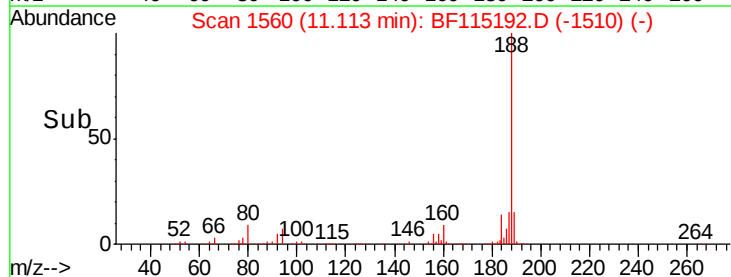


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.975 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

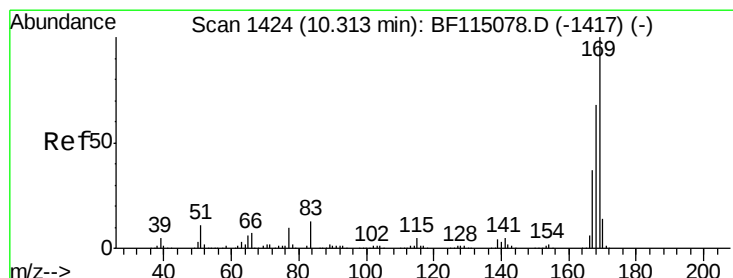
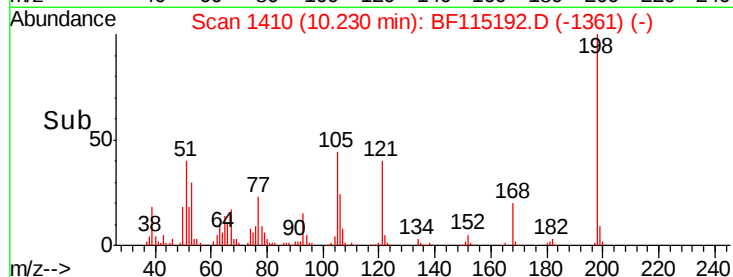
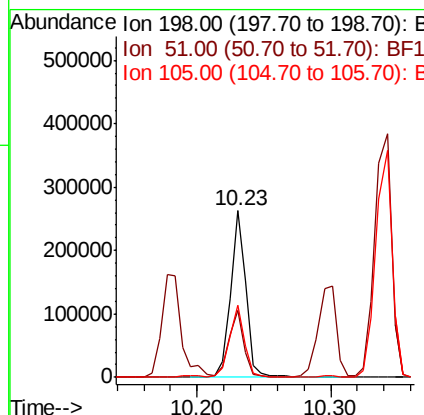
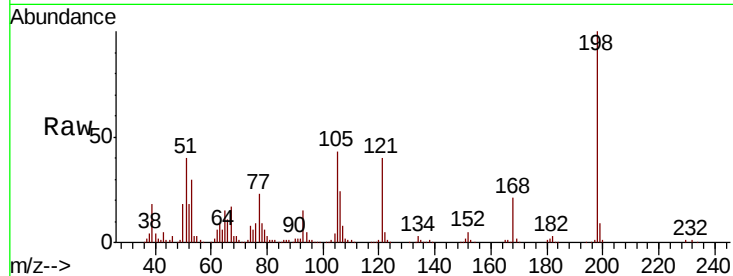
ClientSampled :

SSTDCCC040

Tot Ion:	198	Resp:	213141
Ion Ratio	Lower	Upper	
198	100		
51	40.4	11.0	51.0
105	43.5	17.3	57.3

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#66

n-Nitrosodiphenylamine

Concen: 40.926 ng

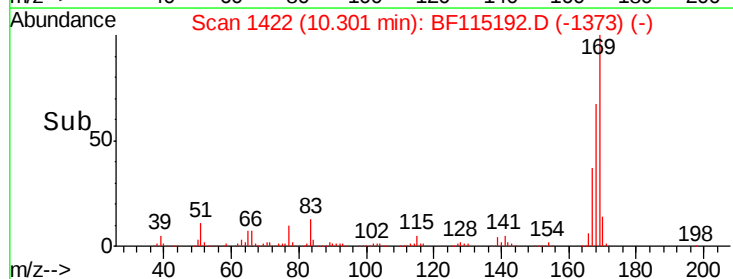
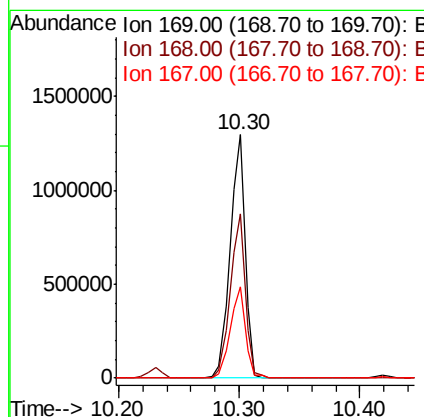
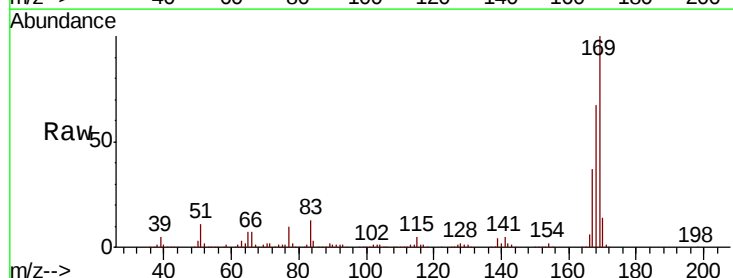
RT: 10.30 min Scan# 1422

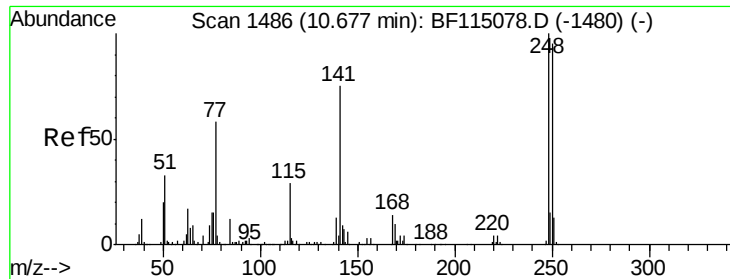
Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Tgt Ion:	169	Resp:	1116620
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.4
167	37.5	29.4	44.0





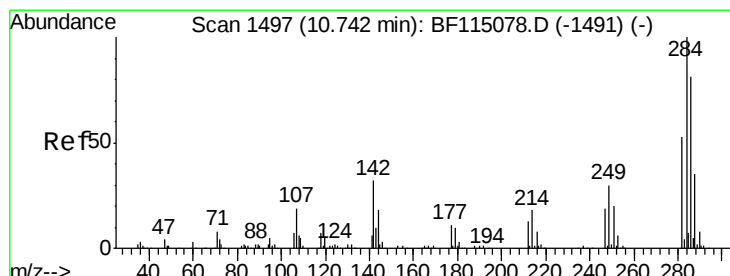
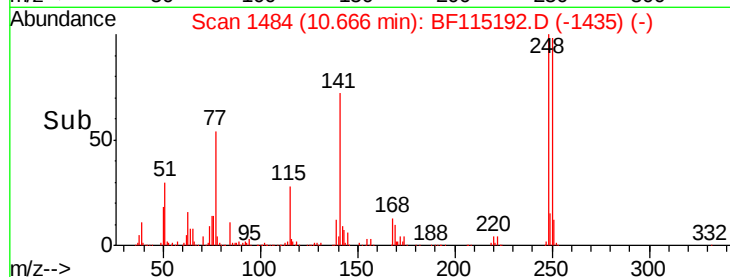
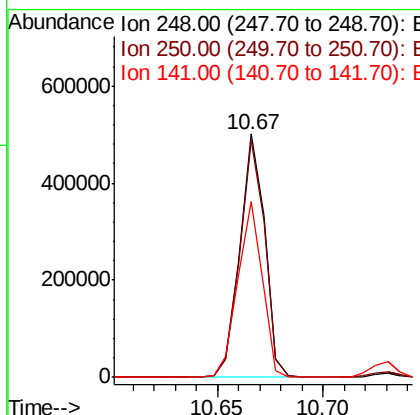
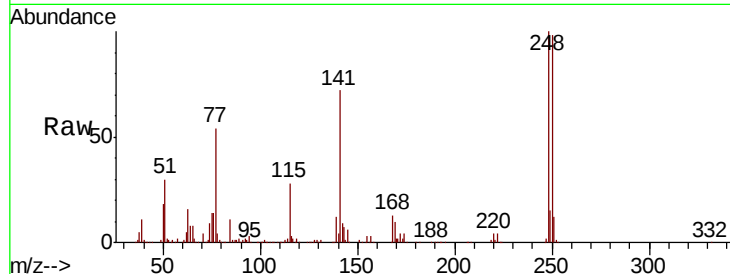
#67
4-Bromophenyl-phenylether
Concen: 42.928 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	72.4	59.6	89.4

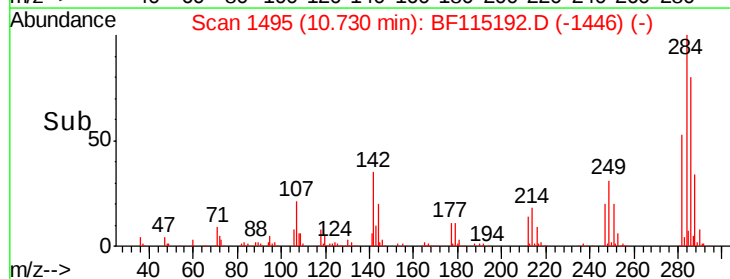
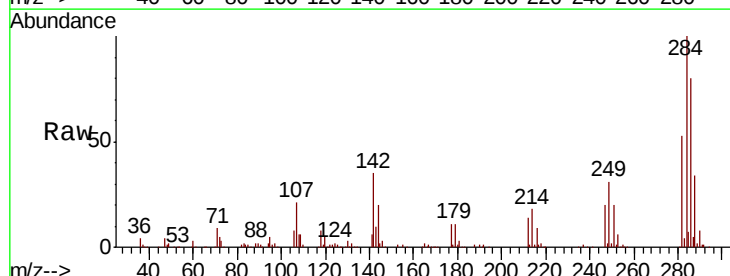
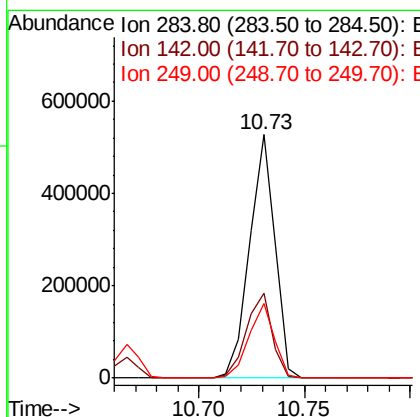
Manual Integrations
APPROVED

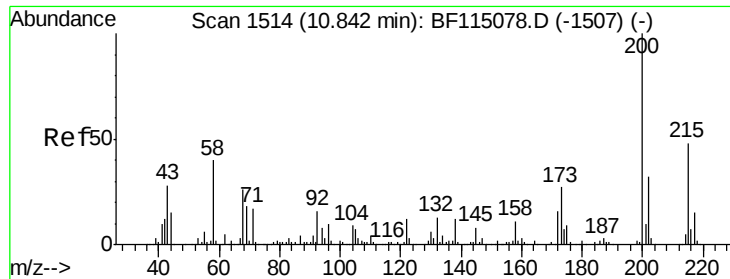
mohammad
6/26/2019 2:03:31 PM



#68
Hexachlorobenzene
Concen: 42.712 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.8	38.8
249	30.7	24.2	36.4





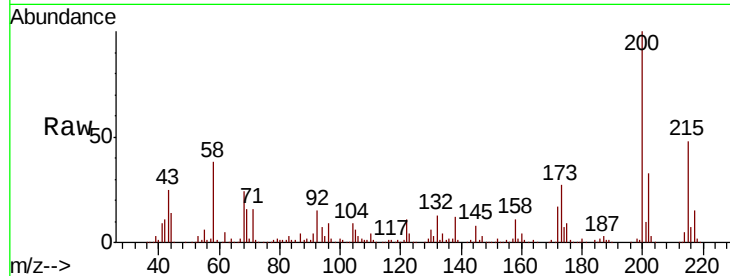
#69
Atrazine
Concen: 43.114 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	378401		
173	27.3	7.4	47.4	
215	47.6	27.8	67.8	

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

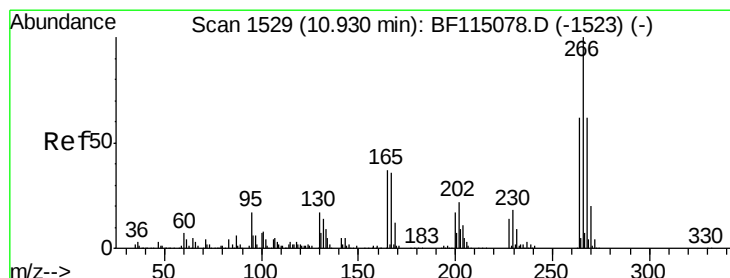
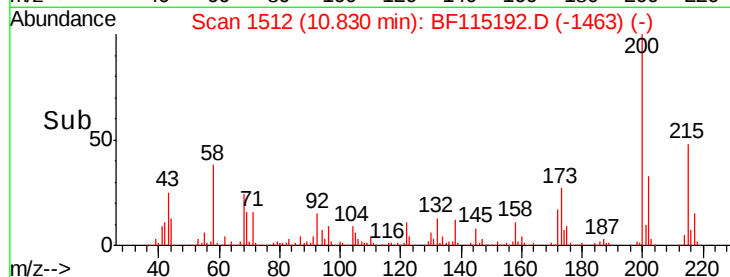
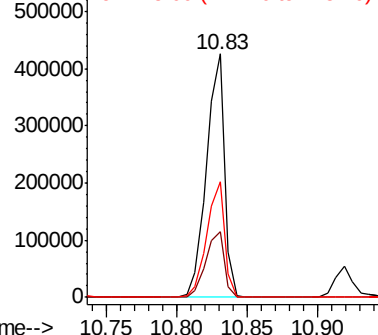


Abundance

Ion 200.00 (199.70 to 200.70): E

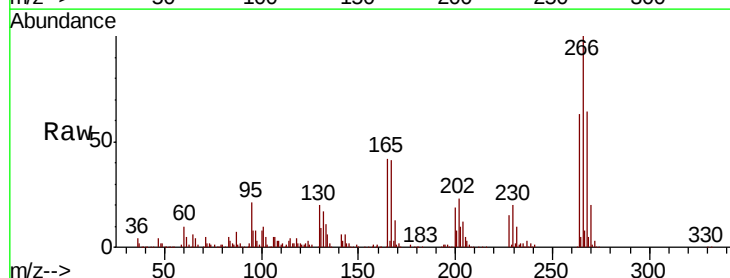
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 44.650 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	293163		
268	64.3	49.5	74.3	
264	63.4	49.3	73.9	

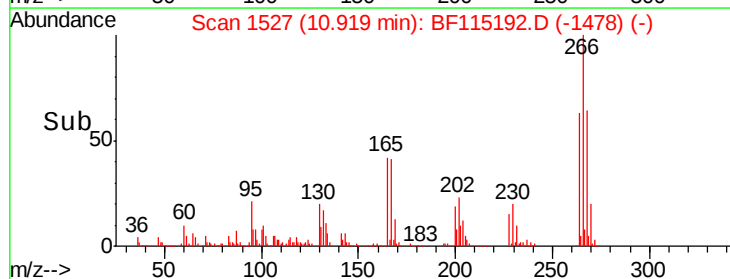
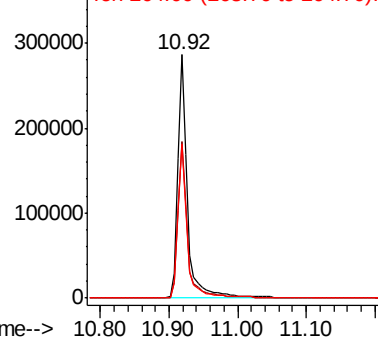


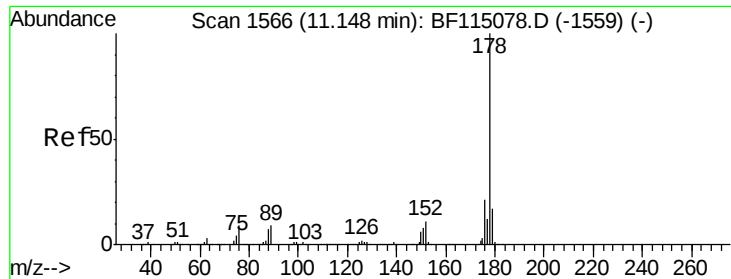
Abundance

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





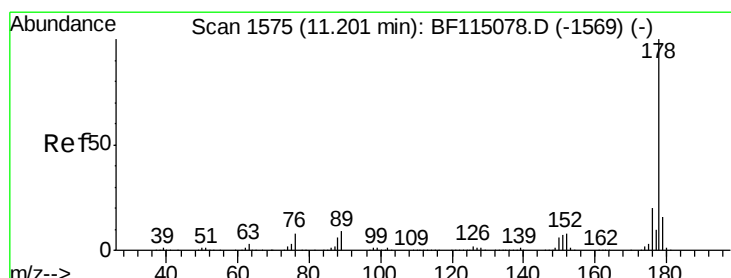
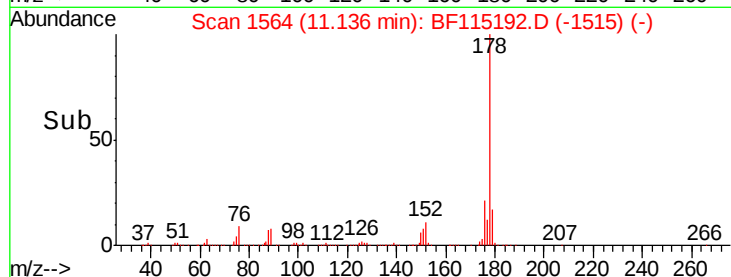
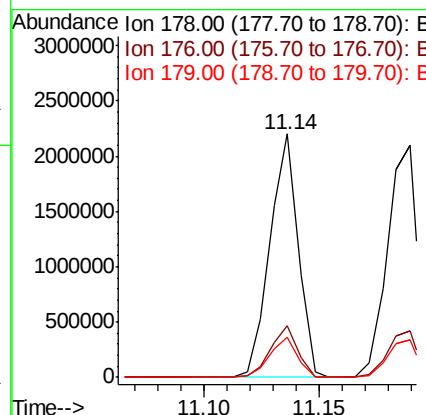
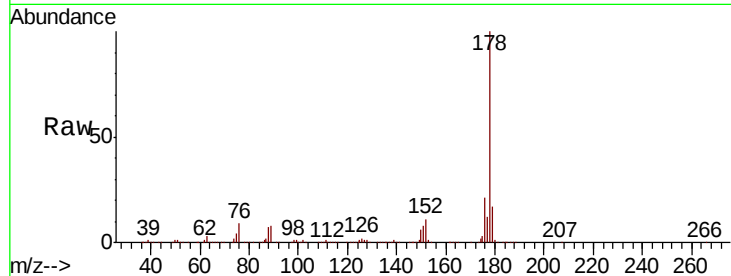
#71
Phenanthrene
Concen: 39.747 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.9	25.3
179	16.6	13.2	19.8

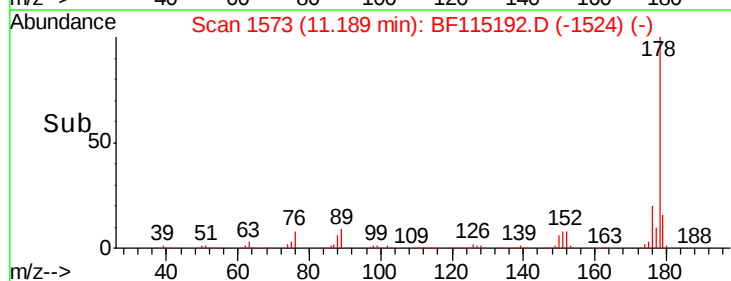
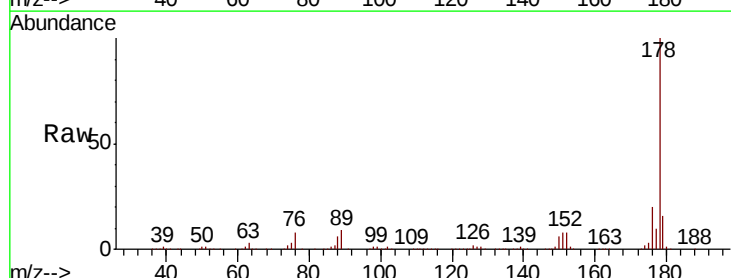
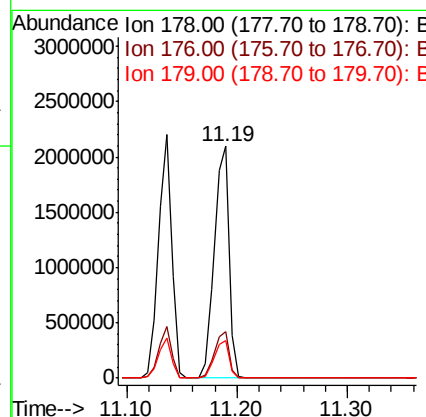
Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#72
Anthracene
Concen: 39.585 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.4	12.9	19.3





#73

Carbazole

Concen: 41.489 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1763335

Ion Ratio Lower Upper

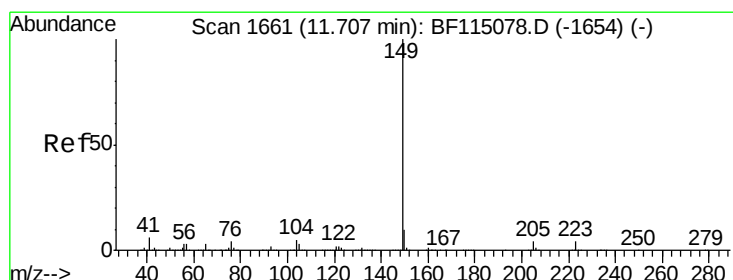
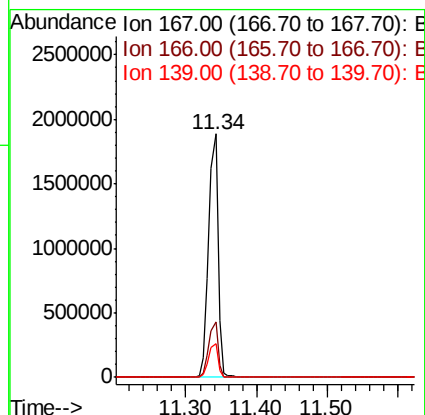
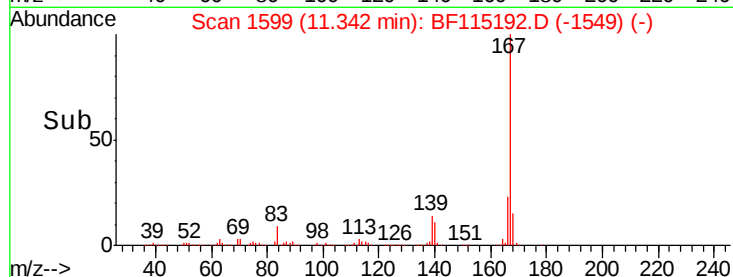
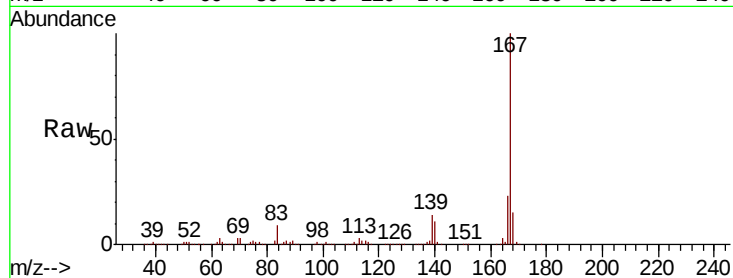
167 100

166 22.9 18.0 27.0

139 13.9 11.1 16.7

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#74

Di-n-butylphthalate

Concen: 42.891 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

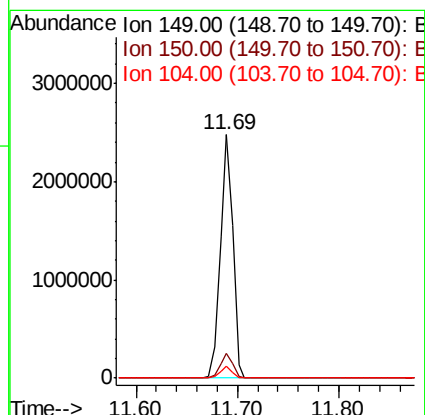
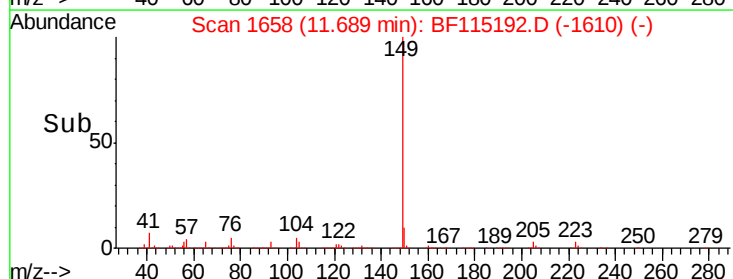
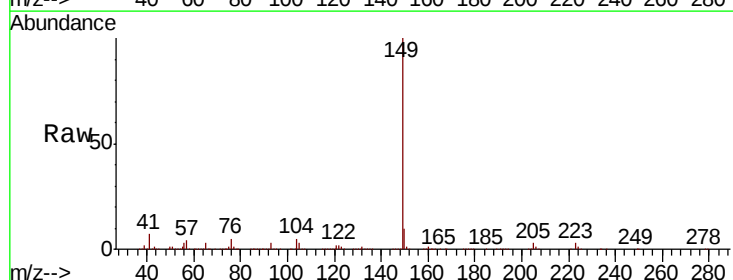
Tgt Ion:149 Resp: 2106521

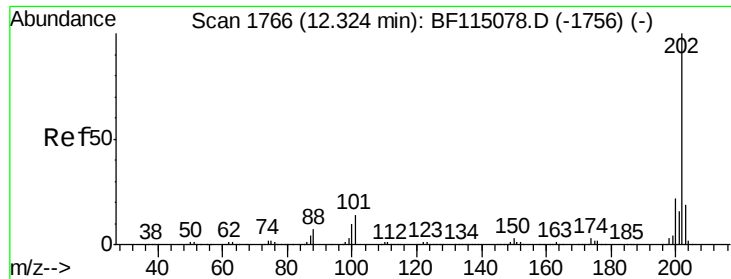
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

104 4.9 3.7 5.5





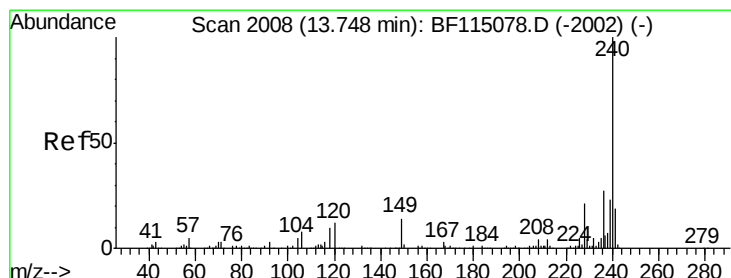
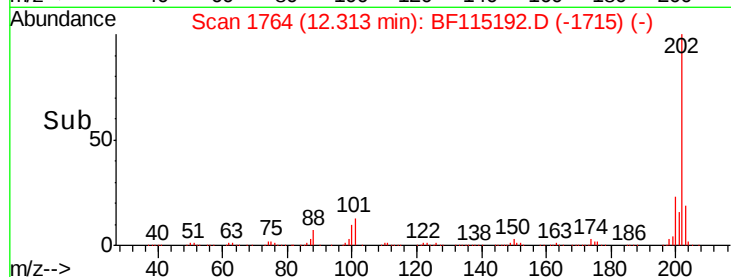
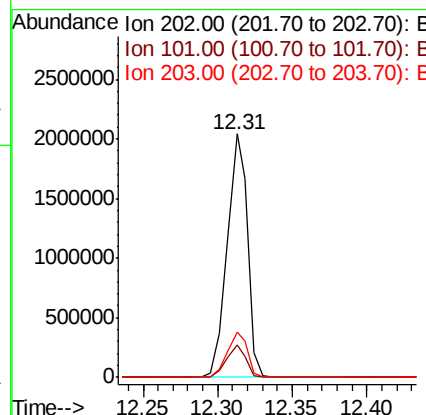
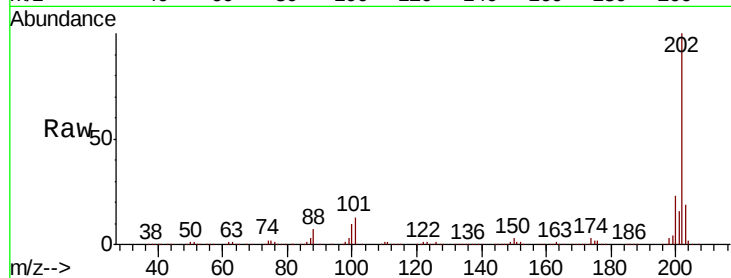
#75
Fluoranthene
Concen: 41.835 ng
RT: 12.31 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.7	0.0	38.8

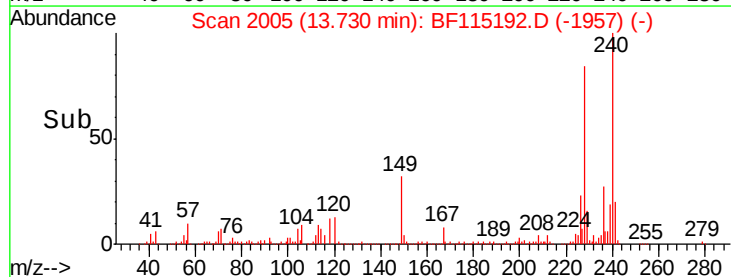
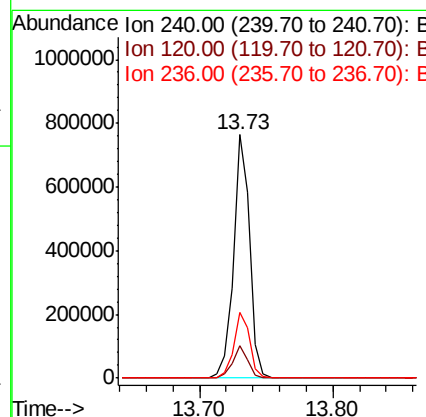
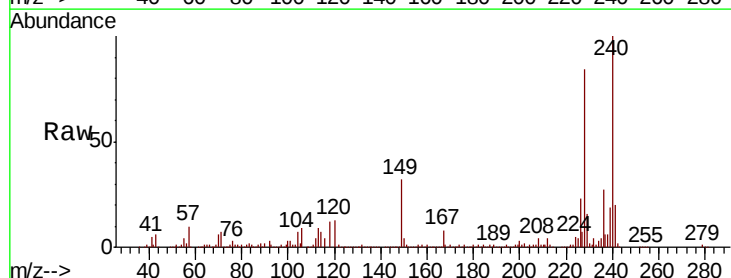
Manual Integrations
APPROVED

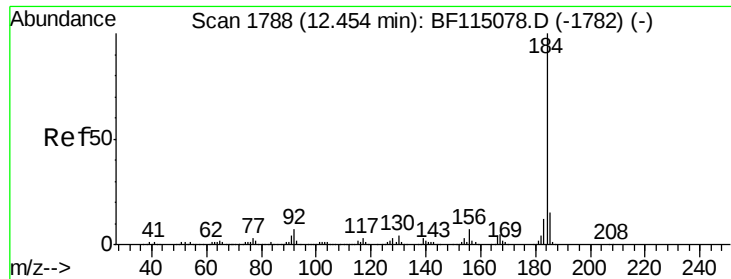
mohammad
6/26/2019 2:03:31 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.2
236	26.8	21.7	32.5





#77

Benzidine

Concen: 39.142 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1127234

Ion Ratio Lower Upper

184 100

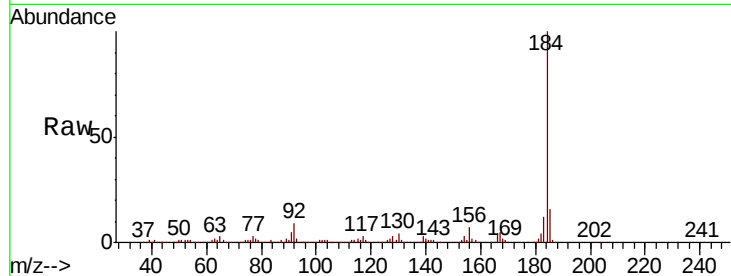
185 16.3 12.2 18.2

183 12.1 9.6 14.4

Manual Integrations
APPROVED

mohammad

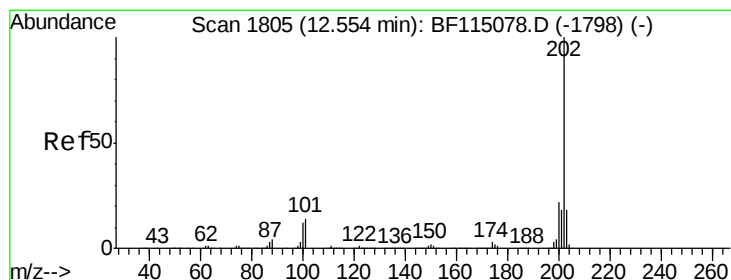
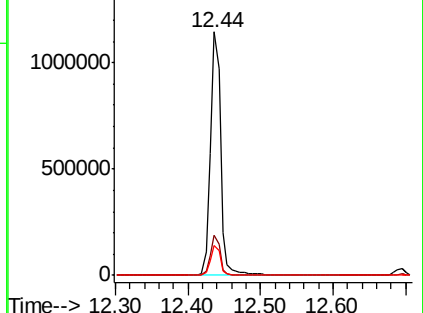
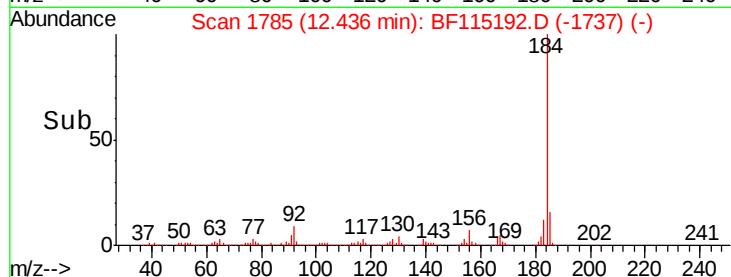
6/26/2019 2:03:31 PM



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: 40.232 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115192.D

Acq: 25 Jun 2019 17:27

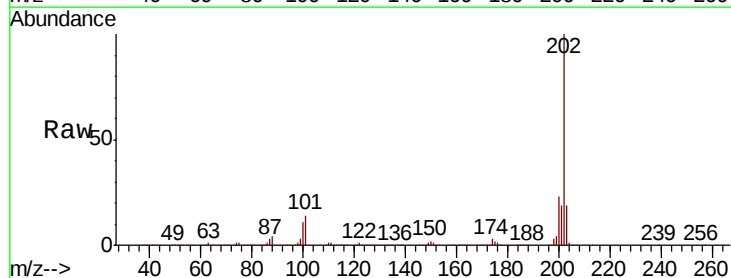
Tgt Ion:202 Resp: 2005248

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

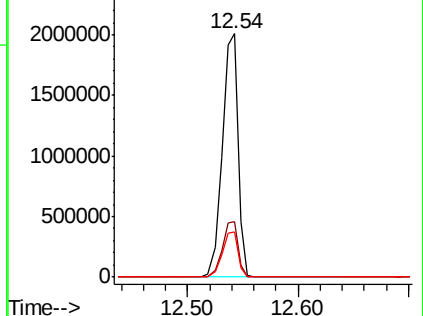
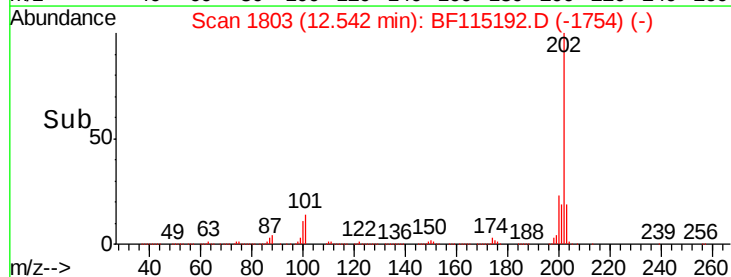
203 18.6 14.6 21.8

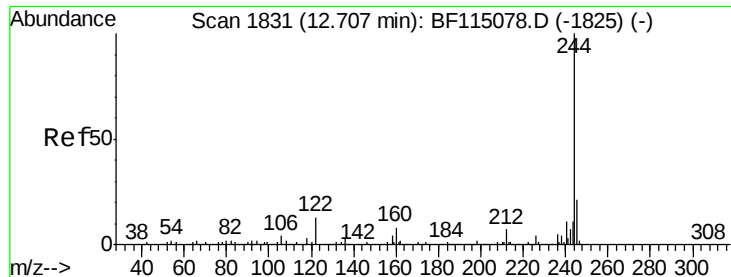


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





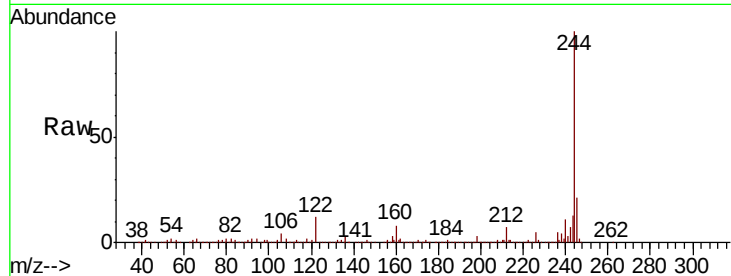
#79
 Terphenyl-d14
 Concen: 82.619 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.0	10.4	15.6

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:31 PM

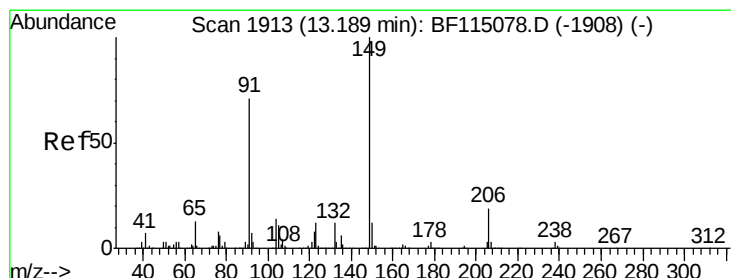
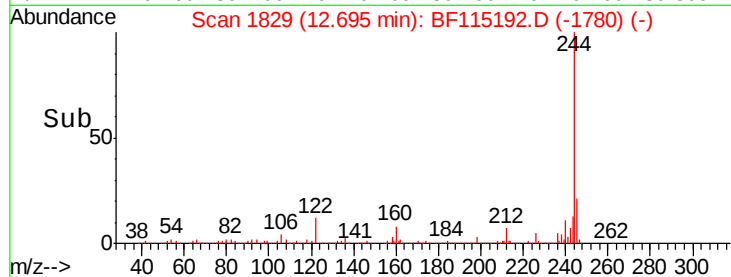
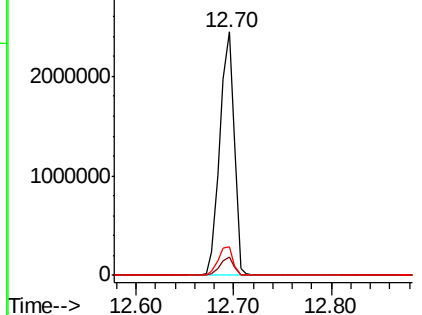


Abundance

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: 42.636 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF115192.D
 Acq: 25 Jun 2019 17:27

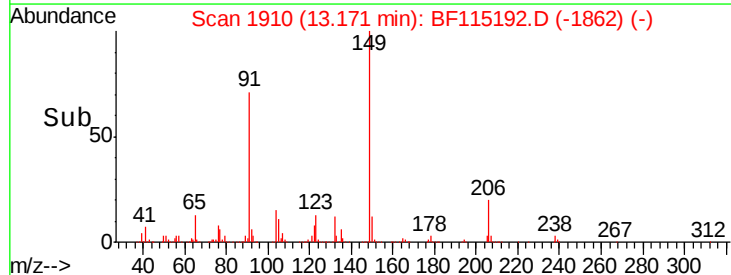
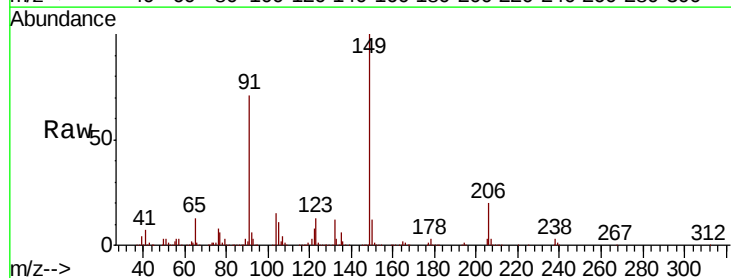
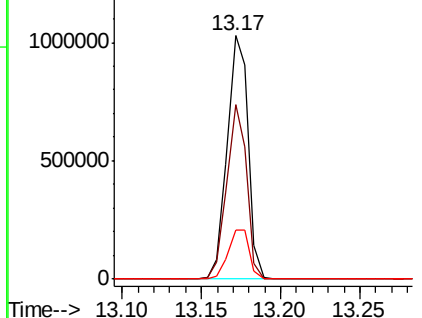
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.5	84.7
206	20.1	15.3	22.9

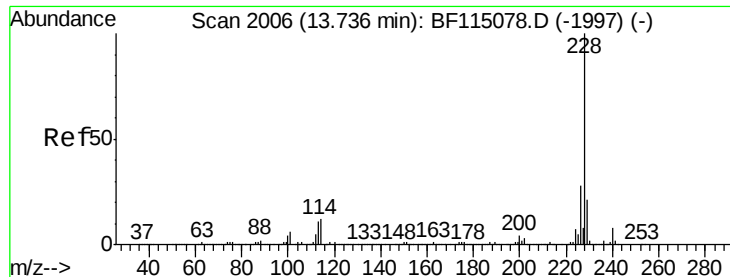
Abundance

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





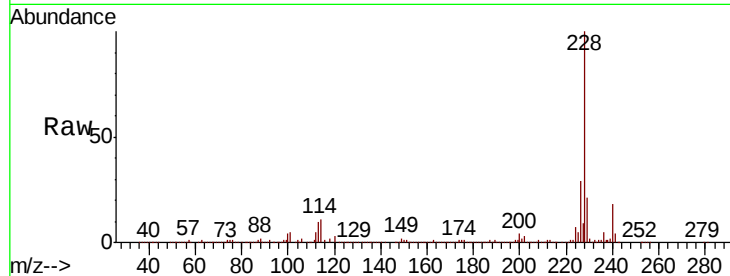
#81
Benzo(a)anthracene
Concen: 41.288 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	20.5	16.6	24.8

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM

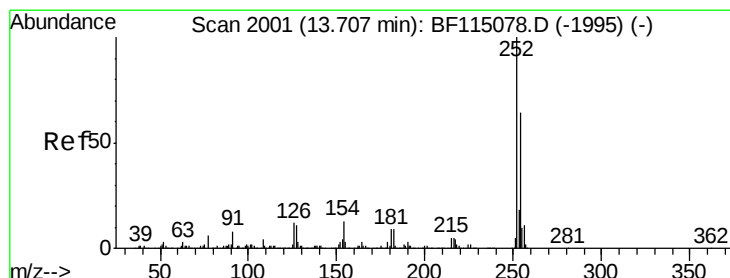
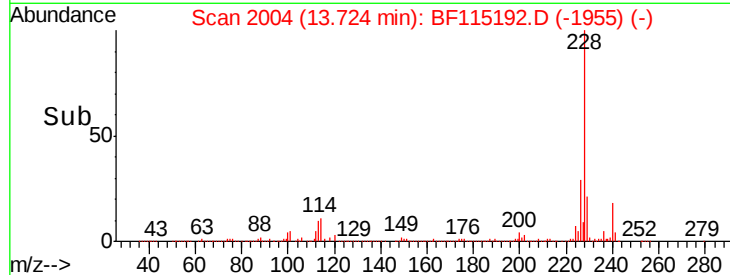
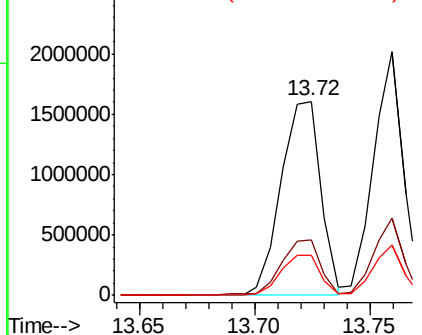


Abundance

Ion 228.00 (227.70 to 228.70): E

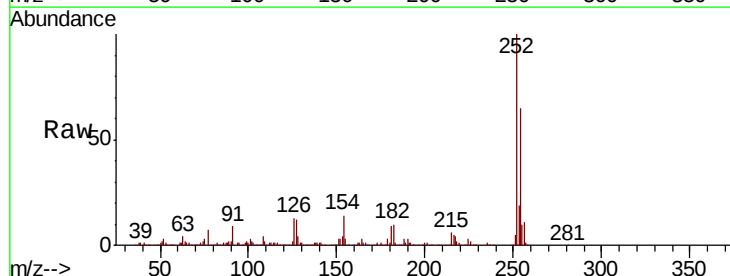
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.987 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	13.0	9.4	14.0

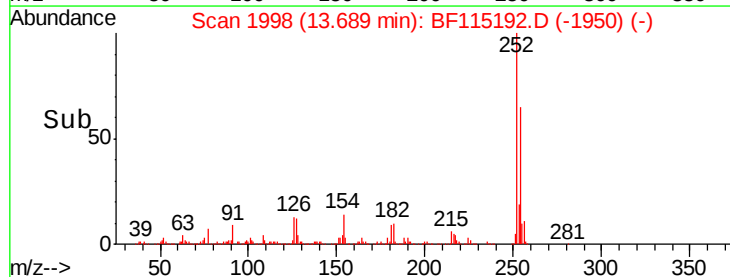
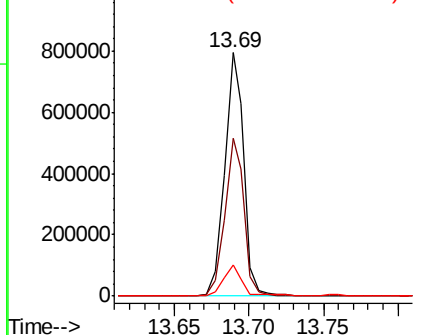


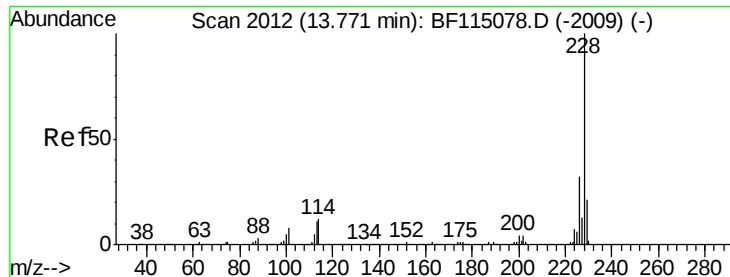
Abundance

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





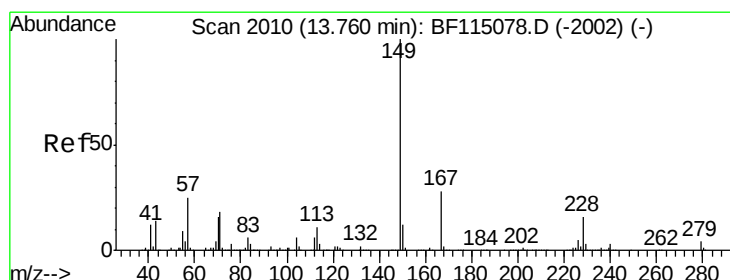
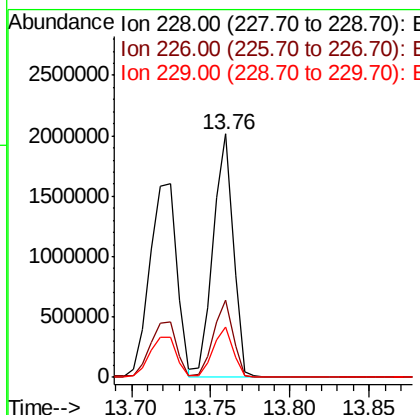
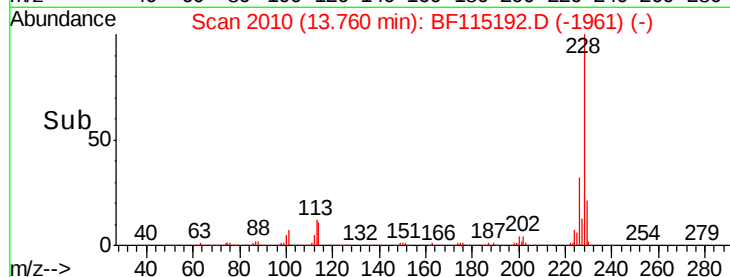
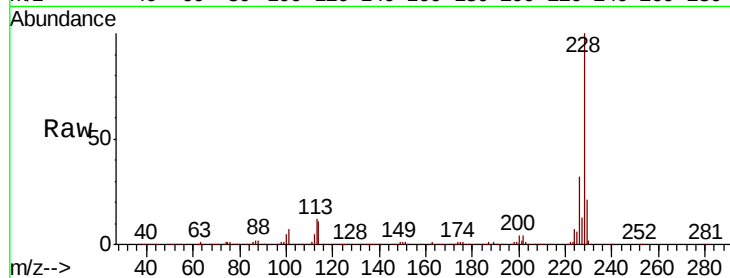
#83
Chrysene
Concen: 41.986 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	20.7	16.5	24.7

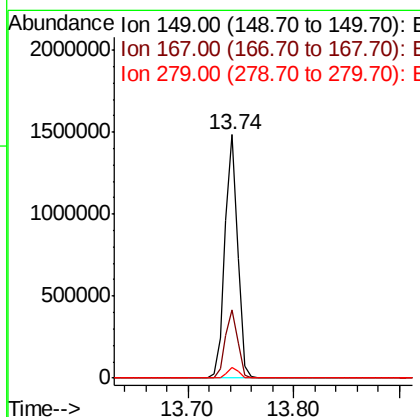
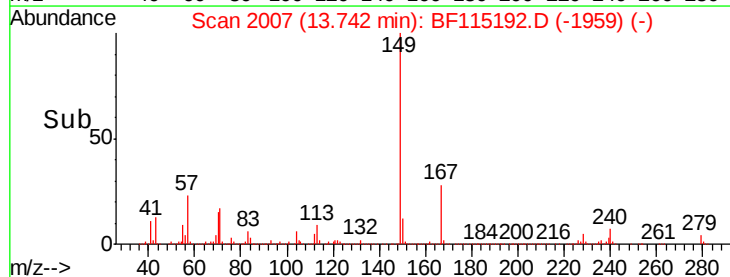
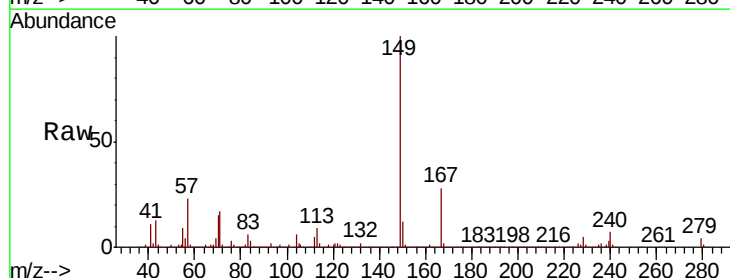
Manual Integrations
APPROVED

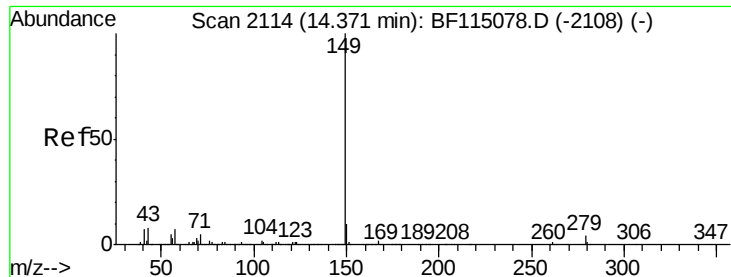
mohammad
6/26/2019 2:03:31 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.544 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.1	2.9	4.3





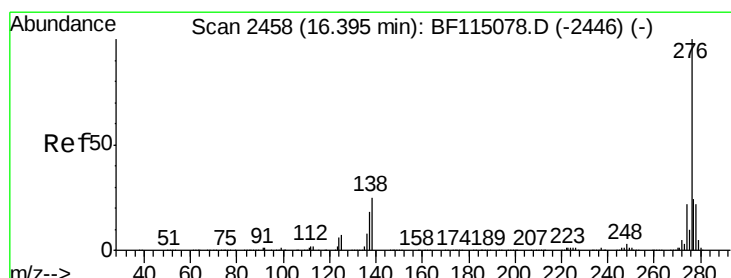
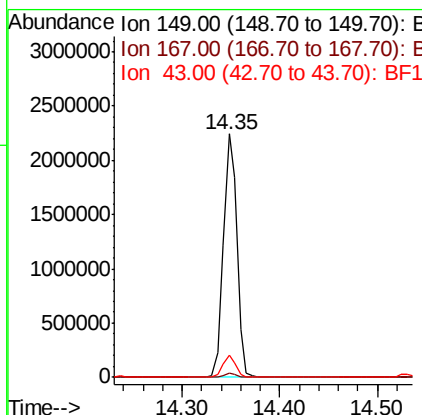
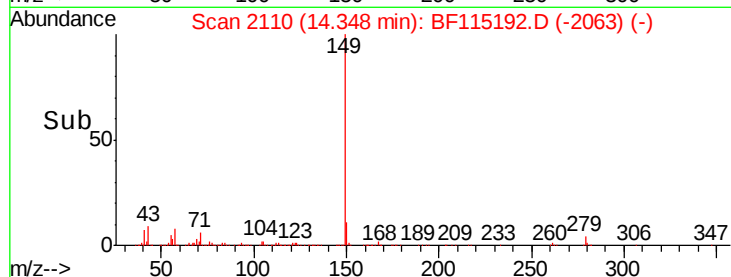
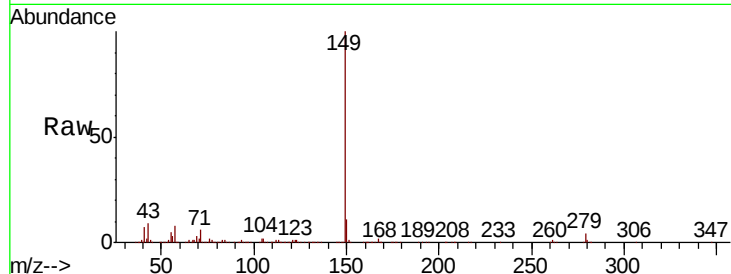
#85
Di-n-octyl phthalate
Concen: 44.209 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	7.0	10.6

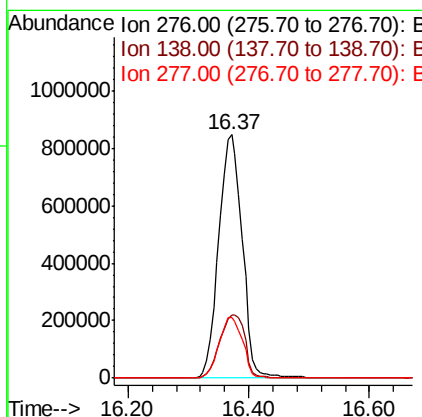
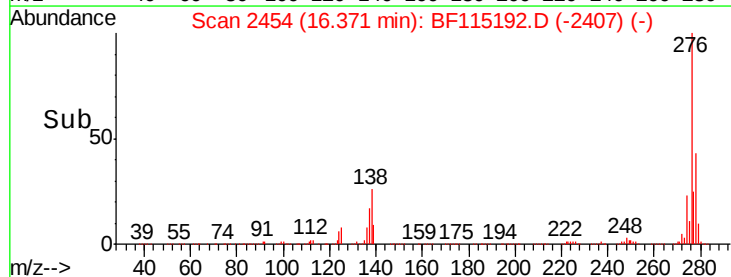
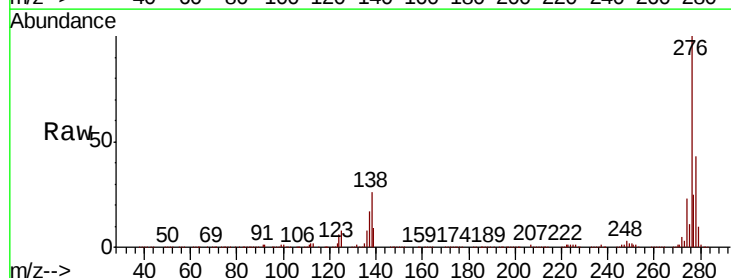
Manual Integrations
APPROVED

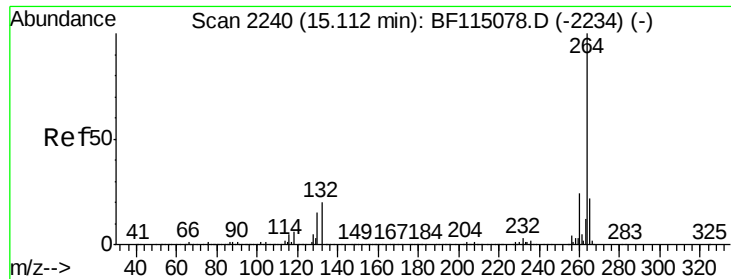
mohammad
6/26/2019 2:03:31 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.402 ng
RT: 16.37 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.2	34.8
277	25.4	20.1	30.1





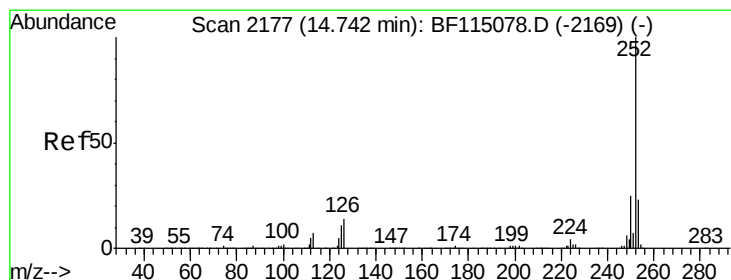
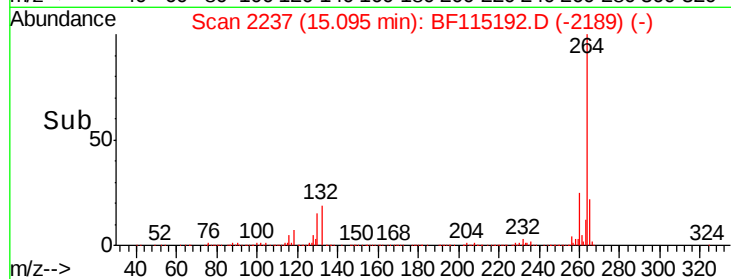
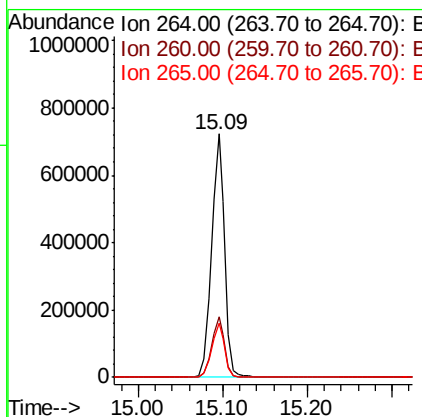
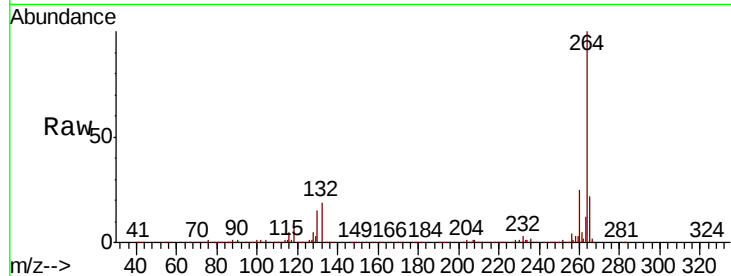
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.1	17.3	25.9

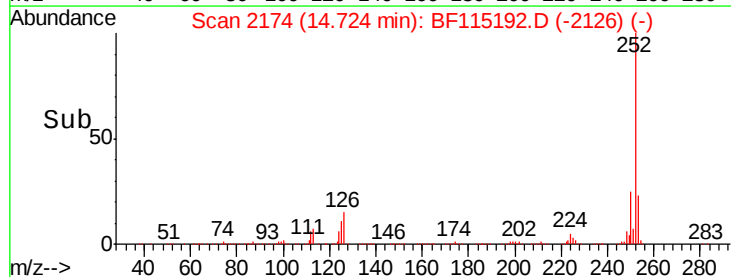
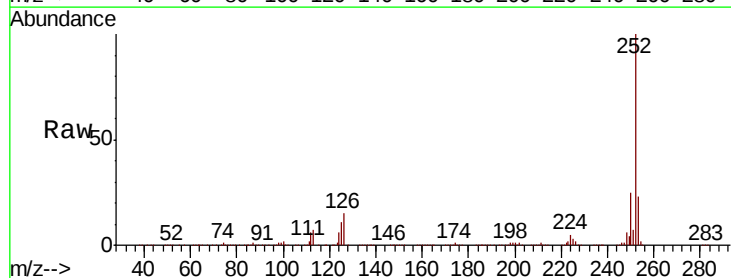
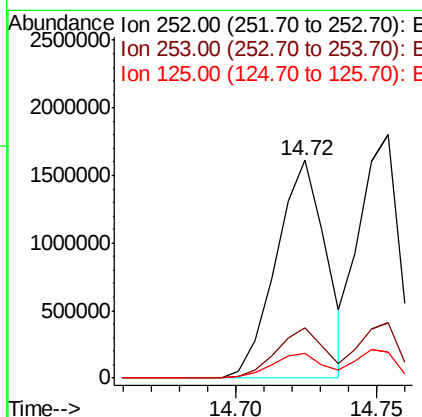
Manual Integrations
APPROVED

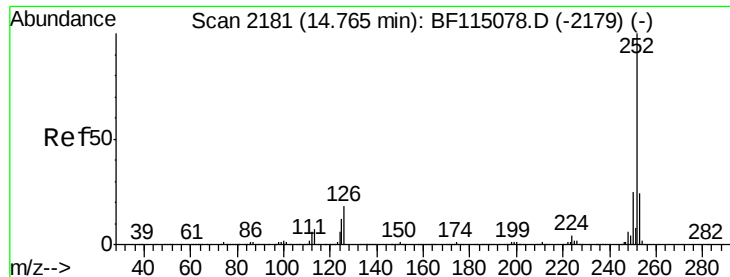
mohammad
6/26/2019 2:03:31 PM



#88
Benzo(b)fluoranthene
Concen: 39.820 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.4	8.7	13.1





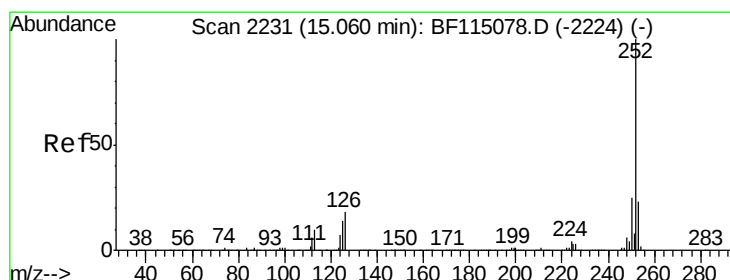
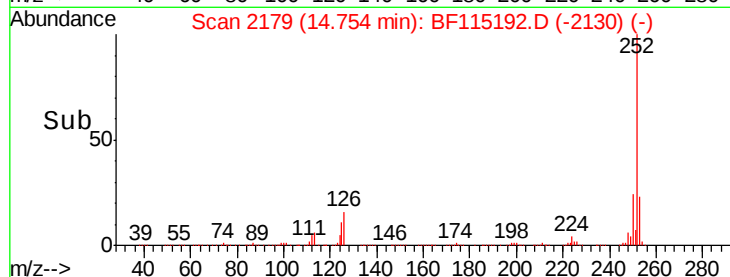
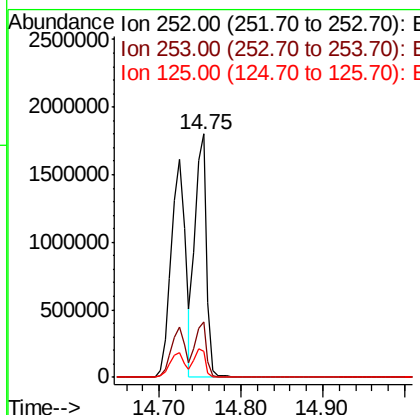
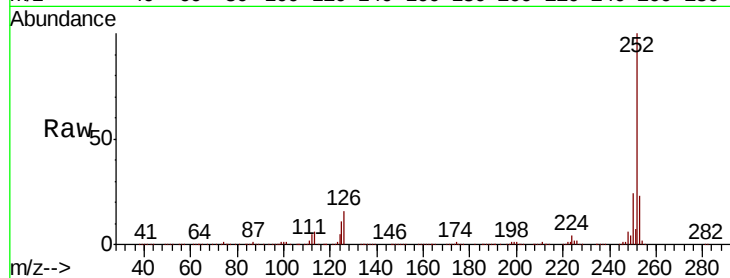
#89
Benzo(k)fluoranthene
Concen: 39.775 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	10.5	10.2	15.2

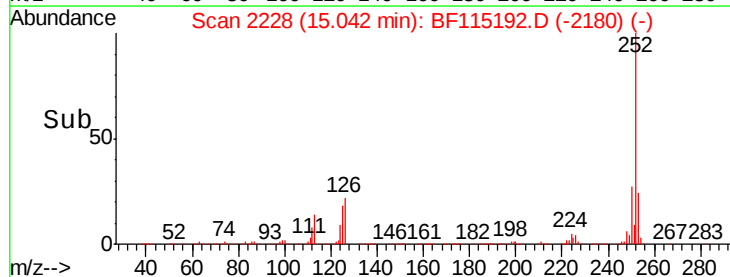
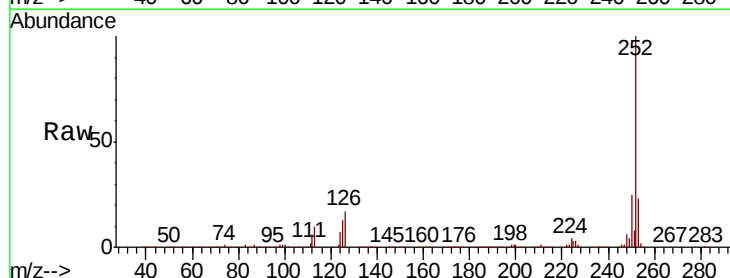
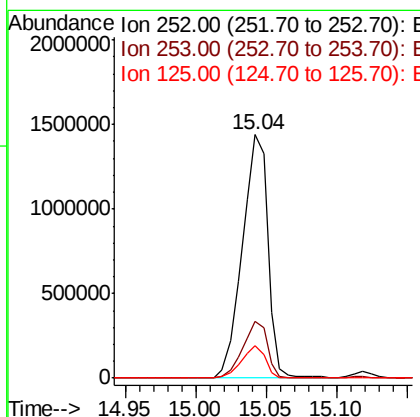
Manual Integrations
APPROVED

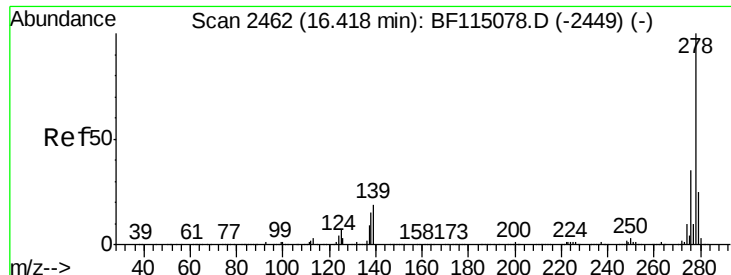
mohammad
6/26/2019 2:03:31 PM



#90
Benzo(a)pyrene
Concen: 40.802 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	13.4	10.9	16.3





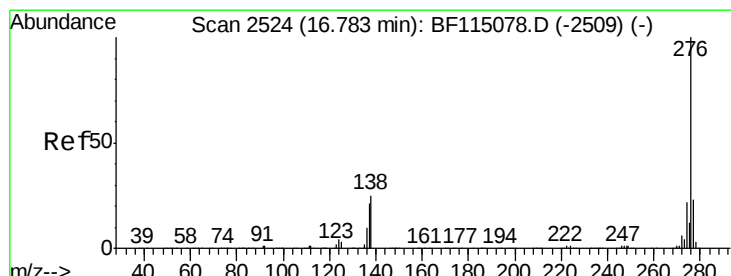
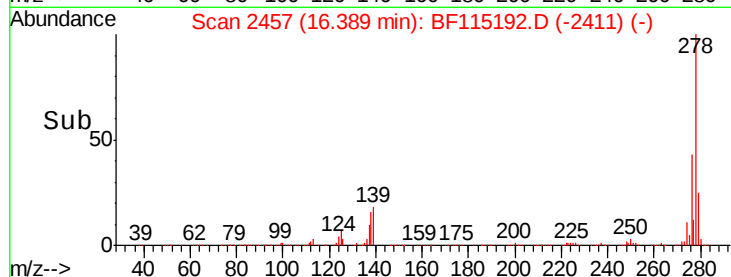
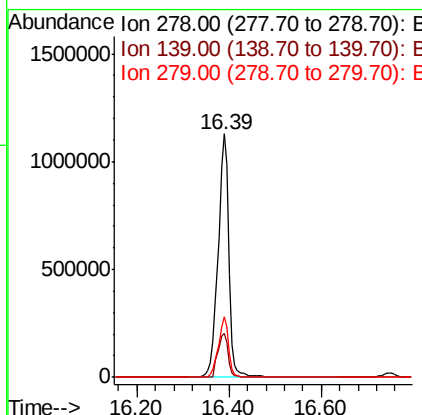
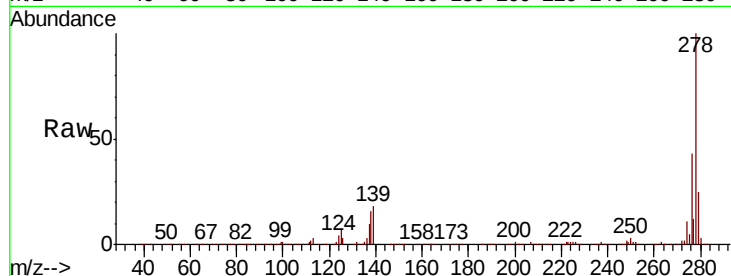
#91
Dibenzo(a,h)anthracene
Concen: 44.529 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.8	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:31 PM



#92
Benzo(g,h,i)perylene
Concen: 44.163 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF115192.D
Acq: 25 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	24.4	19.8	29.6

