

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115459.D
 Acq On : 10 Jul 2019 17:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/11/2019 5:22:14 PM

Quant Time: Jul 11 07:33:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177140	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	729001	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	364460	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	702511	20.00	ng	0.00
76) Chrysene-d12	14.06	240	475807	20.00	ng	0.00
87) Perylene-d12	15.54	264	459061	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	868348	75.74	ng	0.00
7) Phenol-d6	6.52	99	1098123	75.31	ng	0.00
23) Nitrobenzene-d5	7.46	82	986000	79.91	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334785	83.08	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1668483	80.33	ng	0.00
79) Terphenyl-d14	13.00	244	1910638	82.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	210717	37.470	ng	99
3) Pyridine	3.45	79	577178	37.117	ng	100
4) n-Nitrosodimethylamine	3.40	42	206868	32.806	ng	97
6) Aniline	6.56	93	765579	37.206	ng	100
8) 2-Chlorophenol	6.68	128	493529	38.122	ng	98
9) Benzaldehyde	6.44	77	348121	41.709	ng	96
10) Phenol	6.53	94	650605	37.292	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	480145	37.099	ng	98
12) 1,3-Dichlorobenzene	6.84	146	543407	38.313	ng	99
13) 1,4-Dichlorobenzene	6.92	146	546716	38.482	ng	98
14) 1,2-Dichlorobenzene	7.07	146	510285	38.795	ng	99
15) Benzyl Alcohol	7.03	79	436818	37.333	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	642041	35.479	ng	99
17) 2-Methylphenol	7.15	107	418945	37.774	ng	99
18) Hexachloroethane	7.41	117	201297	38.035	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	346812	35.156	ng	97
20) 3+4-Methylphenols	7.30	107	492737	37.611	ng	94
22) Acetophenone	7.30	105	649154	37.162	ng	# 97
24) Nitrobenzene	7.47	77	543302	38.990	ng	96
25) Isophorone	7.72	82	970751	36.298	ng	99
26) 2-Nitrophenol	7.79	139	271414	47.377	ng	98
27) 2,4-Dimethylphenol	7.83	122	385036	35.247	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	609310	36.947	ng	99
29) 2,4-Dichlorophenol	8.03	162	430157	39.535	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	470255	38.823	ng	100
31) Naphthalene	8.20	128	1390404	38.399	ng	99
32) Benzoic acid	7.94	122	244132m	32.858	ng	
33) 4-Chloroaniline	8.25	127	621835	38.490	ng	99
34) Hexachlorobutadiene	8.32	225	275898	40.165	ng	98
35) Caprolactam	8.62	113	135519	38.243	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	448715	38.989	ng	95
37) 2-Methylnaphthalene	8.89	142	923149	38.142	ng	100
38) 1-Methylnaphthalene	8.99	142	885059	38.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	419983	40.056	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115459.D
 Acq On : 10 Jul 2019 17:03
 Operator : HP/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

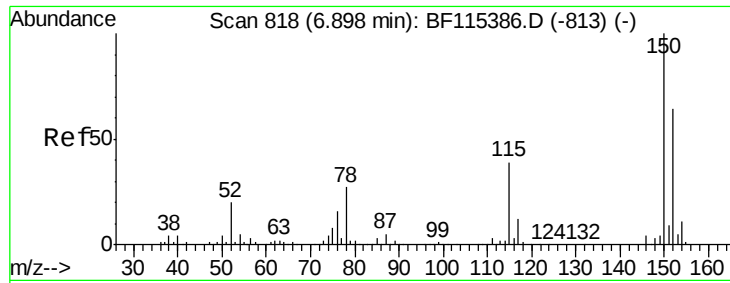
Manual Integrations
 APPROVED

mohammad
 7/11/2019 5:22:14 PM

Quant Time: Jul 11 07:33:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	233460	38.417	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	307928	40.340	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	313935	39.662	ng	96
46) 1,1'-Biphenyl	9.36	154	1120005	39.090	ng	99
47) 2-Chloronaphthalene	9.38	162	932402	39.374	ng	99
48) 2-Nitroaniline	9.47	65	295408	42.460	ng	92
49) Acenaphthylene	9.80	152	1394918	38.907	ng	99
50) Dimethylphthalate	9.66	163	1065652	38.956	ng	99
51) 2,6-Dinitrotoluene	9.71	165	249669	42.083	ng	95
52) Acenaphthene	9.97	154	889089	39.403	ng	100
53) 3-Nitroaniline	9.88	138	291953	42.370	ng	95
54) 2,4-Dinitrophenol	9.99	184	112824	48.419	ng	90
55) Dibenzofuran	10.14	168	1241988	39.074	ng	100
56) 4-Nitrophenol	10.03	139	225007	42.206	ng	95
57) 2,4-Dinitrotoluene	10.12	165	330516	43.837	ng	95
58) Fluorene	10.49	166	906052	36.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	272331	39.828	ng	99
60) Diethylphthalate	10.36	149	1023414	38.009	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	471140	38.525	ng	98
62) 4-Nitroaniline	10.50	138	282736	41.802	ng	98
63) Azobenzene	10.63	77	1020556	36.770	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	160149	47.675	ng	91
66) n-Nitrosodiphenylamine	10.59	169	861141	38.904	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	312093	39.592	ng	95
68) Hexachlorobenzene	11.03	284	355275	40.165	ng	94
69) Atrazine	11.12	200	276568	40.373	ng	99
70) Pentachlorophenol	11.22	266	222084	41.198	ng	99
71) Phenanthrene	11.45	178	1423004	38.515	ng	99
72) Anthracene	11.50	178	1448443	39.095	ng	100
73) Carbazole	11.65	167	1320488	38.959	ng	100
74) Di-n-butylphthalate	11.98	149	1562059	38.133	ng	99
75) Fluoranthene	12.63	202	1506741	38.732	ng	98
77) Benzidine	12.74	184	694817	37.447	ng	99
78) Pyrene	12.86	202	1522853	41.157	ng	99
80) Butylbenzylphthalate	13.48	149	644337	39.856	ng	96
81) Benzo(a)anthracene	14.05	228	1220006	40.018	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	455933	41.215	ng	99
83) Chrysene	14.09	228	1242383	39.662	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	787919	39.355	ng	100
85) Di-n-octyl phthalate	14.66	149	1313596	36.856	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1125051	43.680	ng	100
88) Benzo(b)fluoranthene	15.11	252	1111191	37.177	ng	100
89) Benzo(k)fluoranthene	15.14	252	1073234	40.375	ng	100
90) Benzo(a)pyrene	15.48	252	998789	38.744	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	921803	41.845	ng	100
92) Benzo(g,h,i)perylene	17.48	276	906506	43.476	ng	100

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



#1

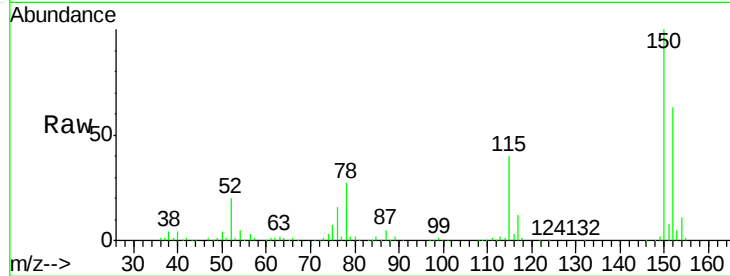
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.2
115	63.1	46.2	69.4

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM

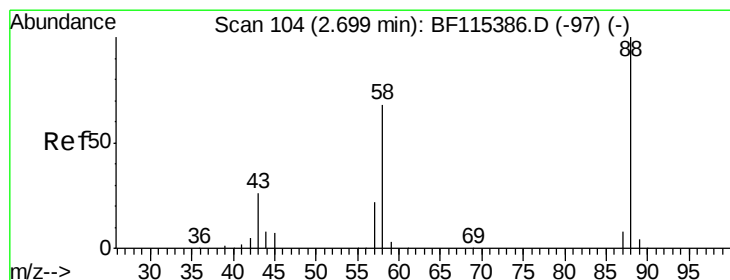
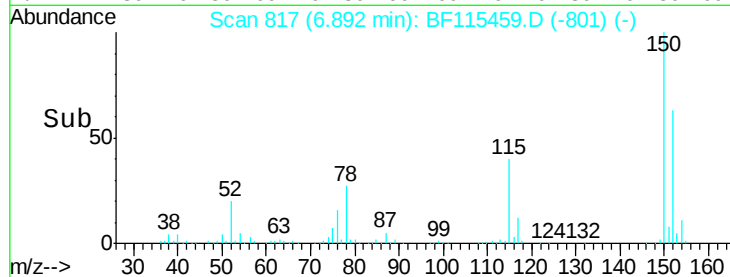
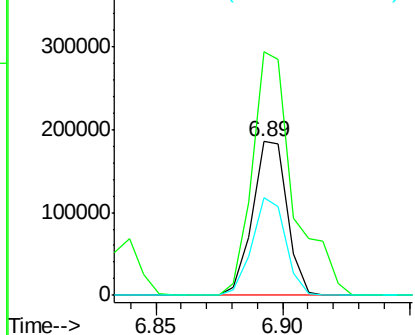


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

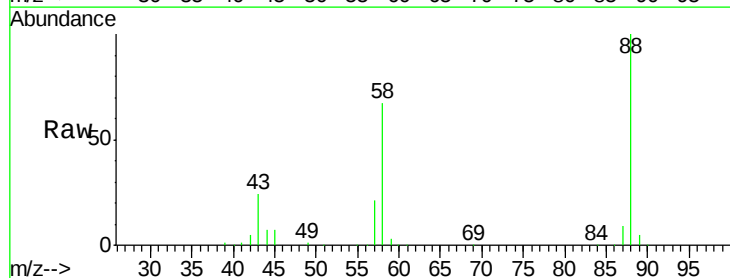
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.470 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	52.5	78.7
43	24.2	19.0	28.6

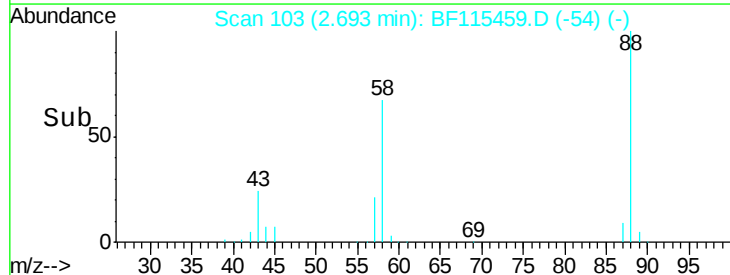
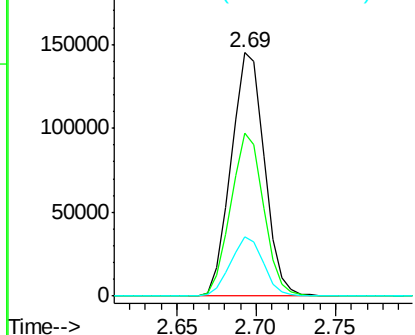


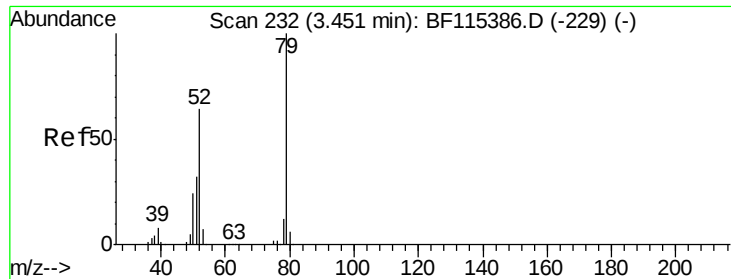
Abundance

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

Pyridine

Concen: 37.117 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

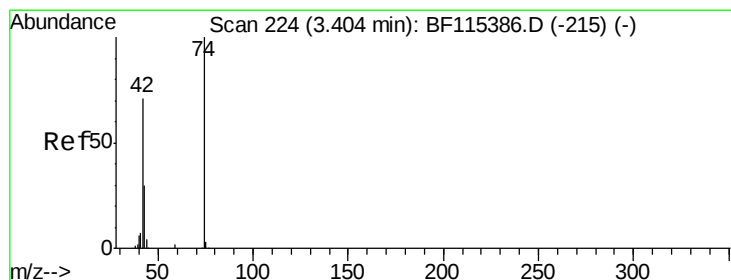
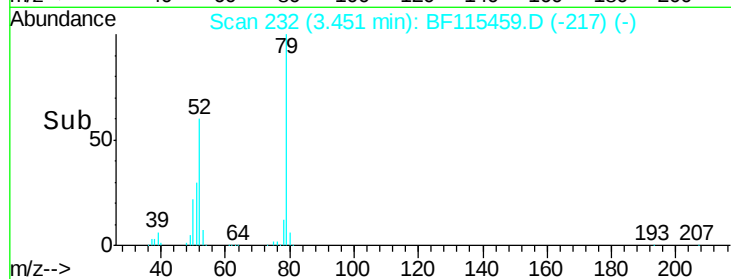
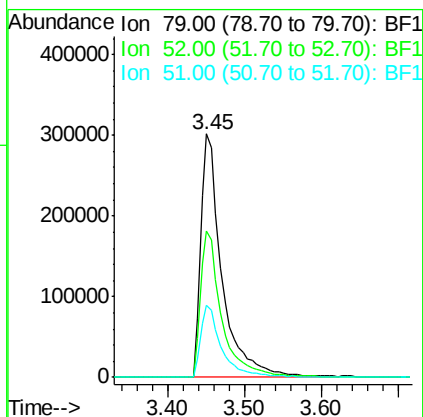
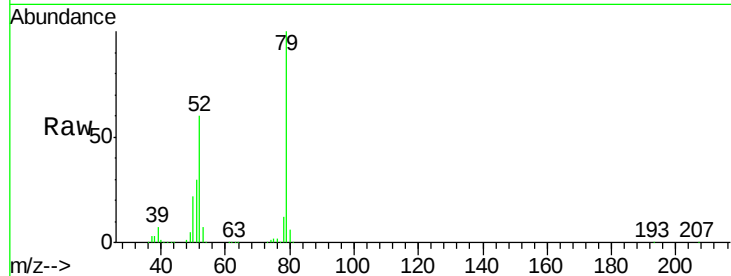
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	577178
Ion	Ratio	Lower	Upper
79	100		
52	60.3	48.2	72.2
51	29.6	23.2	34.8

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#4

n-Nitrosodimethylamine

Concen: 32.806 ng

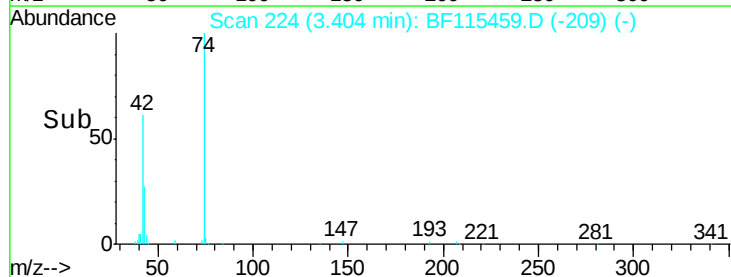
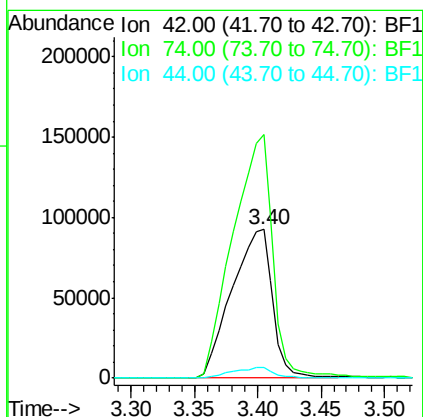
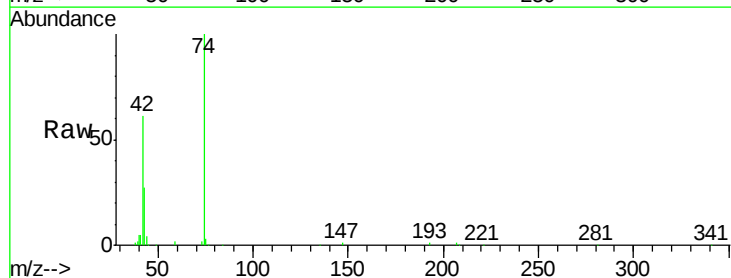
RT: 3.40 min Scan# 224

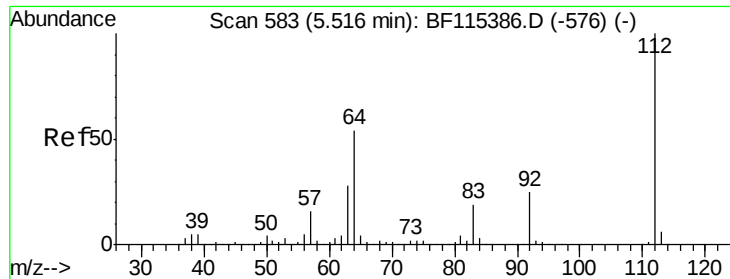
Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	42	Resp:	206868
Ion	Ratio	Lower	Upper
42	100		
74	164.1	128.5	192.7
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 75.738 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

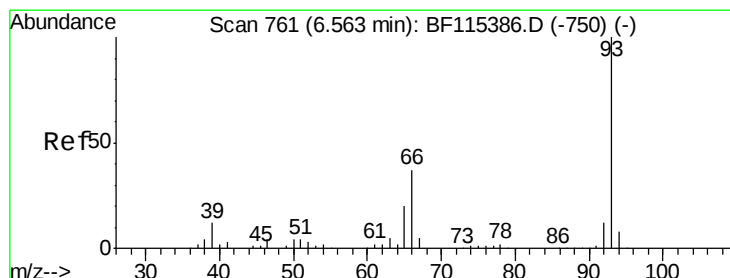
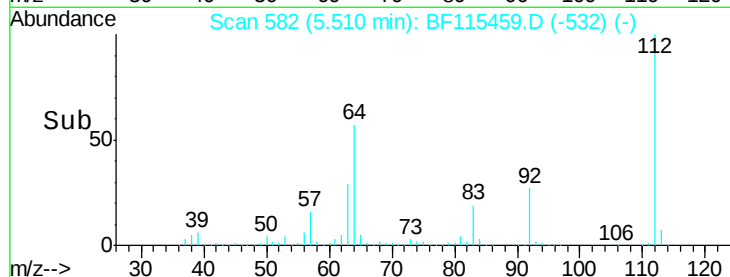
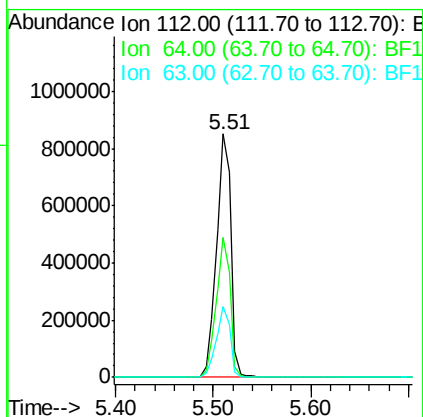
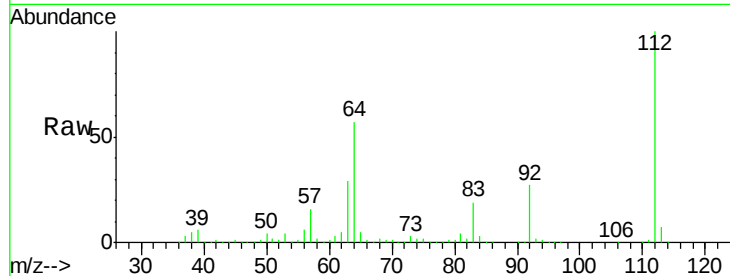
ClientSampleID :

SSTDCCC040

Tgt Ion:	112	Resp:	868348
Ion Ratio	Lower	Upper	
112	100		
64	57.5	44.2	66.2
63	29.1	22.1	33.1

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#6

Aniline

Concen: 37.206 ng

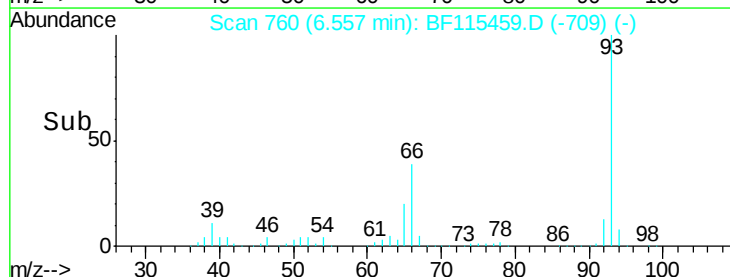
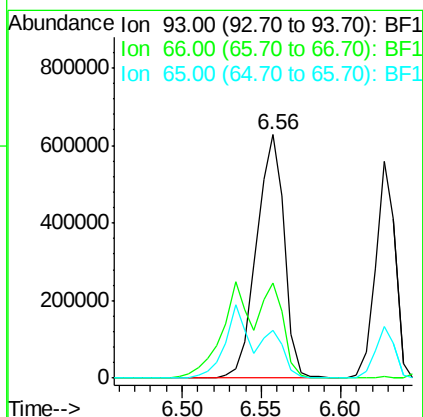
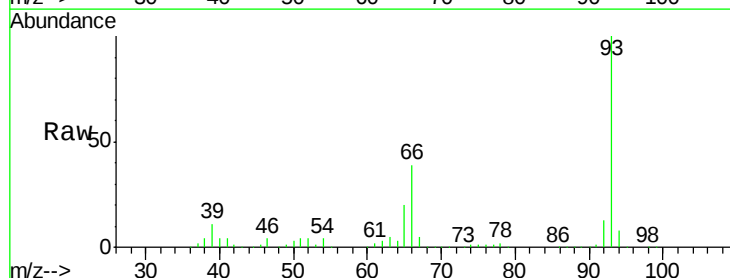
RT: 6.56 min Scan# 760

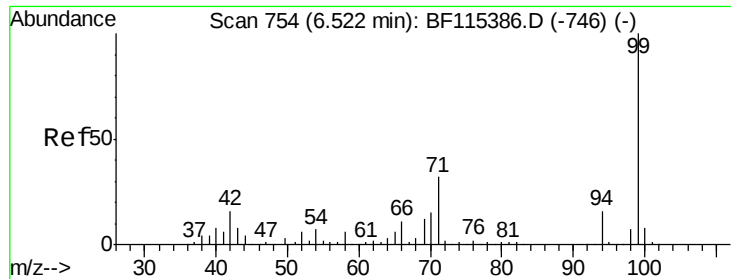
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	93	Resp:	765579
Ion Ratio	Lower	Upper	
93	100		
66	39.0	31.3	46.9
65	19.7	15.9	23.9





#7

Phenol-d6

Concen: 75.310 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1098123

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

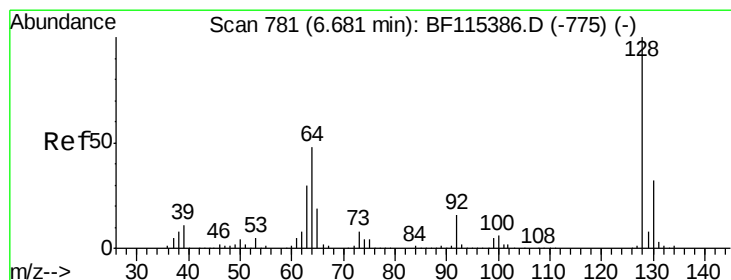
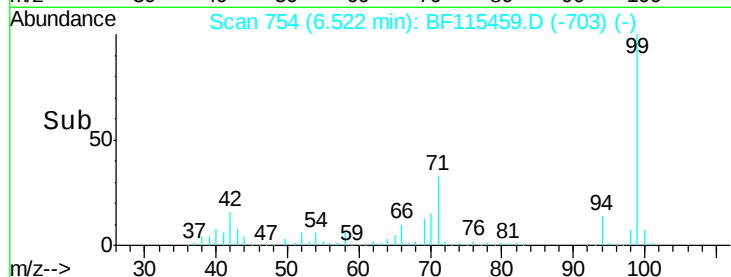
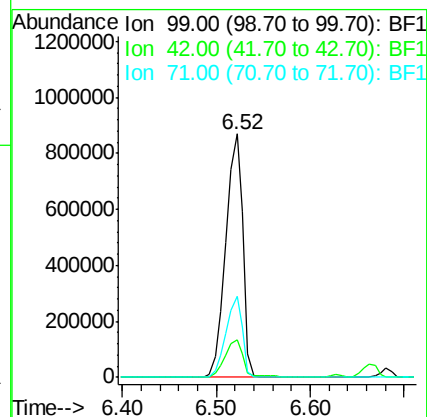
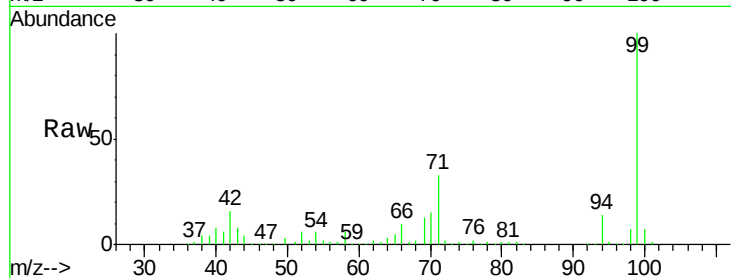
71 33.5 26.5 39.7

Manual Integrations

APPROVED

mohammad

7/11/2019 5:22:14 PM



#8

2-Chlorophenol

Concen: 38.122 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

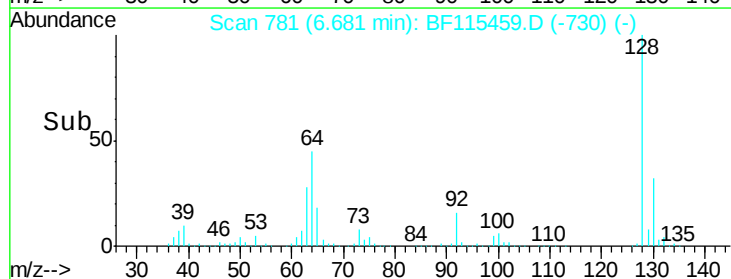
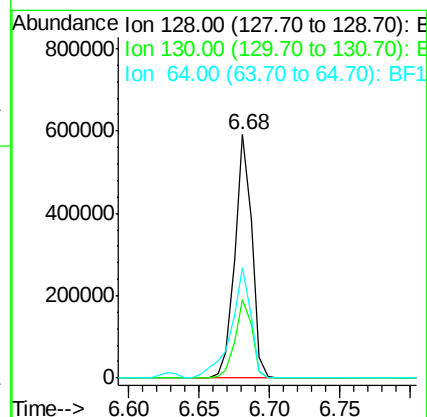
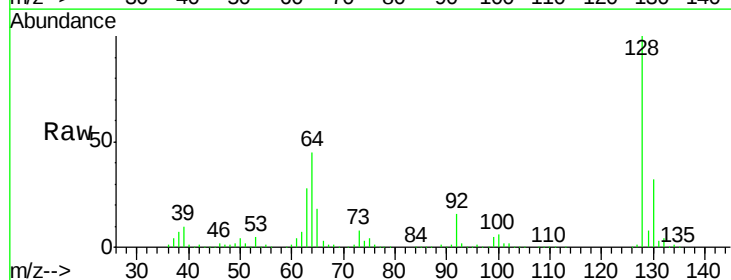
Tgt Ion: 128 Resp: 493529

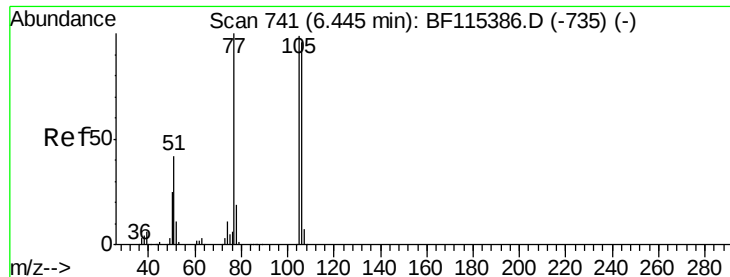
Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

64 45.4 27.0 67.0





#9

Benzaldehyde

Concen: 41.709 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

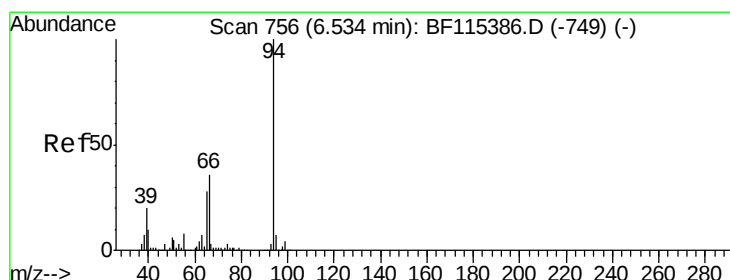
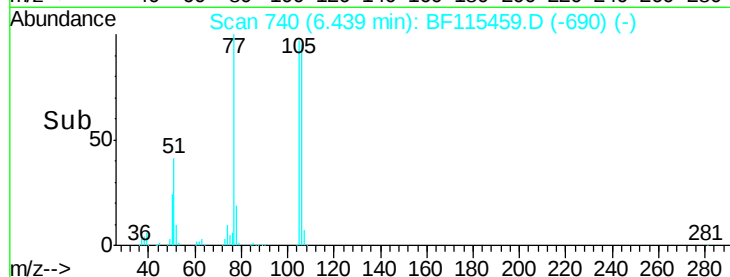
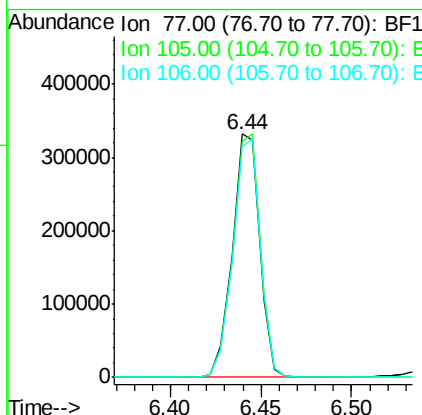
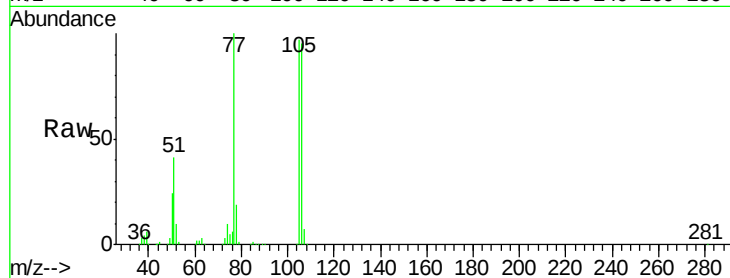
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	348121
Ion Ratio	Lower	Upper	
77	100		
105	97.0	82.9	122.9
106	94.8	77.8	117.8

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#10

Phenol

Concen: 37.292 ng

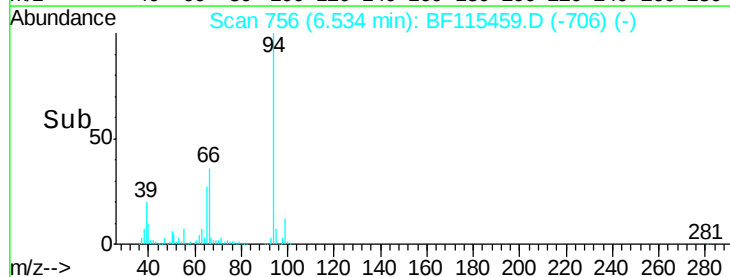
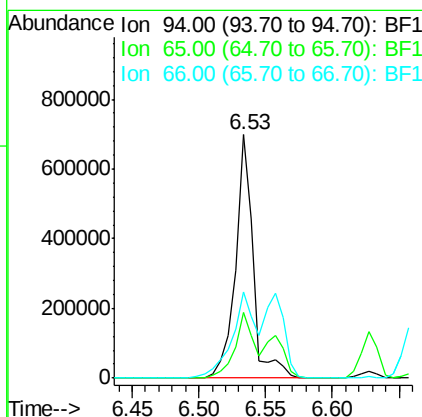
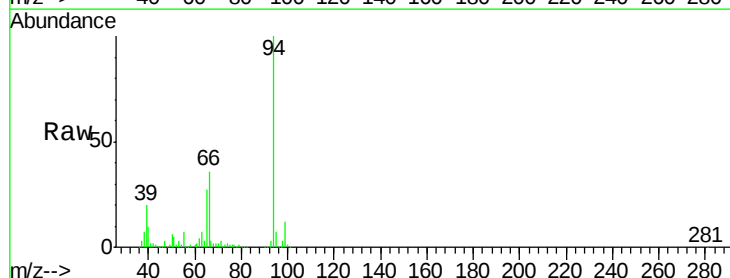
RT: 6.53 min Scan# 756

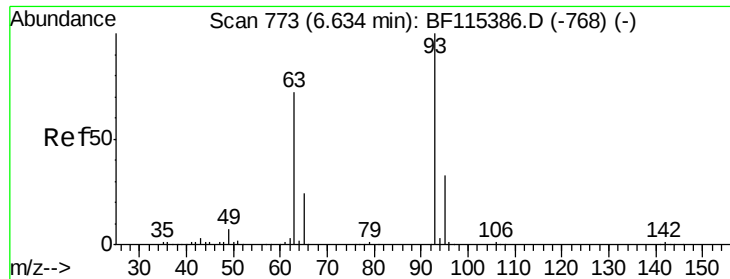
Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	94	Resp:	650605
Ion Ratio	Lower	Upper	
94	100		
65	27.1	7.2	47.2
66	35.6	16.9	56.9





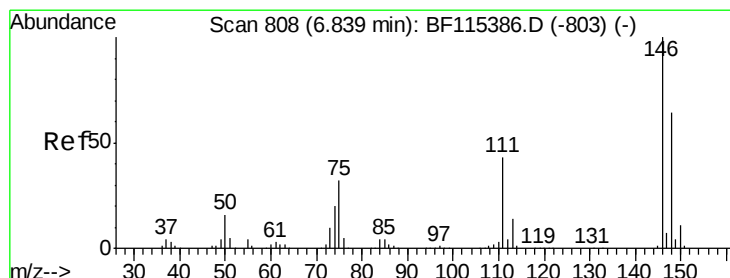
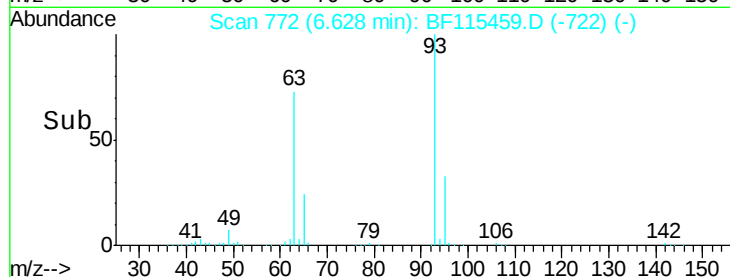
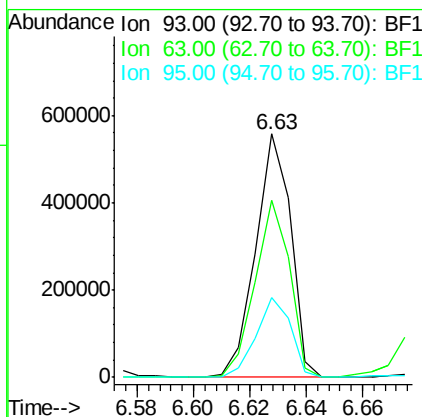
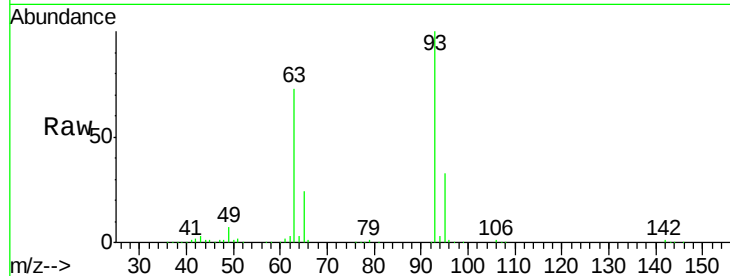
#11
bis(2-Chloroethyl)ether
Concen: 37.099 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	72.8	50.0	90.0
95	32.6	12.6	52.6

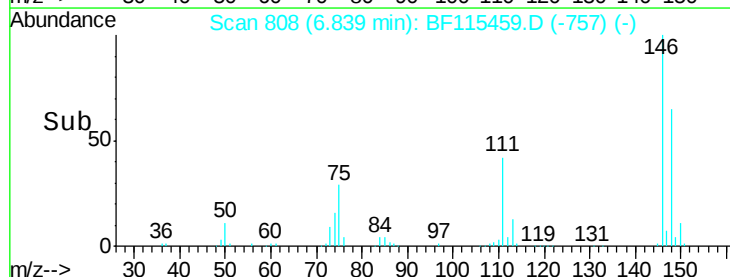
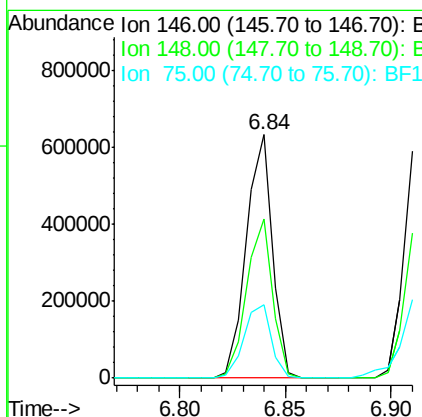
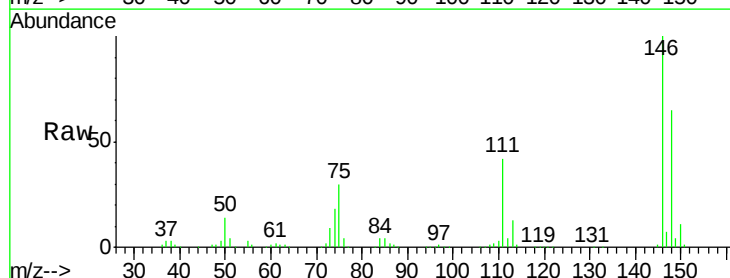
Manual Integrations
APPROVED

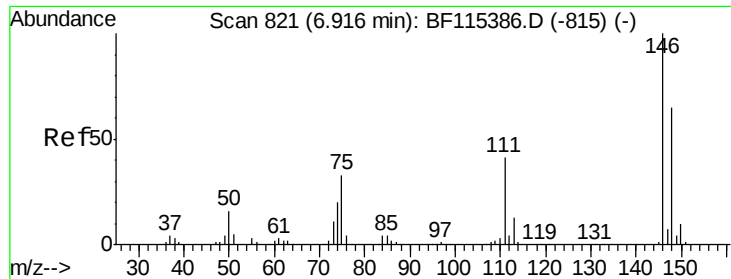
mohammad
7/11/2019 5:22:14 PM



#12
1,3-Dichlorobenzene
Concen: 38.313 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.4	52.3	78.5
75	29.9	24.8	37.2





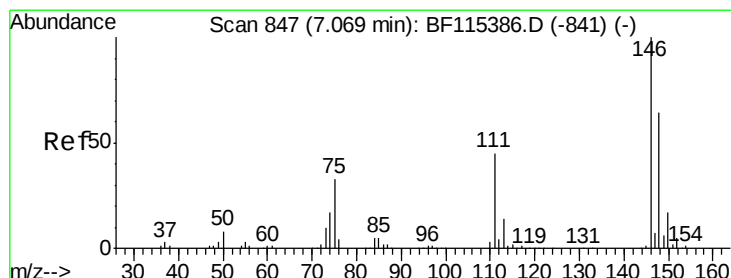
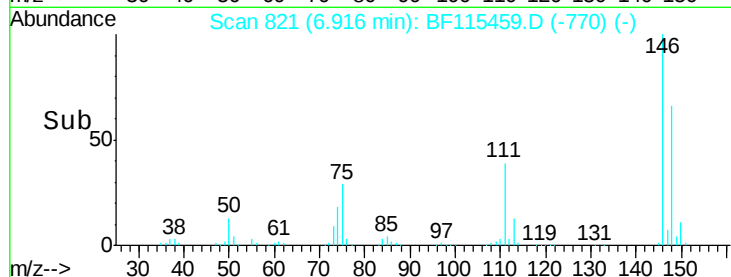
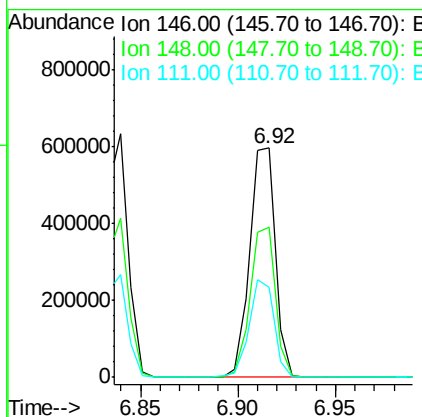
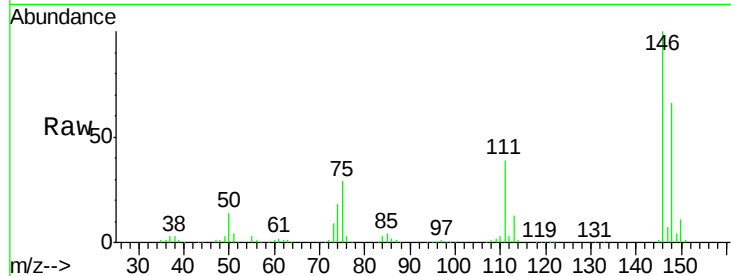
#13
 1,4-Dichlorobenzene
 Concen: 38.482 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.3	76.9
111	39.3	32.1	48.1

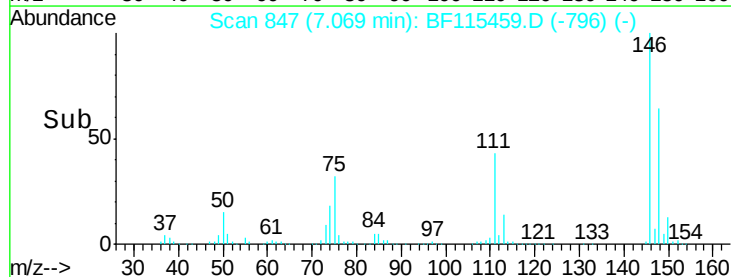
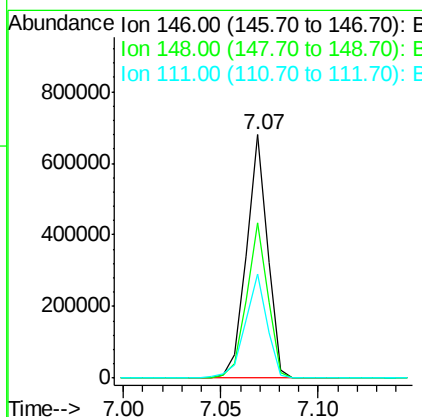
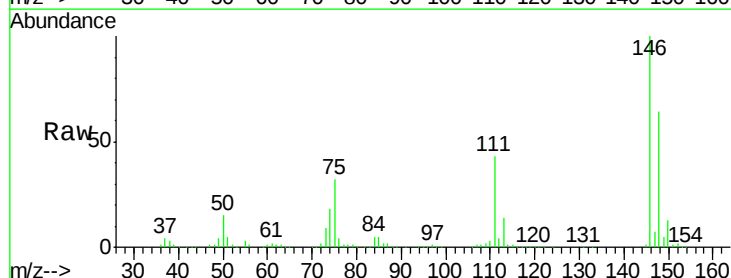
Manual Integrations
 APPROVED

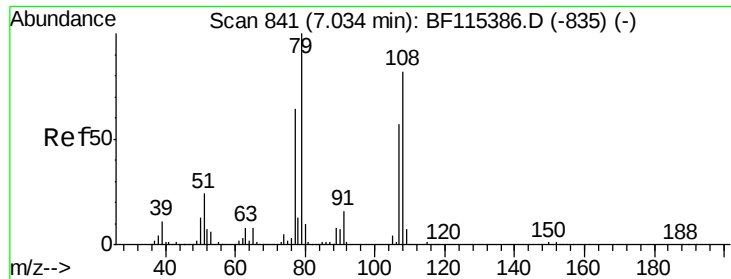
mohammad
 7/11/2019 5:22:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.795 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.8	35.4	53.2





#15

Benzyl Alcohol

Concen: 37.333 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

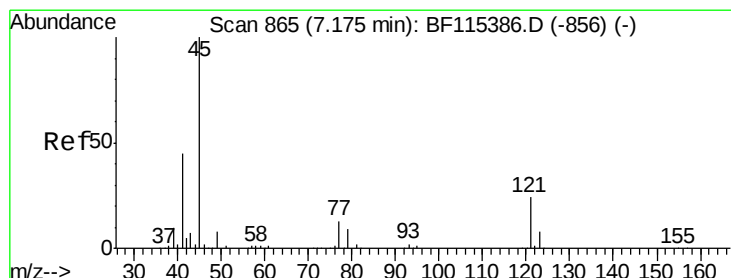
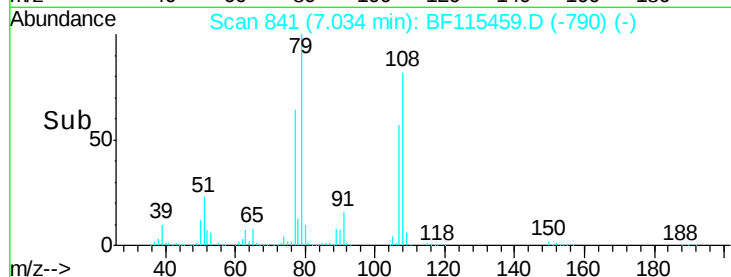
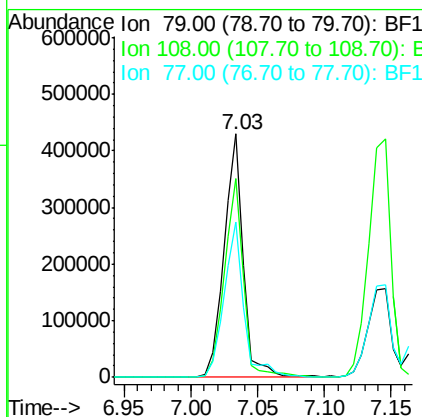
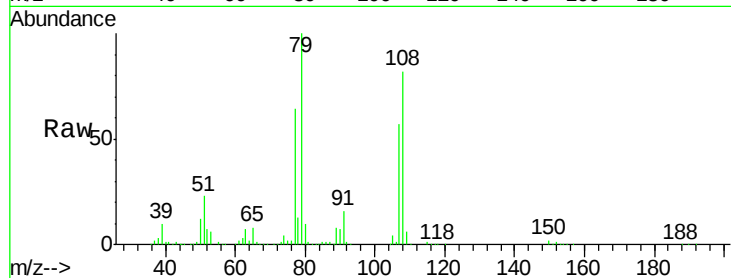
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	436818
Ion Ratio	Lower	Upper	
79	100		
108	81.9	65.3	97.9
77	63.6	50.6	75.8

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.479 ng

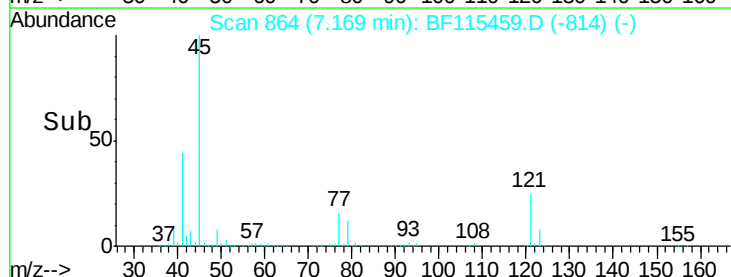
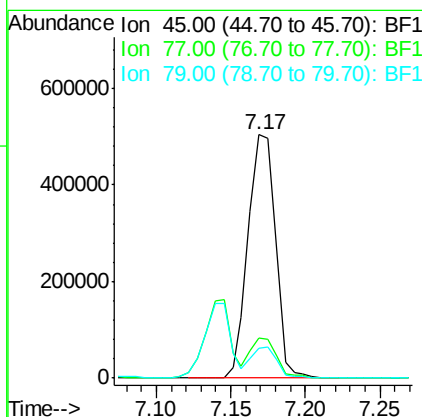
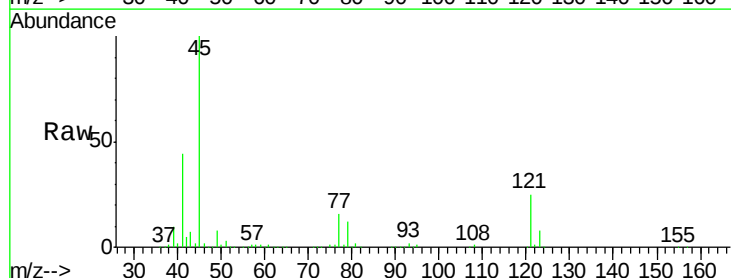
RT: 7.17 min Scan# 864

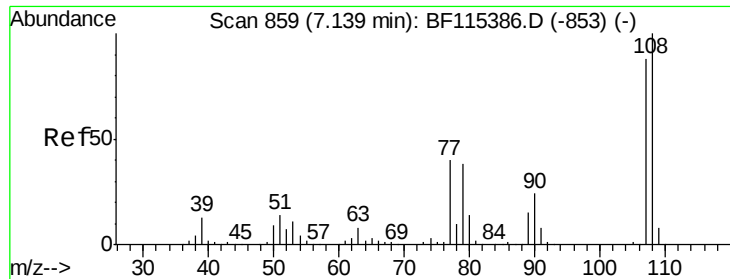
Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	45	Resp:	642041
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	36.4
79	12.3	0.0	33.4





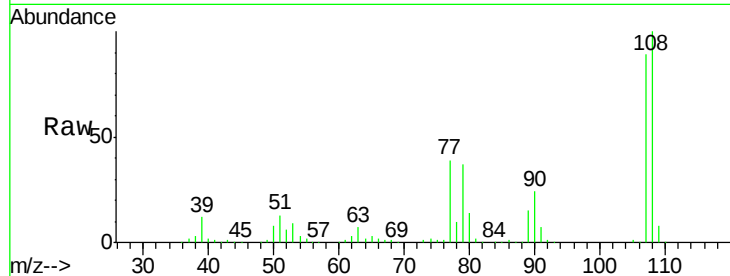
#17
2-Methylphenol
Concen: 37.774 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

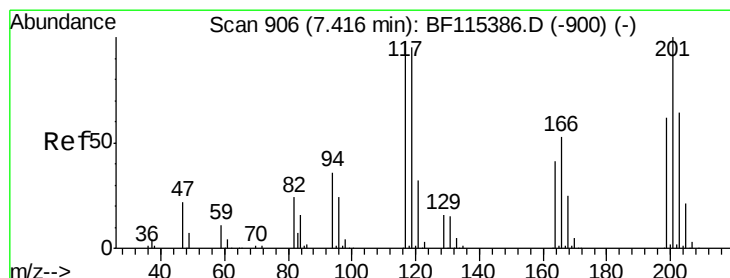
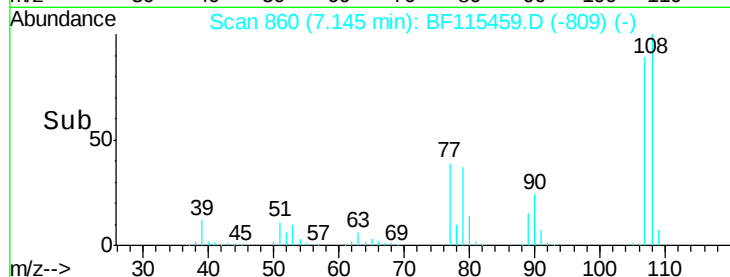
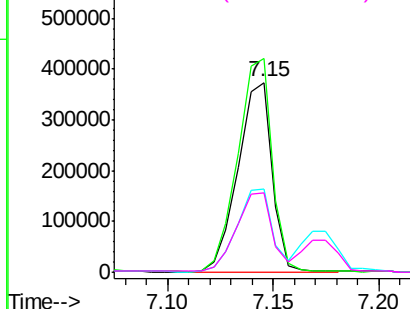
Tgt Ion:	107	Resp:	418945
Ion Ratio	Lower	Upper	
107	100		
108	112.5	90.0	135.0
77	43.8	35.0	52.4
79	41.6	34.4	51.6

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



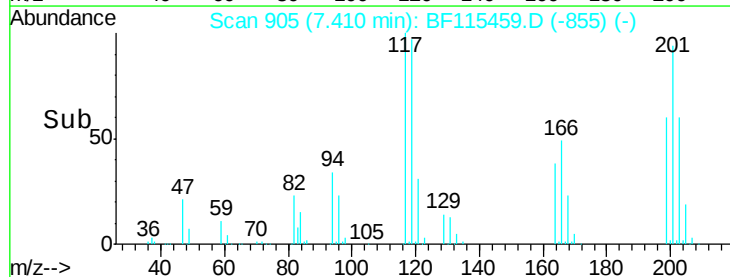
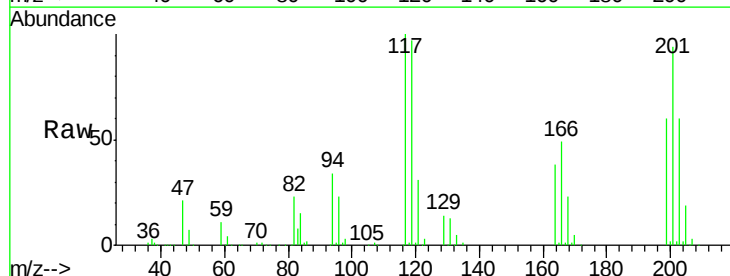
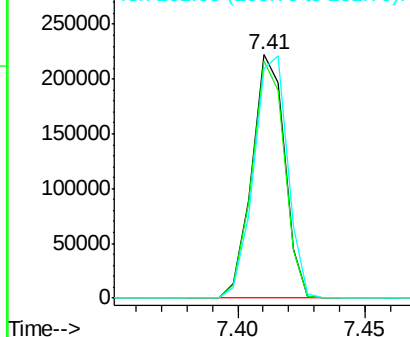
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

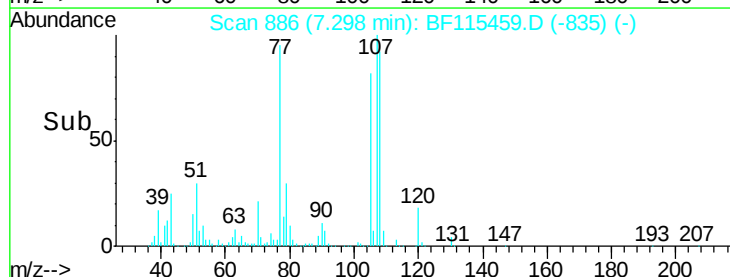
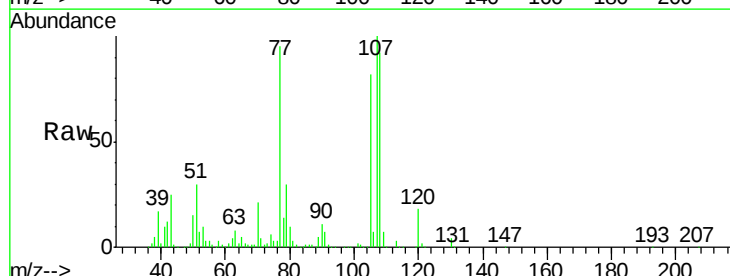
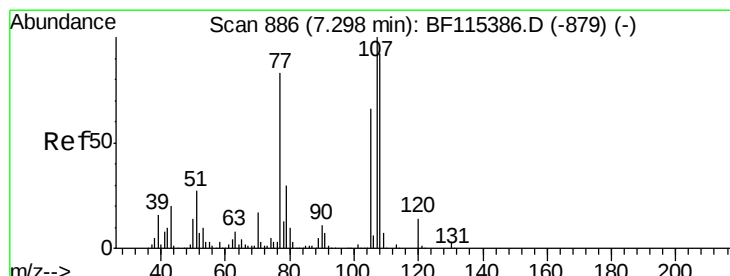
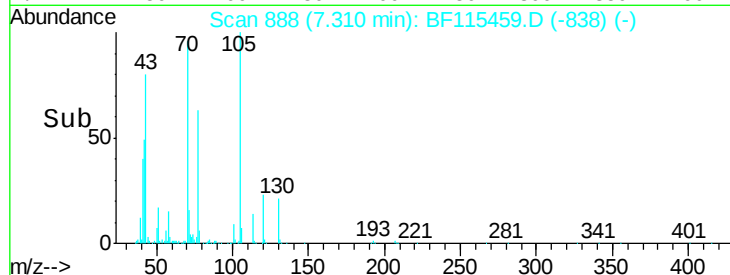
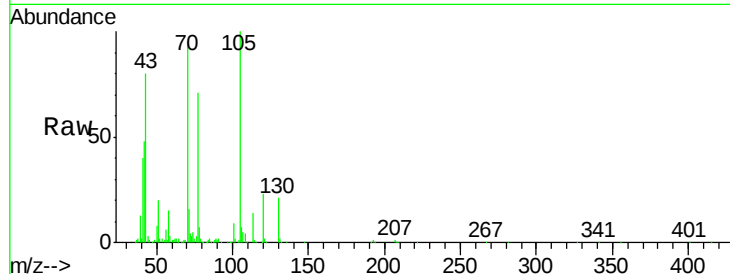
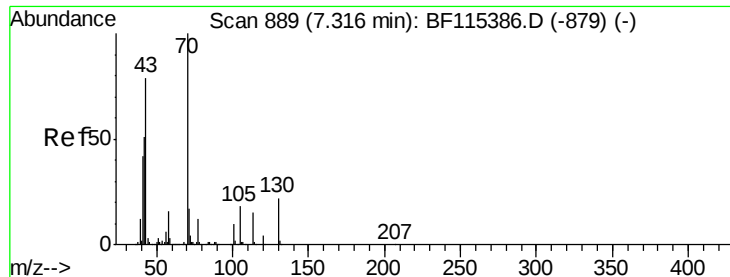


#18
Hexachloroethane
Concen: 38.035 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:	117	Resp:	201297
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.8	115.2
201	94.2	85.8	128.6

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





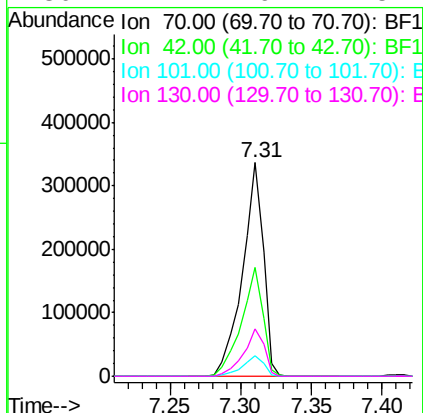
#19
n-Nitroso-di-n-propylamine
Concen: 35.156 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.8	38.5	57.7
101	9.7	8.0	12.0
130	22.4	19.1	28.7

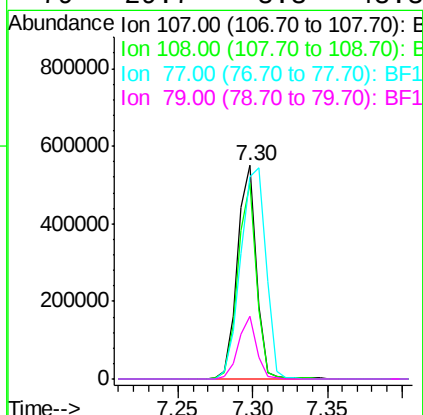
Manual Integrations
APPROVED

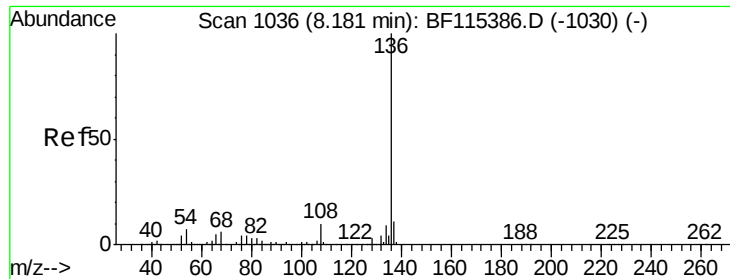
mohammad
7/11/2019 5:22:14 PM



#20
3+4-Methylphenols
Concen: 37.611 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.5	110.5
77	94.7	63.0	103.0
79	29.7	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

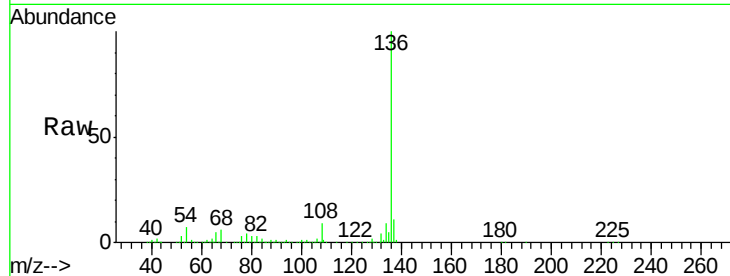
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	729001		
137	11.1		8.8	13.2
54	6.5		5.4	8.0
68	6.2		4.8	7.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM

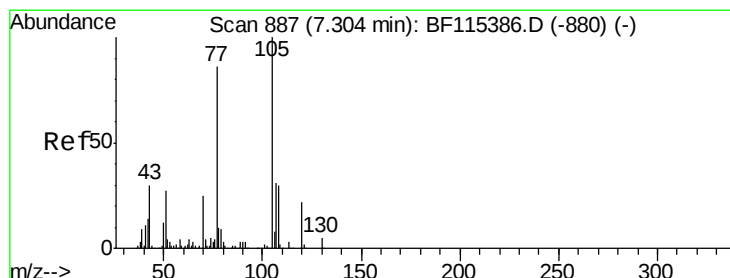
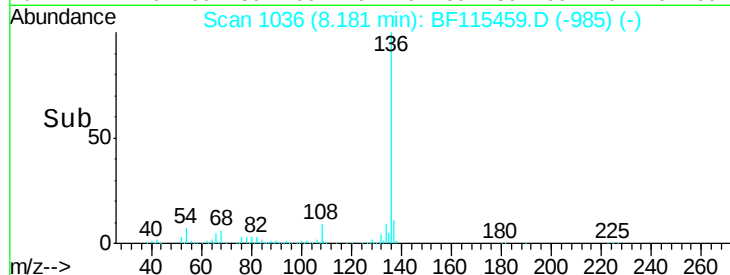
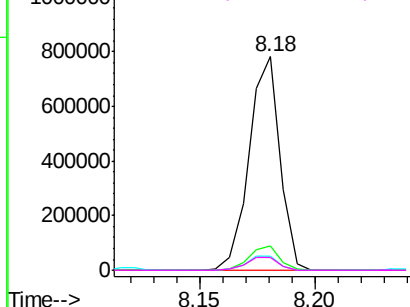


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.162 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

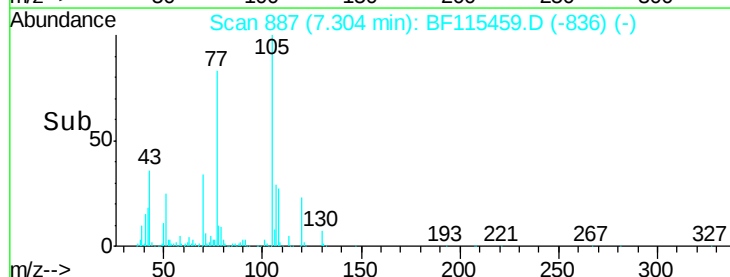
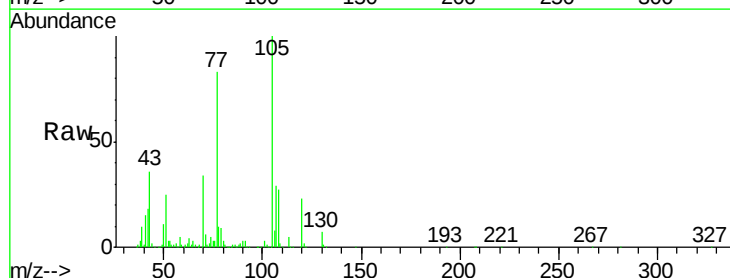
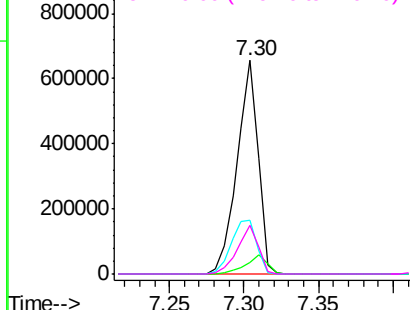
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	649154		
71	5.6		3.5	5.3#
51	25.2		22.6	33.8
120	22.5		17.9	26.9

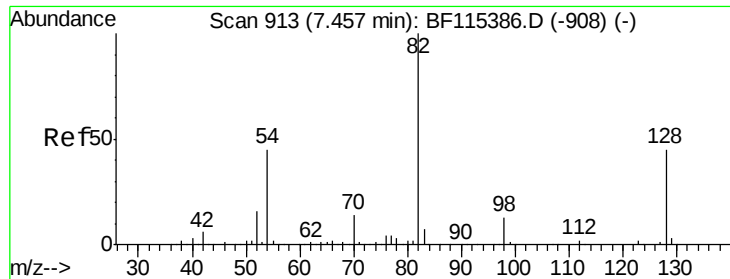
Abundance Ion 105.00 (104.70 to 105.70): E

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





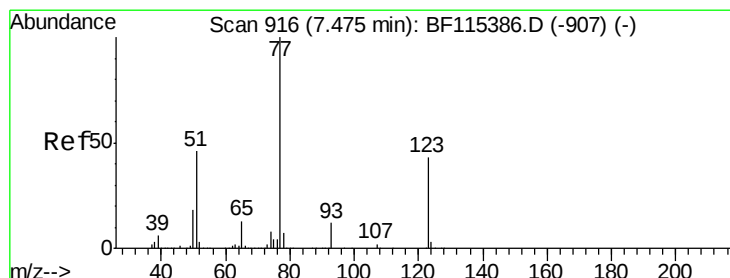
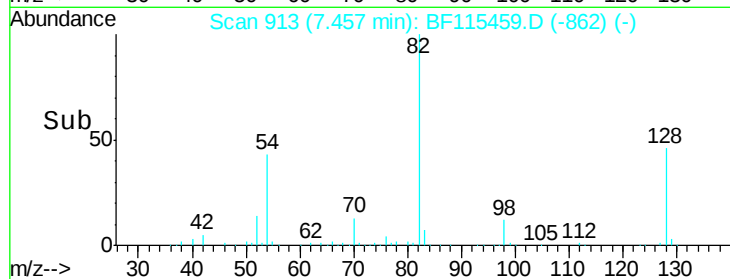
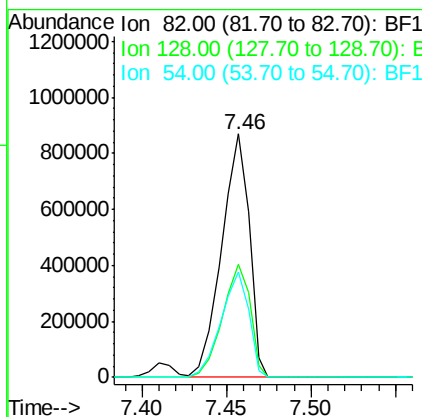
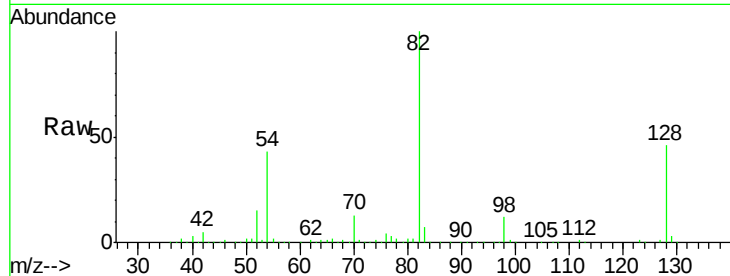
#23
 Nitrobenzene-d5
 Concen: 79.912 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	986000		
128	46.3	36.7	55.1	
54	43.2	35.6	53.4	

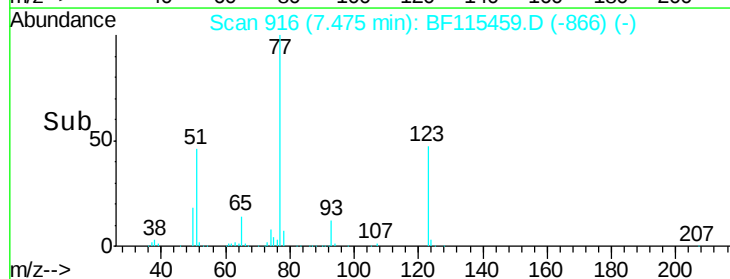
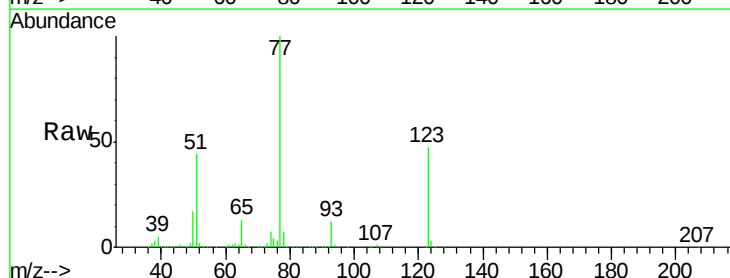
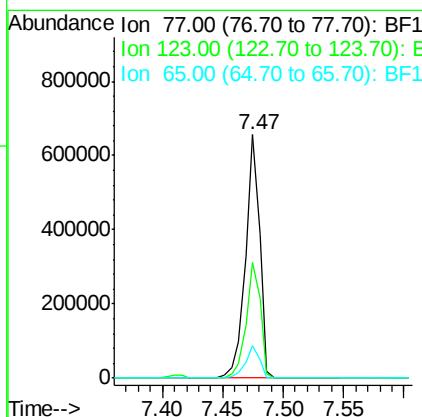
Manual Integrations
 APPROVED

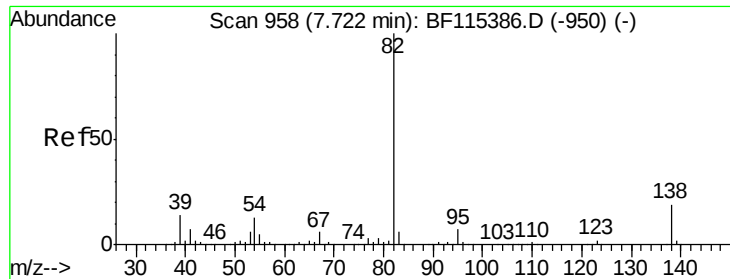
mohammad
 7/11/2019 5:22:14 PM



#24
 Nitrobenzene
 Concen: 38.990 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	543302		
123	47.2	40.4	60.6	
65	13.4	10.4	15.6	





#25

Isophorone

Concen: 36.298 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

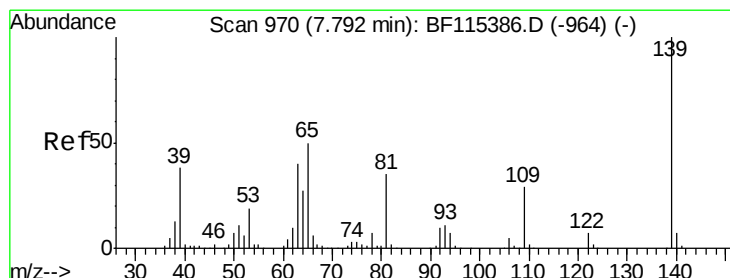
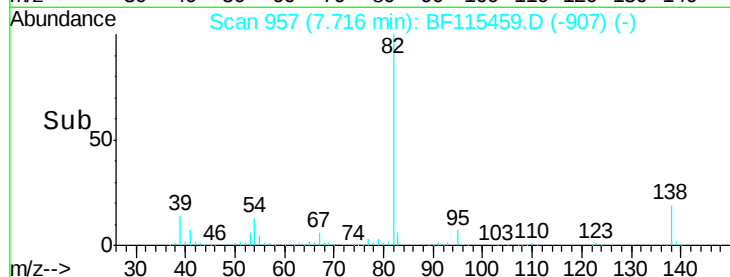
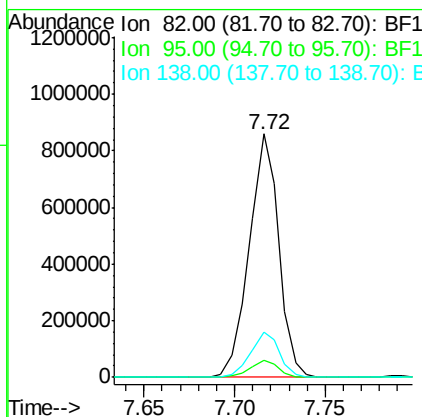
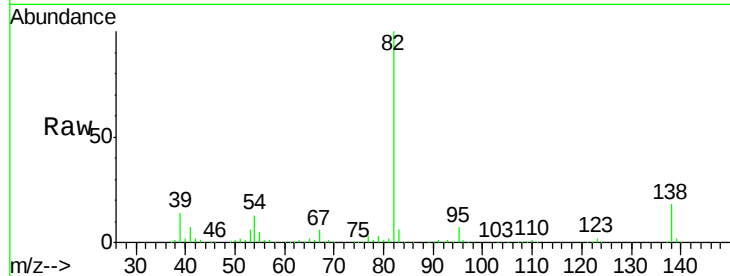
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	970751
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.3	15.1	22.7

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#26

2-Nitrophenol

Concen: 47.377 ng

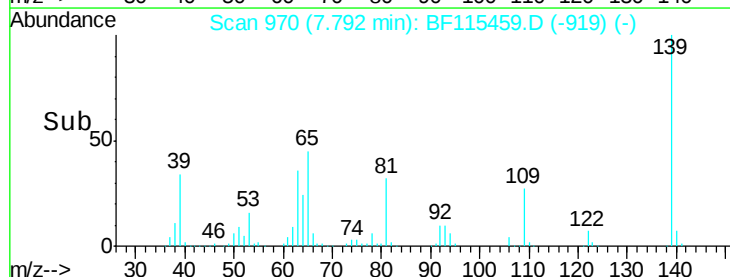
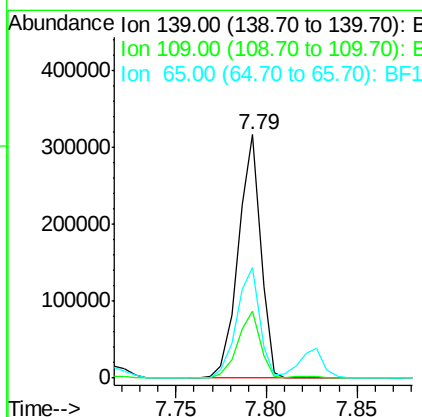
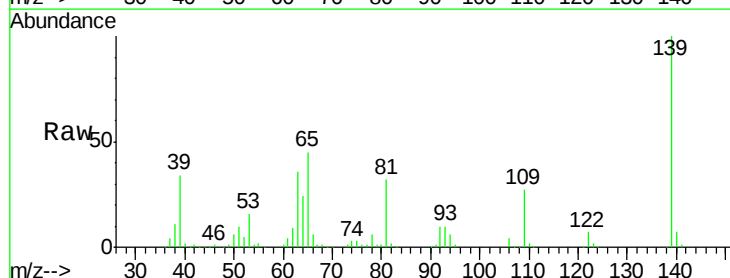
RT: 7.79 min Scan# 970

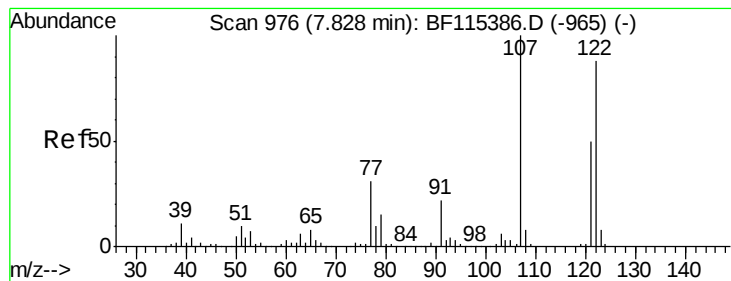
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	139	Resp:	271414
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.2	33.4
65	45.2	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 35.247 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

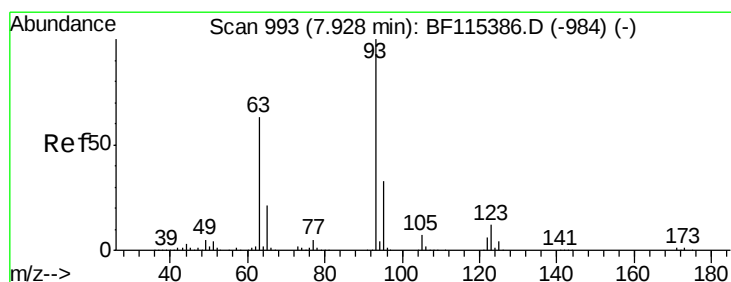
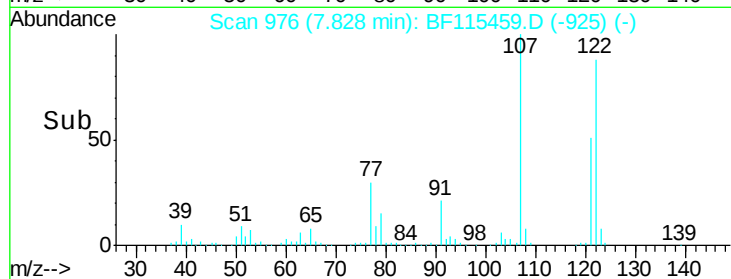
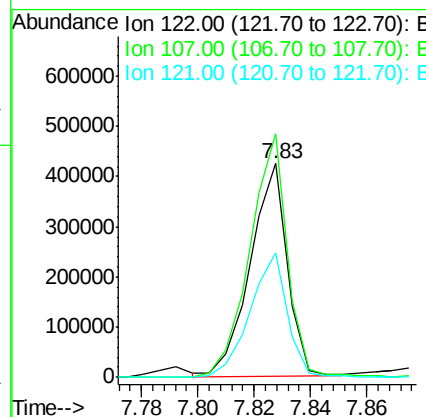
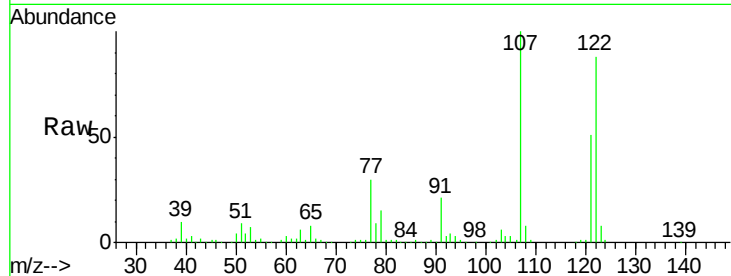
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	385036
Ion Ratio	Lower	Upper	
122	100		
107	113.8	91.7	137.5
121	58.5	47.7	71.5

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.947 ng

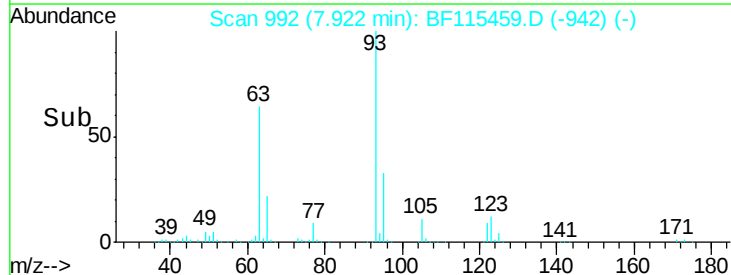
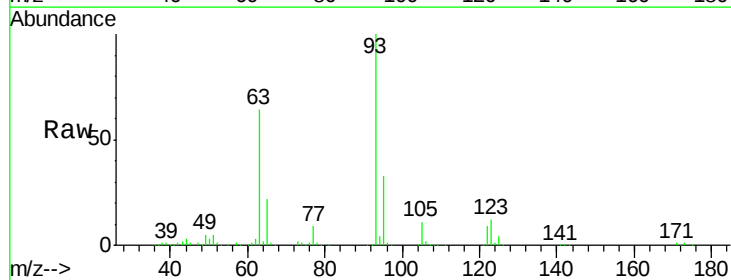
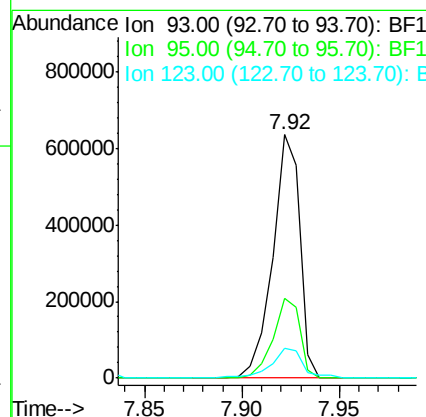
RT: 7.92 min Scan# 992

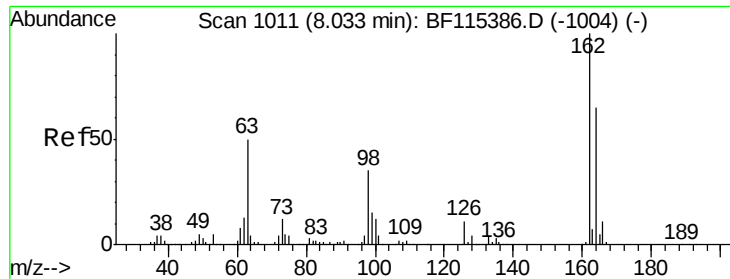
Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	93	Resp:	609310
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	39.8
123	12.2	10.4	15.6





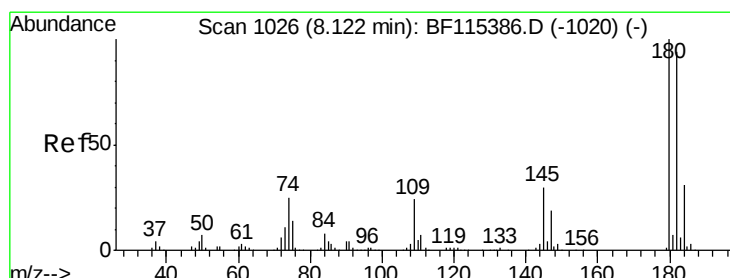
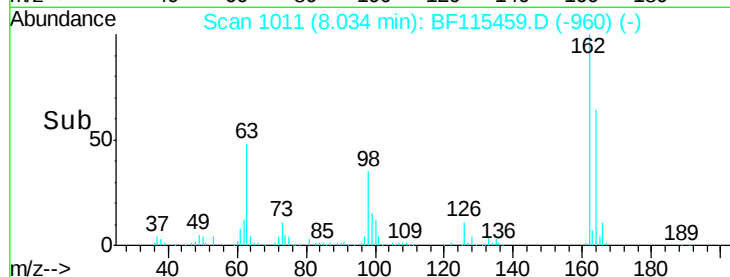
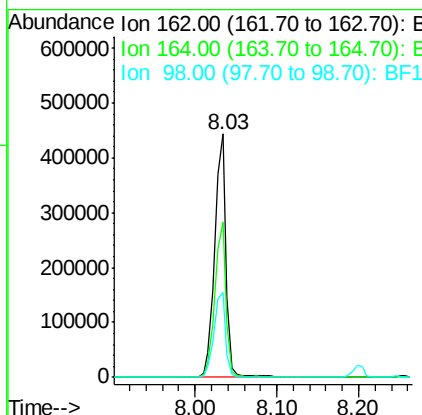
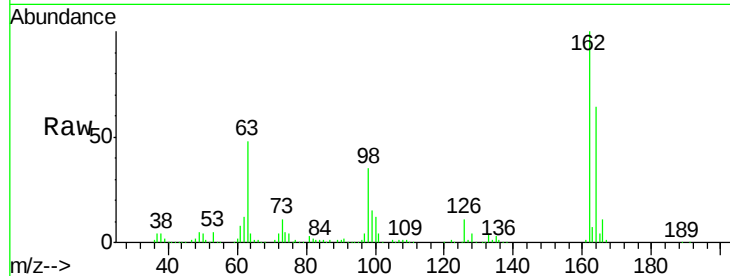
#29
2,4-Dichlorophenol
Concen: 39.535 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	430157		
164	64.0	45.2	85.2	
98	35.1	17.0	57.0	

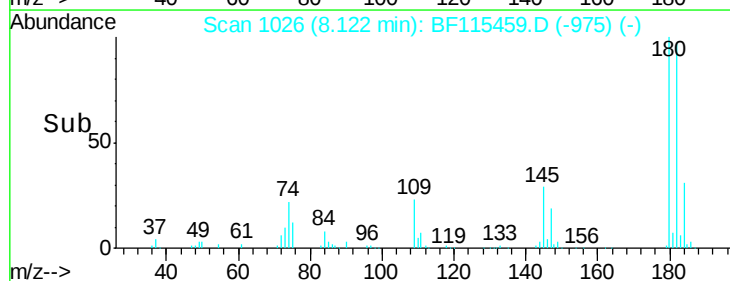
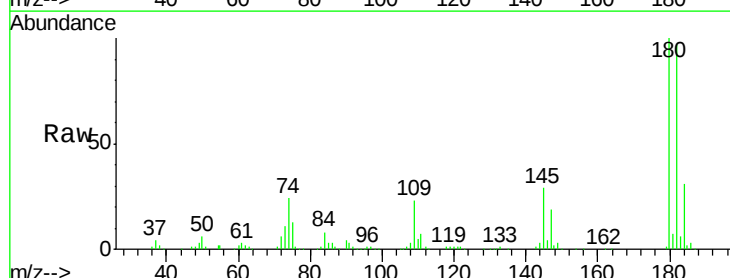
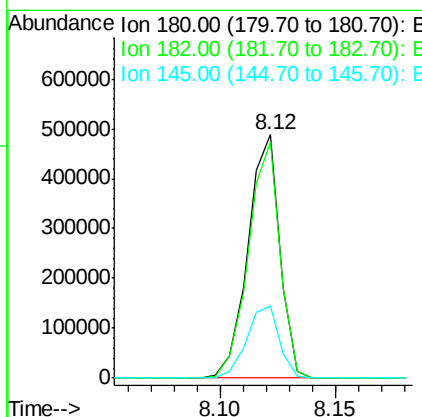
Manual Integrations
APPROVED

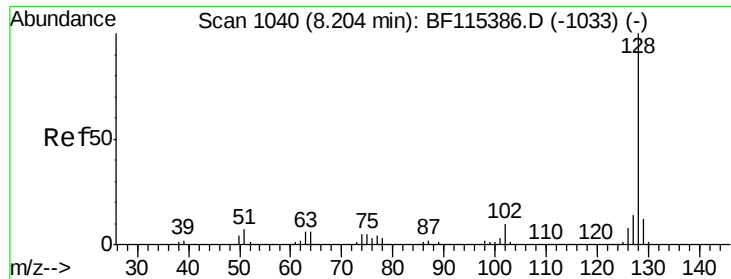
mohammad
7/11/2019 5:22:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.823 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	470255		
182	96.7	77.1	115.7	
145	29.4	23.9	35.9	





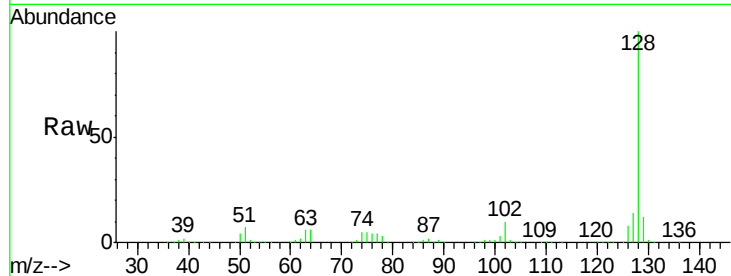
#31
Naphthalene
Concen: 38.399 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

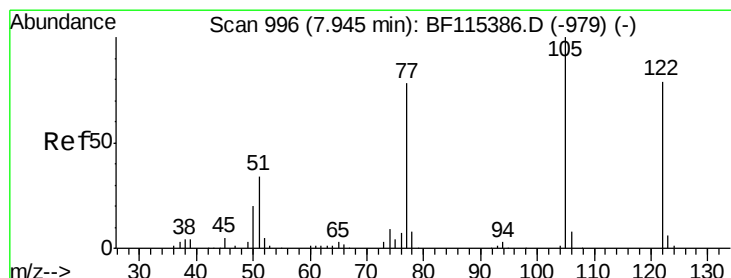
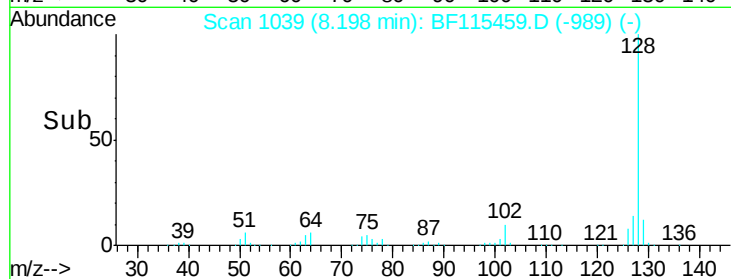
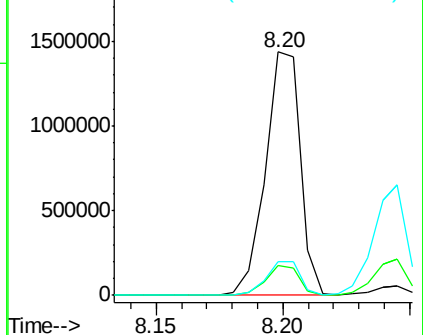
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.0	11.1	16.7

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



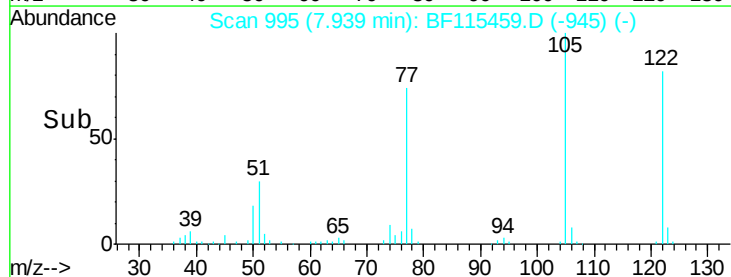
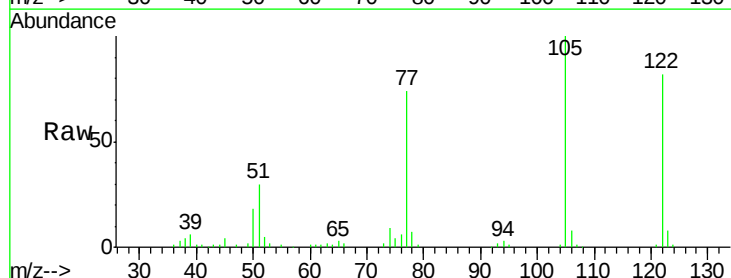
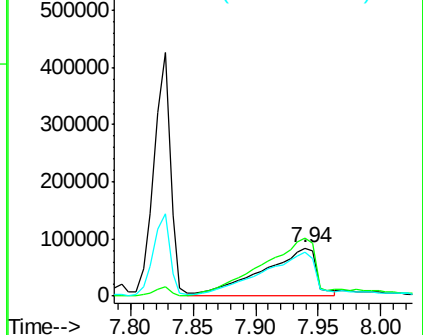
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

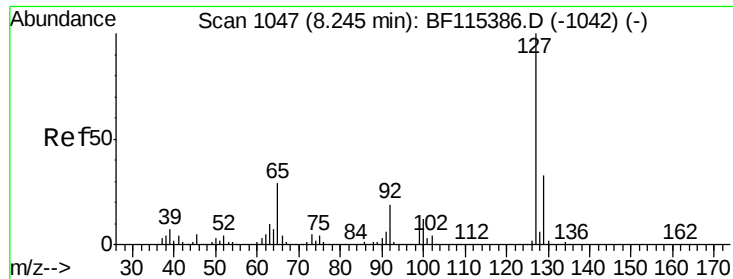


#32
Benzoic acid
Concen: 32.858 ng m
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	101.6	141.6
77	90.9	69.1	109.1

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





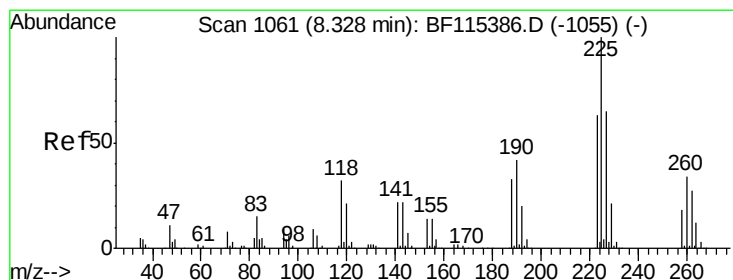
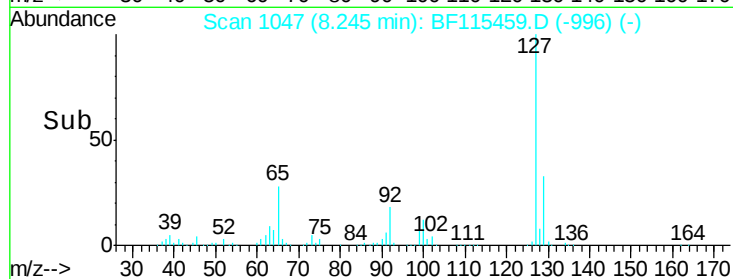
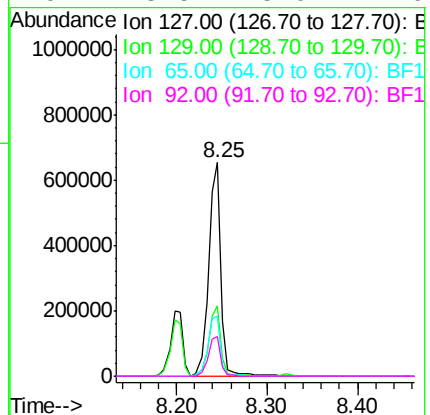
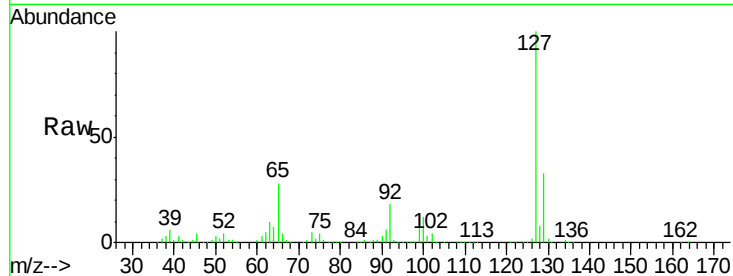
#33
4-Chloroaniline
Concen: 38.490 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	621835		
129	33.0	26.1	39.1	
65	28.2	23.2	34.8	
92	18.5	15.0	22.6	

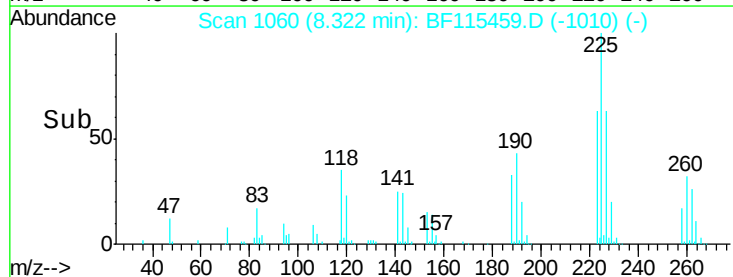
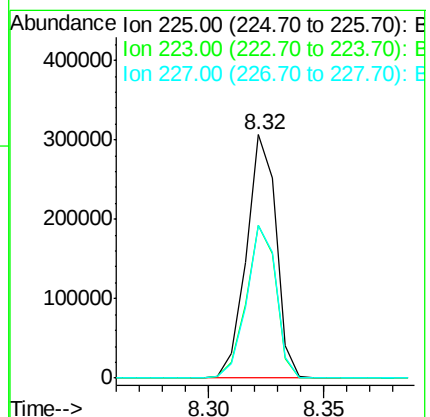
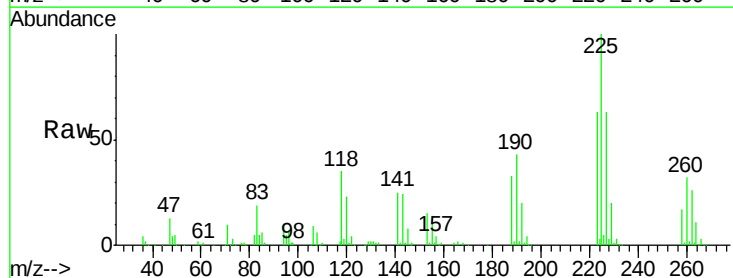
Manual Integrations
APPROVED

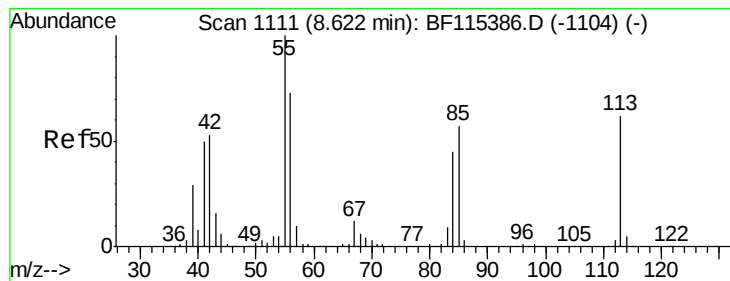
mohammad
7/11/2019 5:22:14 PM



#34
Hexachlorobutadiene
Concen: 40.165 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	275898		
223	62.5	50.6	76.0	
227	62.7	51.4	77.2	





#35

Caprolactam

Concen: 38.243 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

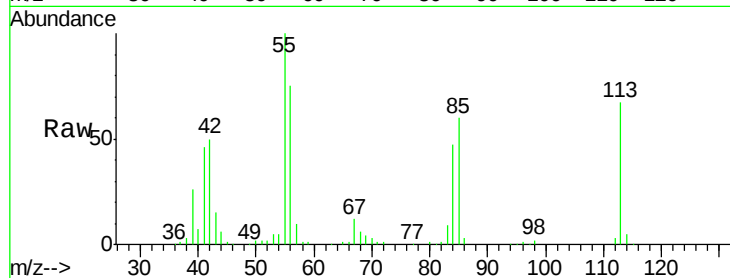
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	135519
Ion Ratio	Lower	Upper	
113	100		
55	149.6	138.1	178.1
56	111.6	95.7	135.7

Manual Integrations
APPROVED

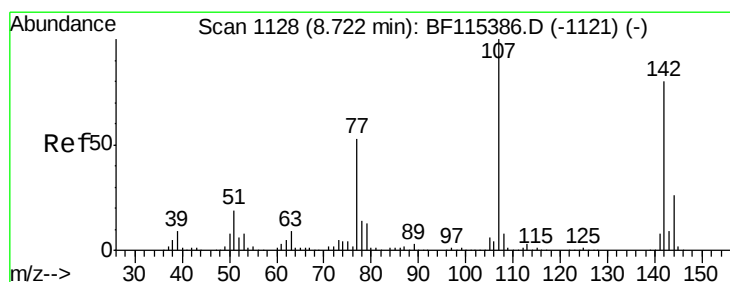
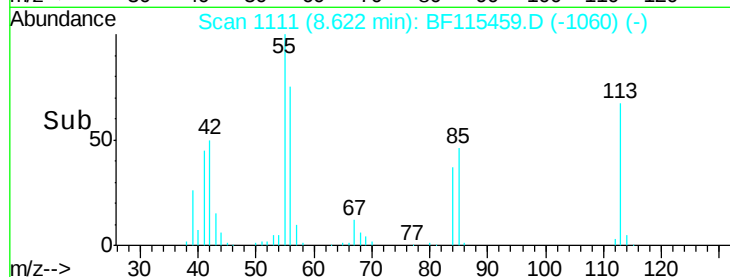
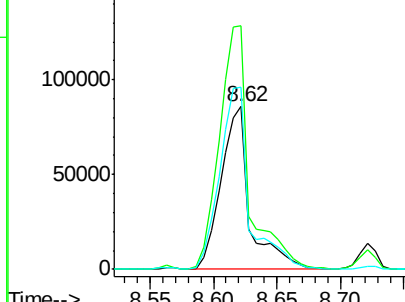
mohammad
7/11/2019 5:22:14 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.989 ng

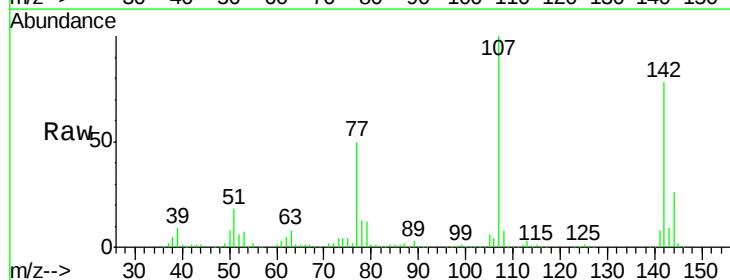
RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

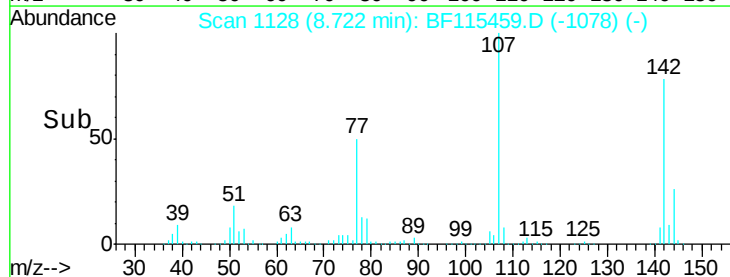
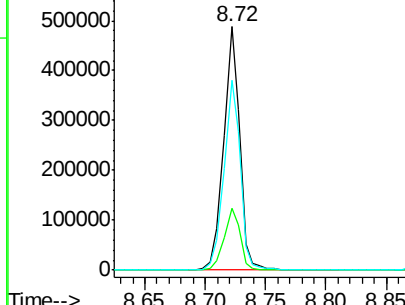
Tgt Ion:	107	Resp:	448715
Ion Ratio	Lower	Upper	
107	100		
144	25.6	21.5	32.3
142	77.9	66.2	99.2

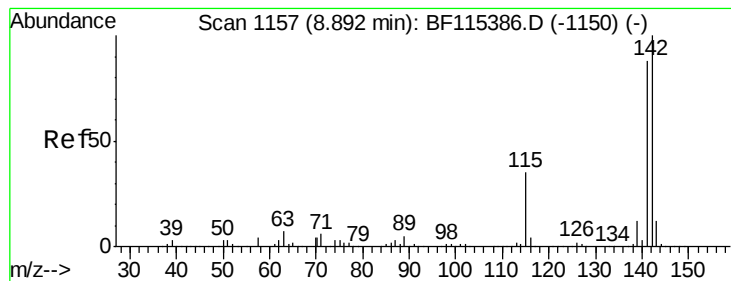


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





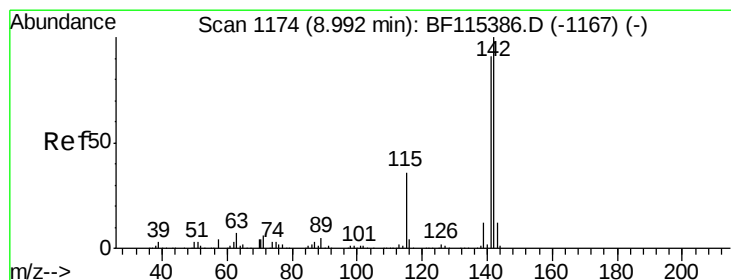
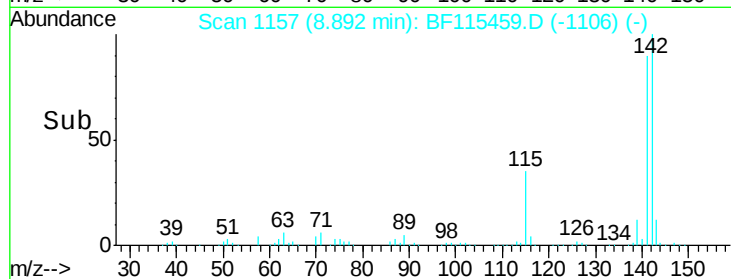
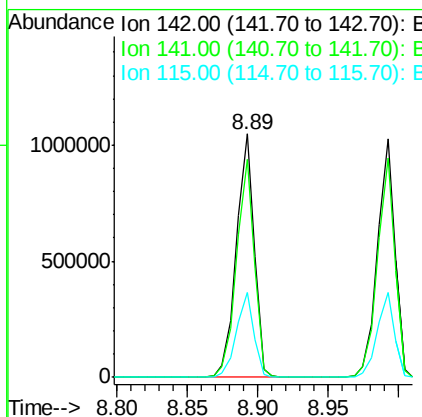
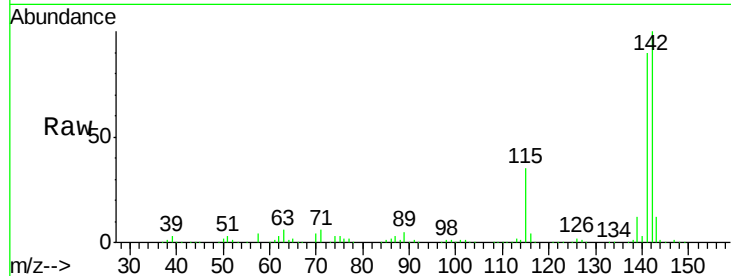
#37
2-Methylnaphthalene
Concen: 38.142 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	34.8	27.6	41.4

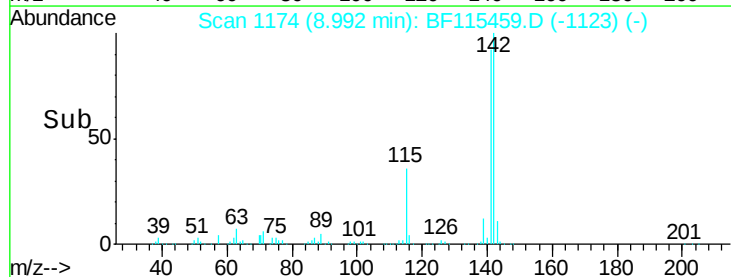
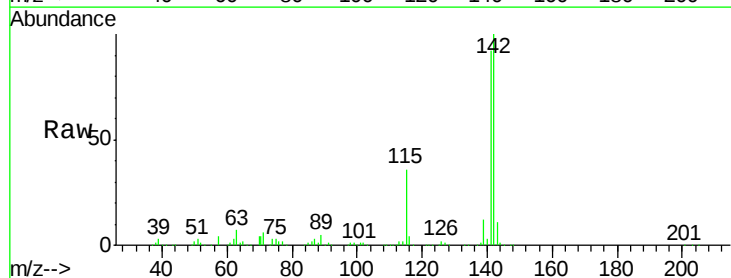
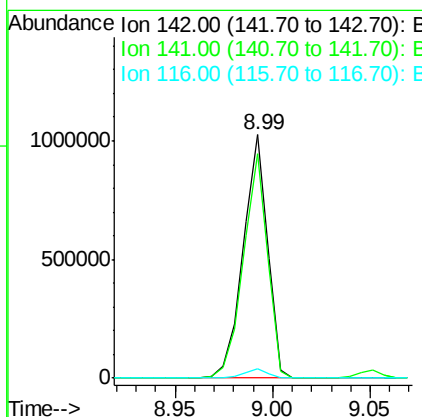
Manual Integrations
APPROVED

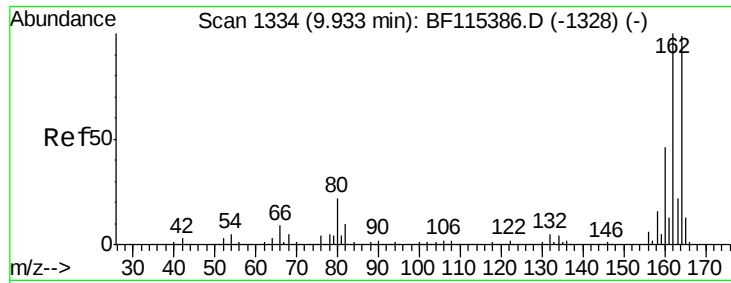
mohammad
7/11/2019 5:22:14 PM



#38
1-Methylnaphthalene
Concen: 38.327 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.3	111.5
116	3.6	3.1	4.7





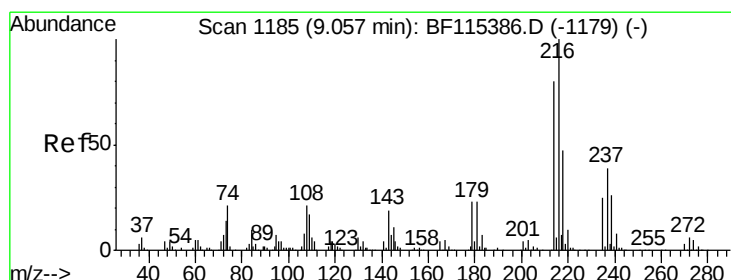
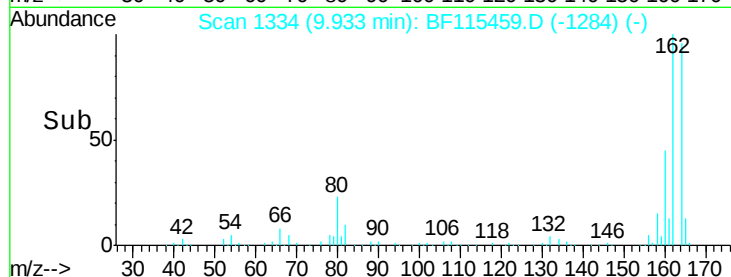
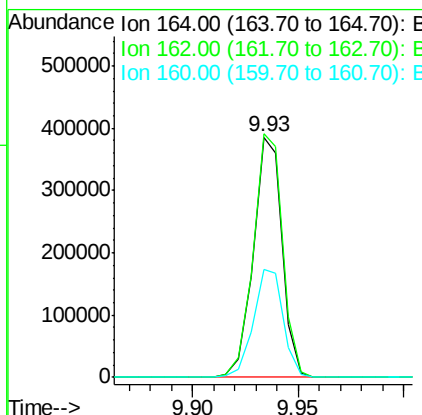
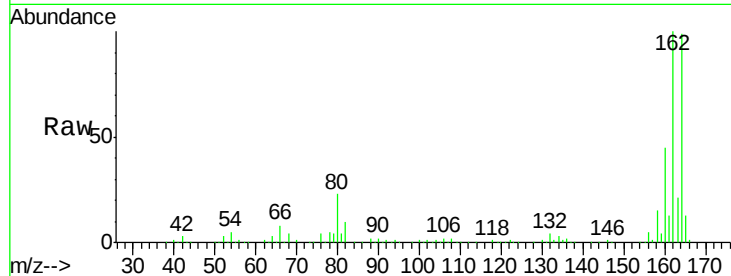
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	364460		
162	101.4	82.3	123.5	
160	45.2	37.2	55.8	

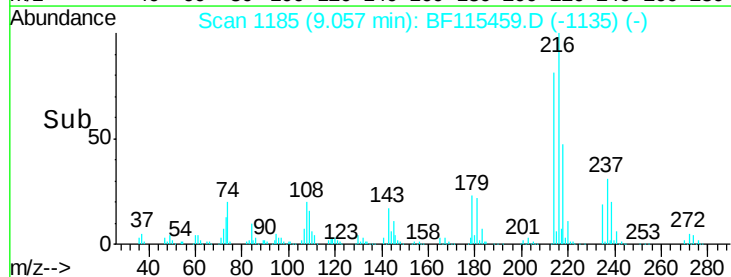
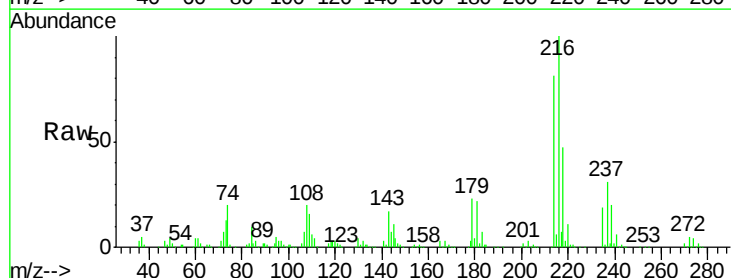
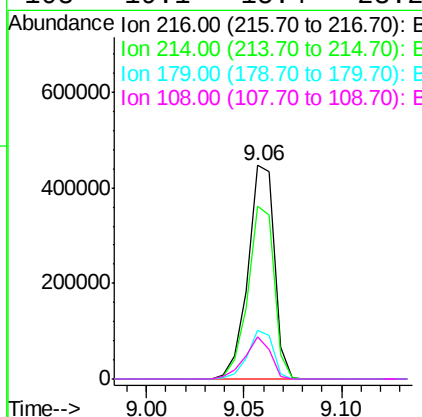
Manual Integrations
APPROVED

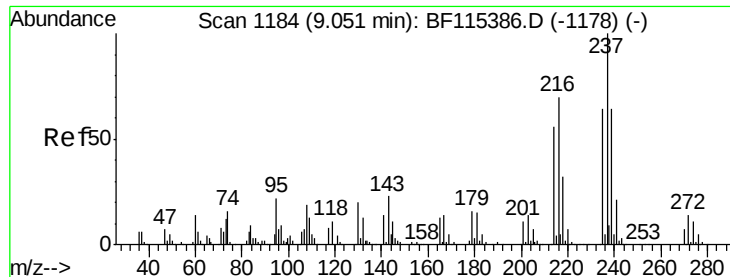
mohammad
7/11/2019 5:22:14 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.056 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	419983		
214	79.9	63.0	94.6	
179	21.8	17.4	26.0	
108	19.1	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 38.417 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

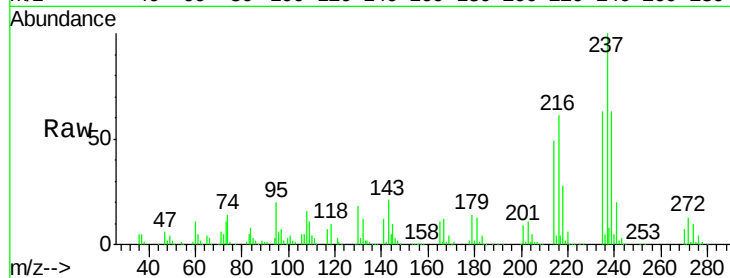
ClientSampleId :

SSTDCCC040

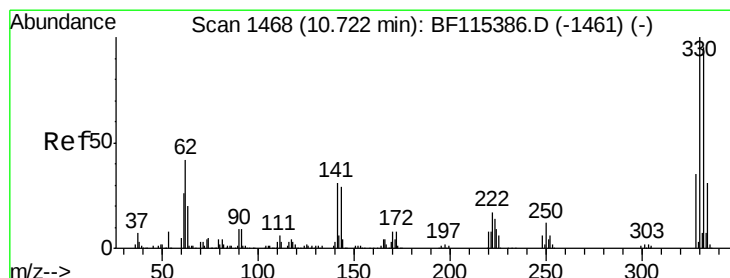
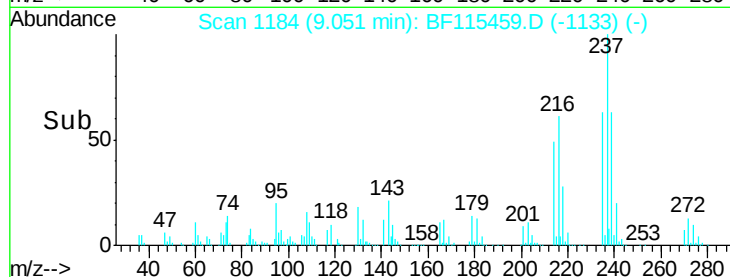
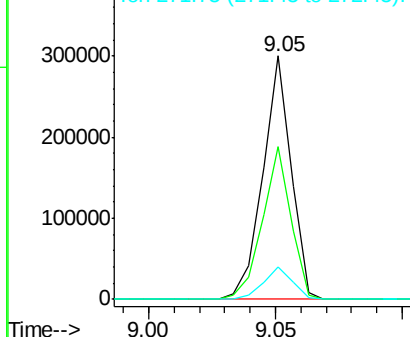
Tgt Ion:	237	Resp:	233460
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.4	83.4
272	13.5	0.0	33.6

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 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: 83.079 ng

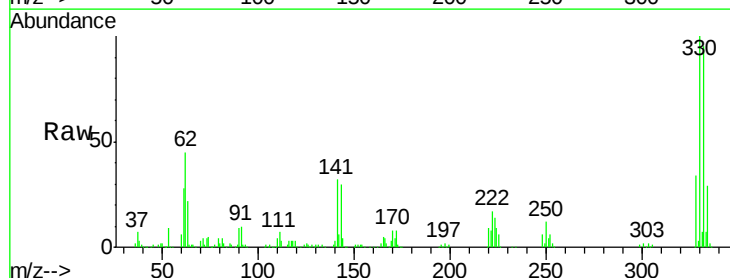
RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

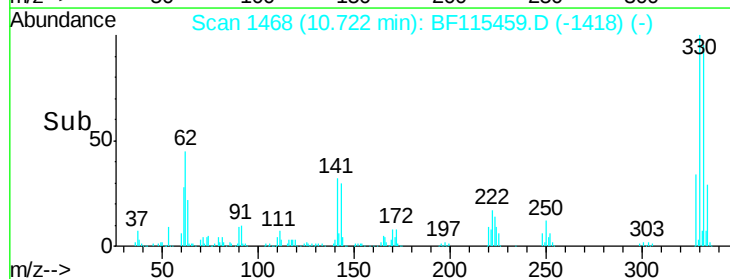
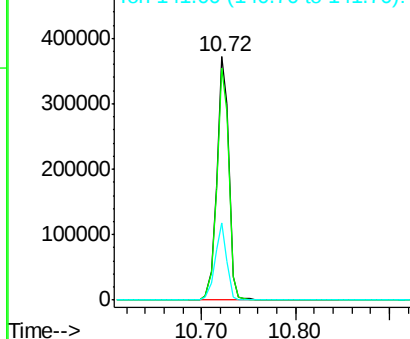
Lab File: BF115459.D

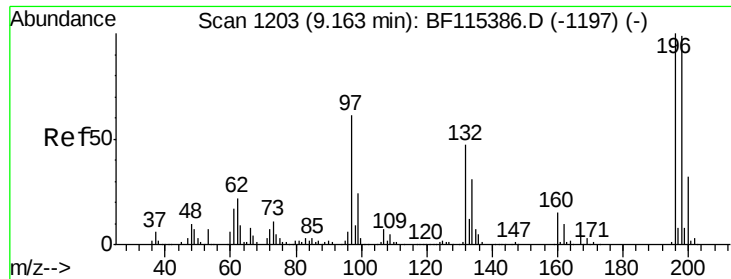
Acq: 10 Jul 2019 17:03

Tgt Ion:	330	Resp:	334785
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	30.9	24.7	37.1



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





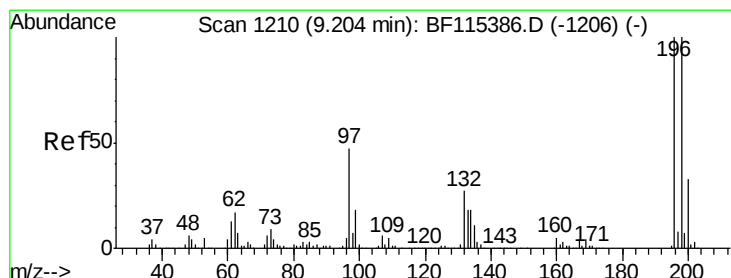
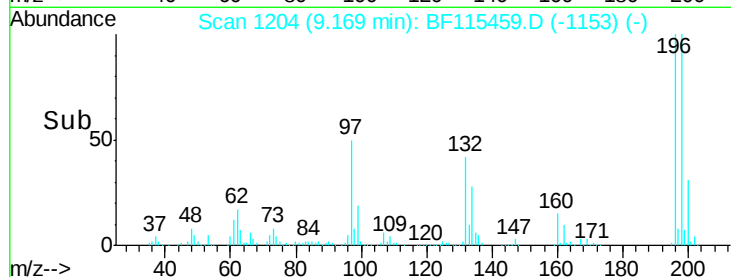
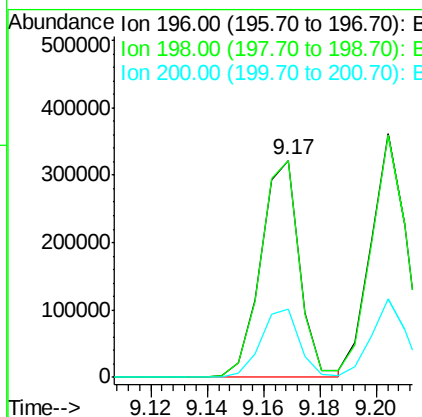
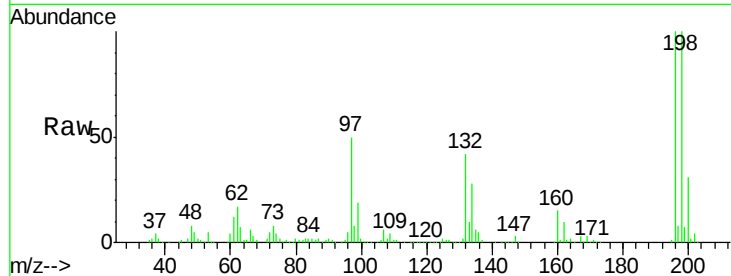
#43
 2,4,6-Trichlorophenol
 Concen: 40.340 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307928		
198	99.5	78.2	117.4	
200	31.3	25.0	37.6	

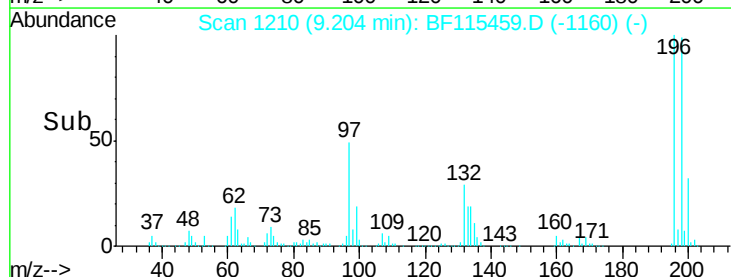
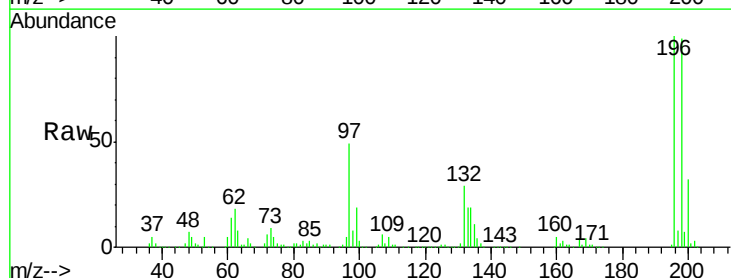
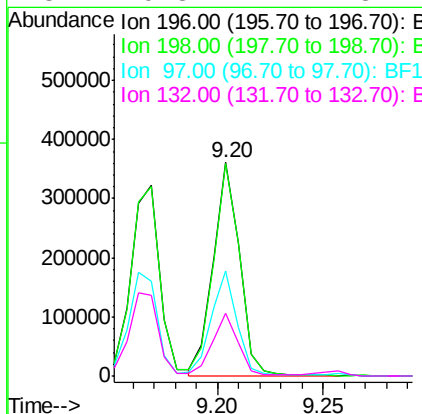
Manual Integrations
 APPROVED

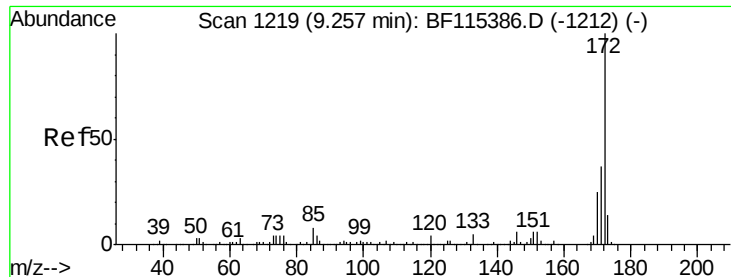
mohammad
 7/11/2019 5:22:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.662 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313935		
198	99.4	80.6	120.8	
97	49.3	34.0	51.0	
132	29.3	21.4	32.2	





#45

2-Fluorobiphenyl

Concen: 80.332 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1668483

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.8

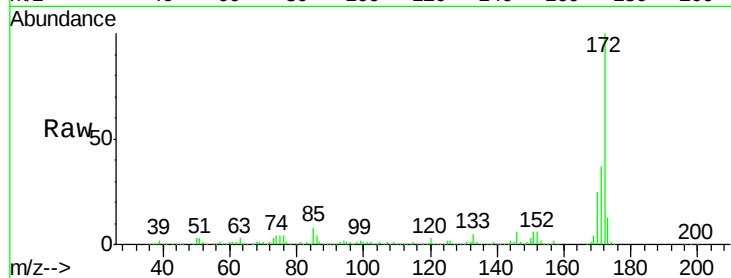
170 25.1 20.0 30.0

Manual Integrations

APPROVED

mohammad

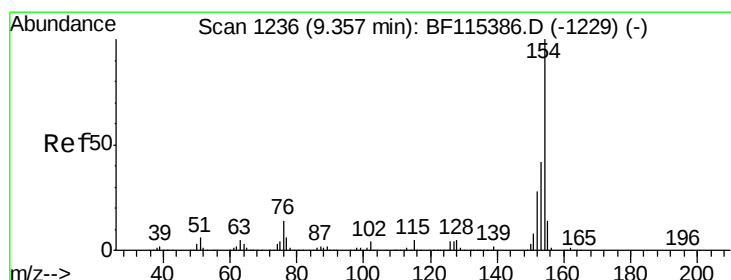
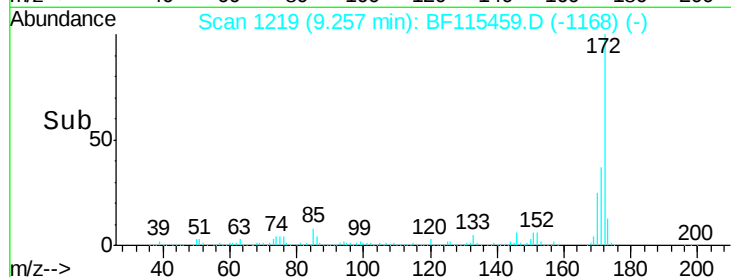
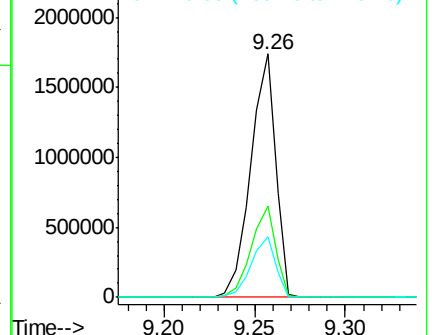
7/11/2019 5:22:14 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.090 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

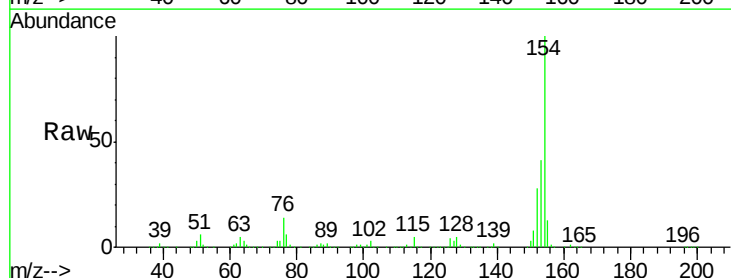
Tgt Ion:154 Resp: 1120005

Ion Ratio Lower Upper

154 100

153 41.1 21.5 61.5

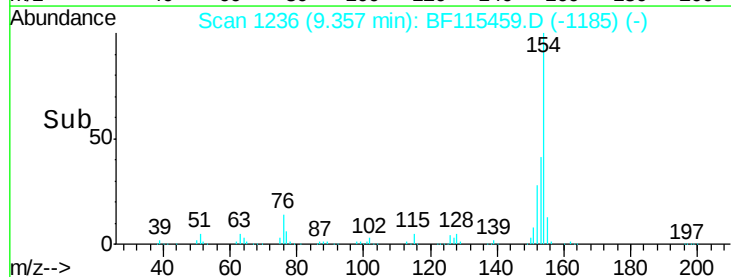
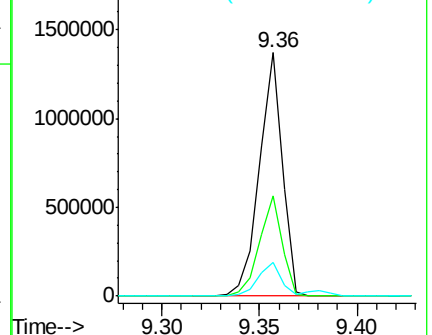
76 13.6 0.0 34.6

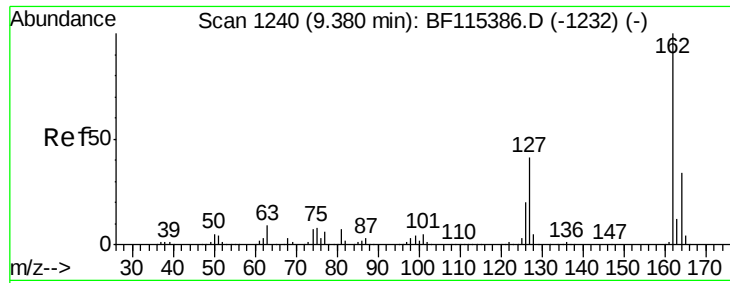


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





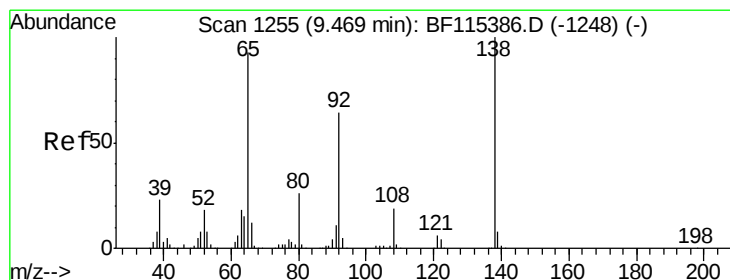
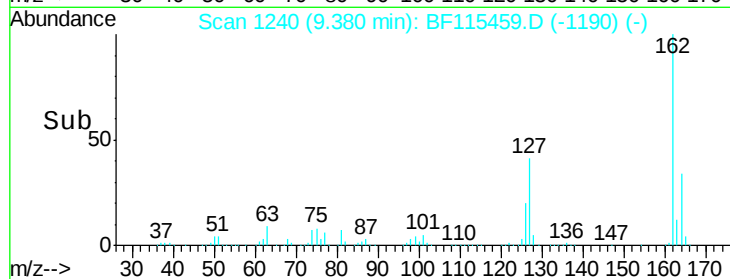
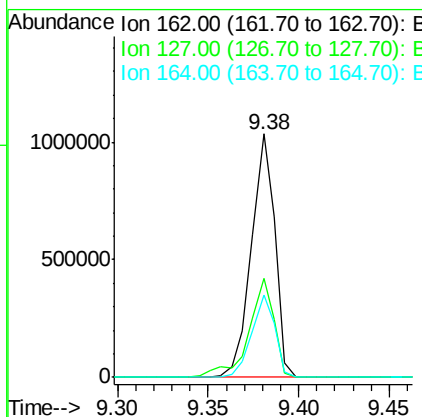
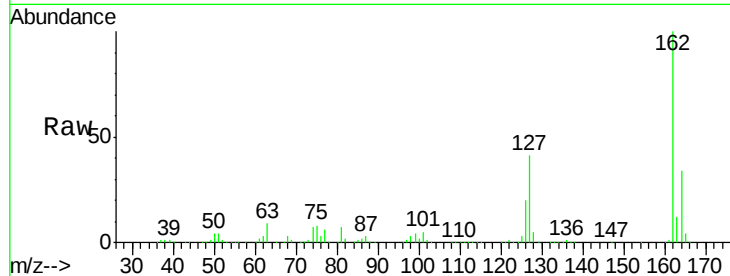
#47
 2-Chloronaphthalene
 Concen: 39.374 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	932402		
127	40.6		31.4	47.0
164	33.8		27.2	40.8

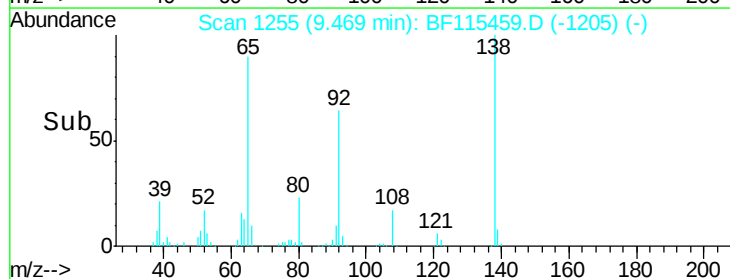
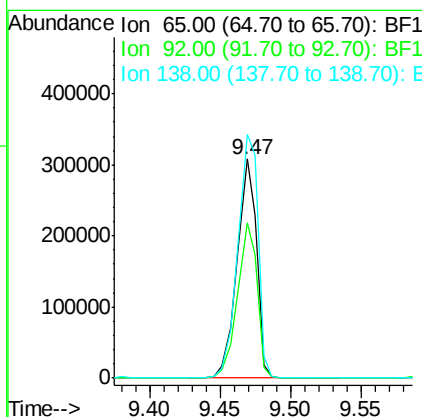
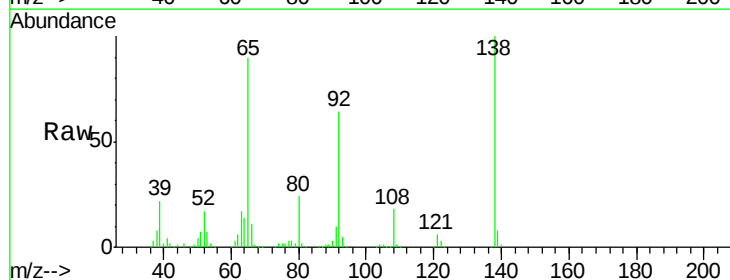
Manual Integrations
 APPROVED

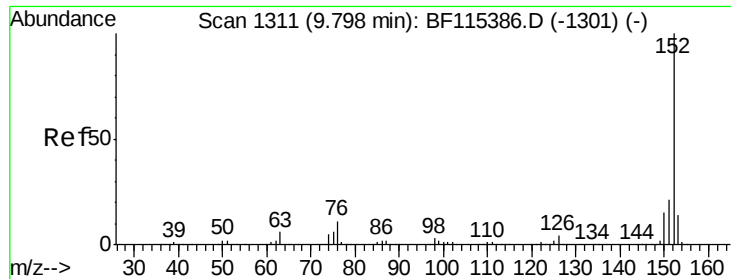
mohammad
 7/11/2019 5:22:14 PM



#48
 2-Nitroaniline
 Concen: 42.460 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	295408		
92	70.8		59.0	88.4
138	111.1		98.3	147.5





#49

Acenaphthylene

Concen: 38.907 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1394918

Ion Ratio Lower Upper

152 100

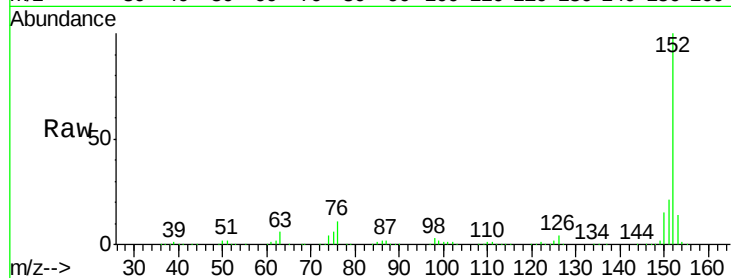
151 20.9 17.1 25.7

153 14.0 11.8 17.6

Manual Integrations
APPROVED

mohammad

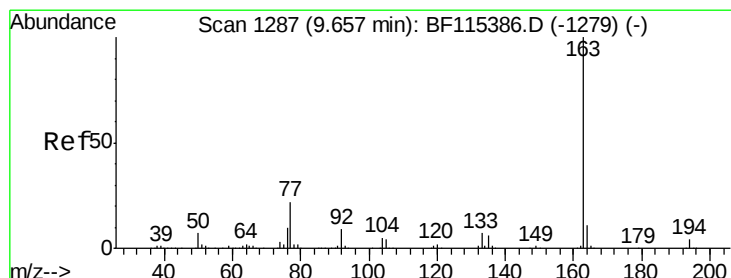
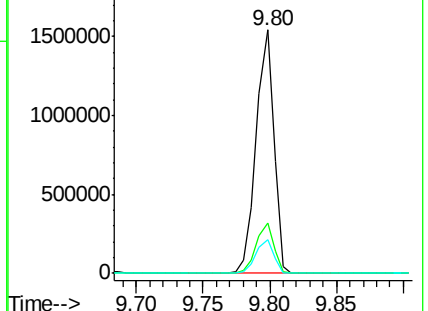
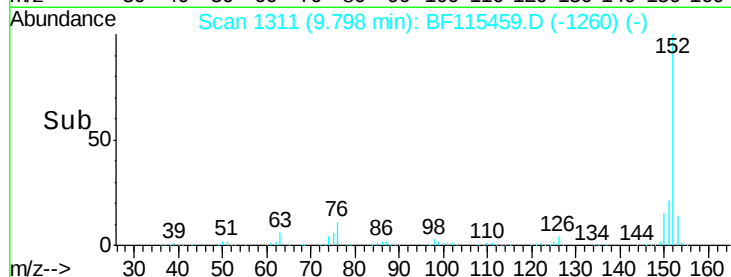
7/11/2019 5:22:14 PM



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: 38.956 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

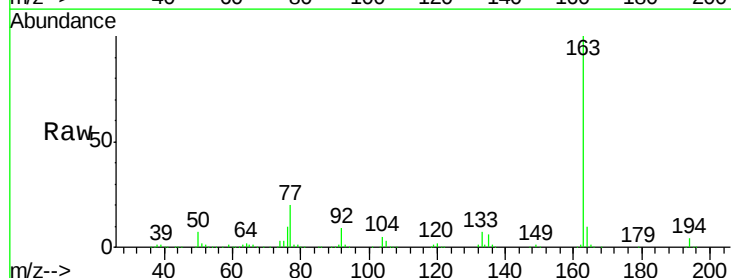
Tgt Ion:163 Resp: 1065652

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

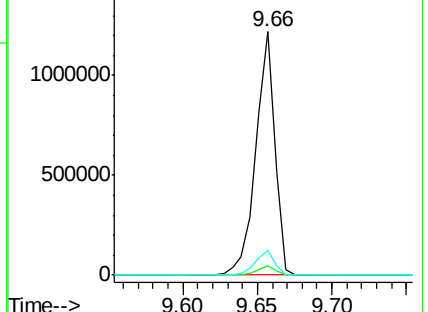
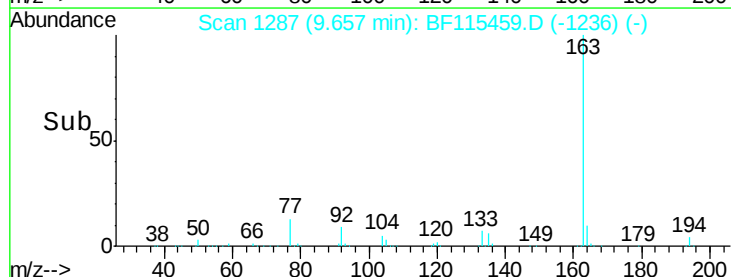
164 10.3 8.6 13.0

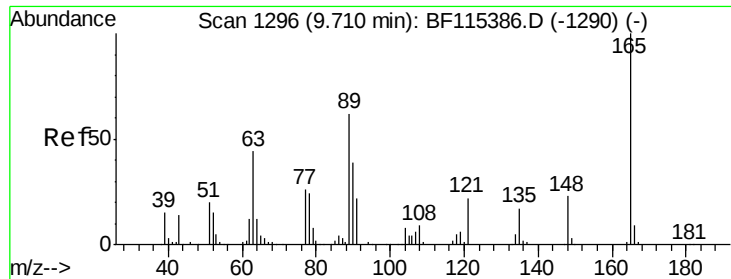


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





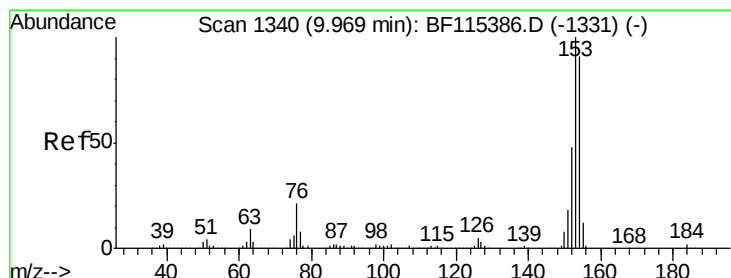
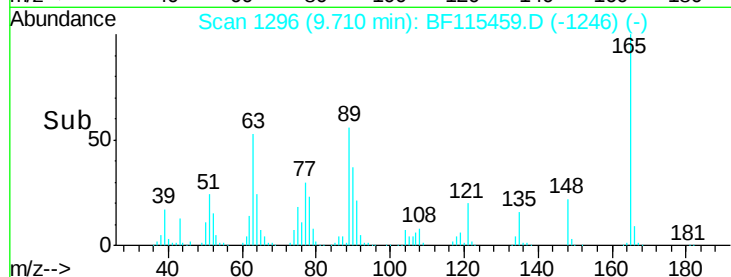
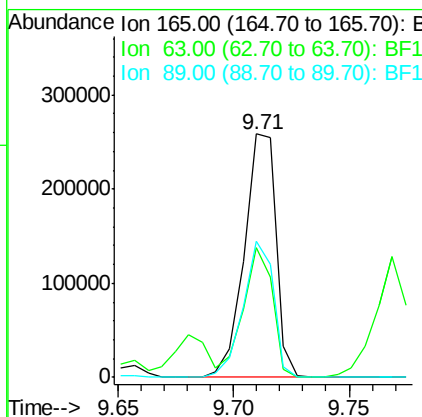
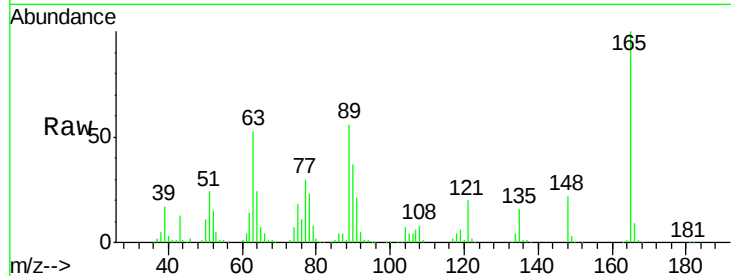
#51
 2,6-Dinitrotoluene
 Concen: 42.083 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249669		
63	53.4	39.7	59.5	
89	56.0	42.8	64.2	

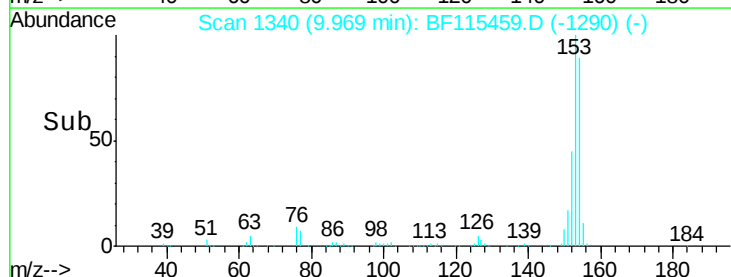
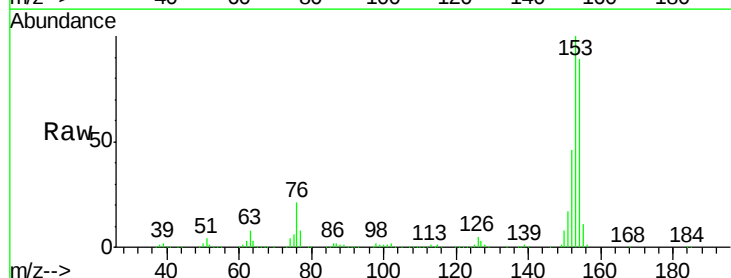
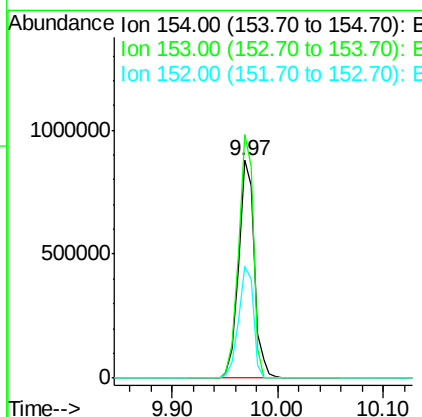
Manual Integrations
 APPROVED

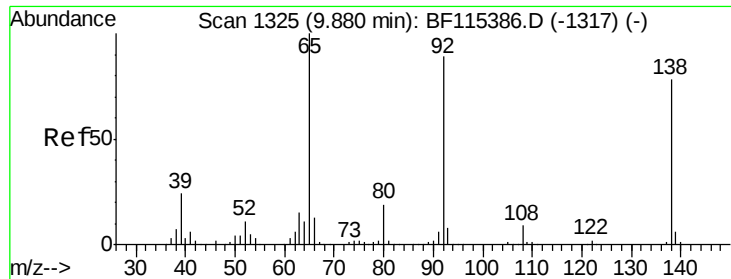
mohammad
 7/11/2019 5:22:14 PM



#52
 Acenaphthene
 Concen: 39.403 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	889089		
153	111.8	89.8	134.8	
152	51.5	41.4	62.0	





#53

3-Nitroaniline

Concen: 42.370 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

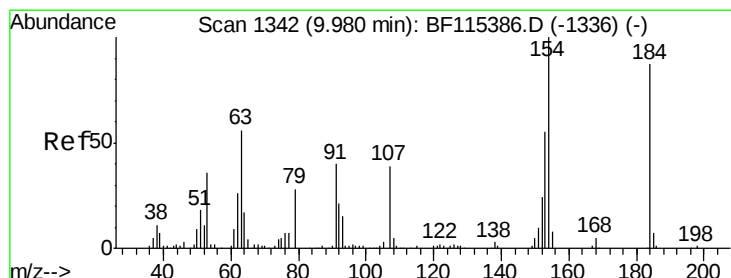
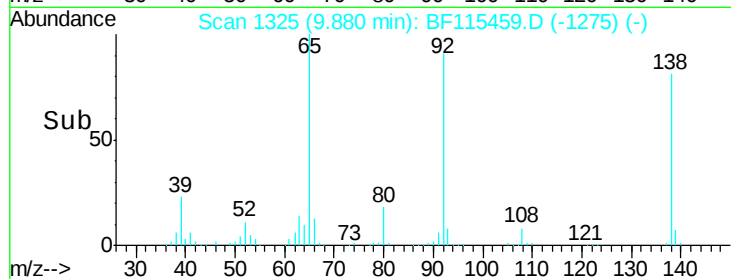
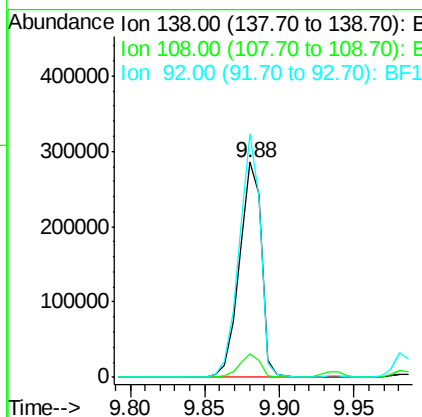
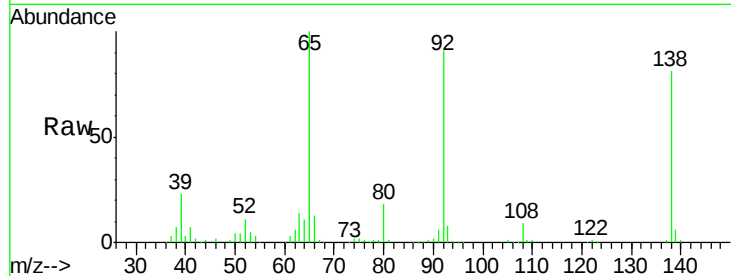
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	113.0	86.1	129.1

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#54

2,4-Dinitrophenol

Concen: 48.419 ng

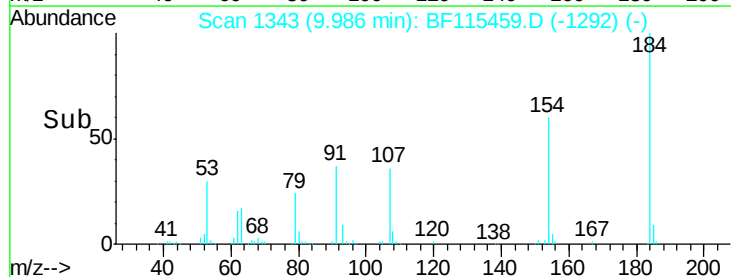
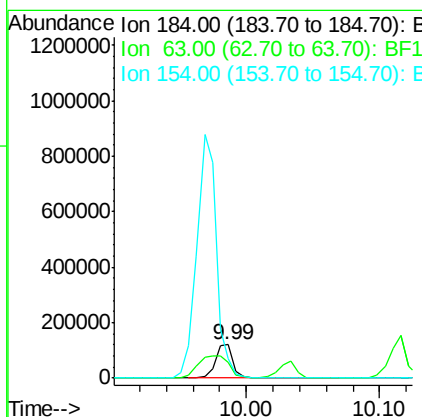
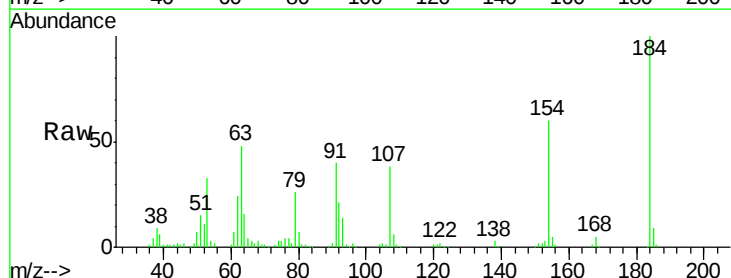
RT: 9.99 min Scan# 1343

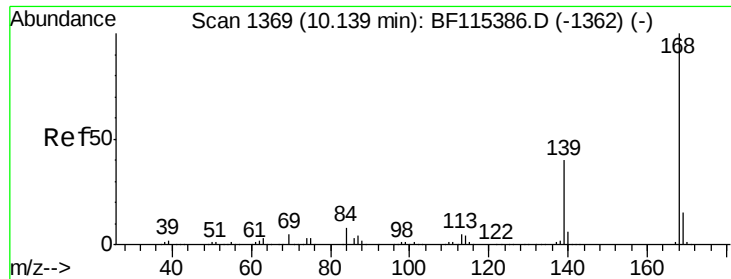
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.8	45.8	68.6
154	60.0	52.8	79.2





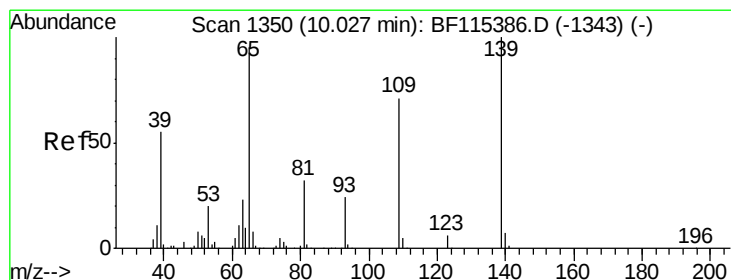
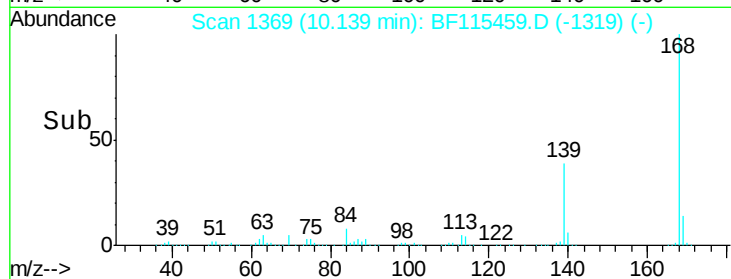
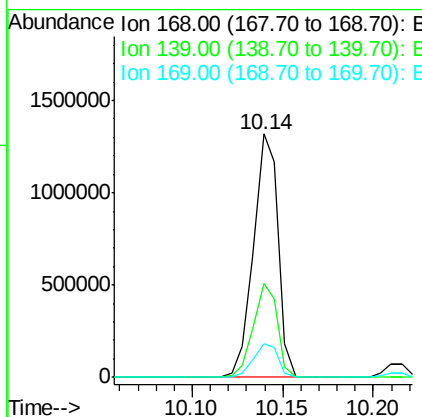
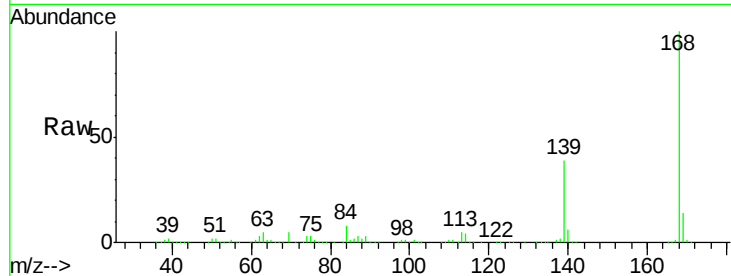
#55
Dibenzenofuran
Concen: 39.074 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1241988
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.8 11.0 16.6

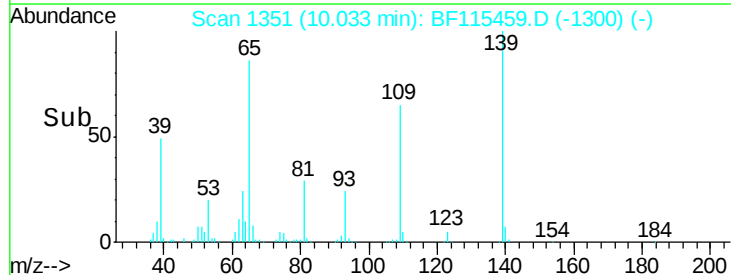
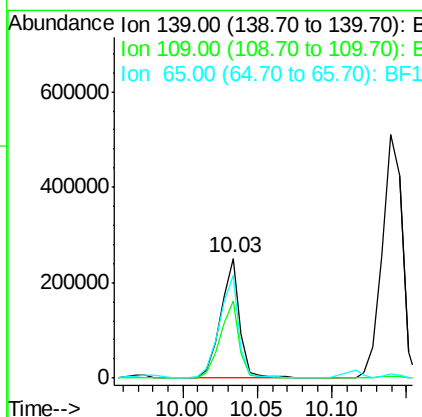
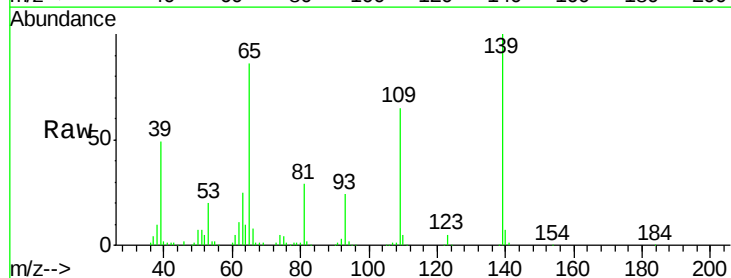
Manual Integrations
APPROVED

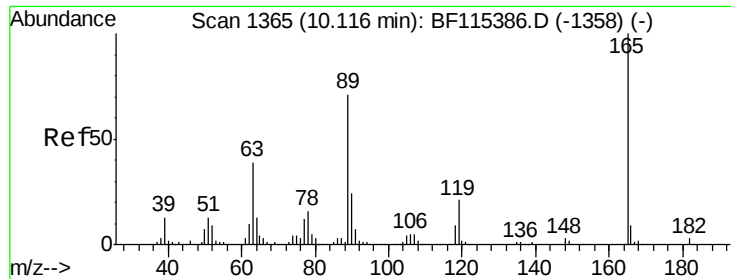
mohammad
7/11/2019 5:22:14 PM



#56
4-Nitrophenol
Concen: 42.206 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:139 Resp: 225007
Ion Ratio Lower Upper
139 100
109 64.6 46.4 86.4
65 86.0 73.4 113.4





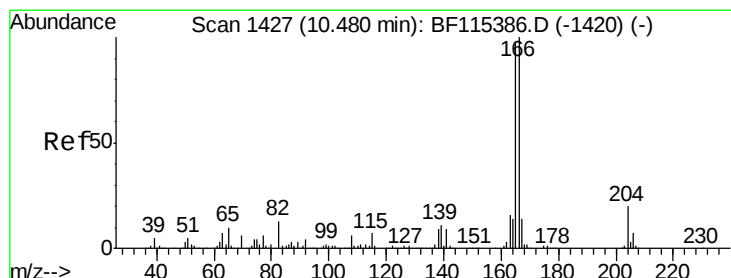
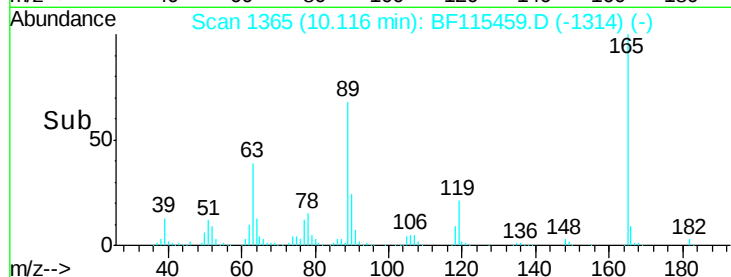
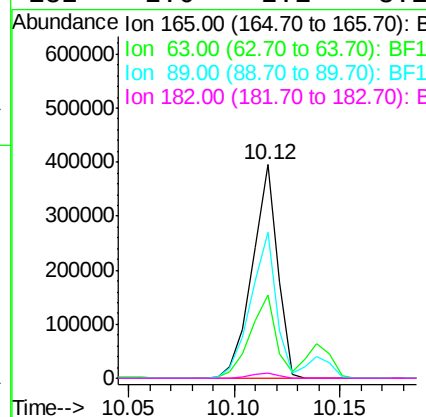
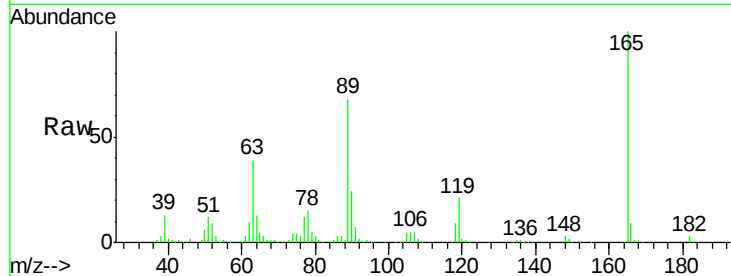
#57
2,4-Dinitrotoluene
Concen: 43.837 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	330516		
63	38.8	33.0	49.4	
89	68.2	58.5	87.7	
182	2.6	2.1	3.1	

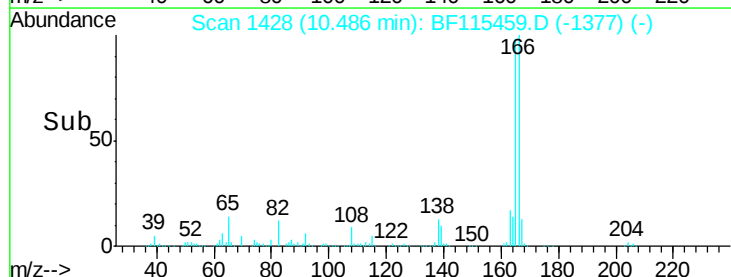
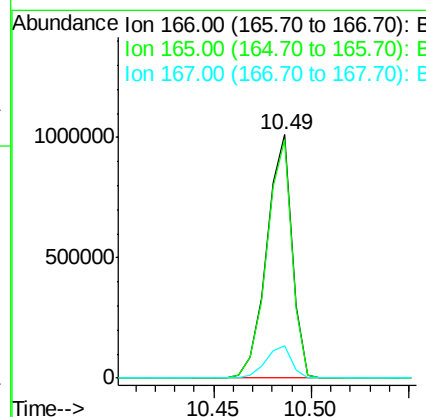
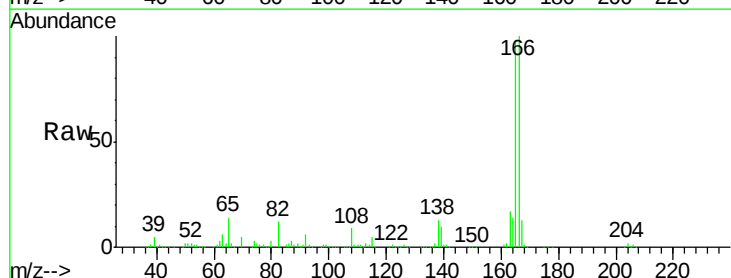
Manual Integrations
APPROVED

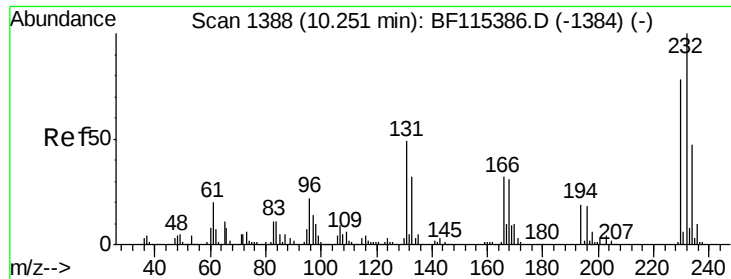
mohammad
7/11/2019 5:22:14 PM



#58
Fluorene
Concen: 36.160 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	906052		
165	97.9	78.7	118.1	
167	13.4	10.8	16.2	





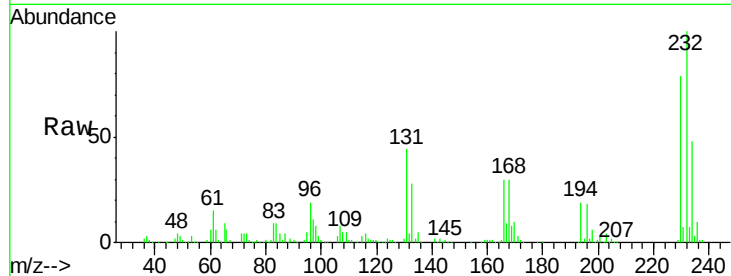
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.828 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

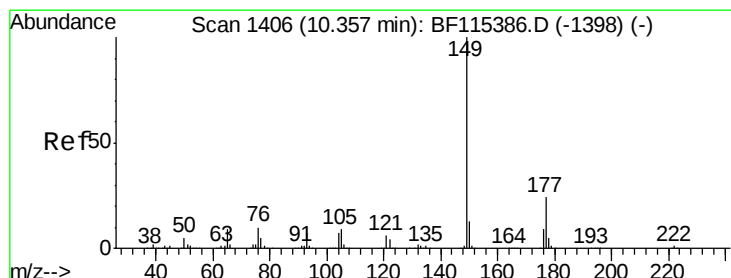
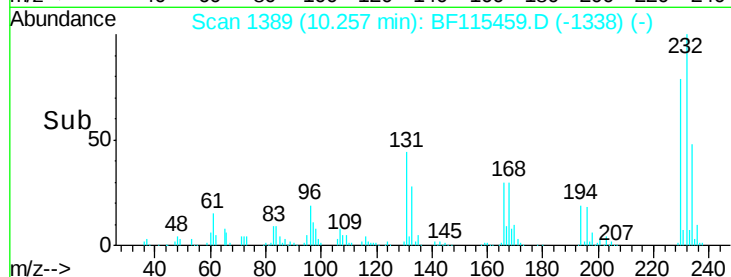
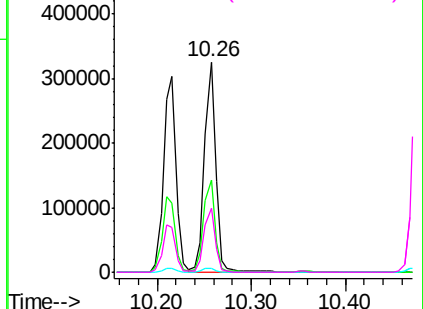
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.4	53.0
130	2.2	1.7	2.5
166	30.7	24.8	37.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



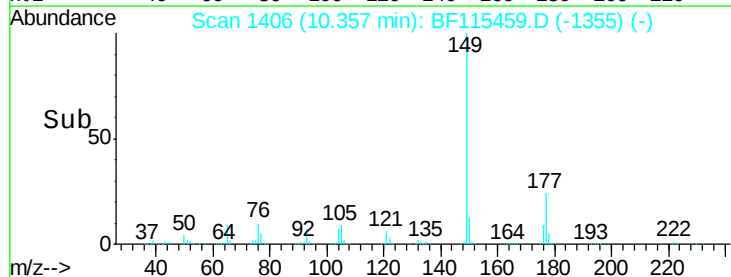
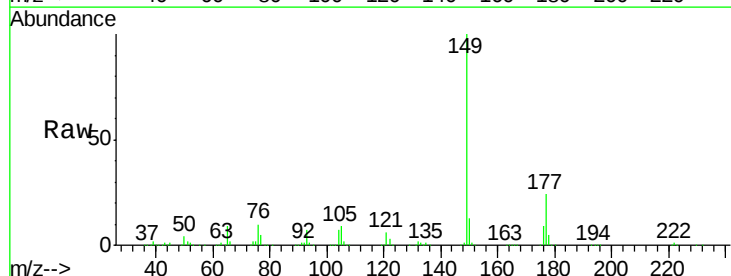
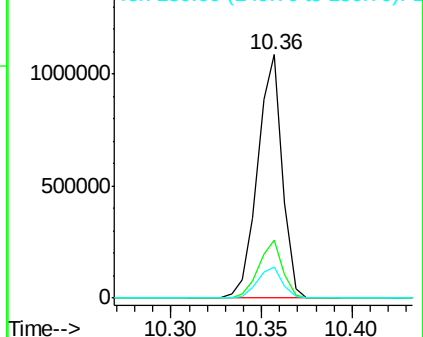
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

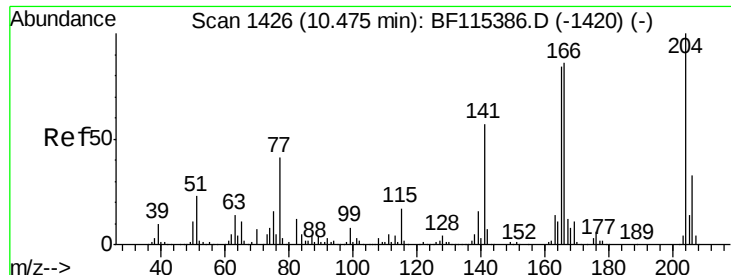


#60
Diethylphthalate
Concen: 38.009 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	12.7	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





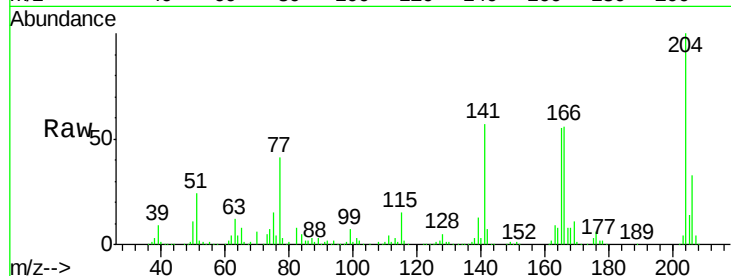
#61
 4-Chlorophenyl-phenylether
 Concen: 38.525 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

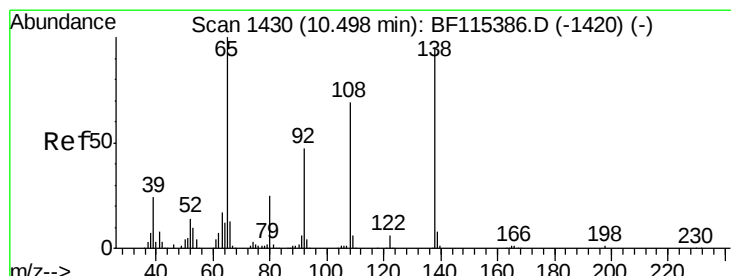
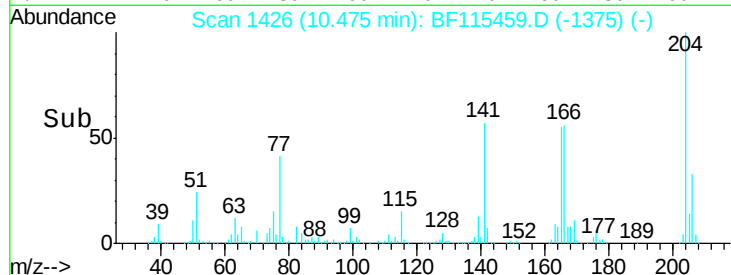
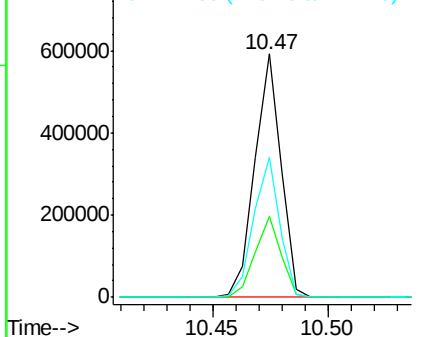
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.8	40.2
141	57.3	47.9	71.9

Manual Integrations
 APPROVED

mohammad
 7/11/2019 5:22:14 PM

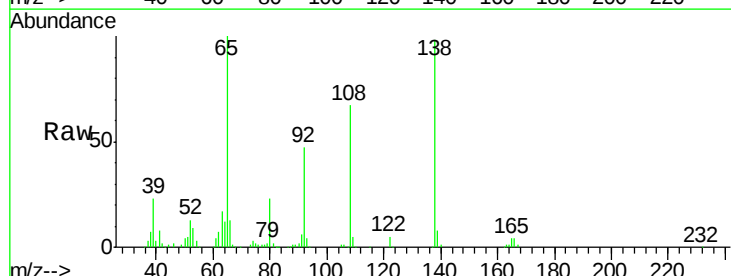


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

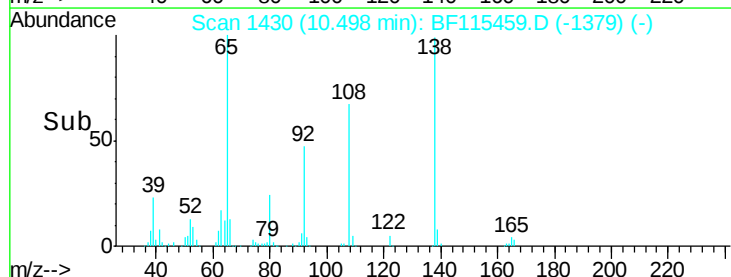
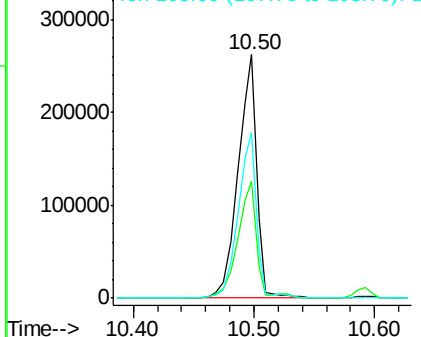


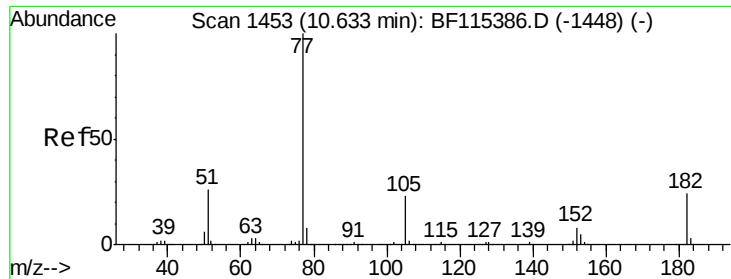
#62
 4-Nitroaniline
 Concen: 41.802 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	29.9	69.9
108	68.1	49.0	89.0



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





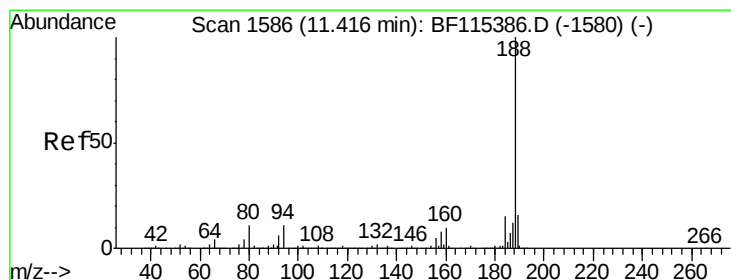
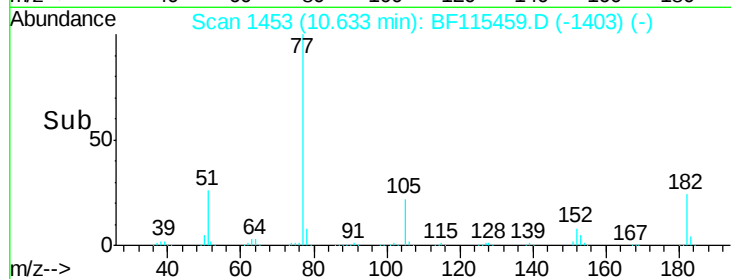
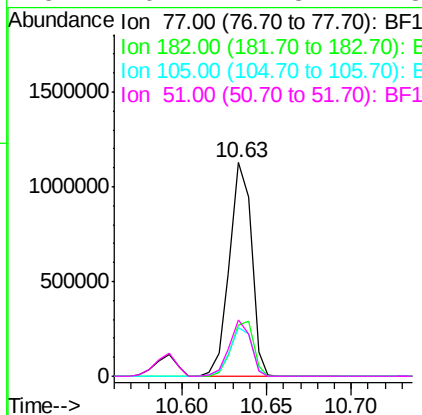
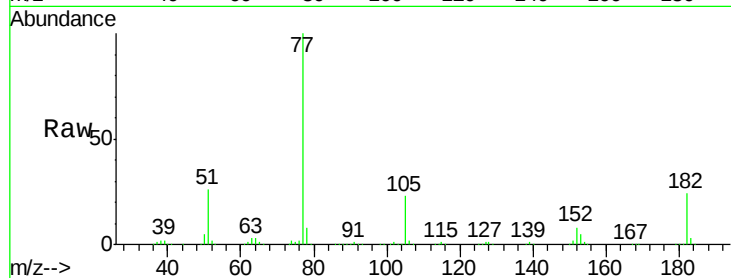
#63
Azobenzene
Concen: 36.770 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1020556
Ion Ratio Lower Upper
77 100
182 24.2 7.7 47.7
105 22.7 3.6 43.6
51 26.1 4.8 44.8

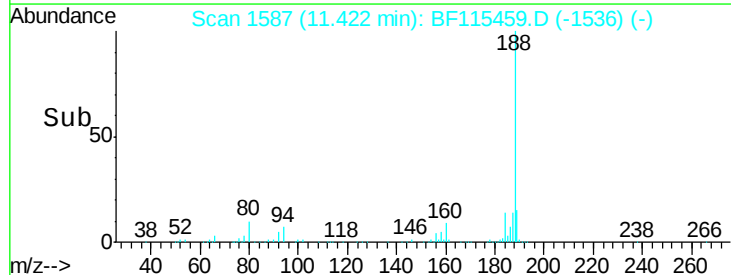
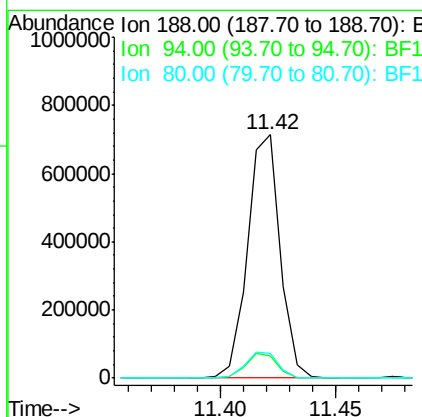
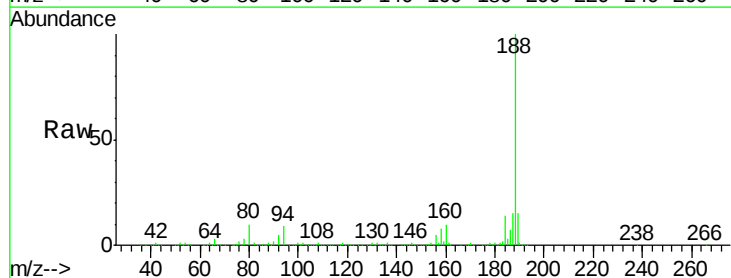
Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 188 Resp: 702511
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 9.9 8.4 12.6





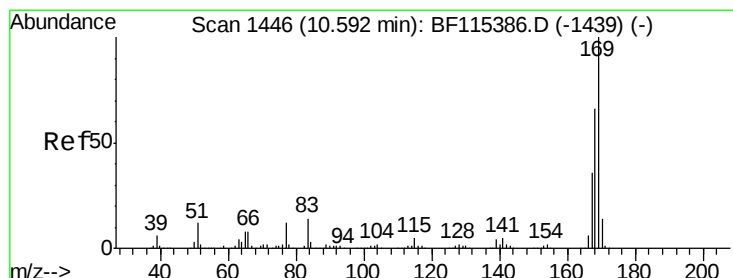
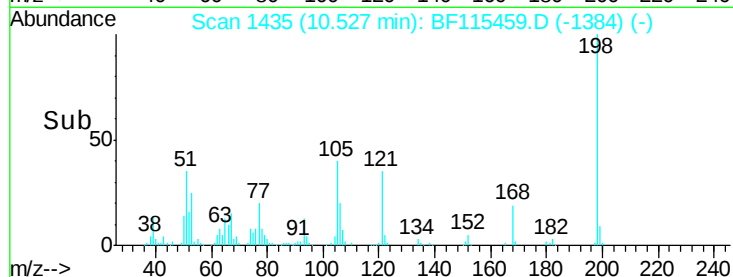
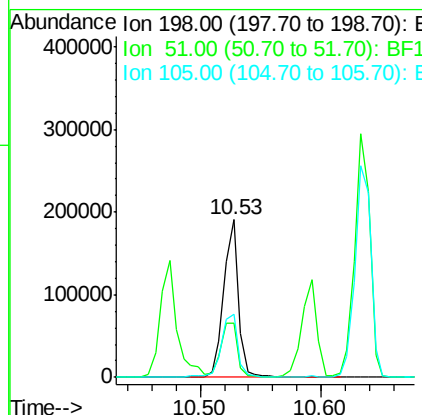
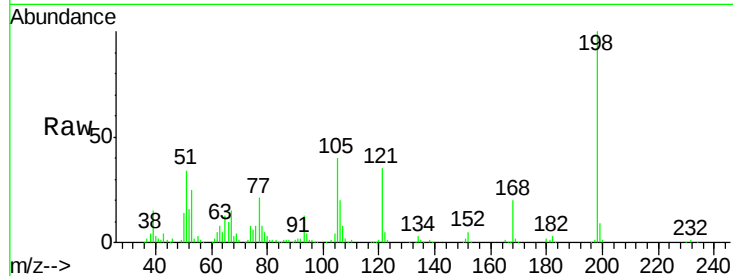
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.675 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.5	20.7	60.7
105	39.8	25.3	65.3

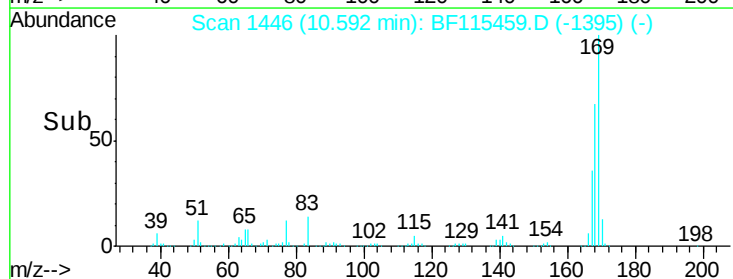
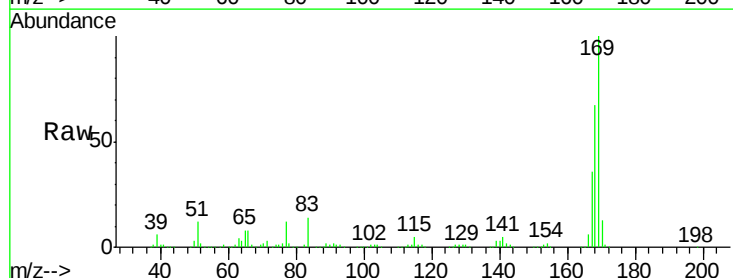
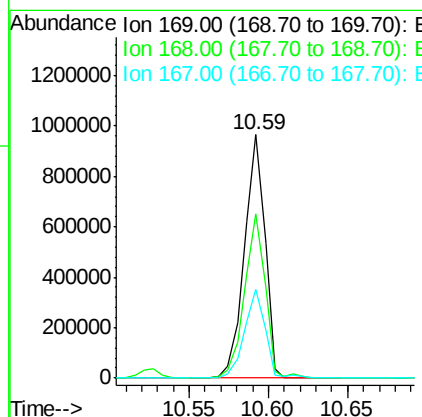
Manual Integrations
 APPROVED

mohammad
 7/11/2019 5:22:14 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.904 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	29.4	44.2





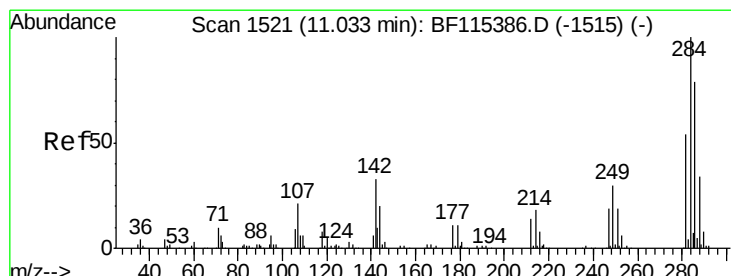
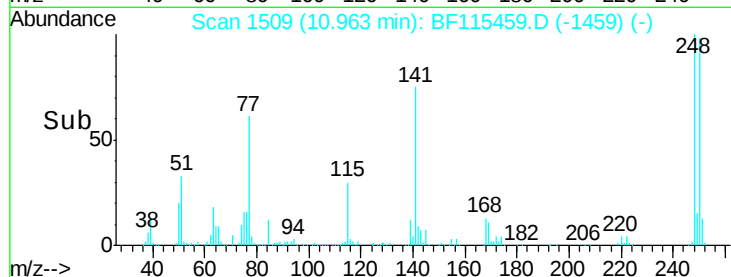
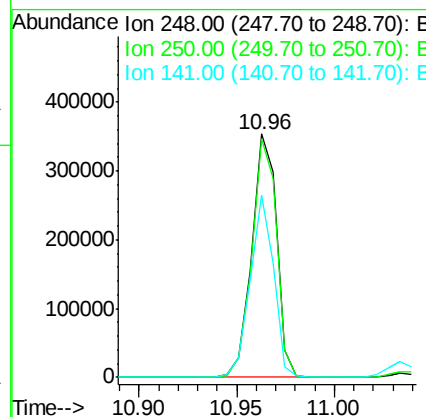
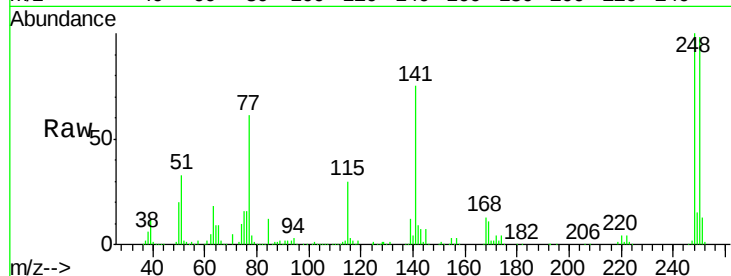
#67
 4-Bromophenyl-phenylether
 Concen: 39.592 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	74.8	52.2	78.2

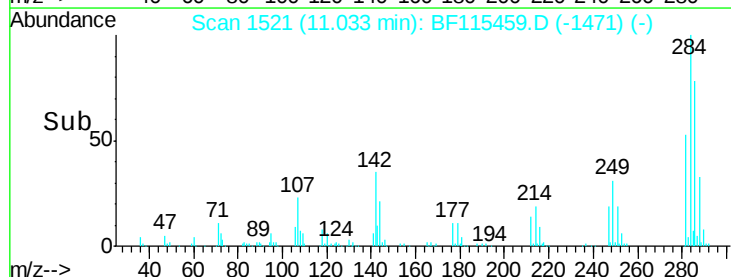
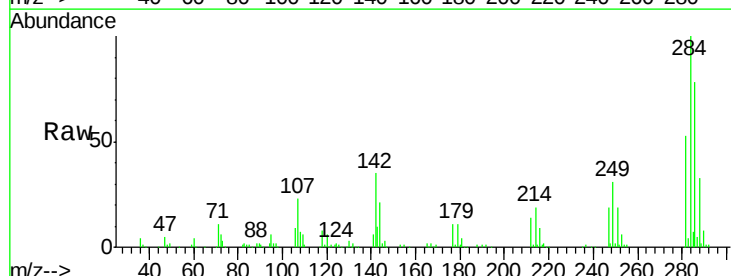
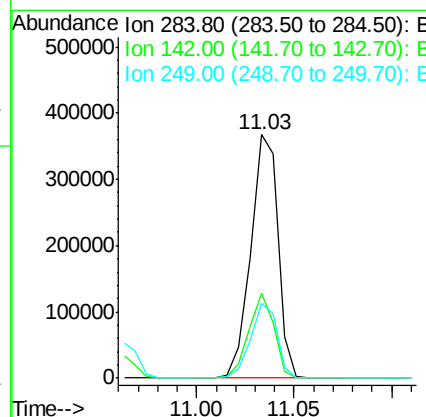
Manual Integrations
 APPROVED

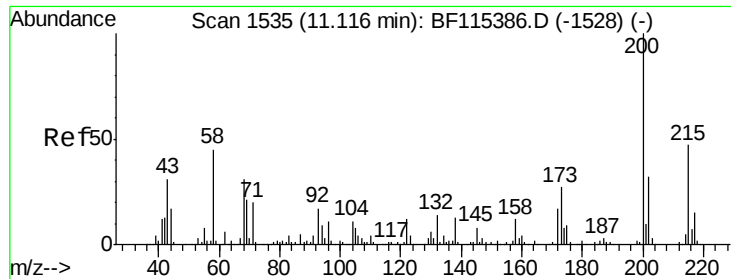
mohammad
 7/11/2019 5:22:14 PM



#68
 Hexachlorobenzene
 Concen: 40.165 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	23.9	35.9
249	30.7	23.6	35.4





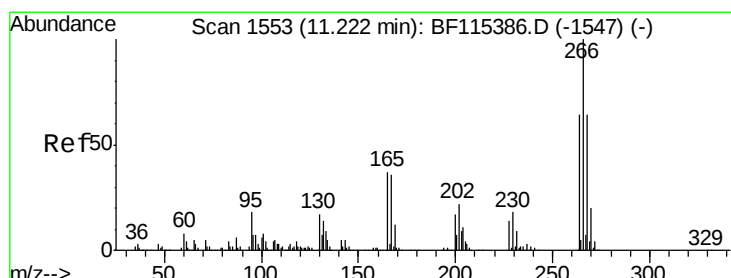
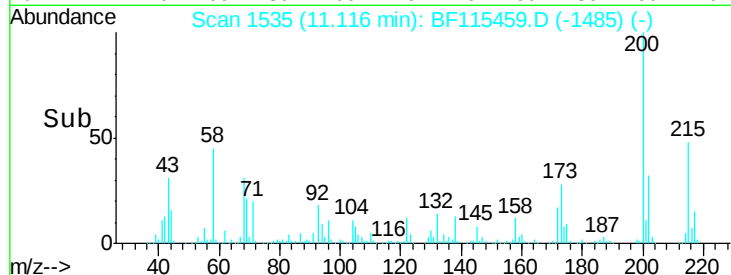
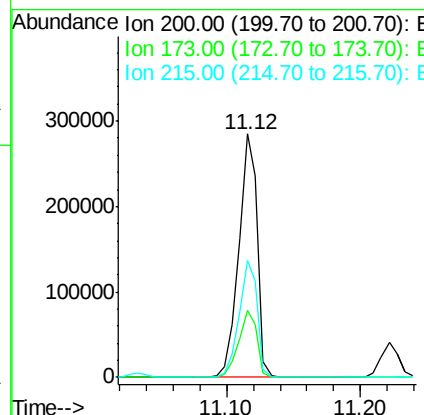
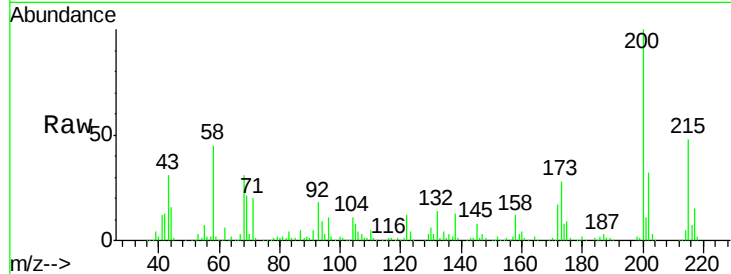
#69
Atrazine
Concen: 40.373 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	276568		
173	27.6	7.0	47.0	
215	48.0	27.8	67.8	

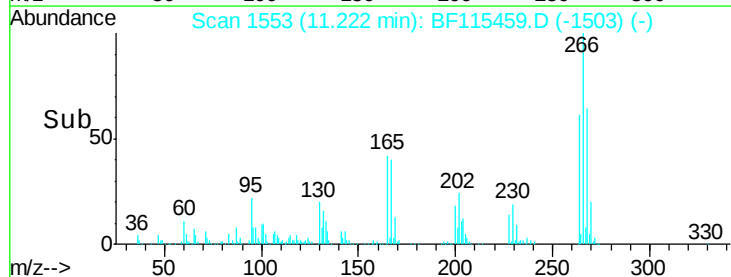
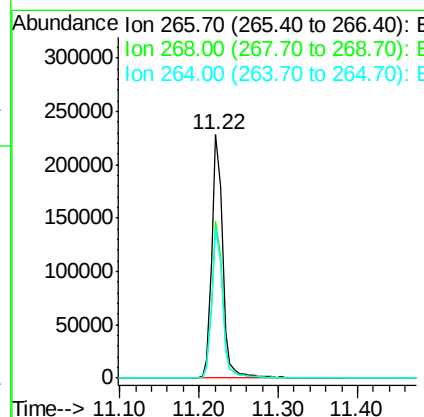
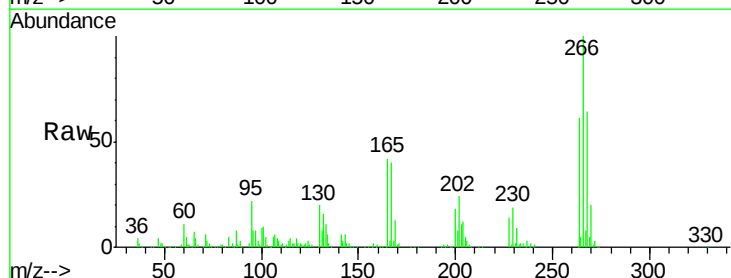
Manual Integrations
APPROVED

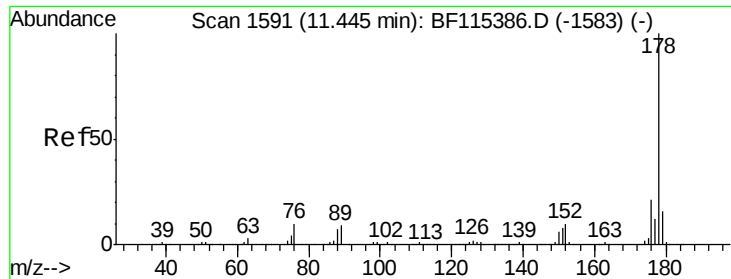
mohammad
7/11/2019 5:22:14 PM



#70
Pentachlorophenol
Concen: 41.198 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	222084		
268	64.2	51.2	76.8	
264	61.5	50.6	75.8	





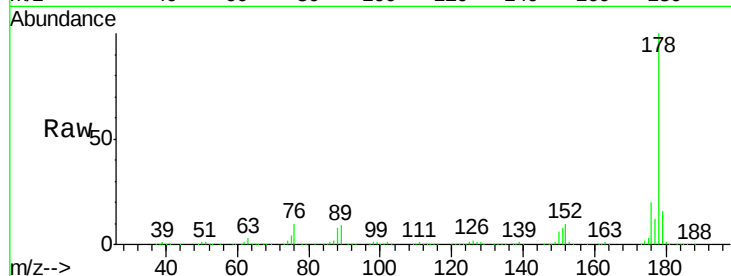
#71
Phenanthrene
Concen: 38.515 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

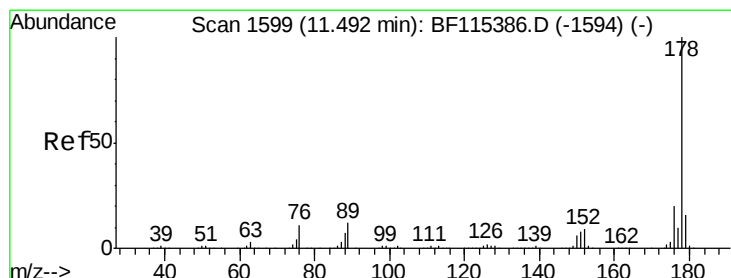
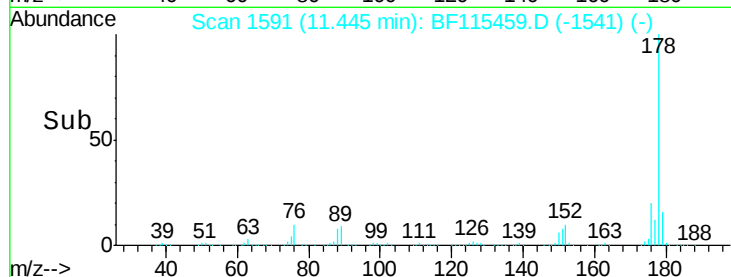
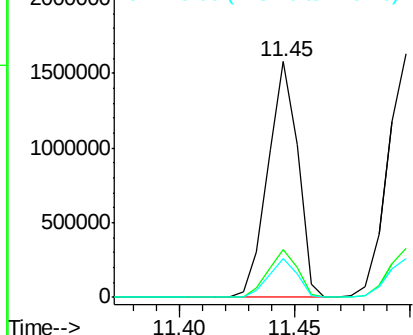
Tgt Ion:178 Resp: 1423004
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 16.3 12.7 19.1

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



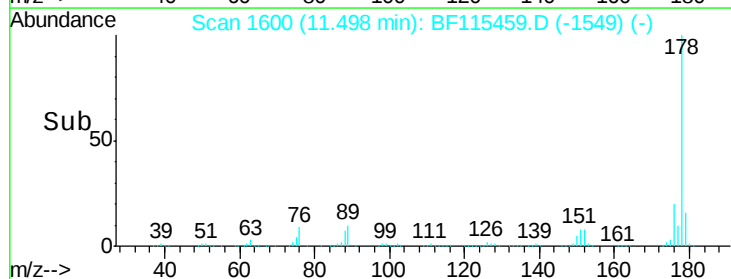
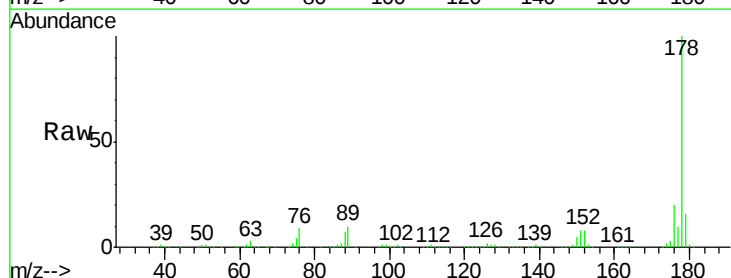
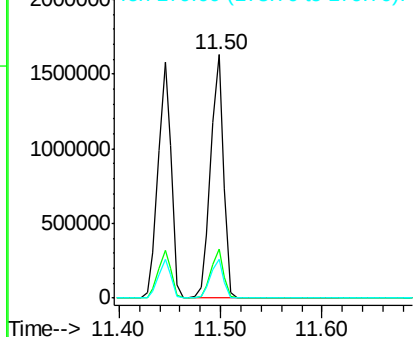
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.095 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:178 Resp: 1448443
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.2 13.0 19.6

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





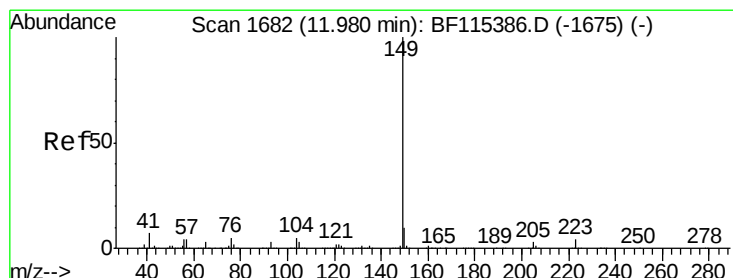
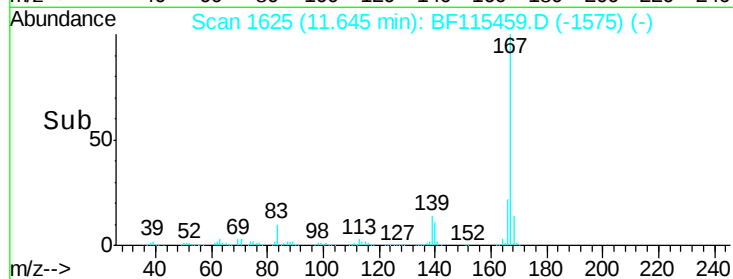
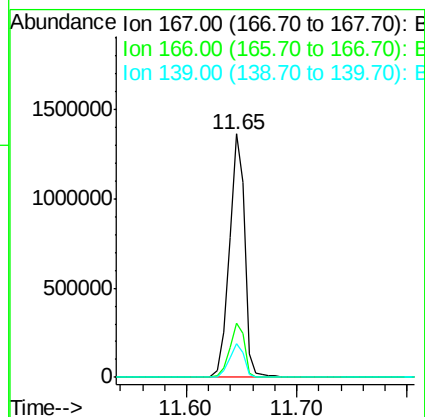
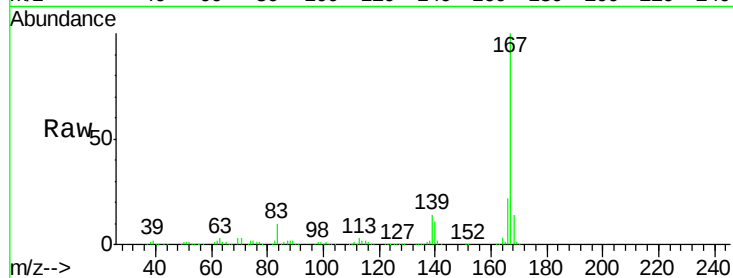
#73
 Carbazole
 Concen: 38.959 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:167 Resp: 1320488
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.9 10.9 16.3

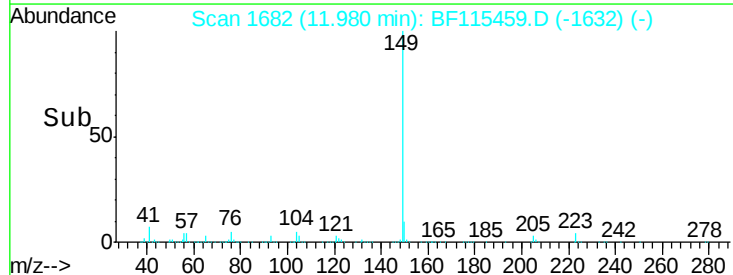
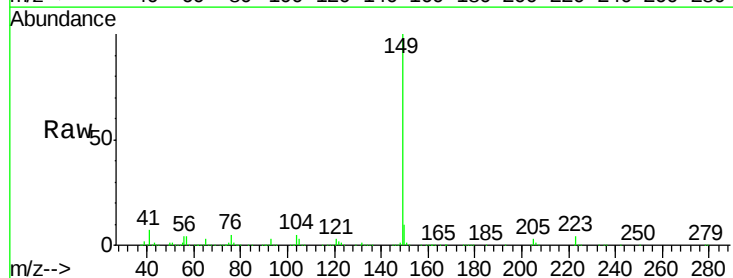
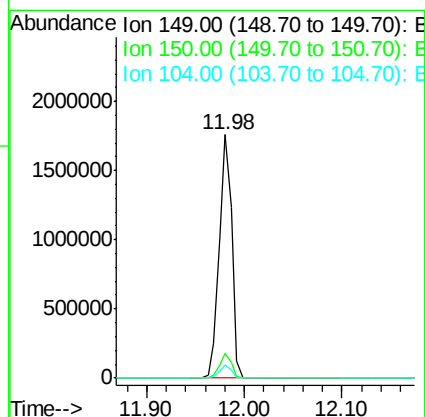
Manual Integrations
 APPROVED

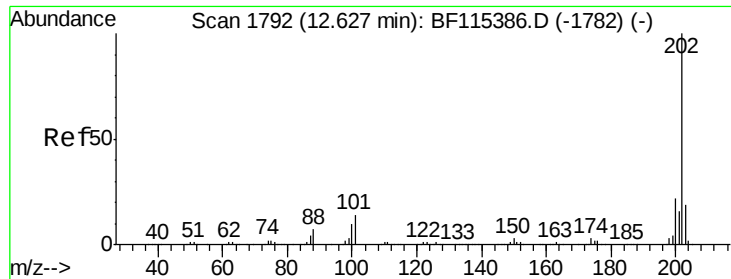
mohammad
 7/11/2019 5:22:14 PM



#74
 Di-n-butylphthalate
 Concen: 38.133 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion:149 Resp: 1562059
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 38.732 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

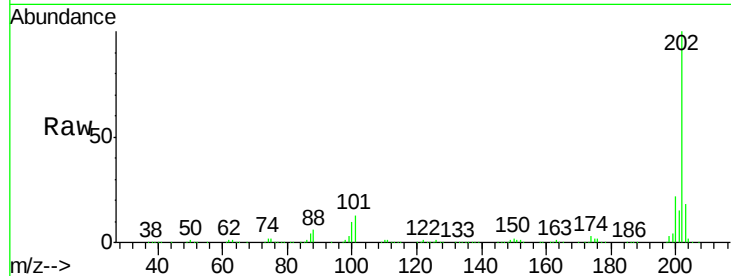
ClientSampleId :

SSTDCCC040

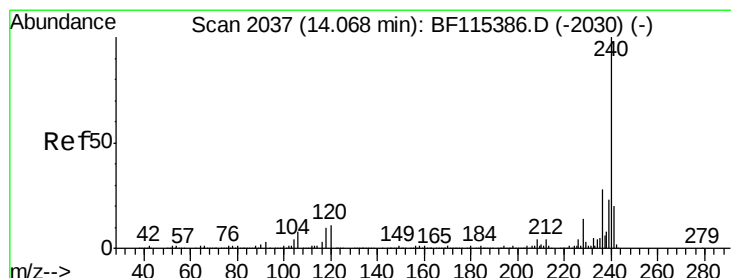
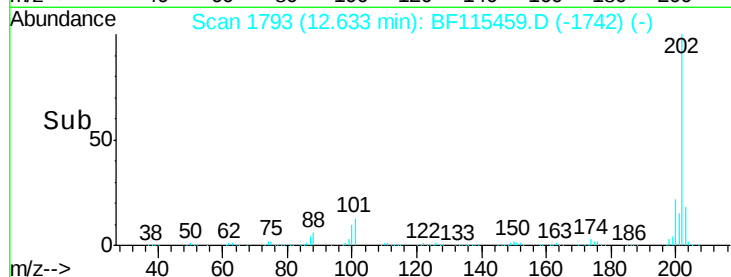
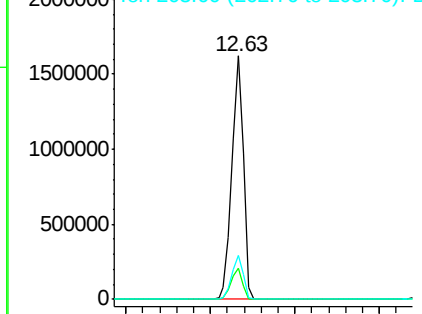
Tgt	Ion	202	Resp:	1506741
Ion	Ratio	Lower	Upper	
202	100			
101	12.7	0.0	33.9	
203	18.0	0.0	38.4	

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

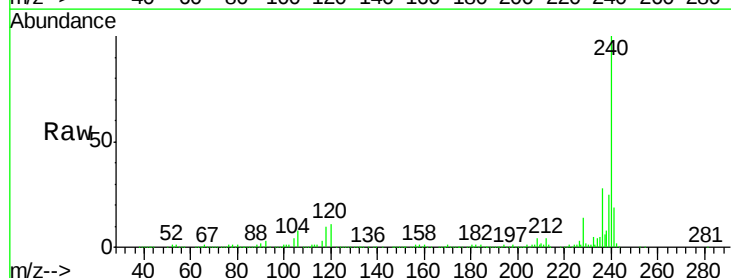
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

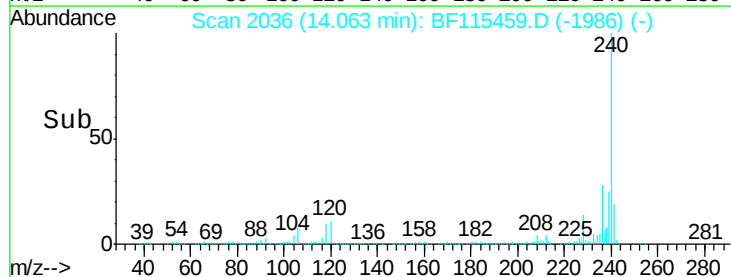
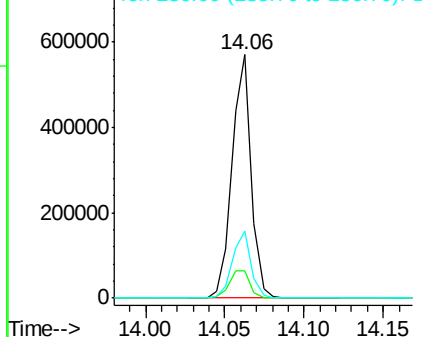
Lab File: BF115459.D

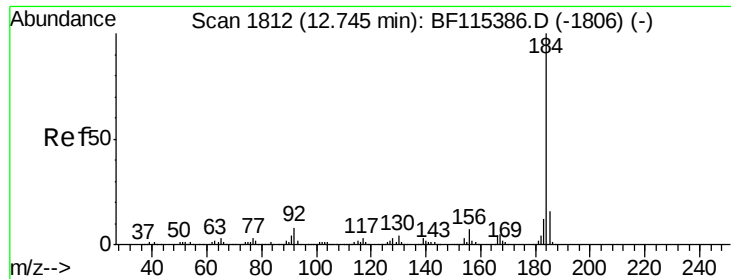
Acq: 10 Jul 2019 17:03

Tgt	Ion	240	Resp:	475807
Ion	Ratio	Lower	Upper	
240	100			
120	11.1	10.2	15.4	
236	27.5	21.1	31.7	



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





#77

Benzidine

Concen: 37.447 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

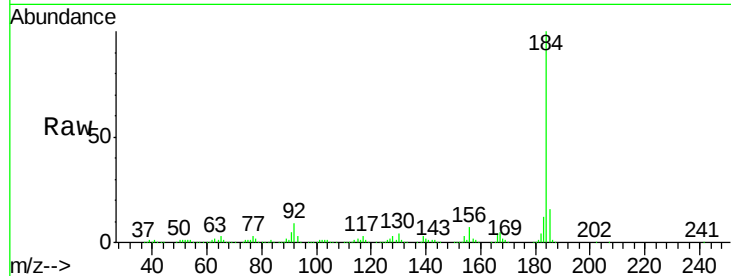
ClientSampleId :

SSTDCCC040

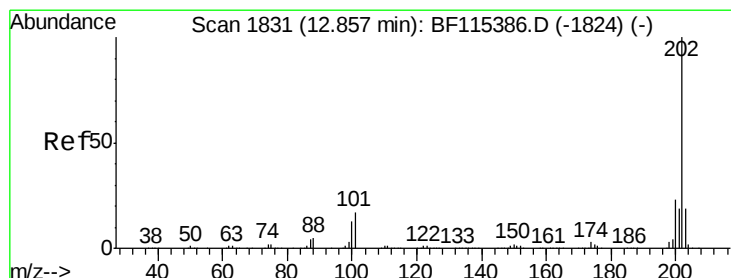
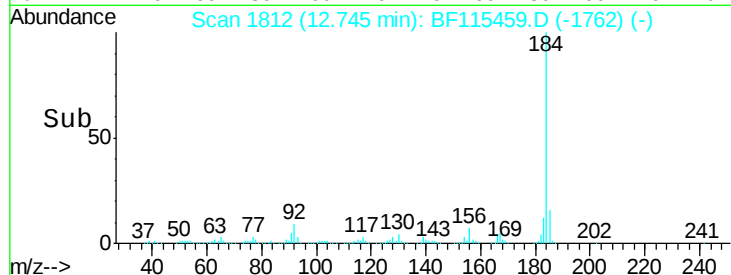
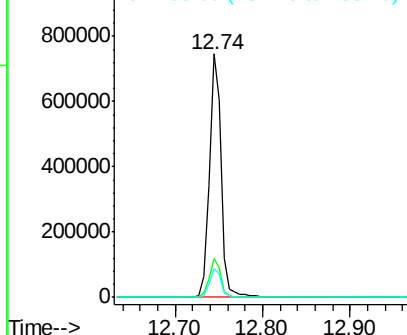
Tgt Ion:	184	Resp:	694817
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.0	19.6
183	11.7	9.7	14.5

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 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: 41.157 ng

RT: 12.86 min Scan# 1832

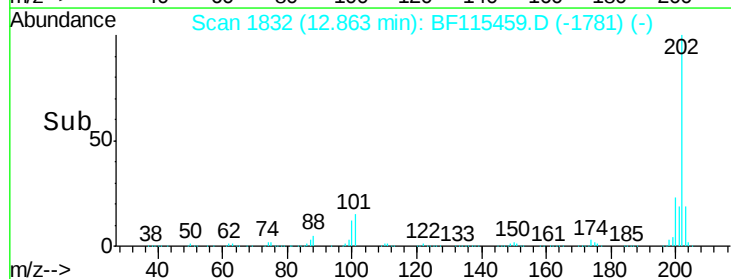
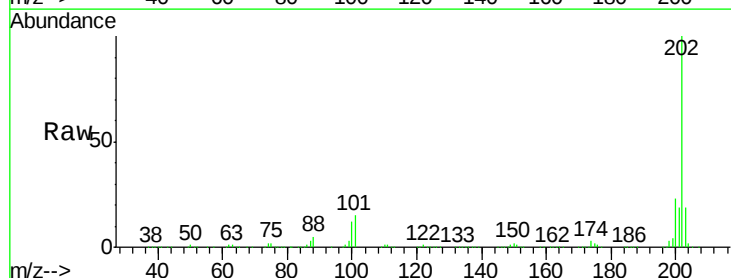
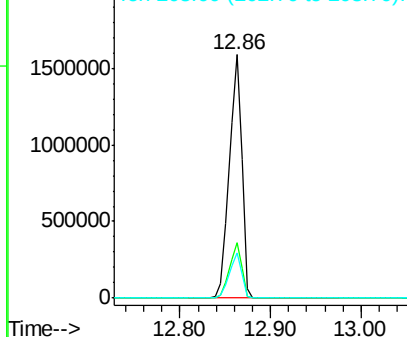
Delta R.T. 0.00 min

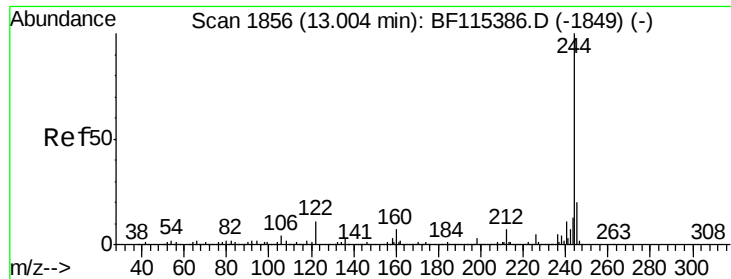
Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:	202	Resp:	1522853
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.6	26.4
203	18.6	14.7	22.1

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





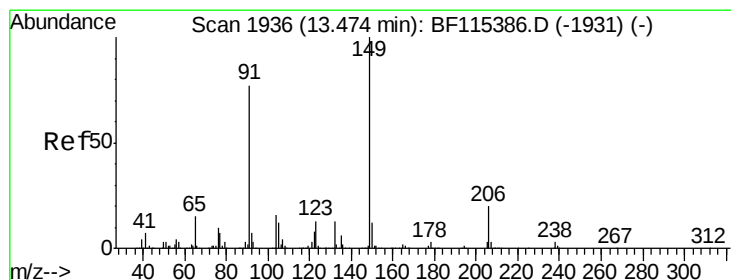
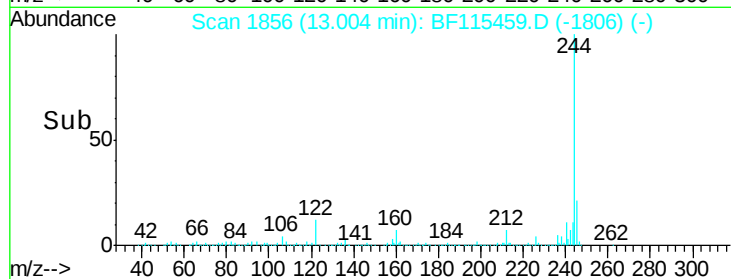
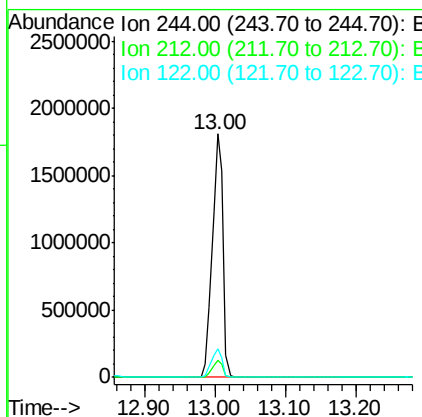
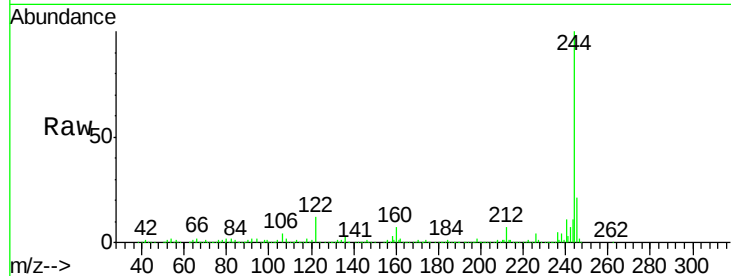
#79
 Terphenyl-d14
 Concen: 82.219 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.8	9.1	13.7

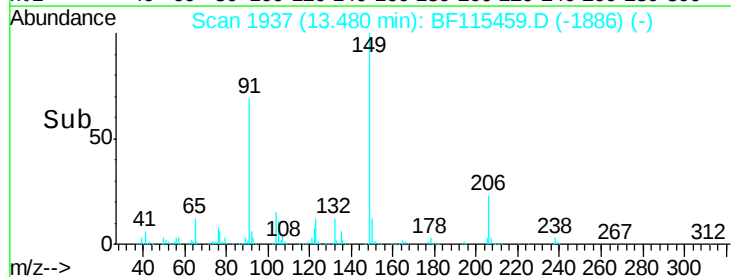
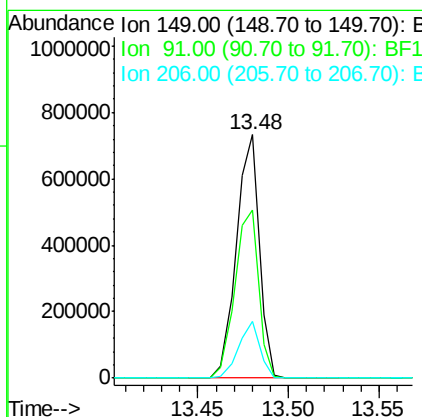
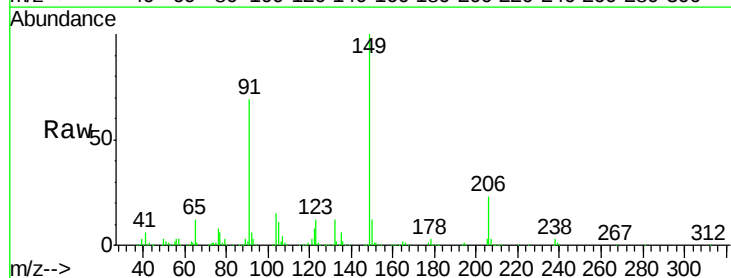
Manual Integrations
 APPROVED

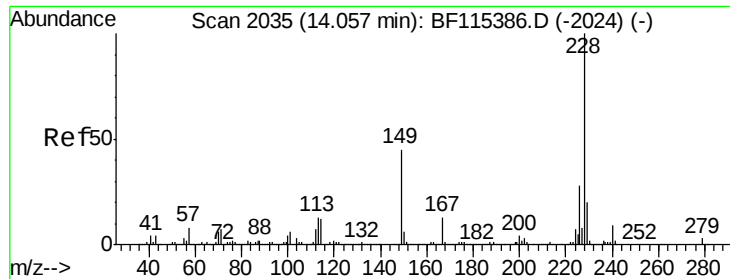
mohammad
 7/11/2019 5:22:14 PM



#80
 Butylbenzylphthalate
 Concen: 39.856 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.8	86.6
206	23.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 40.018 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1220006

Ion Ratio Lower Upper

228 100

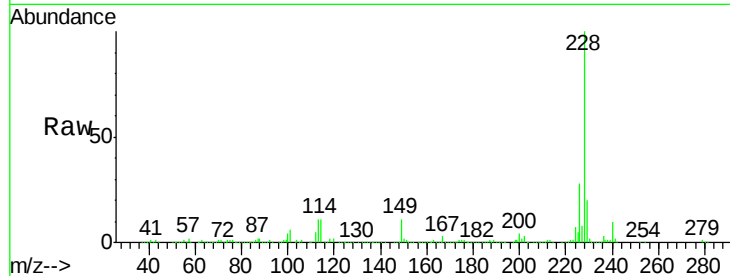
226 28.0 22.6 34.0

229 20.3 16.4 24.6

Manual Integrations
APPROVED

mohammad

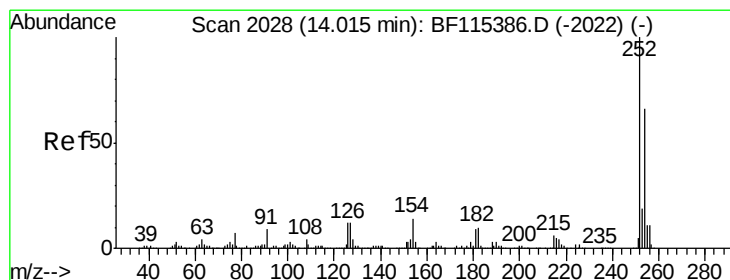
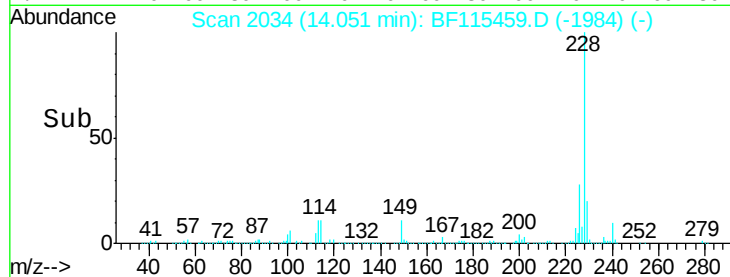
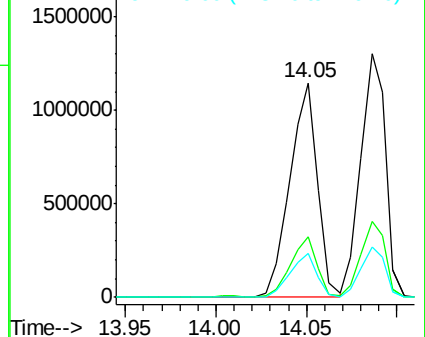
7/11/2019 5:22:14 PM



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: 41.215 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

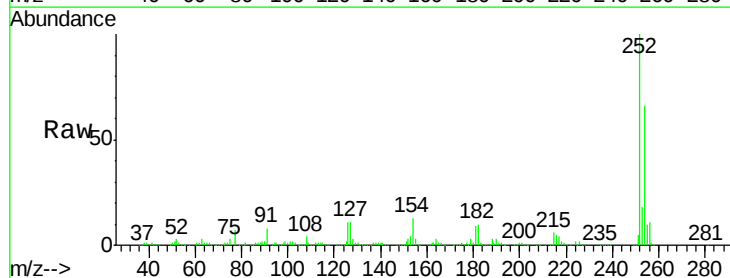
Tgt Ion:252 Resp: 455933

Ion Ratio Lower Upper

252 100

254 65.5 52.9 79.3

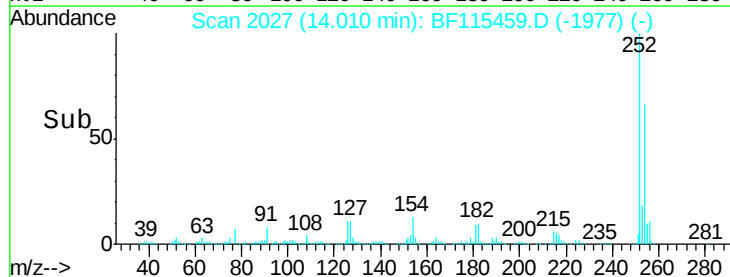
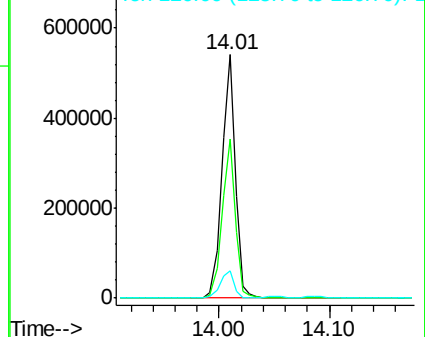
126 11.0 10.0 15.0

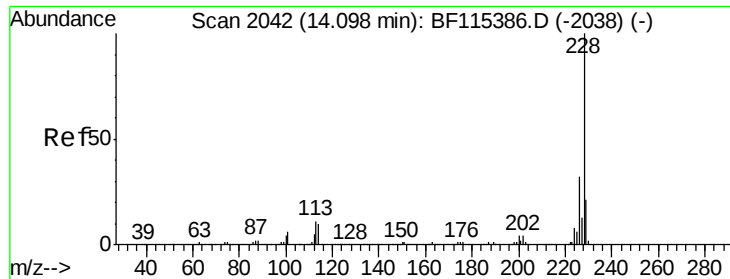


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





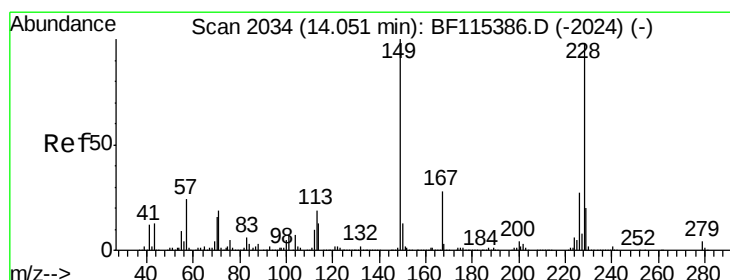
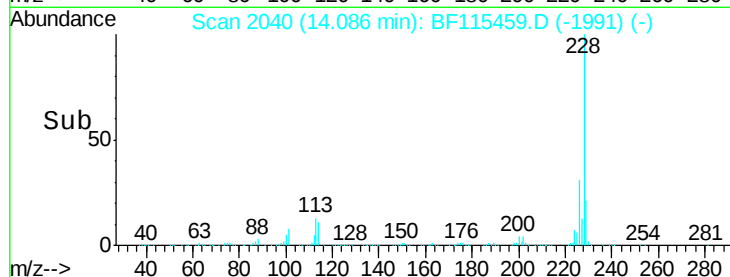
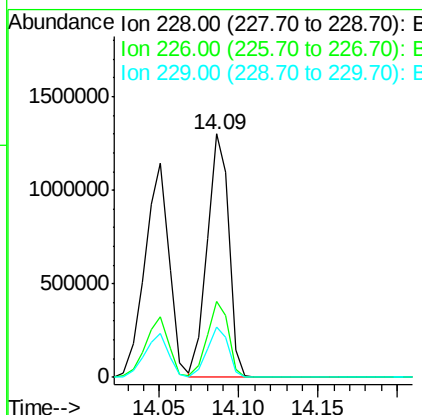
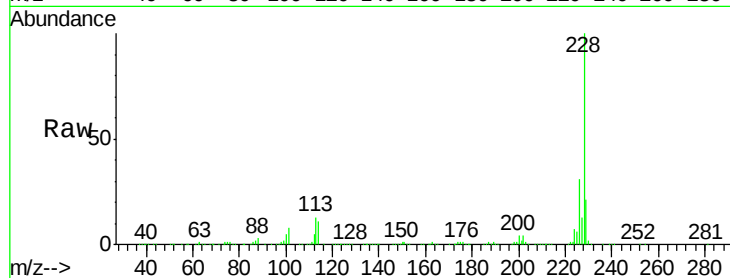
#83
Chrysene
Concen: 39.662 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 228 Resp: 1242383
Ion Ratio Lower Upper
228 100
226 31.3 25.1 37.7
229 20.6 16.1 24.1

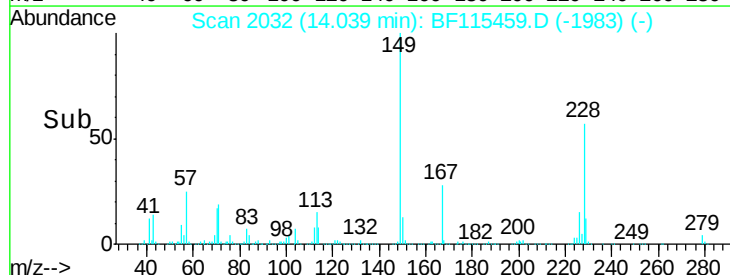
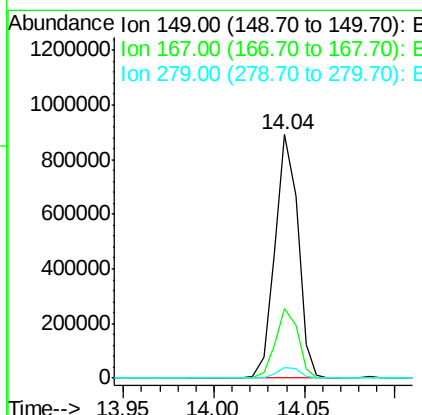
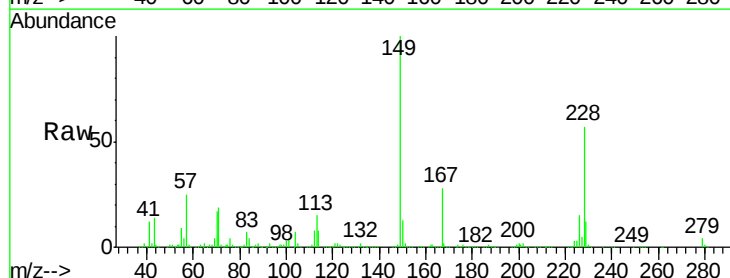
Manual Integrations
APPROVED

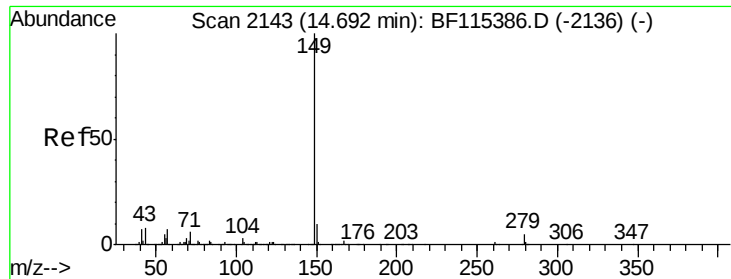
mohammad
7/11/2019 5:22:14 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.355 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 149 Resp: 787919
Ion Ratio Lower Upper
149 100
167 28.4 22.6 34.0
279 4.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 36.856 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1313596

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

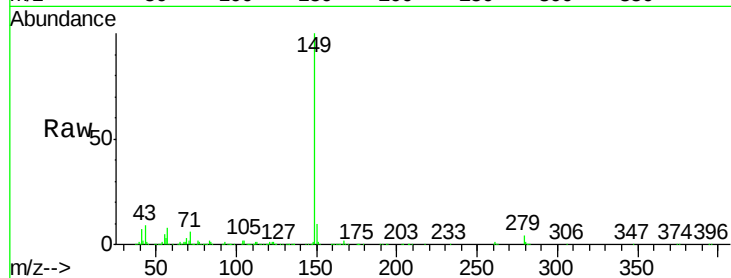
43 8.6 7.0 10.6

Manual Integrations

APPROVED

mohammad

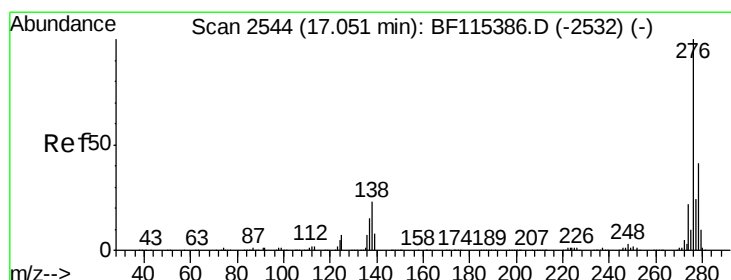
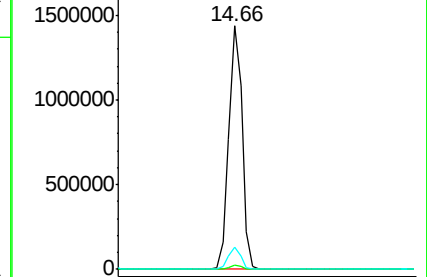
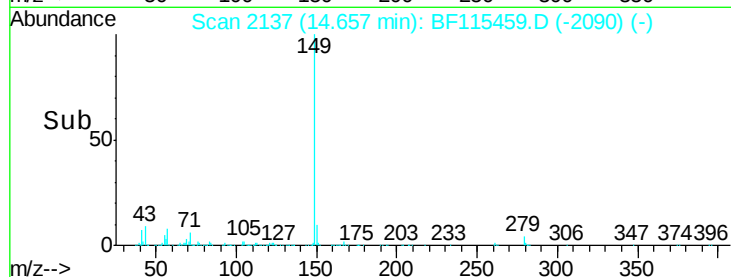
7/11/2019 5:22:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.680 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

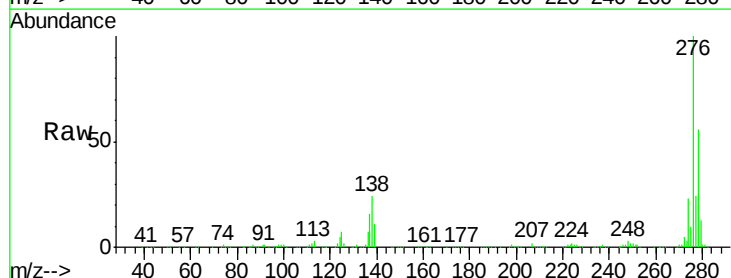
Tgt Ion:276 Resp: 1125051

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

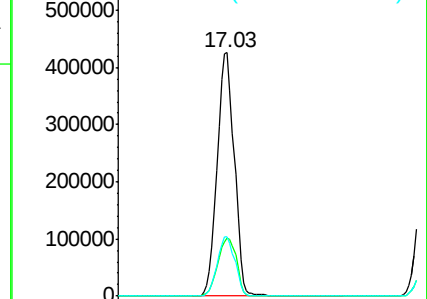
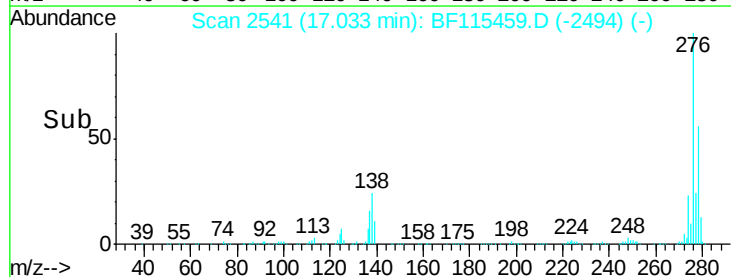
277 25.1 20.2 30.2

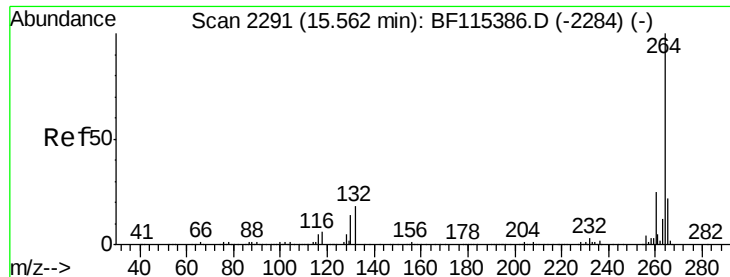


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





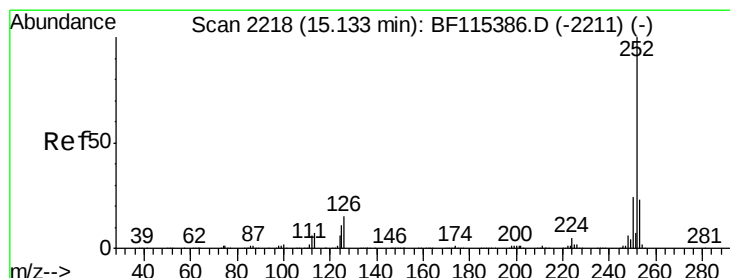
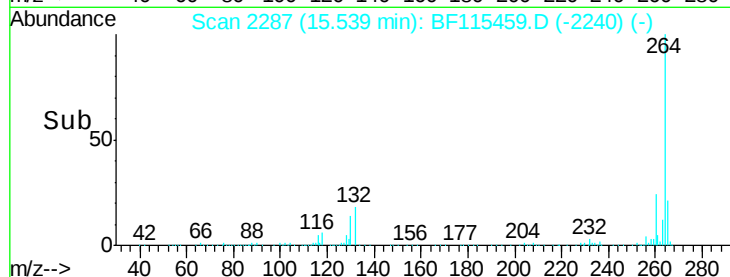
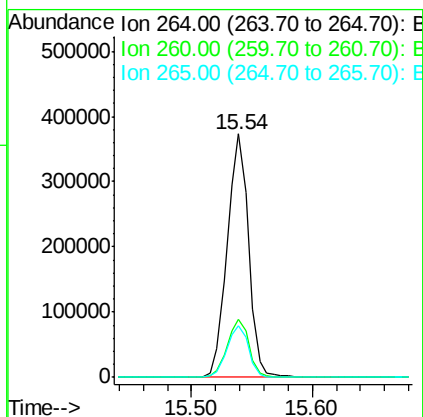
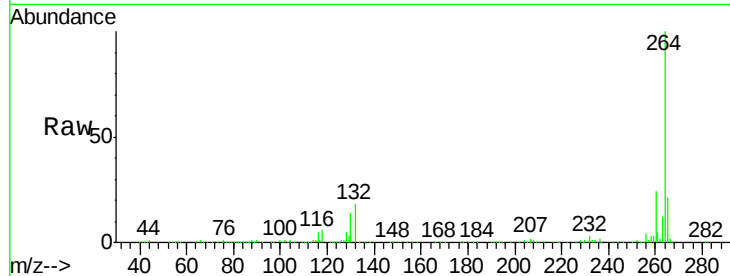
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.5	17.8	26.6

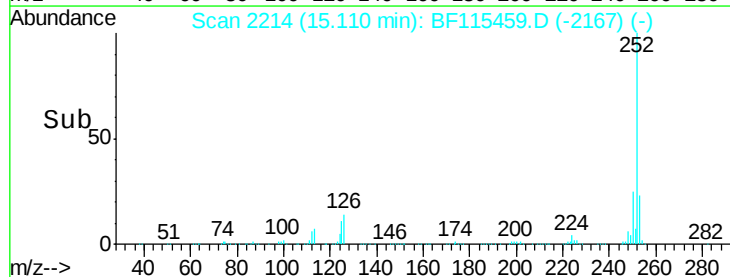
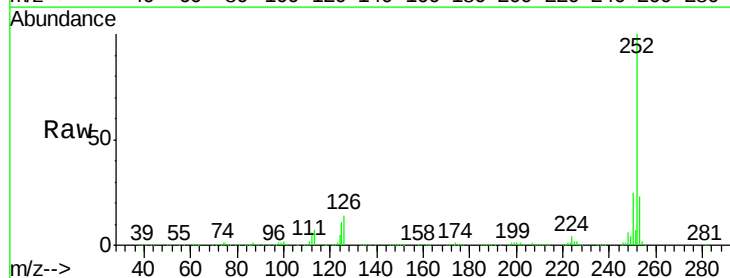
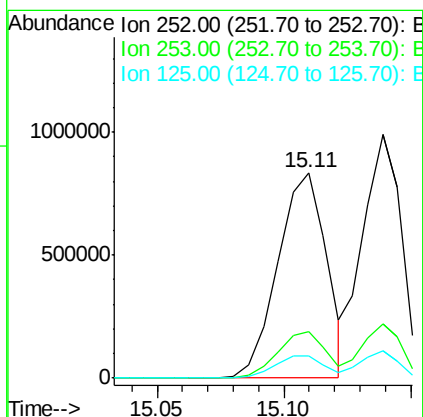
Manual Integrations
APPROVED

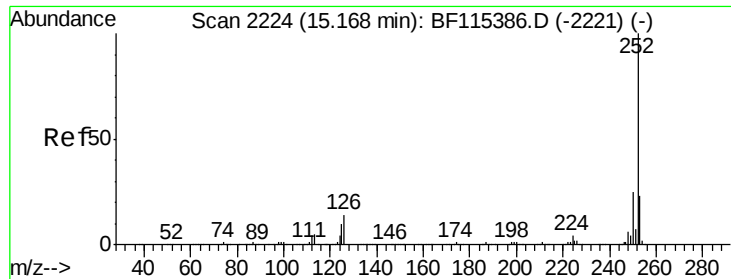
mohammad
7/11/2019 5:22:14 PM



#88
Benzo(b)fluoranthene
Concen: 37.177 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	8.5	12.7





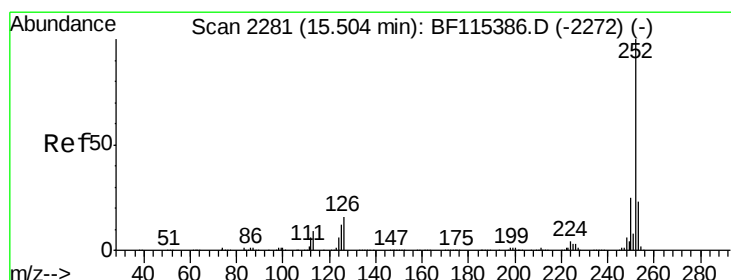
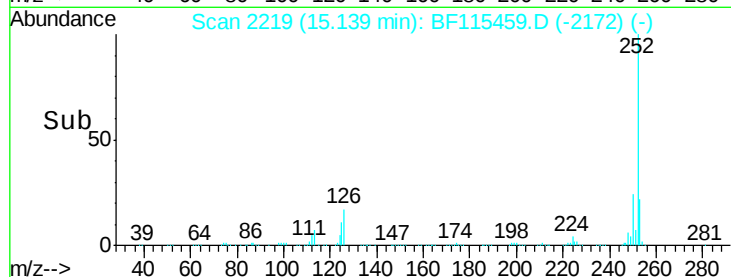
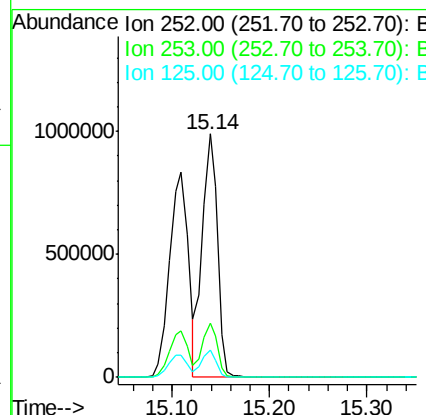
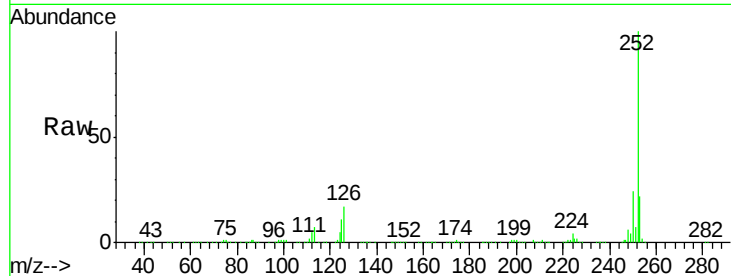
#89
Benzo(k)fluoranthene
Concen: 40.375 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1073234
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.1 8.6 13.0

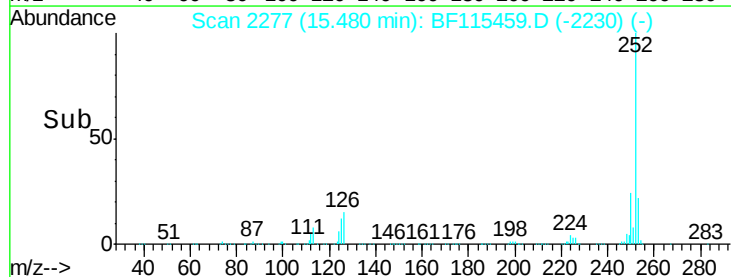
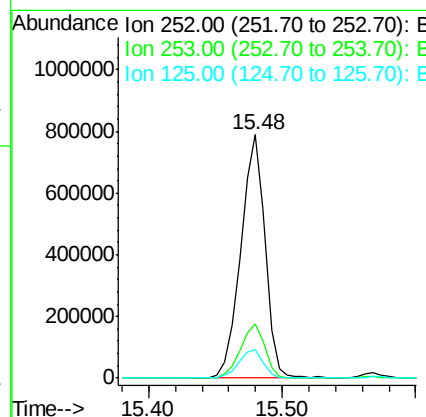
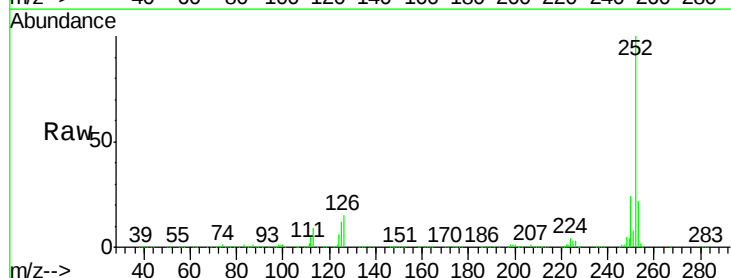
Manual Integrations
APPROVED

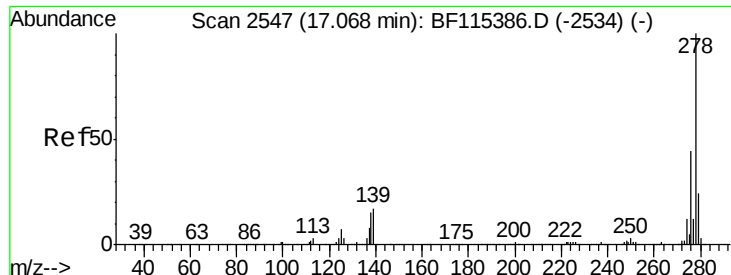
mohammad
7/11/2019 5:22:14 PM



#90
Benzo(a)pyrene
Concen: 38.744 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 252 Resp: 998789
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.8 9.7 14.5





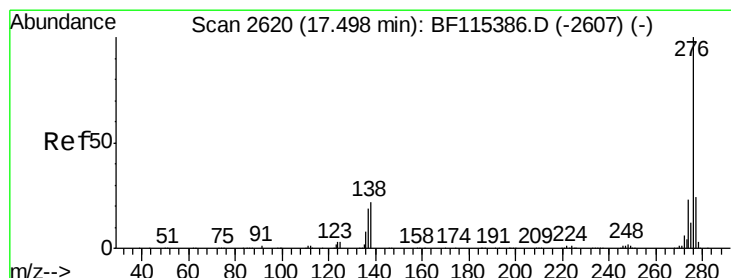
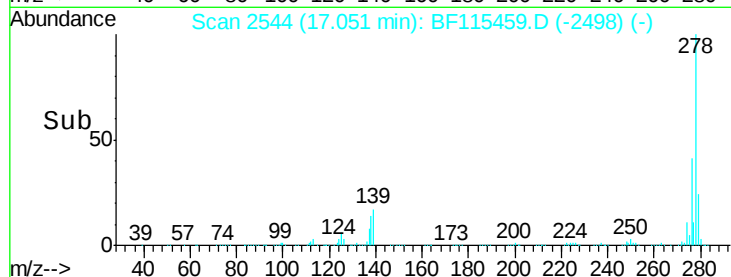
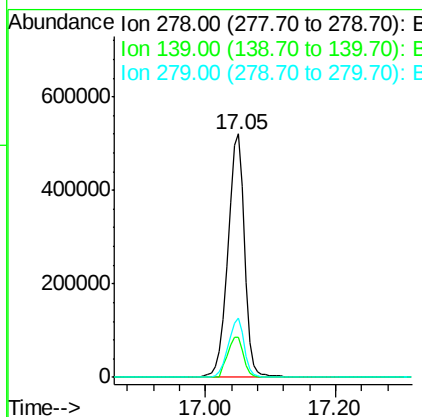
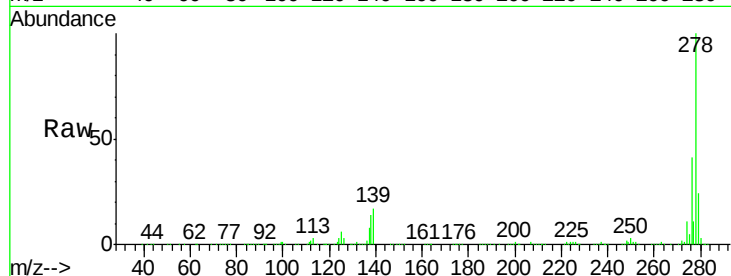
#91
Dibenzo(a,h)anthracene
Concen: 41.845 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:14 PM



#92
Benzo(g,h,i)perylene
Concen: 43.476 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.4	17.8	26.8

