

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115082.D
 Acq On : 21 Jun 2019 16:25
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:08 PM

Quant Time: Jun 21 17:55:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	194831	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	807341	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	398355	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	790612	20.00	ng	0.00
76) Chrysene-d12	13.75	240	501120	20.00	ng	0.00
87) Perylene-d12	15.12	264	688354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2221076	190.36	ng	0.01
7) Phenol-d6	6.27	99	2620996	186.22	ng	0.02
23) Nitrobenzene-d5	7.20	82	2430401	181.20	ng	0.01
42) 2,4,6-Tribromophenol	10.44	330	739396	173.33	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.72	244	4147821	155.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	569101	104.200	ng	99
3) Pyridine	2.87	79	1638445	106.553	ng	98
4) n-Nitrosodimethylamine	2.83	42	637703	116.812	ng	99
6) Aniline	6.30	93	1831677	97.175	ng	99
8) 2-Chlorophenol	6.41	128	1249704	94.456	ng	99
9) Benzaldehyde	6.17	77	803132	99.254	ng	99
10) Phenol	6.28	94	1569104	99.642	ng	91
11) bis(2-Chloroethyl)ether	6.37	93	1157068	94.667	ng	98
12) 1,3-Dichlorobenzene	6.57	146	1378820	89.223	ng	99
13) 1,4-Dichlorobenzene	6.64	146	1368013	88.053	ng	97
14) 1,2-Dichlorobenzene	6.80	146	1212404	82.889	ng	97
15) Benzyl Alcohol	6.78	79	906563	85.967	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1709919	104.527	ng	99
17) 2-Methylphenol	6.88	107	1091642	98.921	ng	99
18) Hexachloroethane	7.14	117	510664	91.016	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	894824	104.638	ng	98
20) 3+4-Methylphenols	7.05	107	1126804	85.793	ng	# 76
22) Acetophenone	7.04	105	1607222	87.944	ng	# 97
24) Nitrobenzene	7.21	77	1324386	97.048	ng	99
25) Isophorone	7.46	82	2535433	100.928	ng	100
26) 2-Nitrophenol	7.52	139	720793	94.760	ng	97
27) 2,4-Dimethylphenol	7.57	122	1072563	97.745	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1516876	94.115	ng	98
29) 2,4-Dichlorophenol	7.77	162	1104800	95.306	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	1191321	88.941	ng	99
31) Naphthalene	7.93	128	3249779	85.076	ng	97
32) Benzoic acid	7.74	122	979951	123.427	ng	99
33) 4-Chloroaniline	7.98	127	1663999	94.370	ng	98
34) Hexachlorobutadiene	8.05	225	631671	84.843	ng	98
35) Caprolactam	8.39	113	427532m	110.734	ng	
36) 4-Chloro-3-methylphenol	8.47	107	1122277	96.069	ng	98
37) 2-Methylnaphthalene	8.62	142	2232552	87.628	ng	97
38) 1-Methylnaphthalene	8.72	142	2110420	87.643	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	933363	79.308	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115082.D
 Acq On : 21 Jun 2019 16:25
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:08 PM

Quant Time: Jun 21 17:55:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	585514	100.964	nq	99
43) 2,4,6-Trichlorophenol	8.90	196	811682	92.339	nq	100
44) 2,4,5-Trichlorophenol	8.94	196	819342	92.233	nq	99
47) 2-Chloronaphthalene	9.11	162	2169896	84.060	nq	95
48) 2-Nitroaniline	9.20	65	728148	95.434	nq	95
49) Acenaphthylene	9.52	152	3277823	82.588	nq	97
50) Dimethylphthalate	9.40	163	2562844	85.548	nq	99
51) 2,6-Dinitrotoluene	9.45	165	662180	97.443	nq	99
52) Acenaphthene	9.70	154	2144775	94.454	nq	99
53) 3-Nitroaniline	9.62	138	778832	93.542	nq	99
54) 2,4-Dinitrophenol	9.71	184	360908	109.493	nq	93
56) 4-Nitrophenol	9.78	139	652973	113.726	nq	93
57) 2,4-Dinitrotoluene	9.85	165	830651	96.036	nq	# 88
59) 2,3,4,6-Tetrachlorophenol	9.98	232	684264	95.359	nq	99
60) Diethylphthalate	10.10	149	2573179	89.831	nq	98
62) 4-Nitroaniline	10.24	138	822464	98.248	nq	97
63) Azobenzene	10.36	77	2329481	92.957	nq	98
65) 4,6-Dinitro-2-methylphenol	10.26	198	443528	100.091	nq	93
66) n-Nitrosodiphenylamine	10.32	169	2068321	87.519	nq	98
67) 4-Bromophenyl-phenylether	10.68	248	749835	88.332	nq	99
68) Hexachlorobenzene	10.75	284	805524	86.192	nq	96
69) Atrazine	10.85	200	699672	91.825	nq	99
70) Pentachlorophenol	10.94	266	548338	108.038	nq	97
73) Carbazole	11.36	167	3215061	89.446	nq	97
74) Di-n-butylphthalate	11.71	149	3570652	78.797	nq	98
75) Fluoranthene	12.34	202	3443900	82.507	nq	99
77) Benzidine	12.46	184	1847952	91.171	nq	# 91
78) Pvrene	12.56	202	3626417	79.438	nq	96
80) Butylbenzylphthalate	13.20	149	1740526	81.628	nq	99
81) Benzo(a)anthracene	13.74	228	3463973	92.373	nq	97
82) 3,3'-Dichlorobenzidine	13.72	252	1213213	84.386	nq	98
83) Chrysene	13.79	228	3058350	82.015	nq	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	2128639	84.466	nq	# 98
85) Di-n-octyl phthalate	14.38	149	3601838	82.997	nq	99
86) Indeno(1,2,3-cd)pyrene	16.42	276	3971013	121.229	nq	99
88) Benzo(b)fluoranthene	14.75	252	4146545	90.616	nq	98
90) Benzo(a)pyrene	15.08	252	3447821	87.319	nq	99
91) Dibenzo(a,h)anthracene	16.44	278	3083228	90.671	nq	99
92) Benzo(g,h,i)perylene	16.81	276	3185036	91.842	nq	97

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

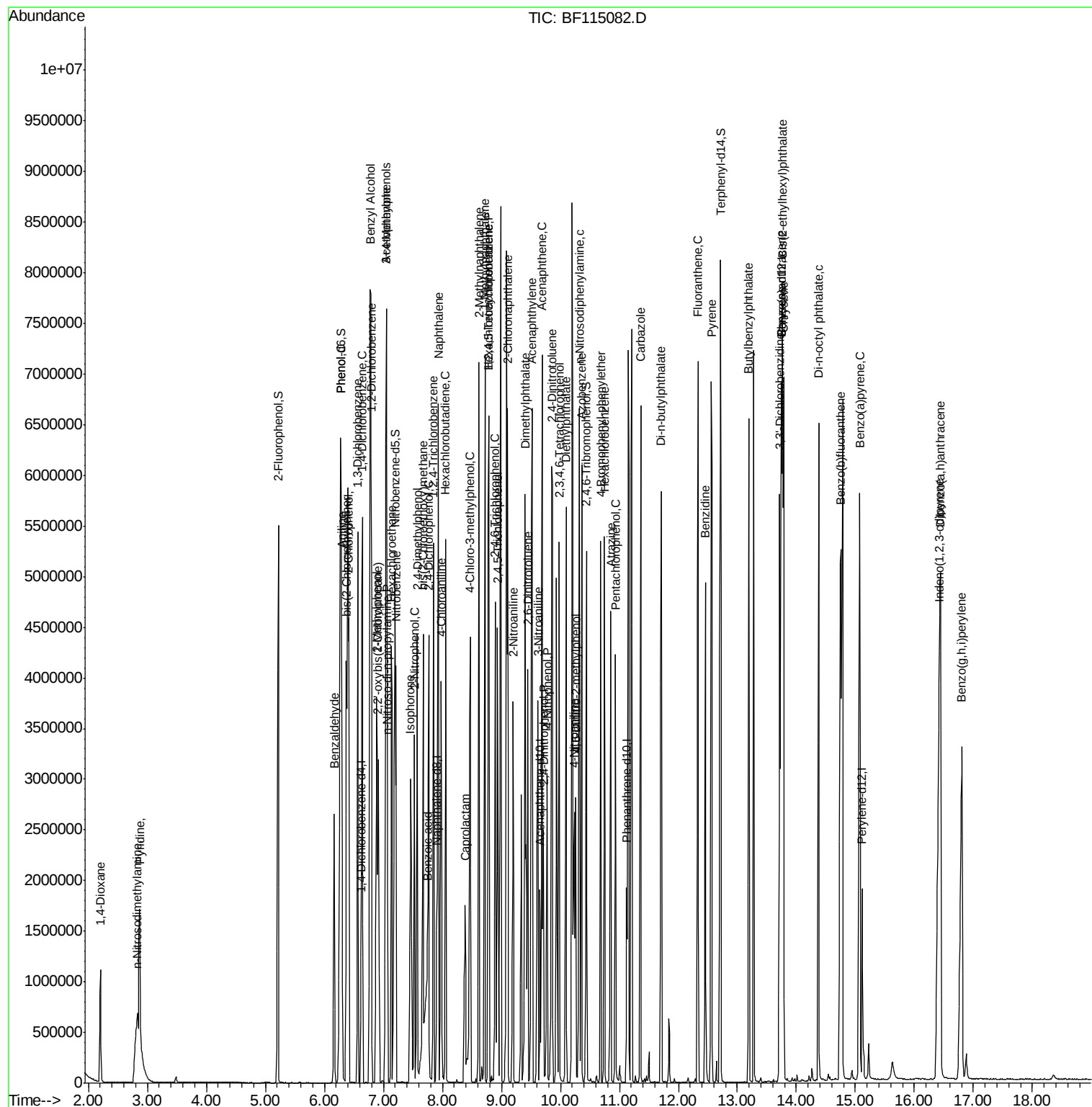
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115082.D
 Acq On : 21 Jun 2019 16:25
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

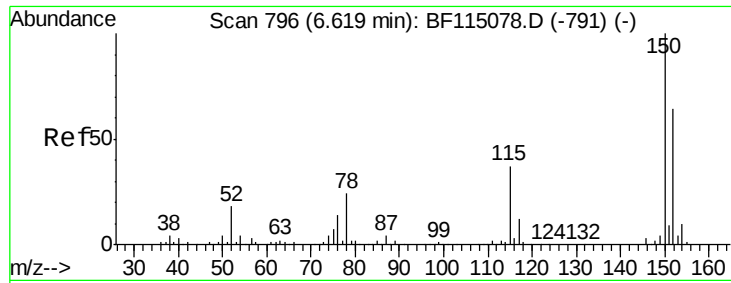
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:08 PM

Quant Time: Jun 21 17:55:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration





#1

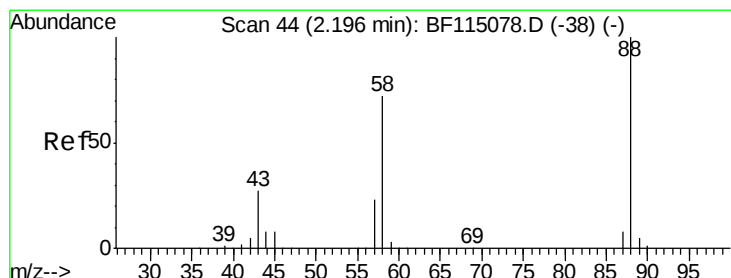
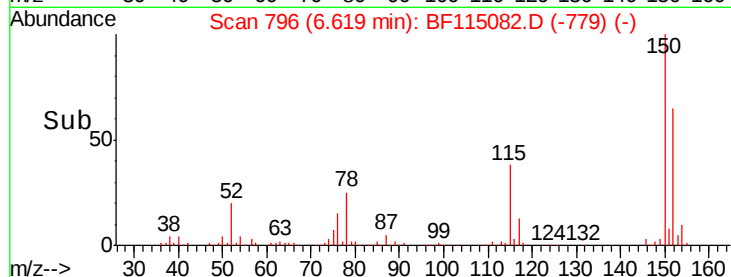
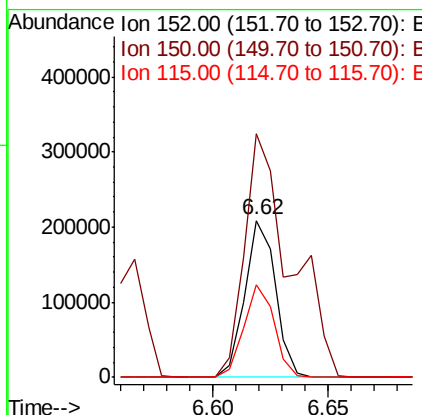
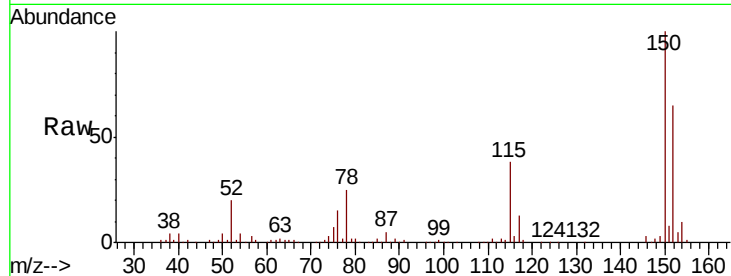
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	59.0	46.1	69.1

Manual Integrations
APPROVED

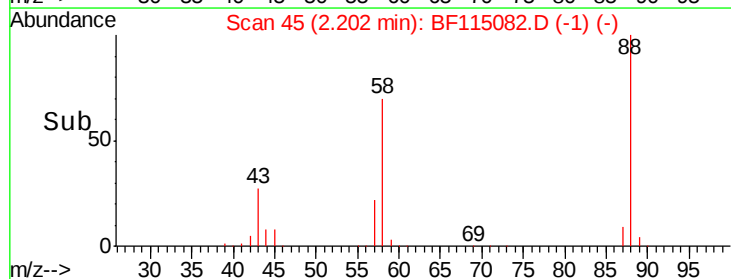
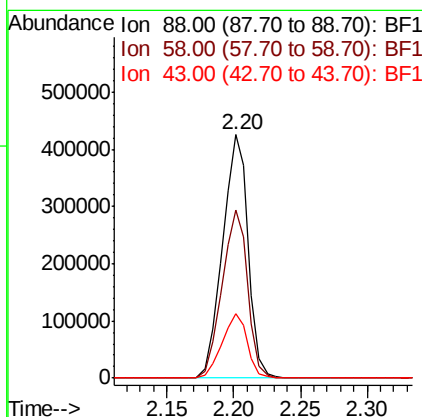
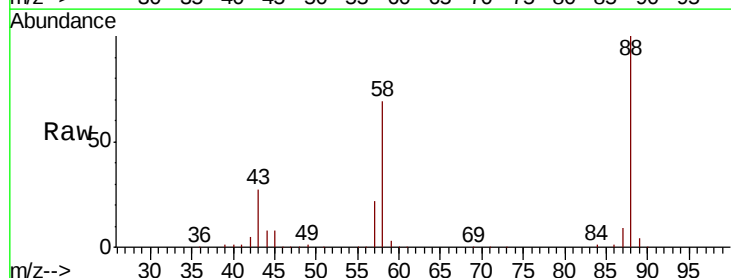
mohammad
6/25/2019 12:41:08 PM

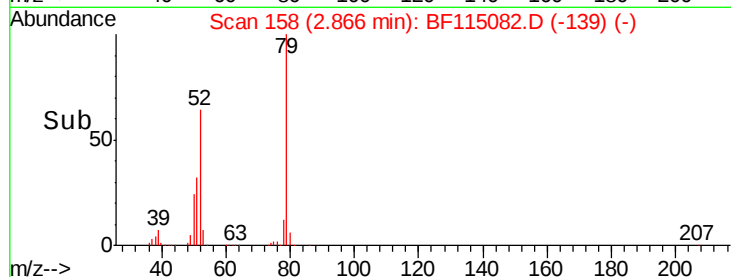
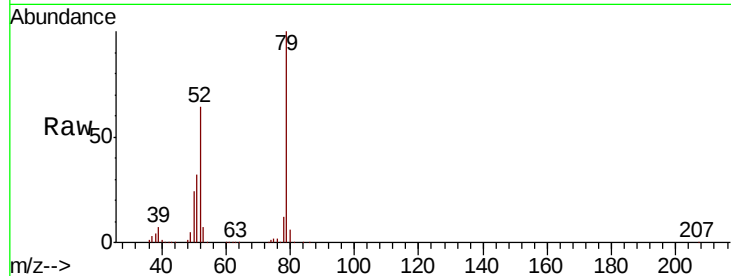
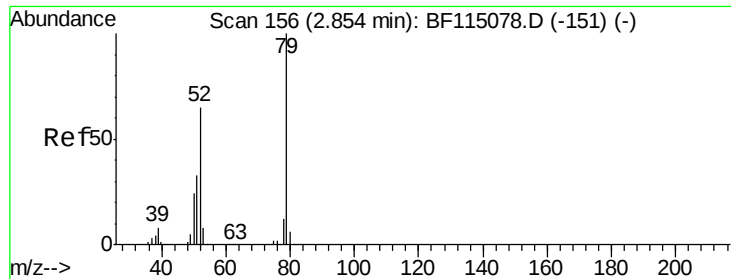


#2

1,4-Dioxane
Concen: 104.200 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	26.2	21.3	31.9





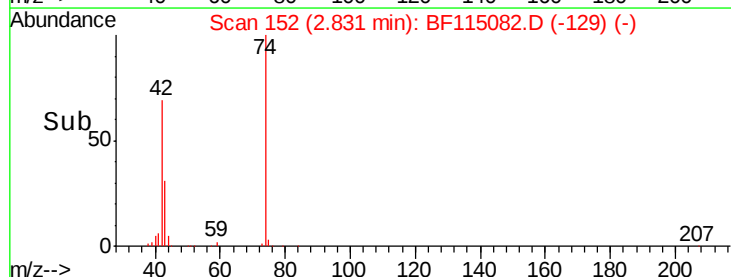
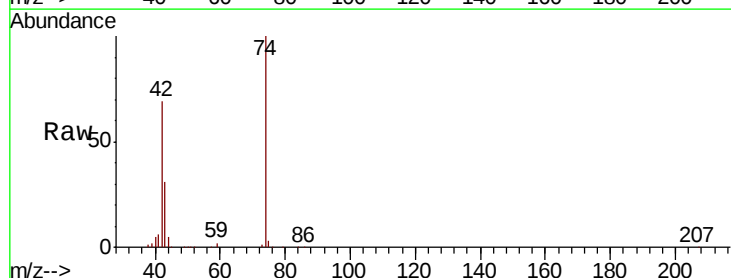
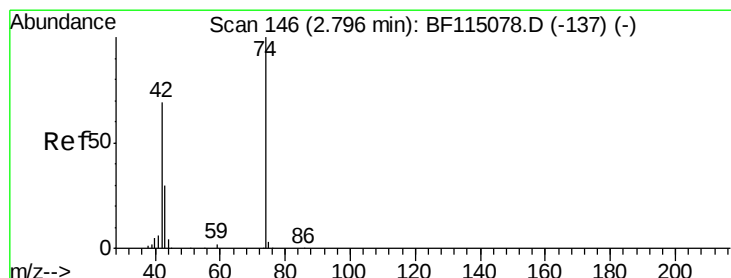
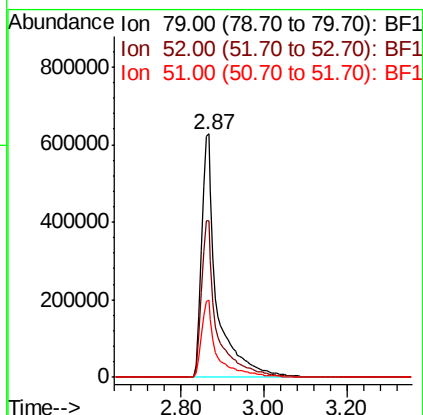
#3
Pvridine
Concen: 106.553 ng
RT: 2.87 min Scan# 158
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tot Ion: 79 Resp: 1638445
Ion Ratio Lower Upper
79 100
52 64.1 52.3 78.5
51 31.6 26.1 39.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

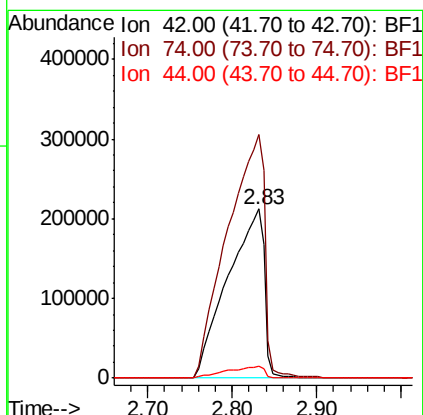
Manual Integrations
APPROVED

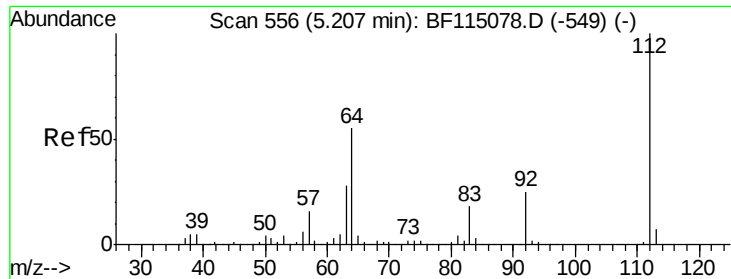
mohammad
6/25/2019 12:41:08 PM



#4
n-Nitrosodimethylamine
Concen: 116.812 ng
RT: 2.83 min Scan# 152
Delta R.T. 0.04 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion: 42 Resp: 637703
Ion Ratio Lower Upper
42 100
74 144.2 116.6 175.0
44 7.0 5.3 7.9





#5

2-Fluorophenol

Concen: 190.356 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:112 Resp: 2221076

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

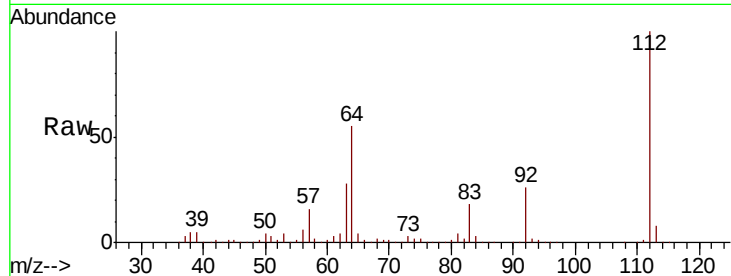
63 28.1 22.2 33.4

Manual Integrations

APPROVED

mohammad

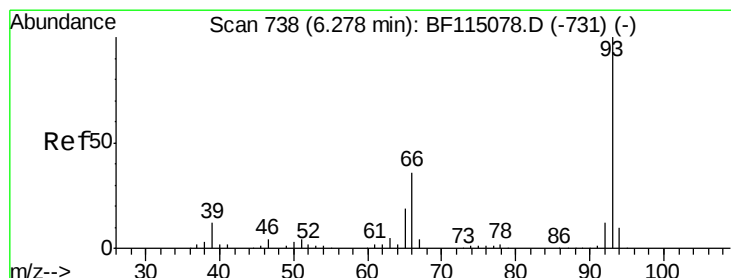
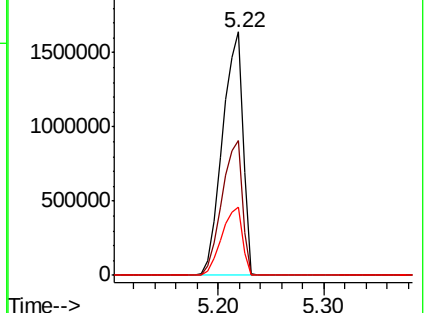
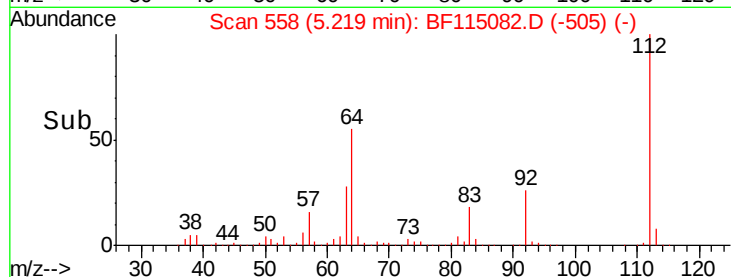
6/25/2019 12:41:08 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 97.175 ng

RT: 6.30 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

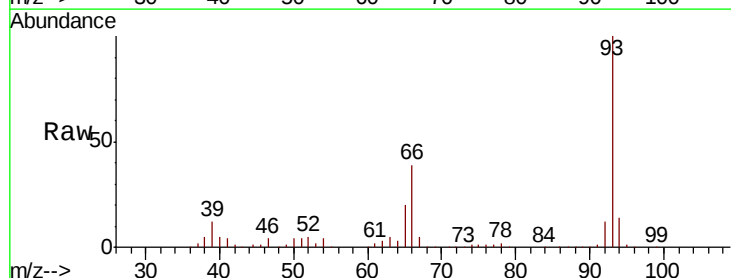
Tgt Ion: 93 Resp: 1831677

Ion Ratio Lower Upper

93 100

66 38.7 30.0 45.0

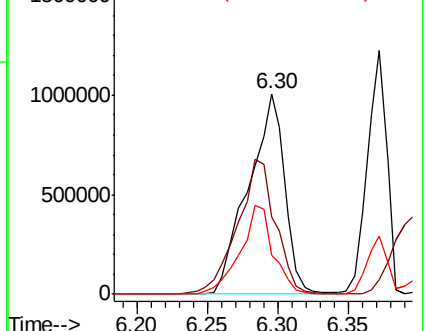
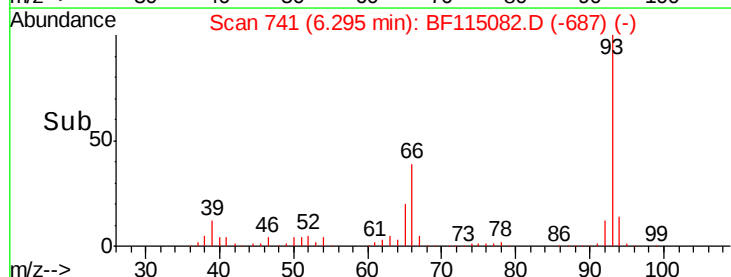
65 19.7 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 186.217 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 99 Resp: 2620996

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

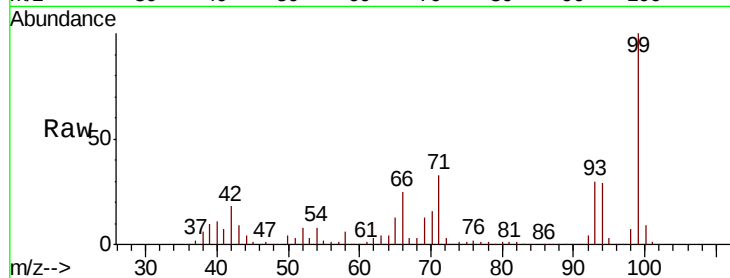
71 33.2 25.5 38.3

Manual Integrations

APPROVED

mohammad

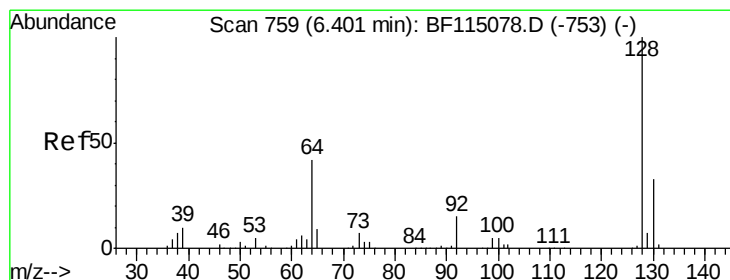
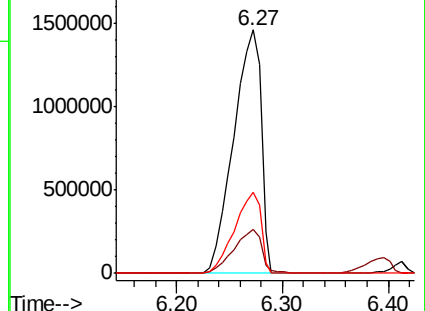
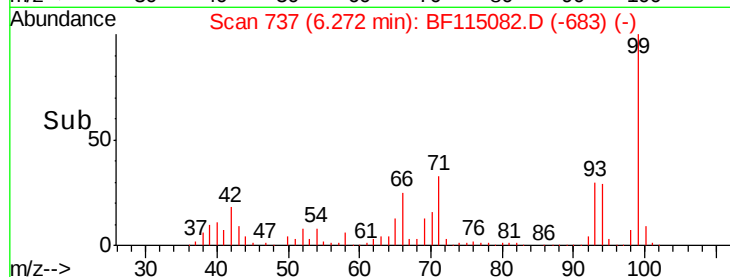
6/25/2019 12:41:08 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 94.456 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

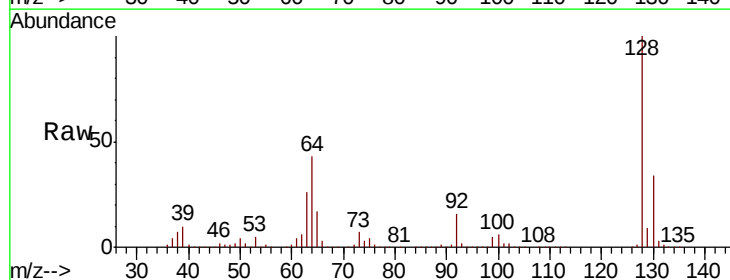
Tgt Ion:128 Resp: 1249704

Ion Ratio Lower Upper

128 100

130 34.1 12.9 52.9

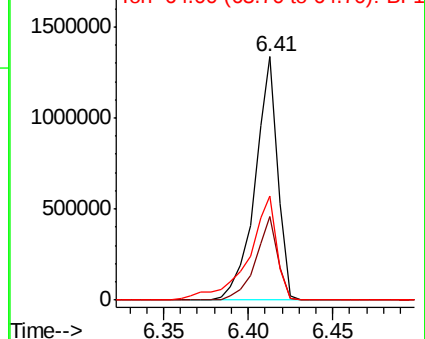
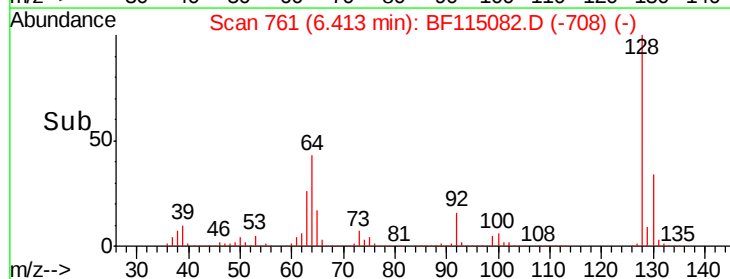
64 42.7 22.9 62.9

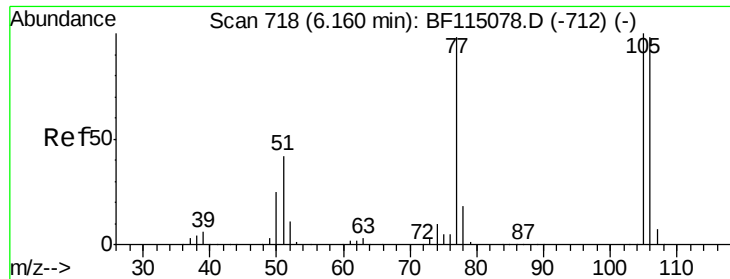


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 99.254 ng

RT: 6.17 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

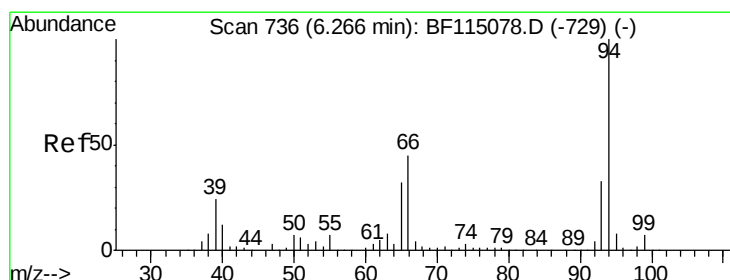
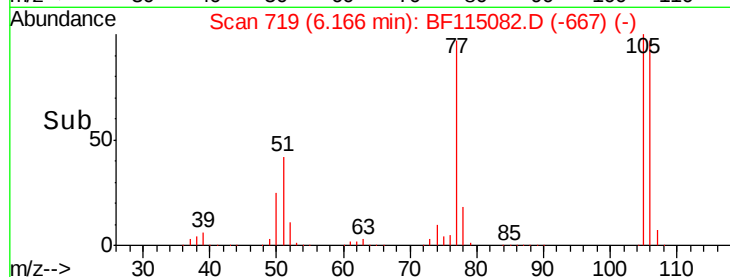
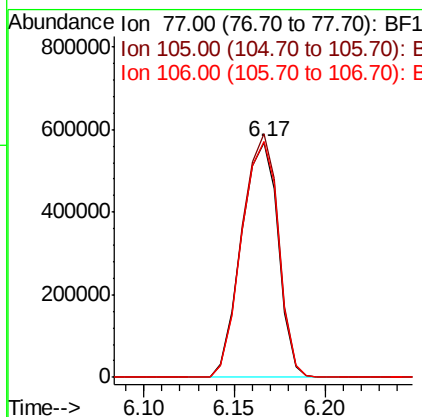
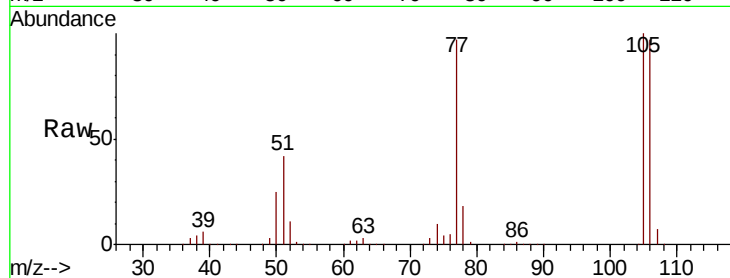
ClientSampleId :

SSTDICC100

Tot Ion:	77	Resp:	803132
Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.5	121.5
106	100.6	79.7	119.7

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM



#10

Phenol

Concen: 99.642 ng

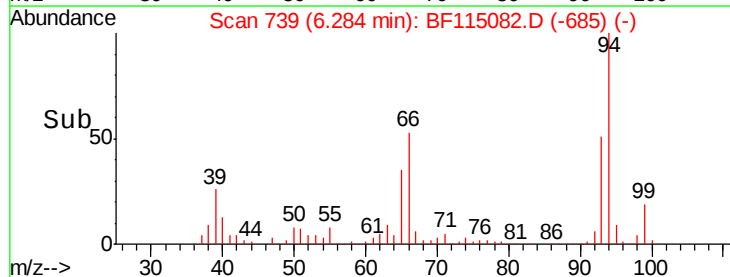
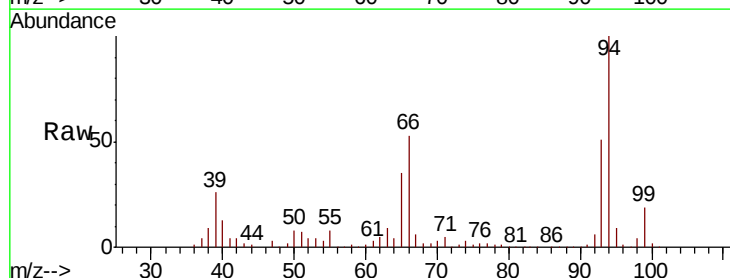
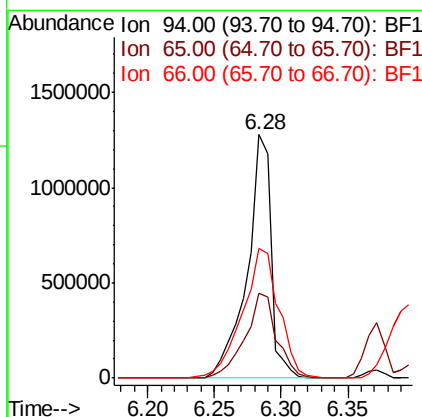
RT: 6.28 min Scan# 739

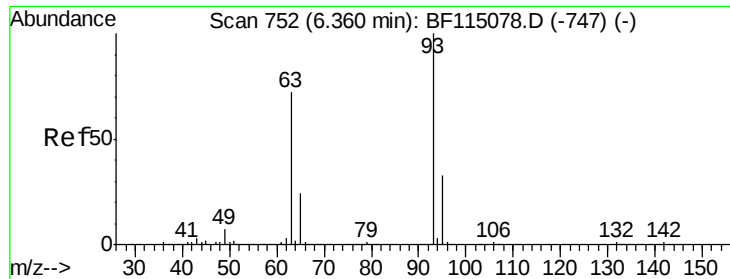
Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:	94	Resp:	1569104
Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.9	51.9
66	53.1	25.2	65.2





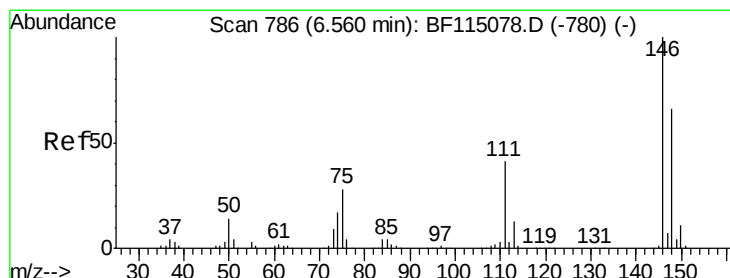
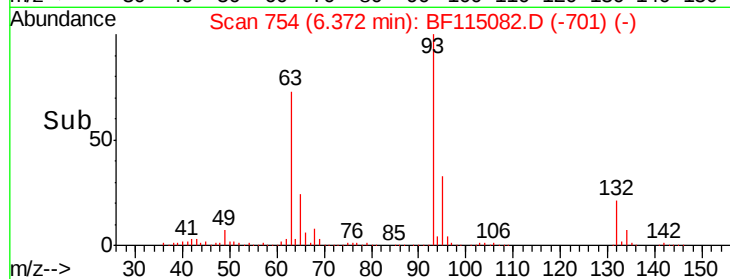
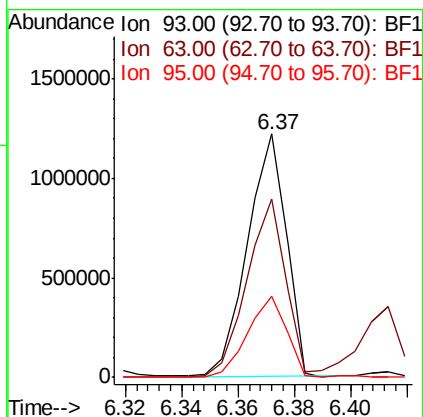
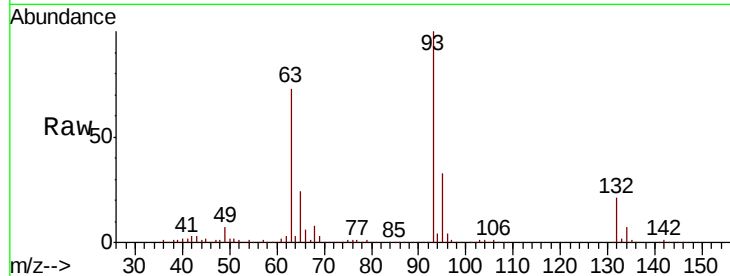
#11
bis(2-Chloroethyl)ether
Concen: 94.667 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	51.5	91.5
95	33.4	13.4	53.4

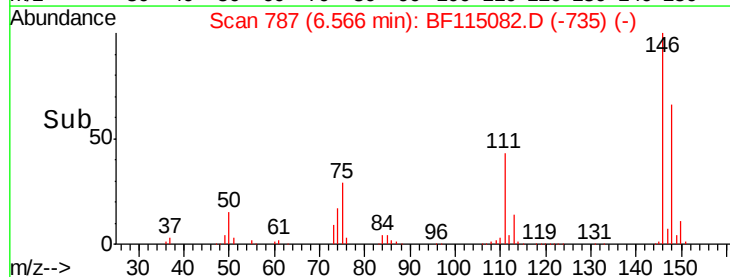
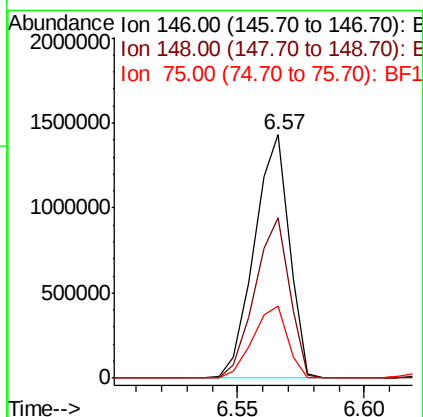
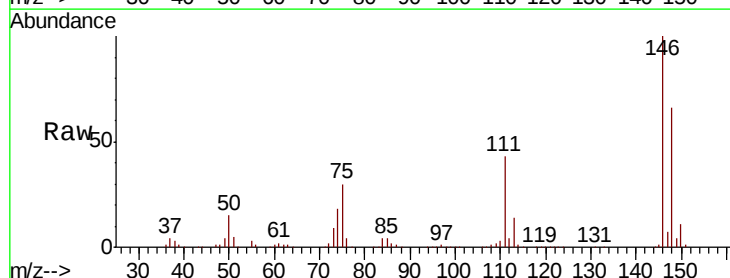
Manual Integrations
APPROVED

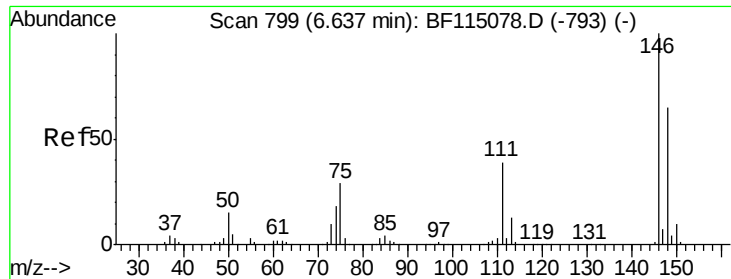
mohammad
6/25/2019 12:41:08 PM



#12
1,3-Dichlorobenzene
Concen: 89.223 ng
RT: 6.57 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	29.5	22.6	34.0





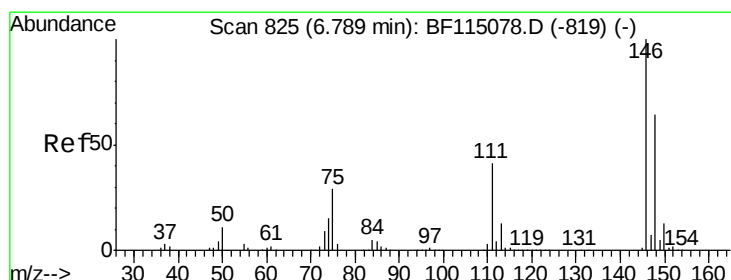
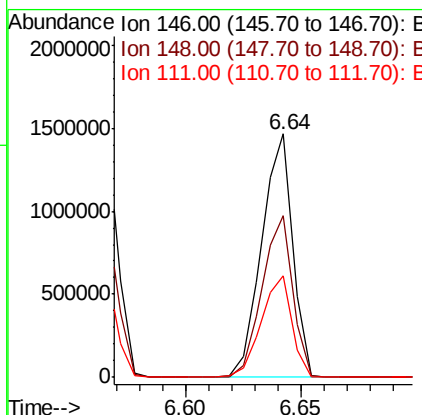
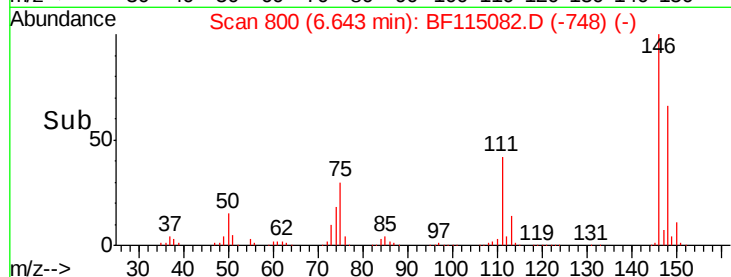
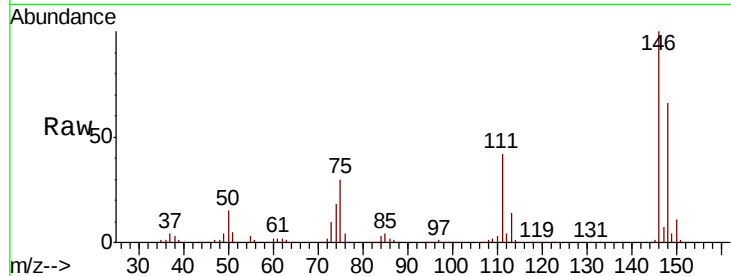
#13
1,4-Dichlorobenzene
Concen: 88.053 ng
RT: 6.64 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:146 Resp: 1368013
Ion Ratio Lower Upper
146 100
148 66.2 51.9 77.9
111 42.0 31.4 47.0

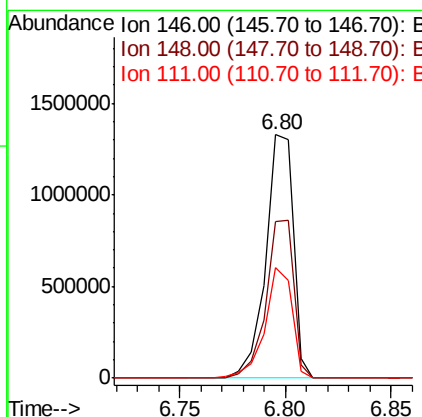
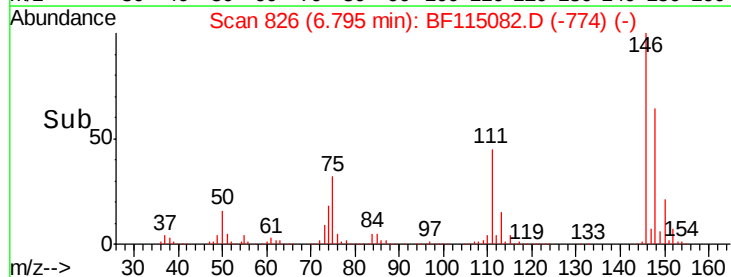
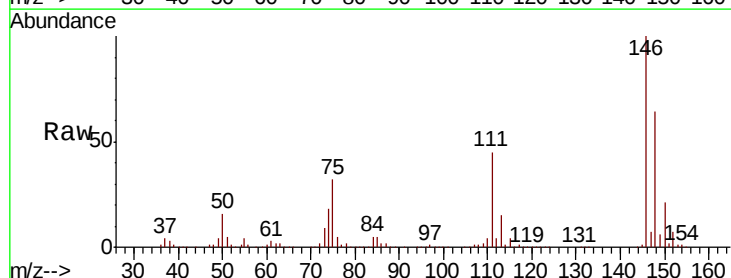
Manual Integrations
APPROVED

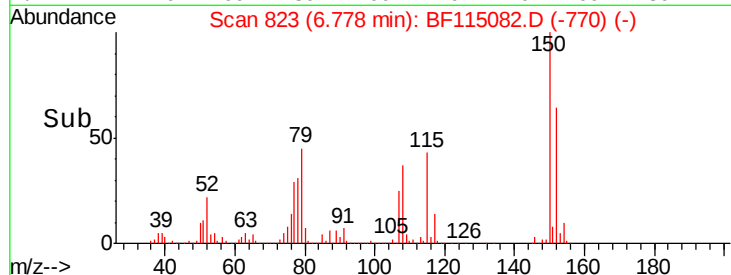
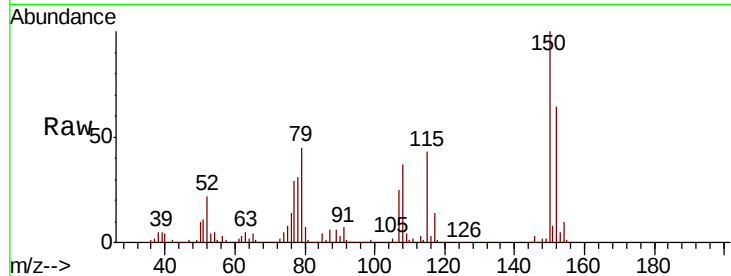
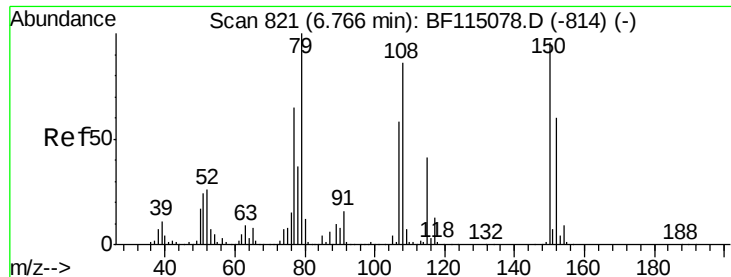
mohammad
6/25/2019 12:41:08 PM



#14
1,2-Dichlorobenzene
Concen: 82.889 ng
RT: 6.80 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:146 Resp: 1212404
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 45.2 33.2 49.8





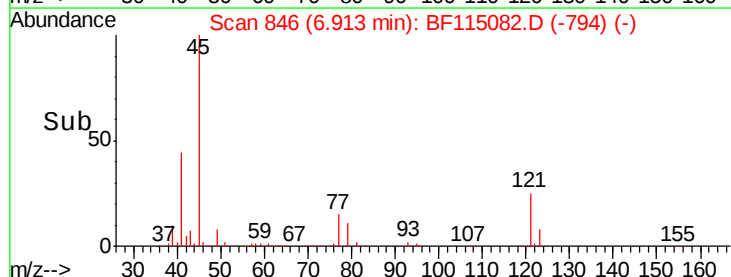
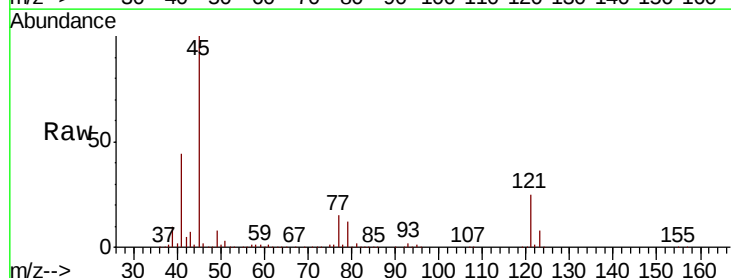
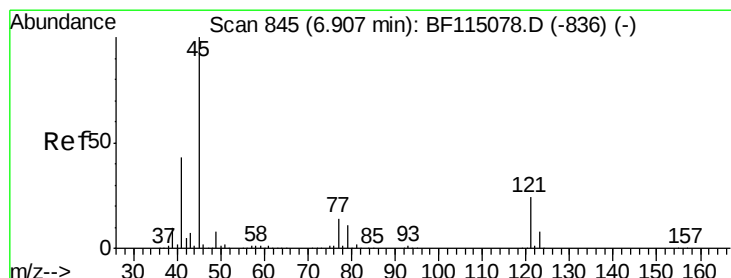
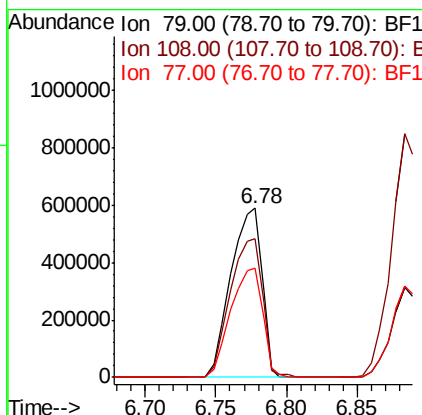
#15
Benzyl Alcohol
Concen: 85.967 ng
RT: 6.78 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tot Ion: 79 Resp: 906563
Ion Ratio Lower Upper
79 100
108 81.8 68.7 103.1
77 64.4 51.7 77.5

Instrument :
BNA_F
ClientSampleID :
SSTDICC100

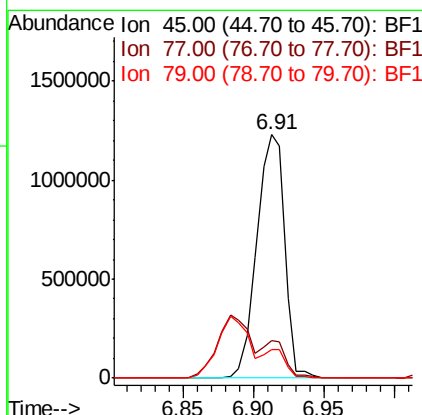
Manual Integrations
APPROVED

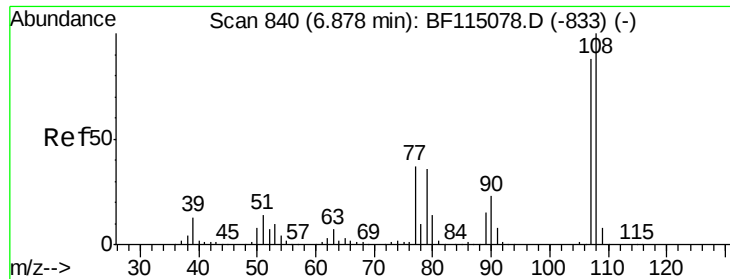
mohammad
6/25/2019 12:41:08 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 104.527 ng
RT: 6.91 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion: 45 Resp: 1709919
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.5 0.0 31.2





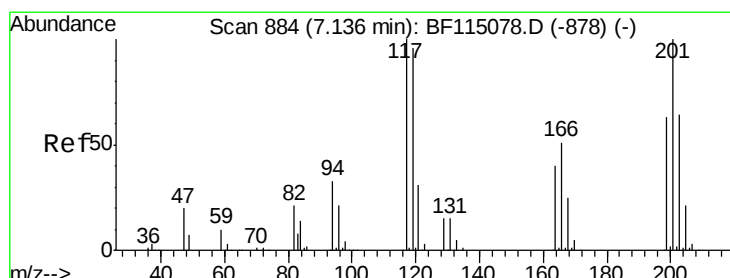
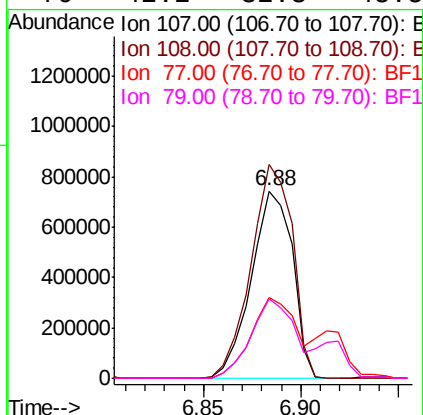
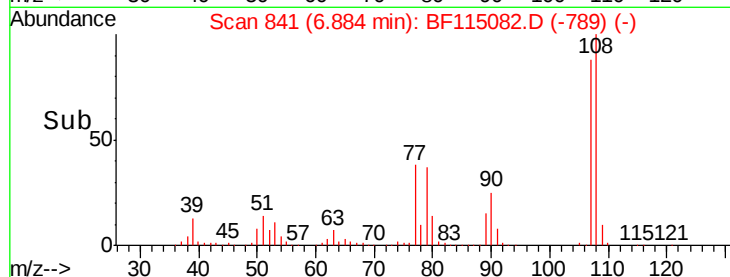
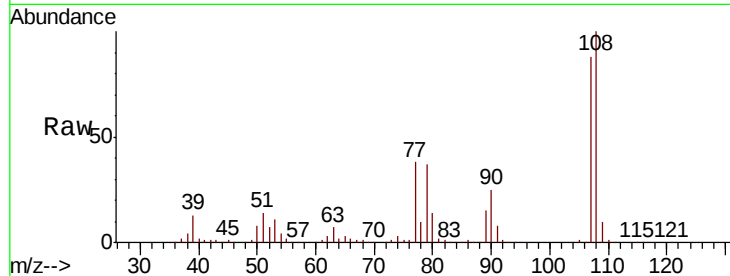
#17
2-Methylphenol
Concen: 98.921 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:	107	Resp:	1091642
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	43.1	33.4	50.2
79	42.2	32.3	48.5

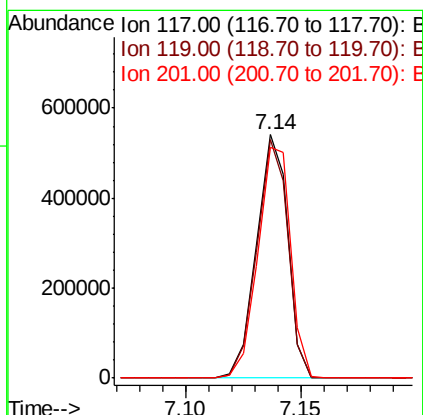
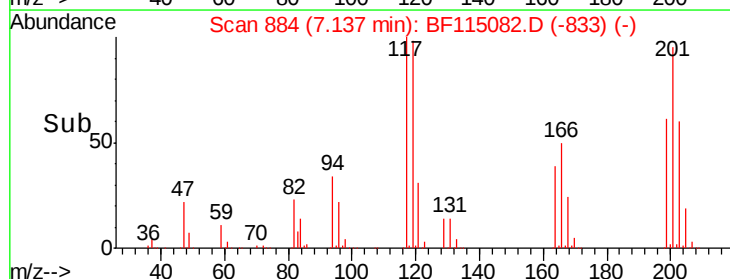
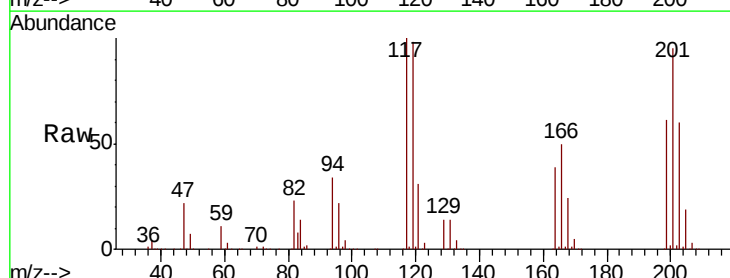
Manual Integrations
APPROVED

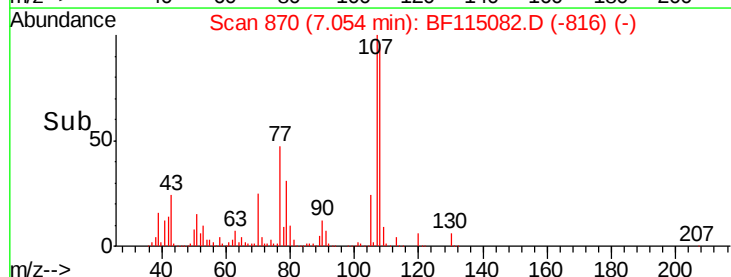
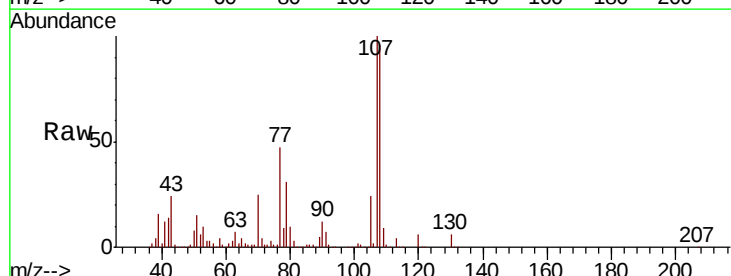
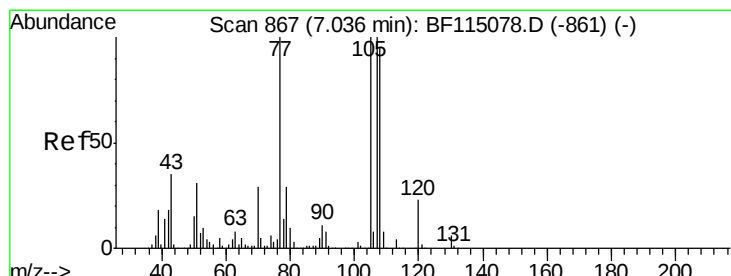
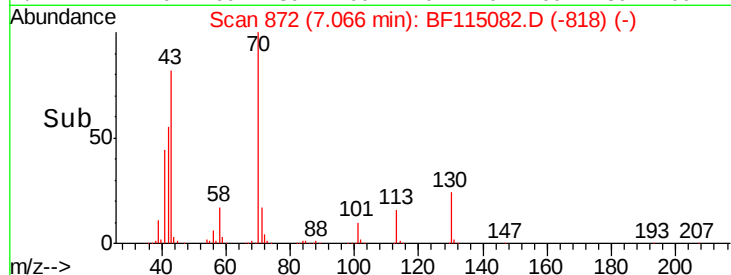
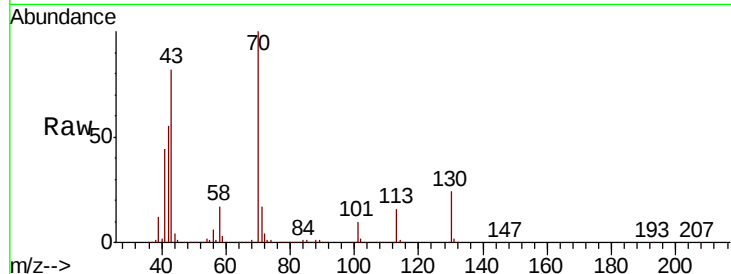
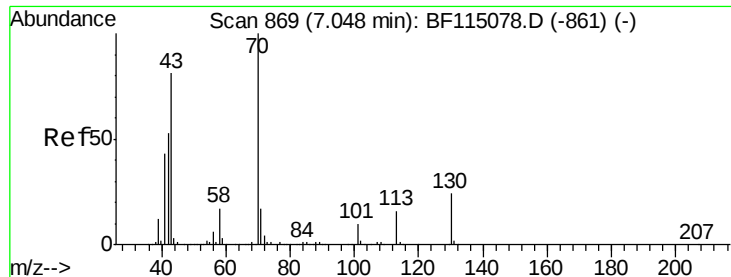
mohammad
6/25/2019 12:41:08 PM



#18
Hexachloroethane
Concen: 91.016 ng
RT: 7.14 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:	117	Resp:	510664
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	114.8
201	94.9	80.2	120.2





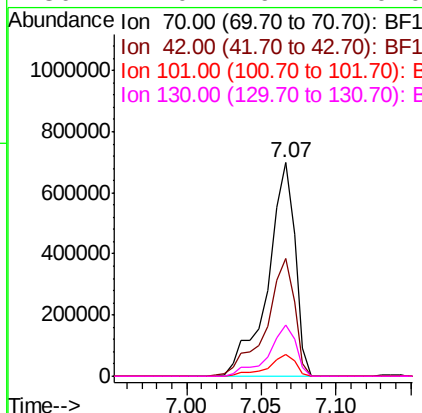
#19
n-Nitroso-di-n-propylamine
Concen: 104.638 ng
RT: 7.07 min Scan# 872
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	42.6	63.8	
101	10.1	8.0	12.0	
130	24.0	19.4	29.0	

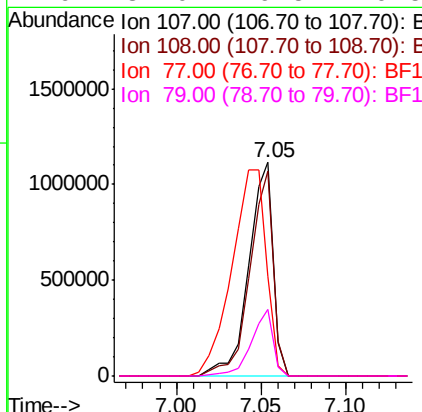
Manual Integrations
APPROVED

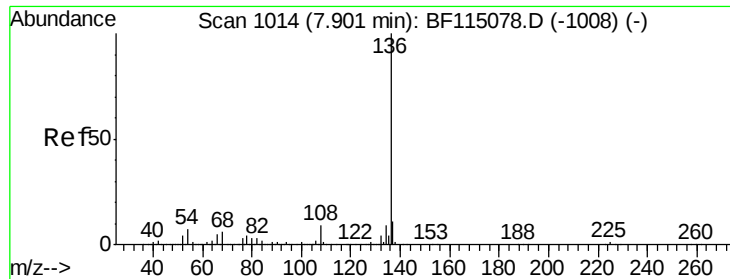
mohammad
6/25/2019 12:41:08 PM



#20
3+4-Methylphenols
Concen: 85.793 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.6	75.5	115.5	
77	46.7	80.2	120.2	#
79	31.0	9.5	49.5	





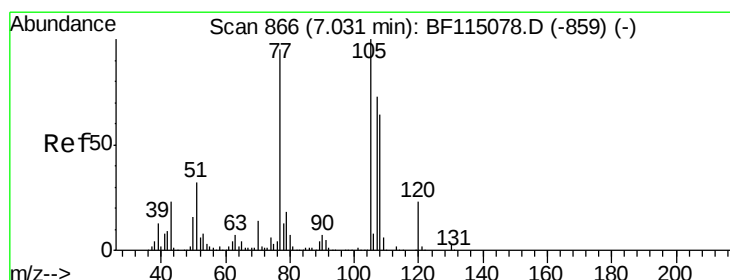
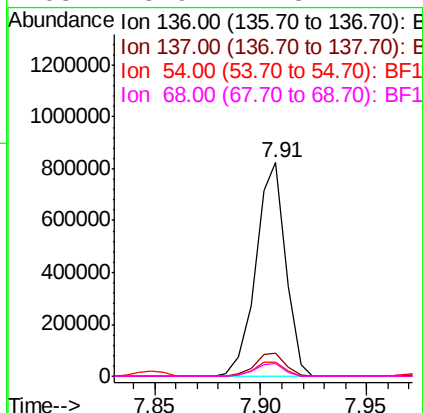
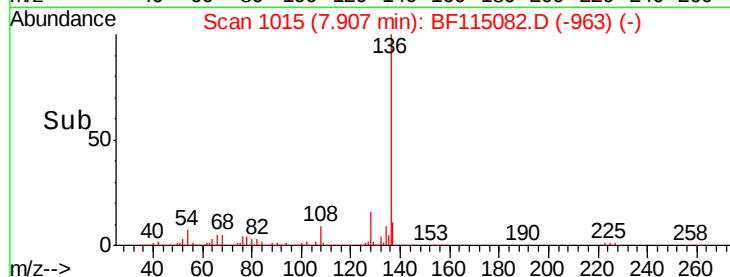
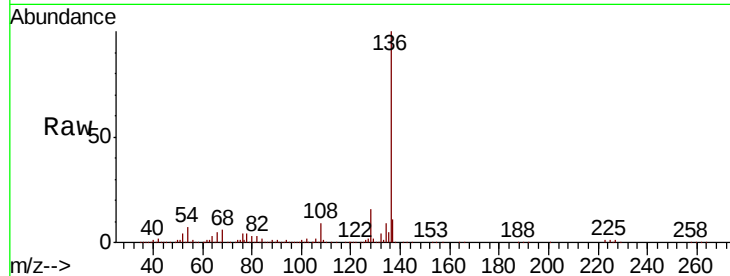
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
136	100	807341		
137	11.0		8.9	13.3
54	6.5		5.6	8.4
68	5.9		4.8	7.2

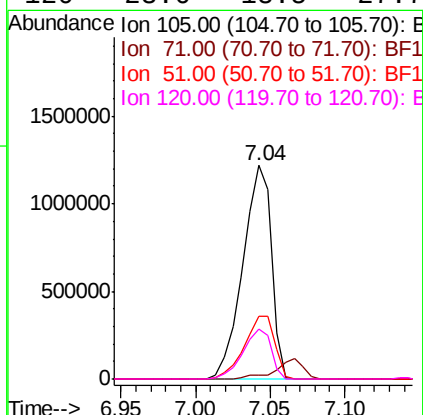
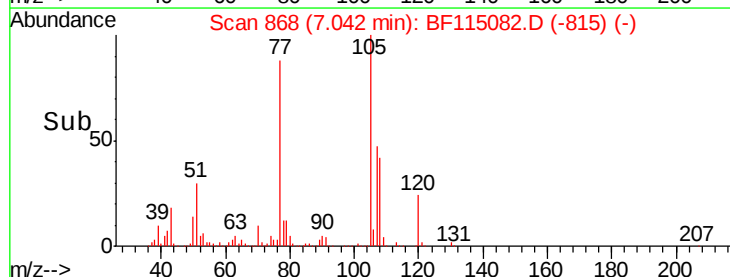
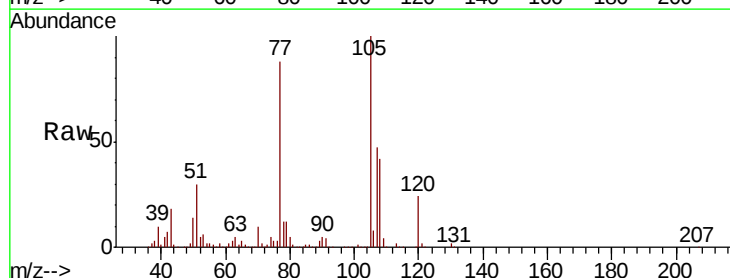
Manual Integrations
APPROVED

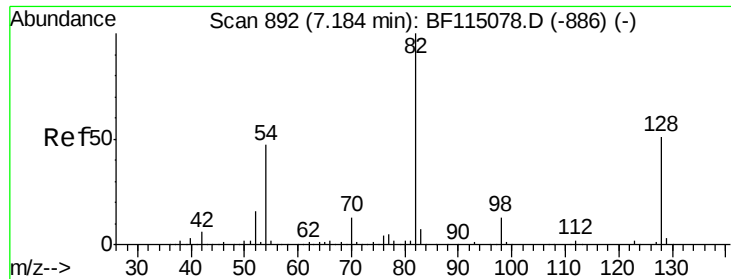
mohammad
6/25/2019 12:41:08 PM



#22
Acetophenone
Concen: 87.944 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1607222		
71	1.6		1.9	2.9#
51	29.6		25.8	38.8
120	23.6		18.5	27.7





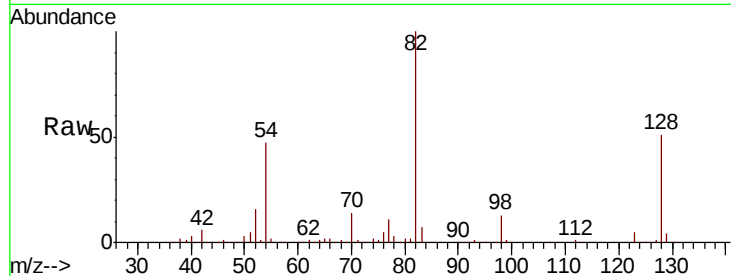
#23
Nitrobenzene-d5
Concen: 181.201 ng
RT: 7.20 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.4	60.6
54	47.4	37.5	56.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

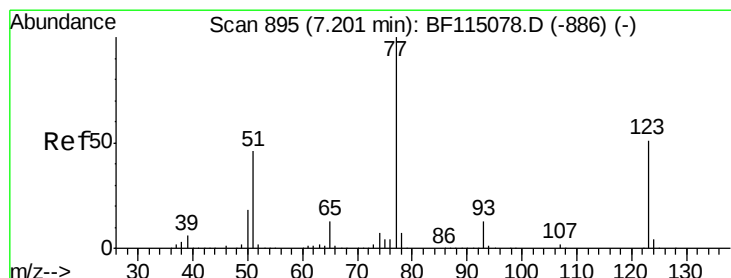
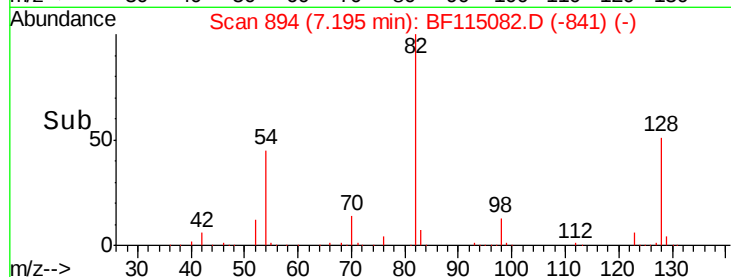
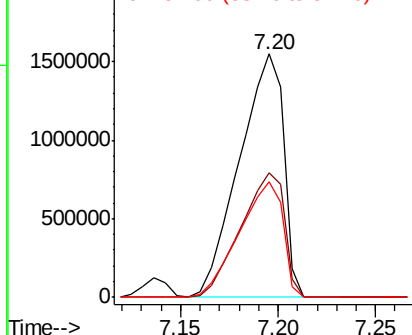


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 97.048 ng
RT: 7.21 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

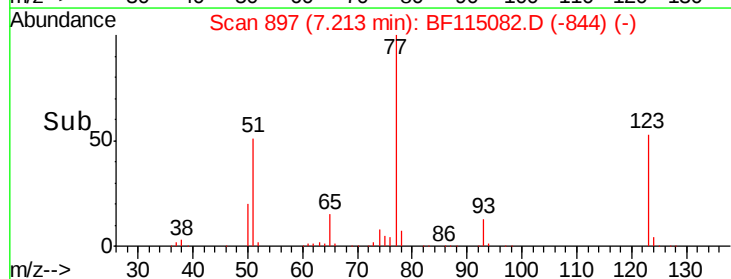
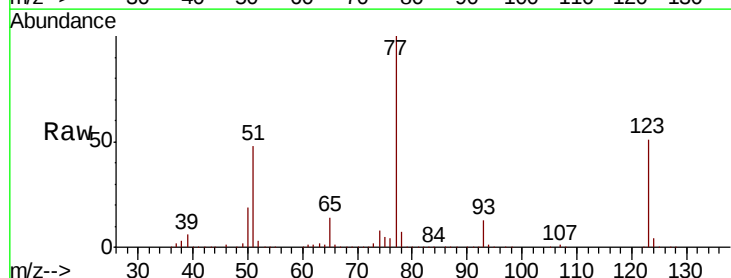
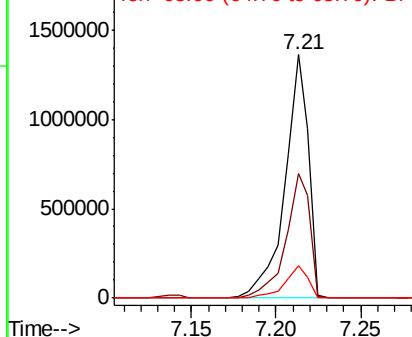
Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	41.0	61.6
65	13.5	10.5	15.7

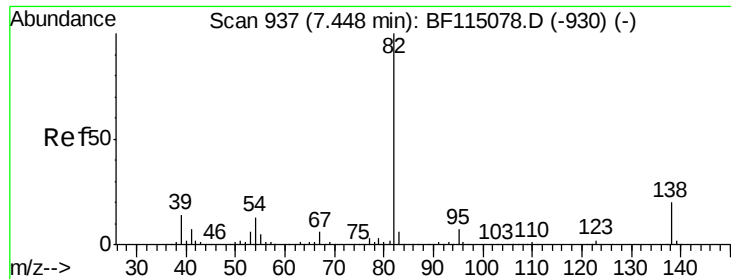
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 100.928 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion: 82 Resp: 2535433

Ion Ratio Lower Upper

82 100

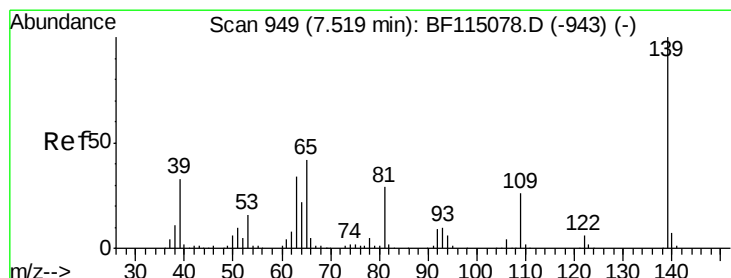
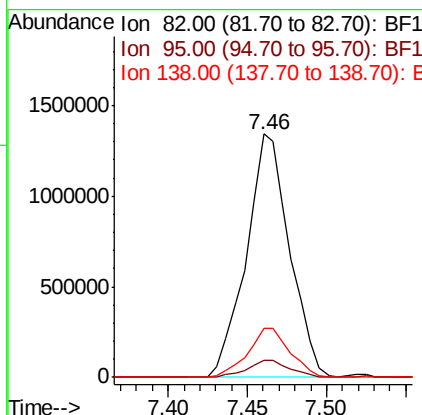
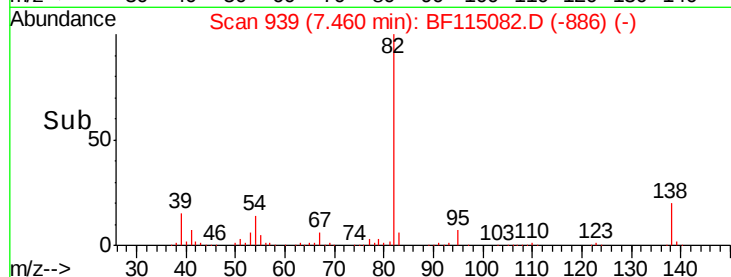
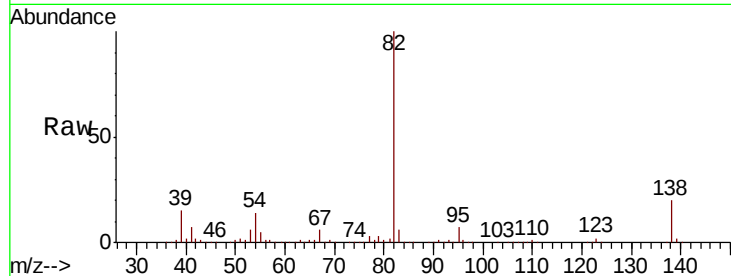
95 6.7 5.4 8.2

138 19.9 15.9 23.9

Manual Integrations
APPROVED

mohammad

6/25/2019 12:41:08 PM



#26

2-Nitrophenol

Concen: 94.760 ng

RT: 7.52 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

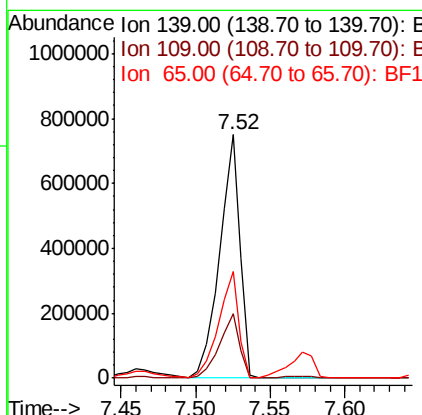
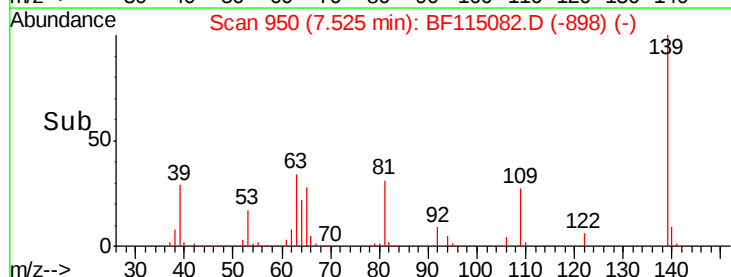
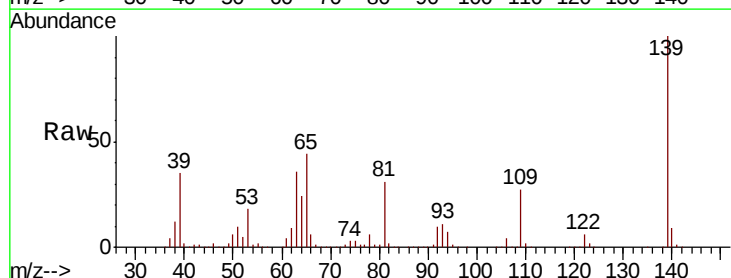
Tgt Ion: 139 Resp: 720793

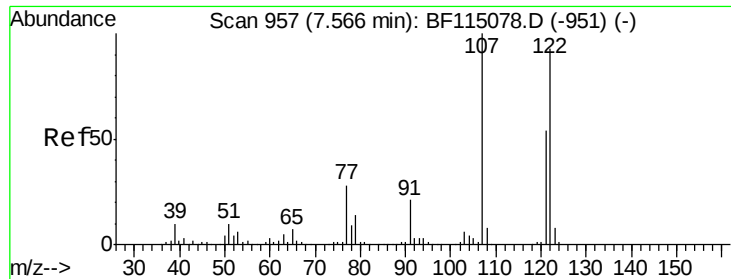
Ion Ratio Lower Upper

139 100

109 26.5 20.4 30.6

65 43.9 33.6 50.4





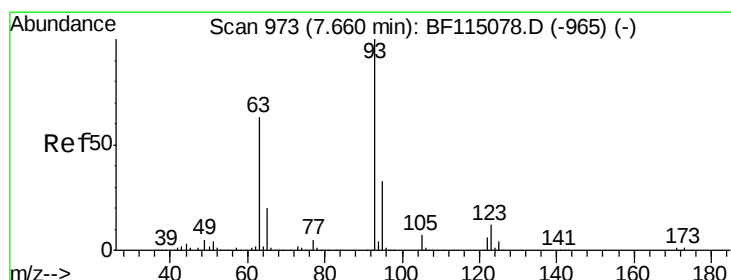
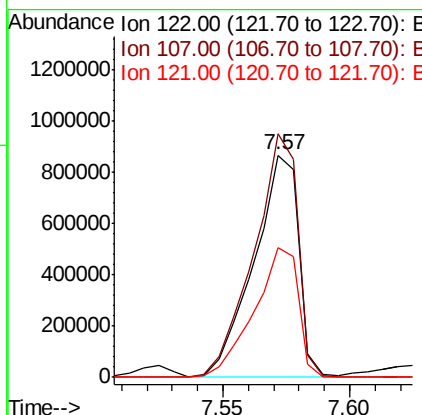
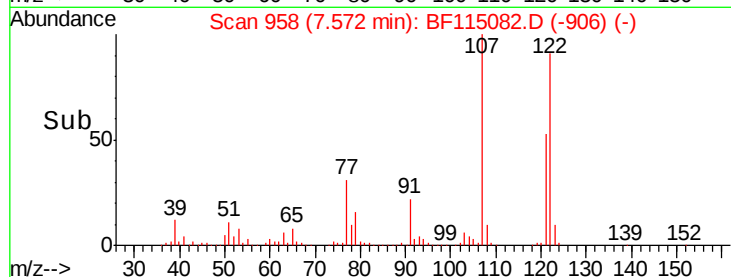
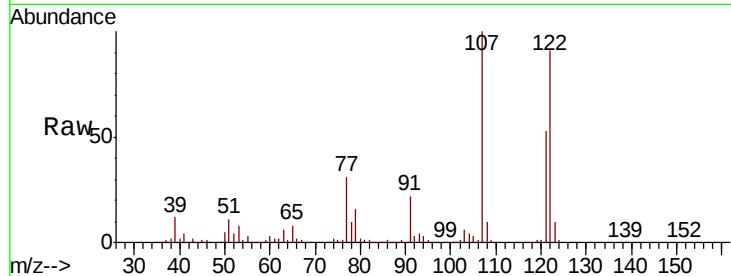
#27
 2,4-Dimethylphenol
 Concen: 97.745 ng
 RT: 7.57 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion: 122 Resp: 1072563
 Ion Ratio Lower Upper
 122 100
 107 109.4 85.8 128.6
 121 58.2 46.3 69.5

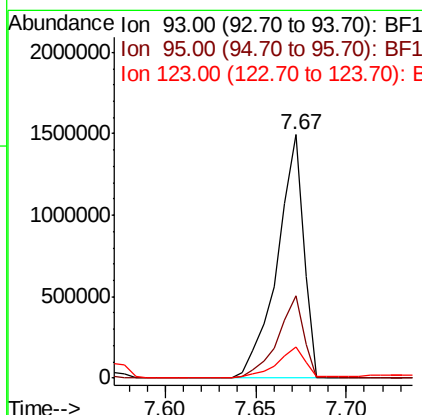
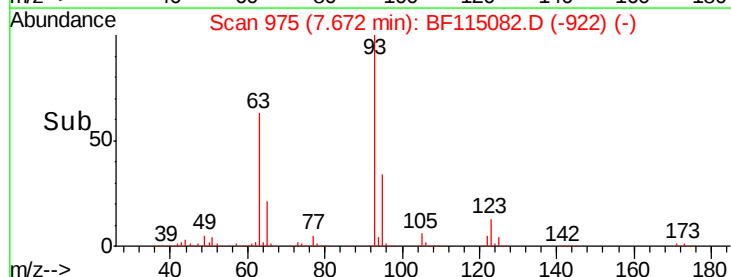
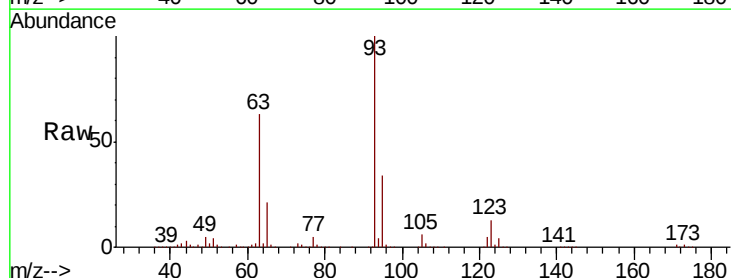
Manual Integrations
 APPROVED

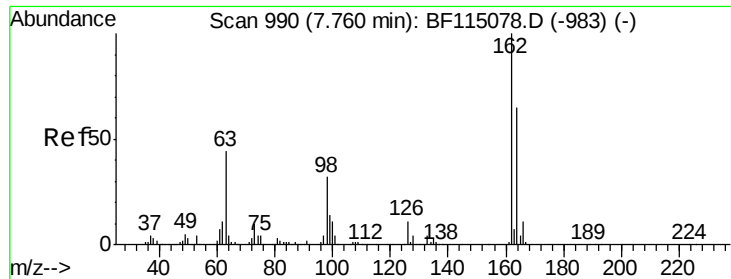
mohammad
 6/25/2019 12:41:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 94.115 ng
 RT: 7.67 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion: 93 Resp: 1516876
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.2 39.4
 123 13.0 9.7 14.5





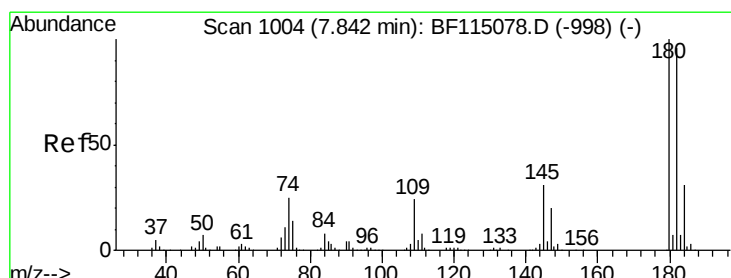
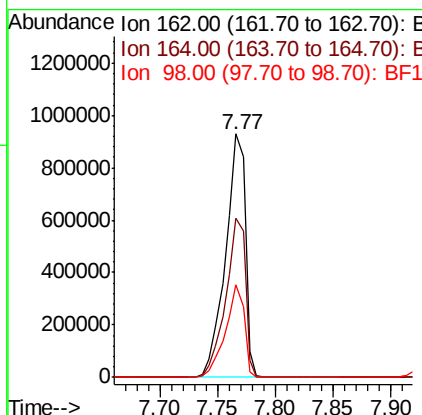
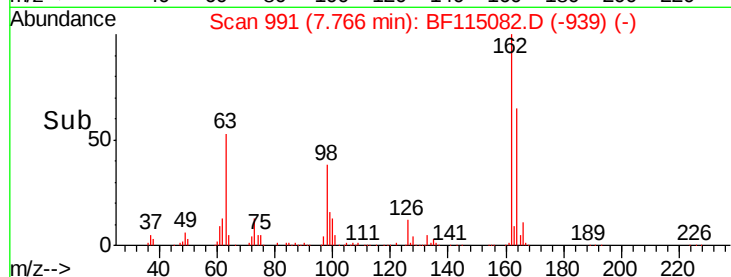
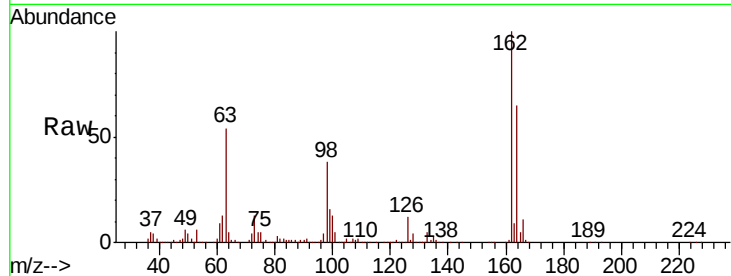
#29
2,4-Dichlorophenol
Concen: 95.306 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.3	85.3
98	37.9	12.5	52.5

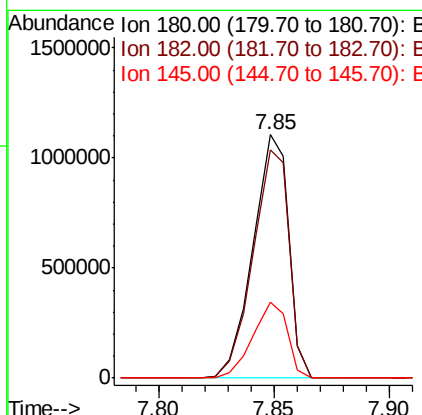
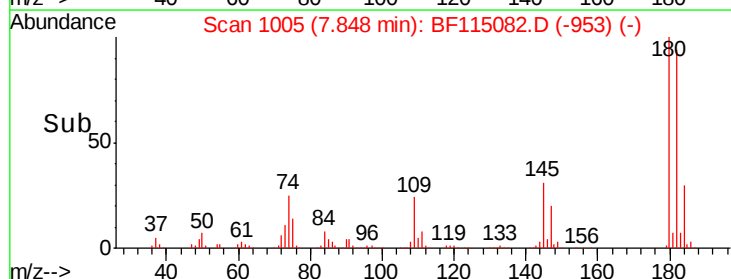
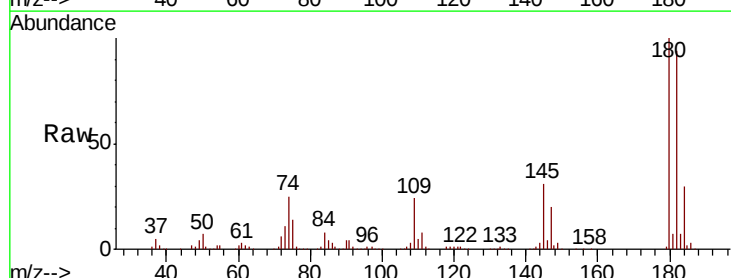
Manual Integrations
APPROVED

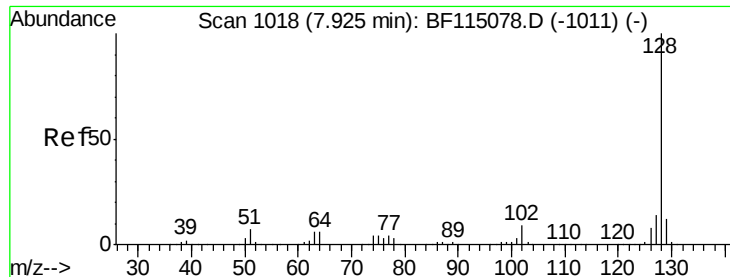
mohammad
6/25/2019 12:41:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 88.941 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	31.4	24.8	37.2





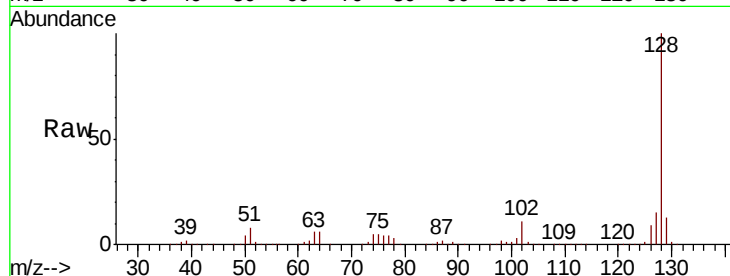
#31
Naphthalene
Concen: 85.076 ng
RT: 7.93 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.6	14.4
127	15.3	11.4	17.0

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

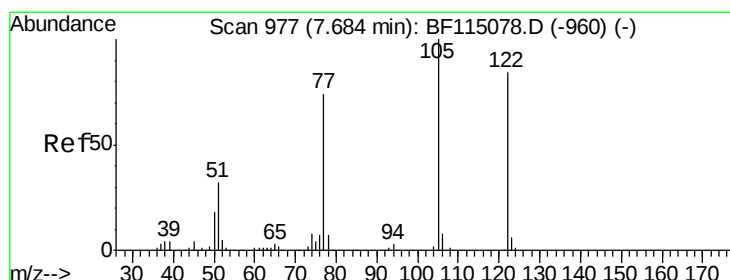
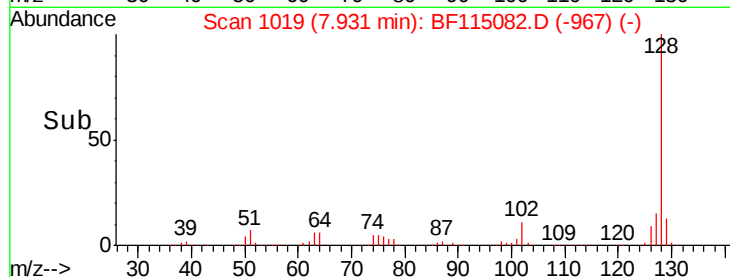
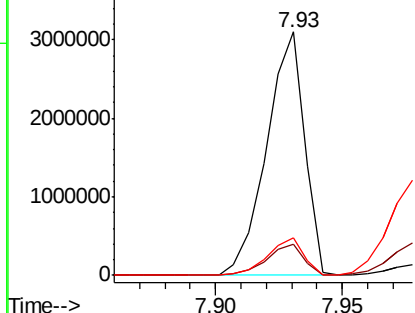


Abundance

Ion 128.00 (127.70 to 128.70): E

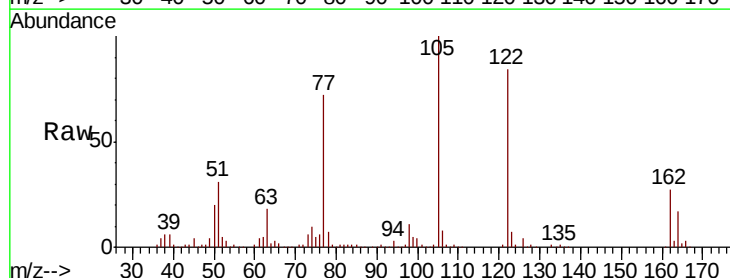
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 123.427 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.06 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	98.2	138.2
77	86.0	67.0	107.0

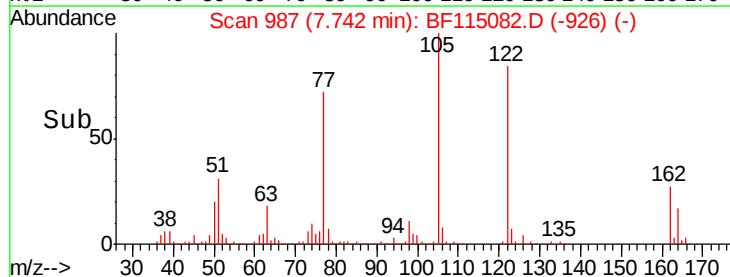
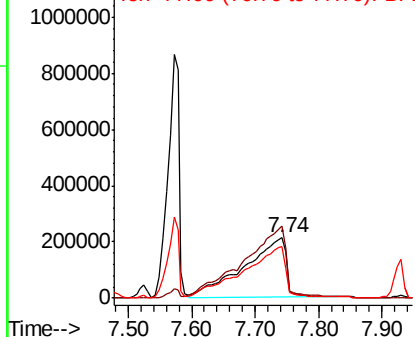


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





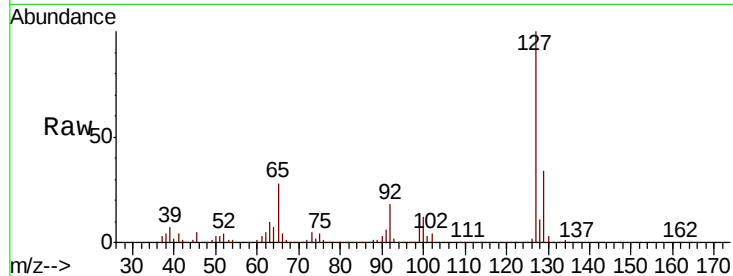
#33
4-Chloroaniline
Concen: 94.370 ng
RT: 7.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

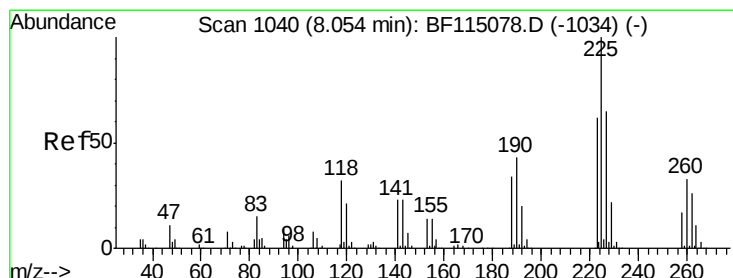
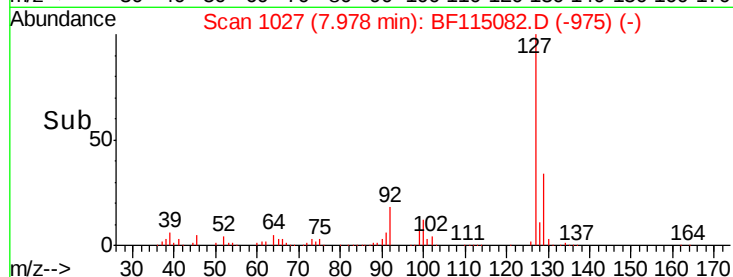
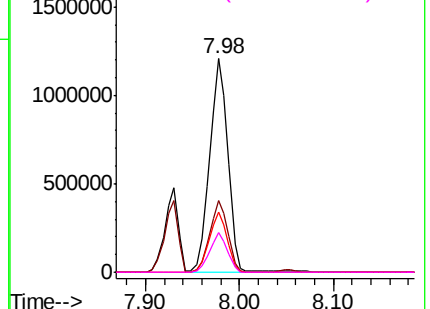
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1663999		
129	33.5	26.1	39.1		
65	28.5	21.4	32.2		
92	18.4	14.1	21.1		

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

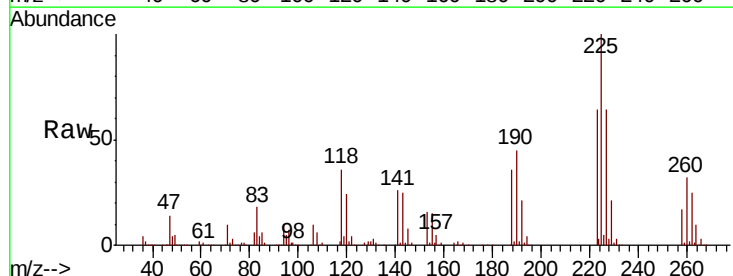


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

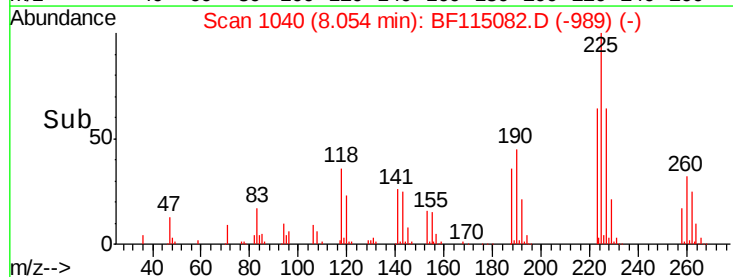
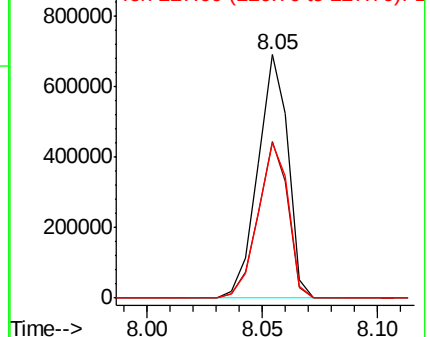


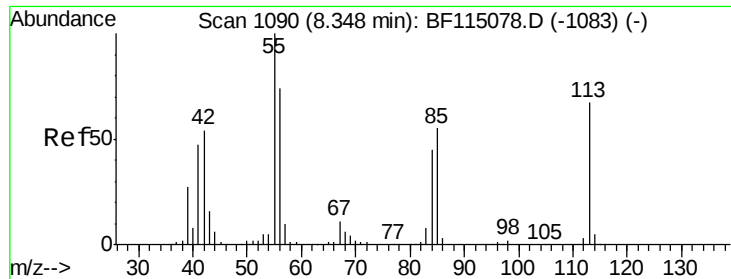
#34
Hexachlorobutadiene
Concen: 84.843 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		631671		
223	64.1	49.4	74.2		
227	63.8	51.8	77.8		



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





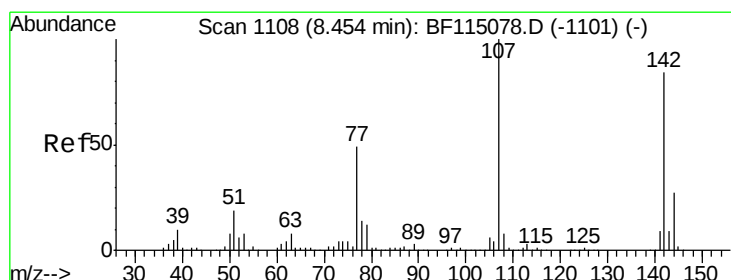
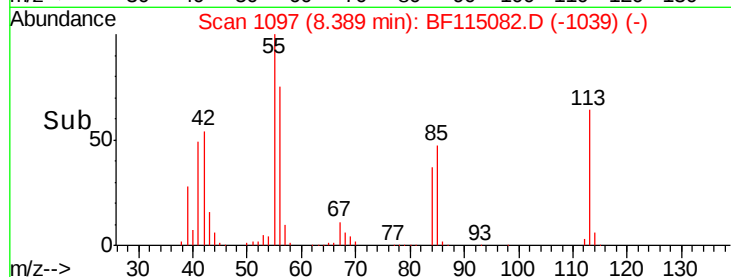
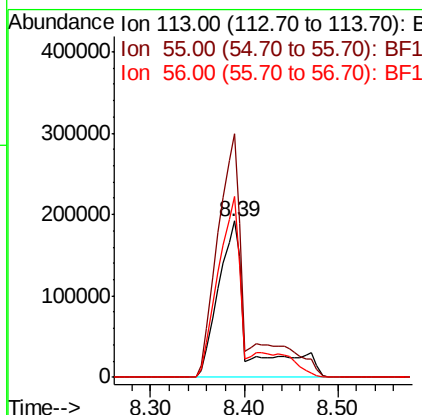
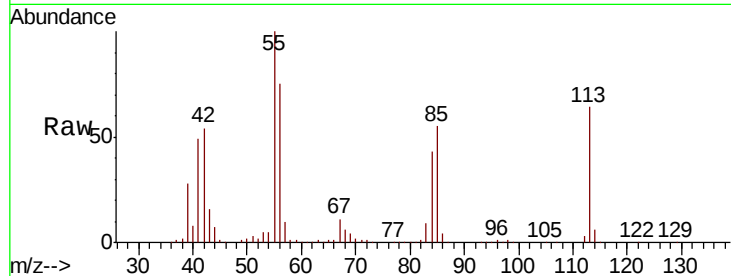
#35
Caprolactam
Concen: 110.734 ng/ml
RT: 8.39 min Scan# 1097
Delta R.T. 0.04 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	155.7	130.2	170.2	
56	116.1	91.6	131.6	

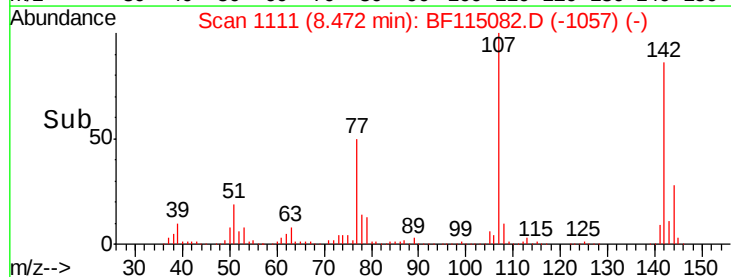
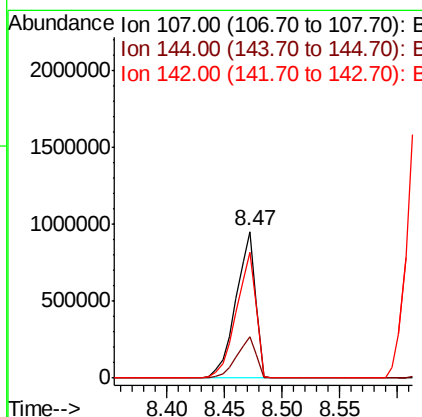
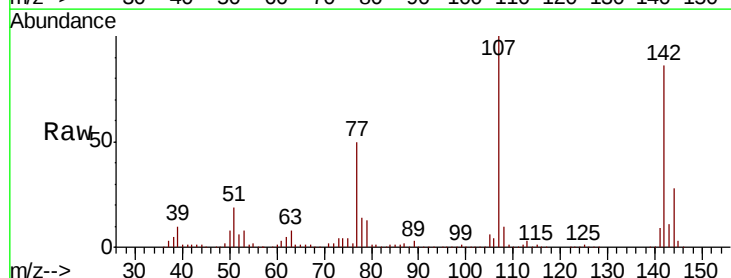
Manual Integrations
APPROVED

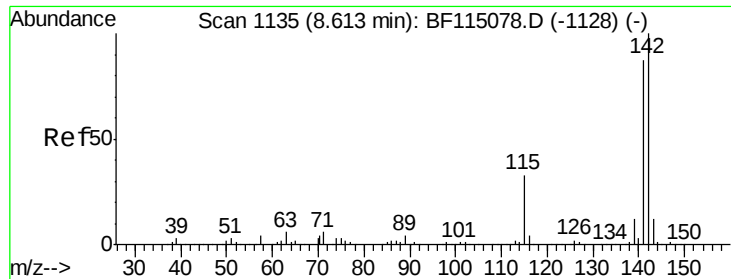
mohammad
6/25/2019 12:41:08 PM



#36
4-Chloro-3-methylphenol
Concen: 96.069 ng/ml
RT: 8.47 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.0	21.7	32.5	
142	85.7	67.0	100.4	





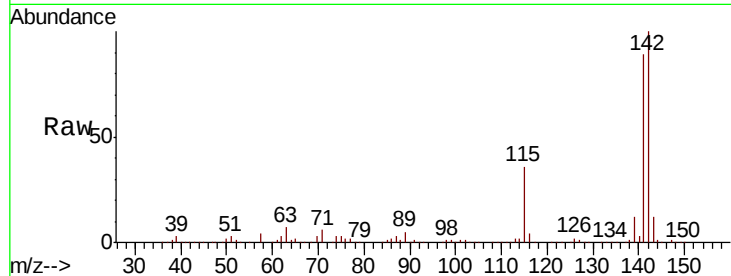
#37
2-Methylnaphthalene
Concen: 87.628 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.6
115	35.9	26.7	40.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

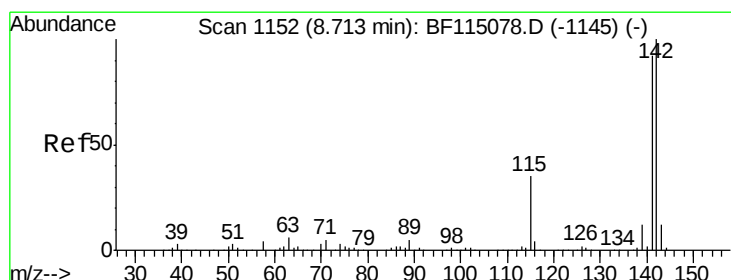
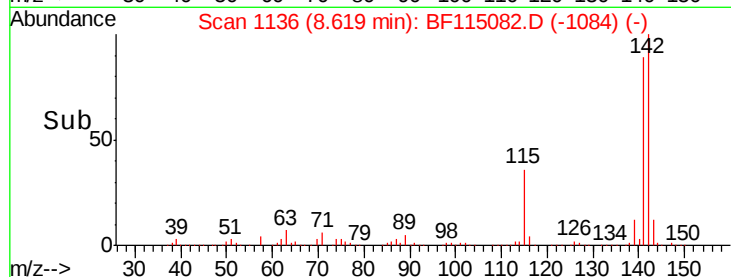
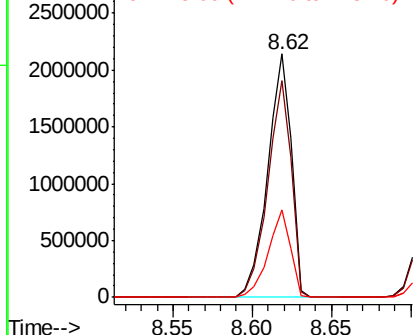


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 87.643 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

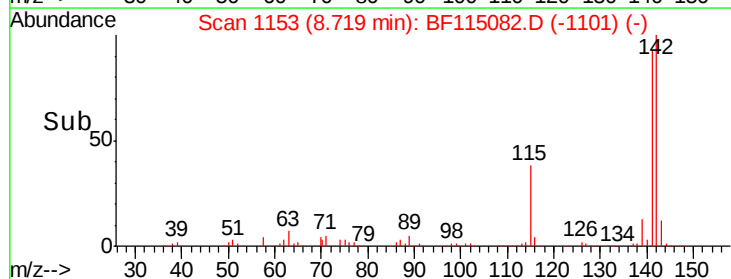
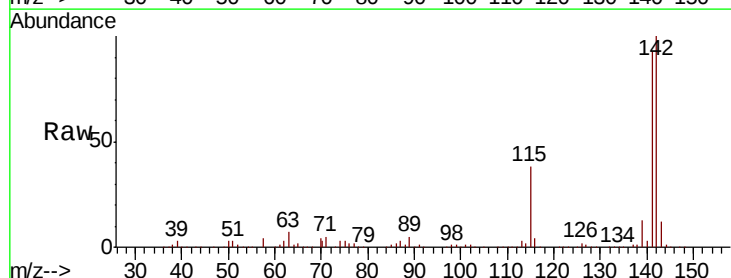
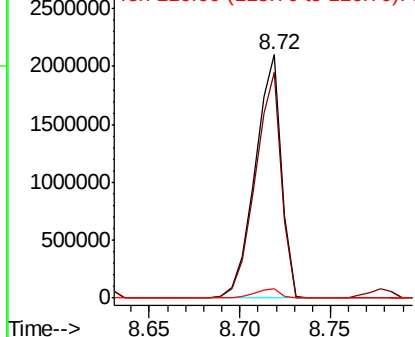
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.8
116	4.0	2.8	4.2

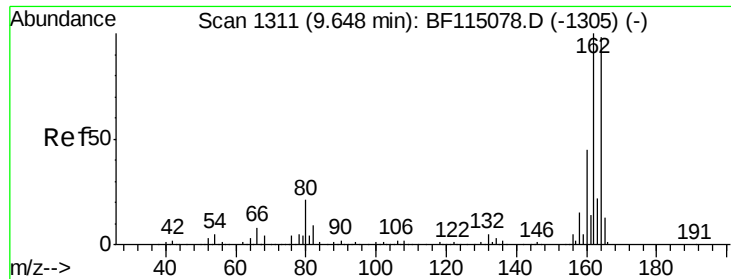
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





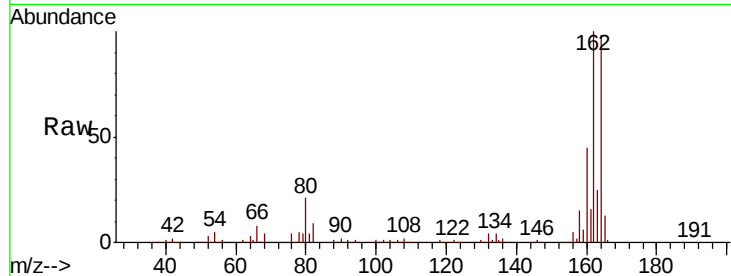
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.7	122.5	
160	45.8	37.0	55.4	

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

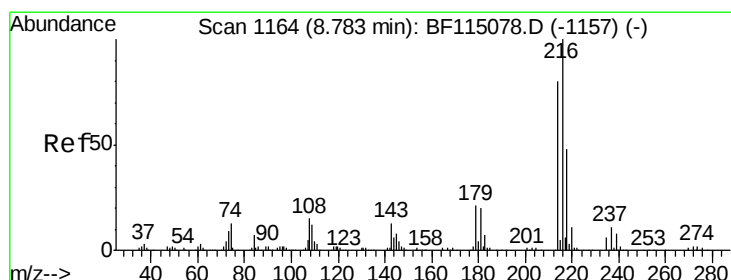
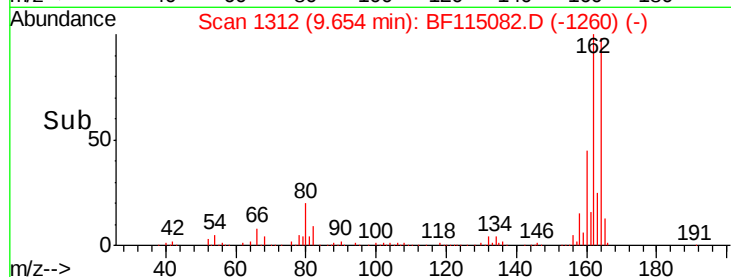
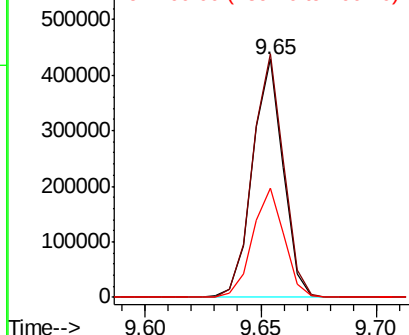


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.308 ng
RT: 8.79 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.6	
179	22.6	17.6	26.4	
108	19.7	15.7	23.5	

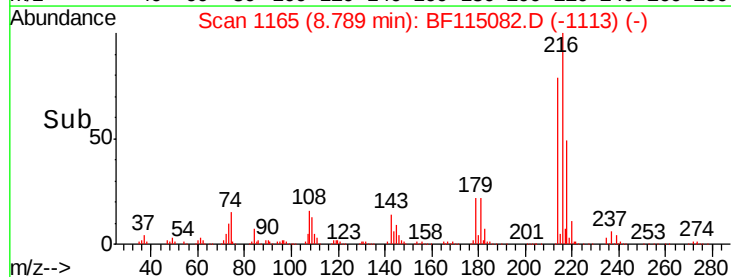
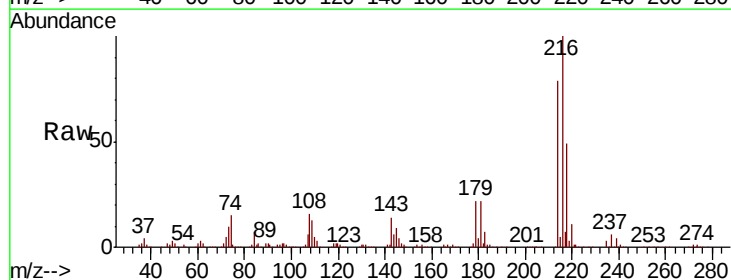
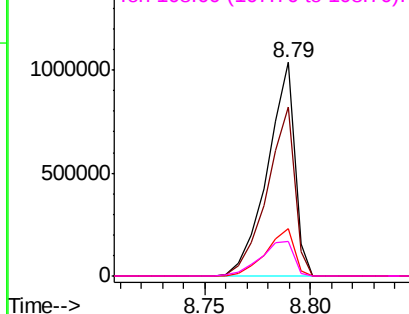
Abundance

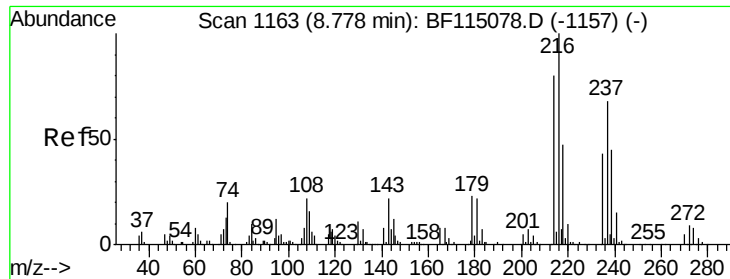
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.964 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

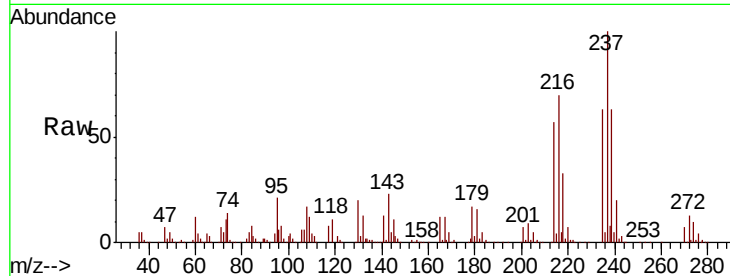
ClientSampleId :

SSTDICC100

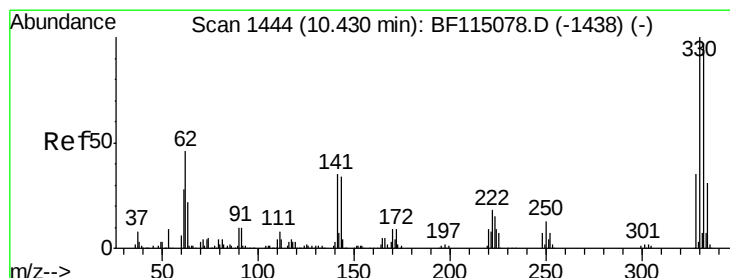
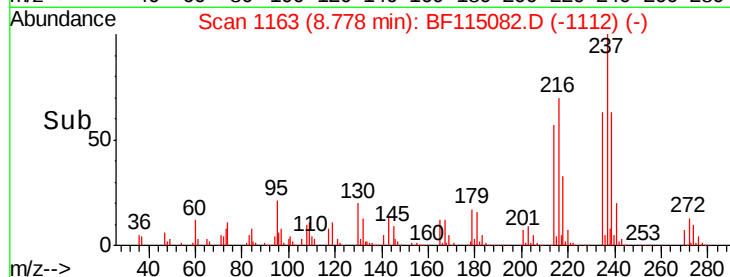
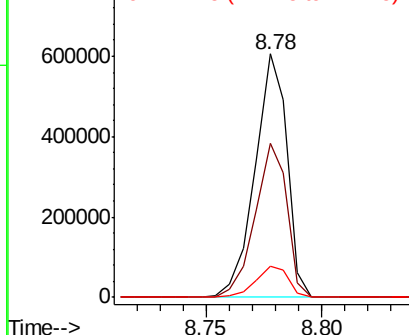
Tot Ion:	237	Resp:	585514
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.9	83.9
272	12.8	0.0	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 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: 173.330 ng

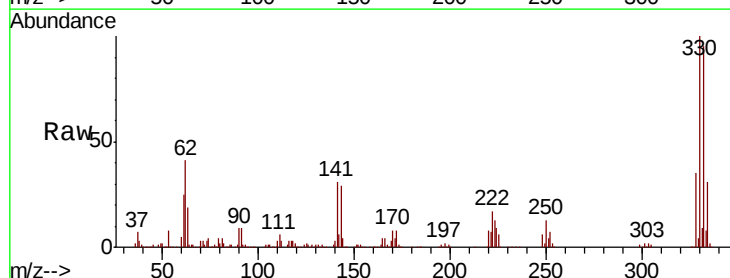
RT: 10.44 min Scan# 1446

Delta R.T. 0.01 min

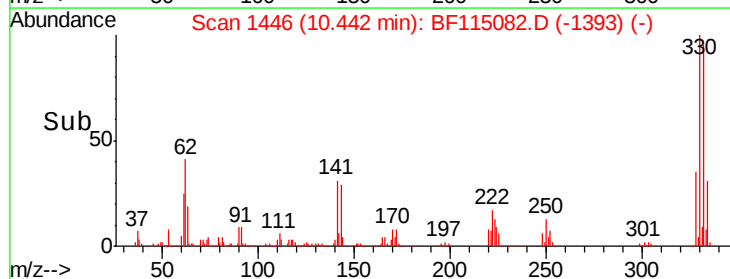
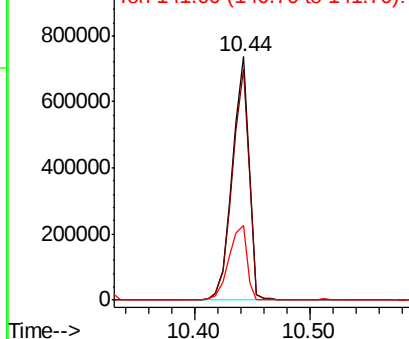
Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:	330	Resp:	739396
Ion Ratio		Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.7	28.2	42.2



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





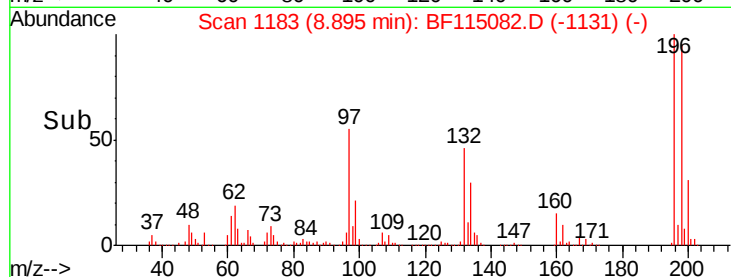
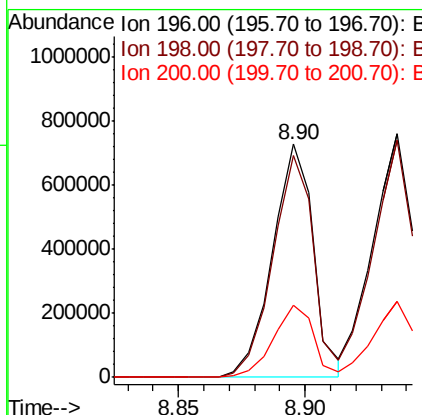
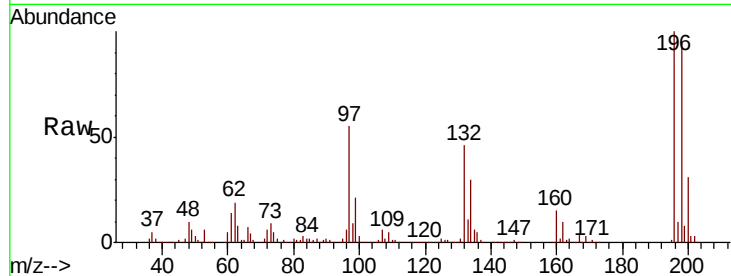
#43
 2,4,6-Trichlorophenol
 Concen: 92.339 ng
 RT: 8.90 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
196	100	811682		
198	95.2	76.3	114.5	
200	30.9	24.2	36.4	

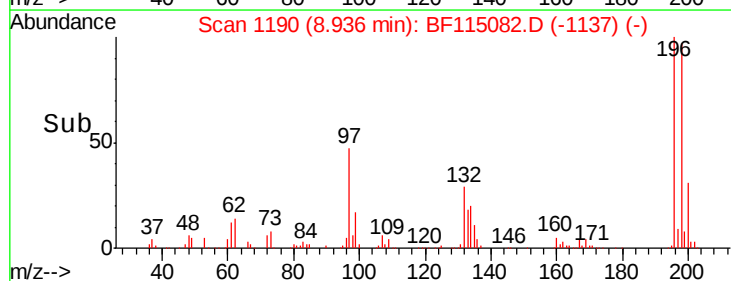
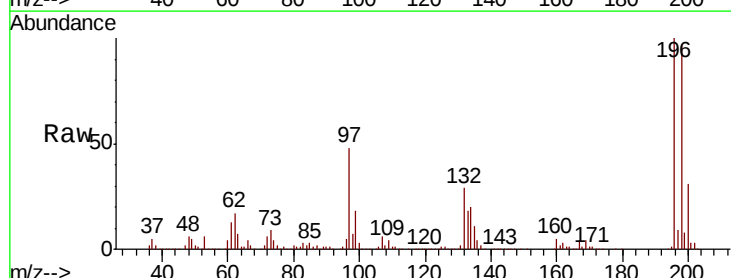
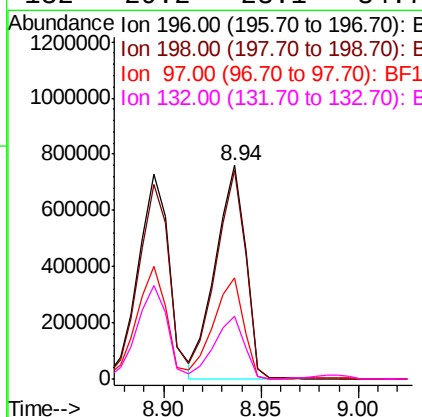
Manual Integrations
 APPROVED

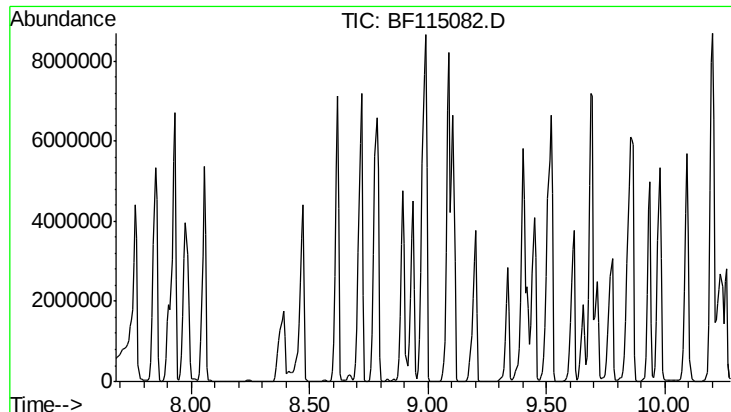
mohammad
 6/25/2019 12:41:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 92.233 ng
 RT: 8.94 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	819342		
198	97.5	77.1	115.7	
97	47.6	37.7	56.5	
132	29.2	23.1	34.7	





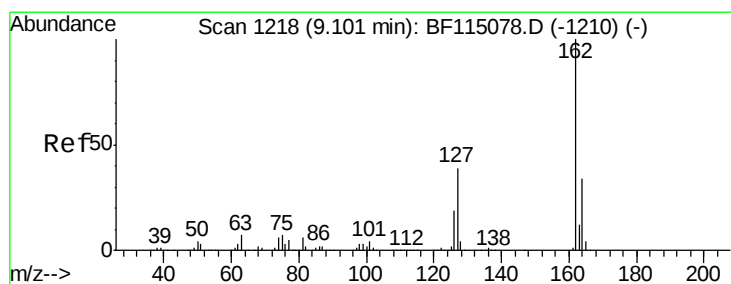
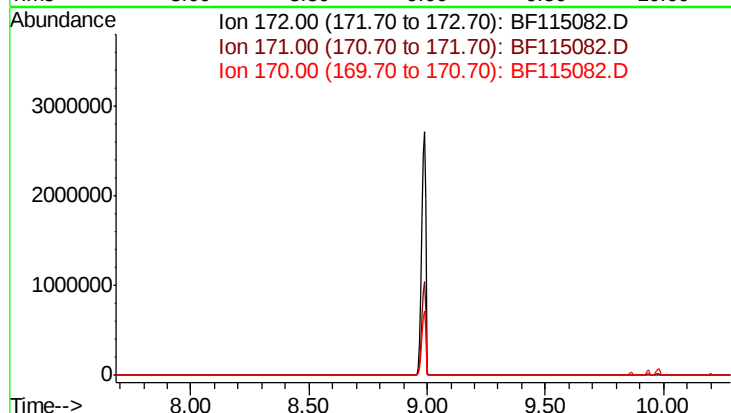
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 8.98 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

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

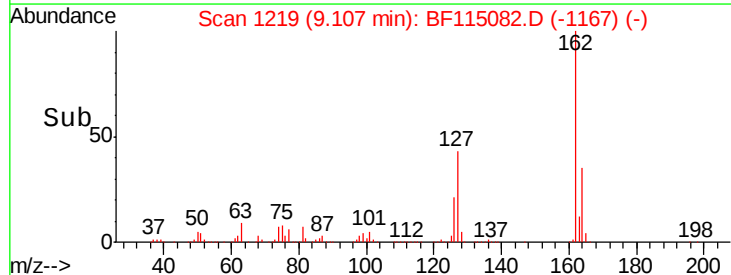
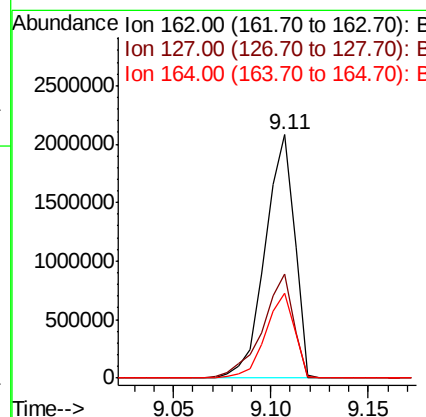
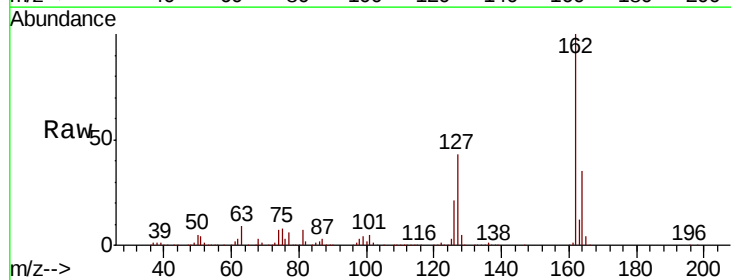
Manual Integrations
 APPROVED

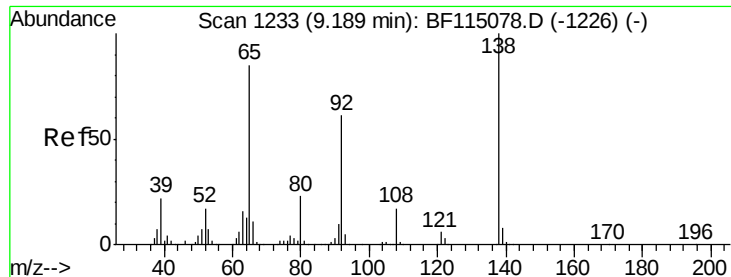
mohammad
 6/25/2019 12:41:08 PM



#47
 2-Chloronaphthalene
 Concen: 84.060 ng
 RT: 9.11 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion:162 Resp: 2169896
 Ion Ratio Lower Upper
 162 100
 127 42.8 30.8 46.2
 164 34.8 27.0 40.4





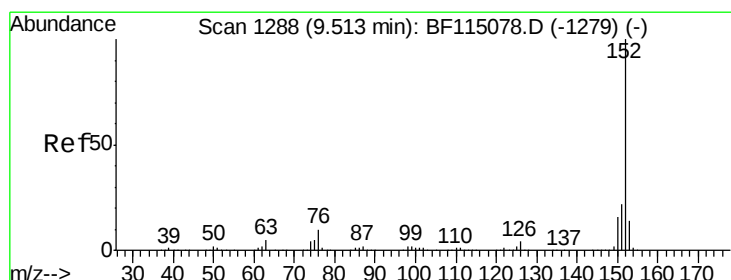
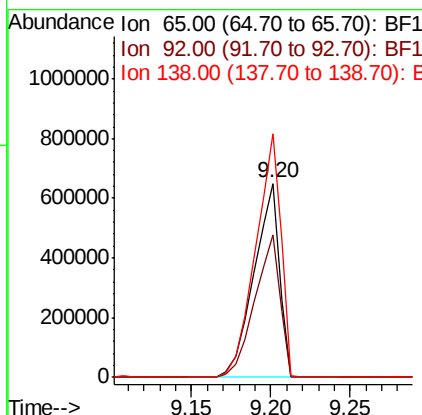
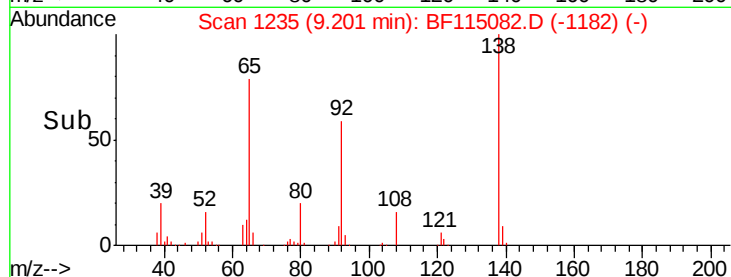
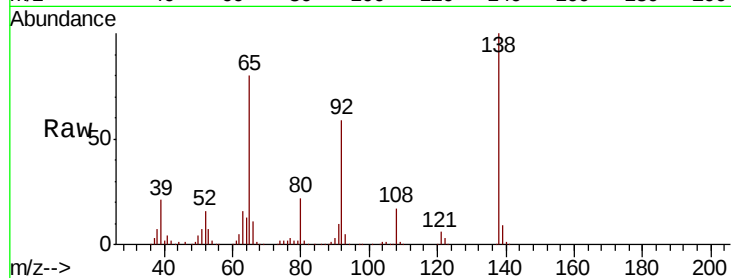
#48
2-Nitroaniline
Concen: 95.434 ng
RT: 9.20 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.4	86.2
138	125.5	94.1	141.1

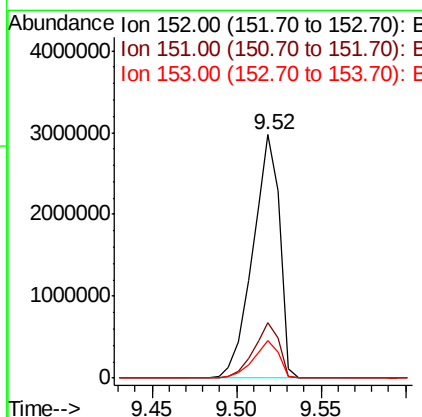
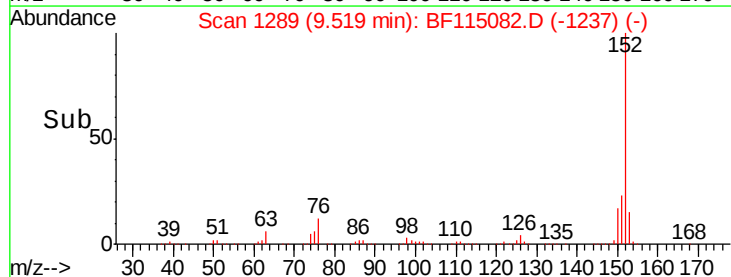
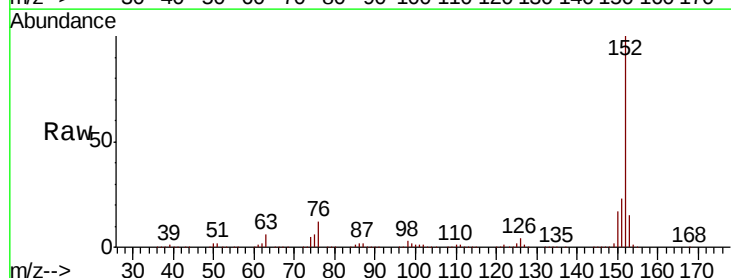
Manual Integrations
APPROVED

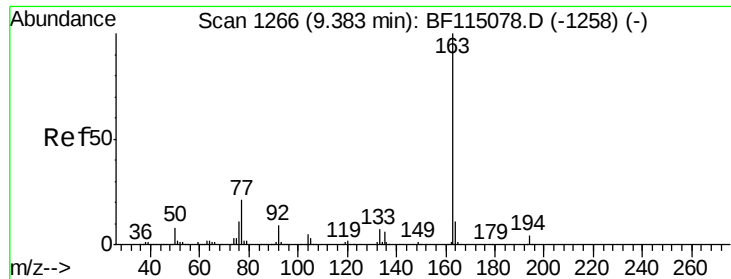
mohammad
6/25/2019 12:41:08 PM



#49
Acenaphthylene
Concen: 82.588 ng
RT: 9.52 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.2	25.8
153	15.2	11.0	16.6





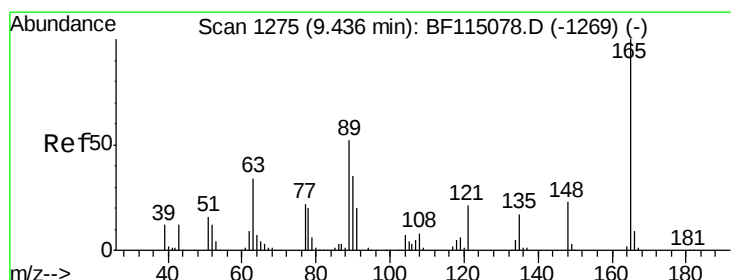
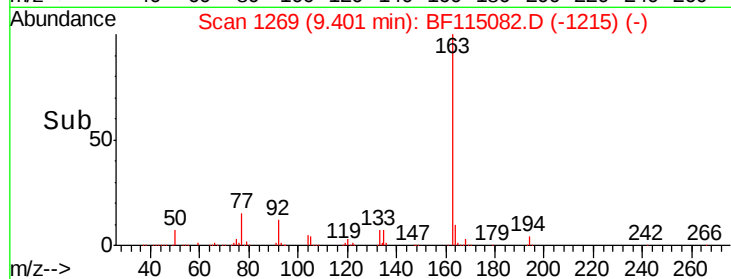
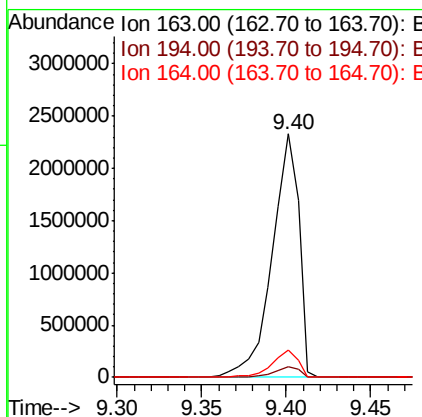
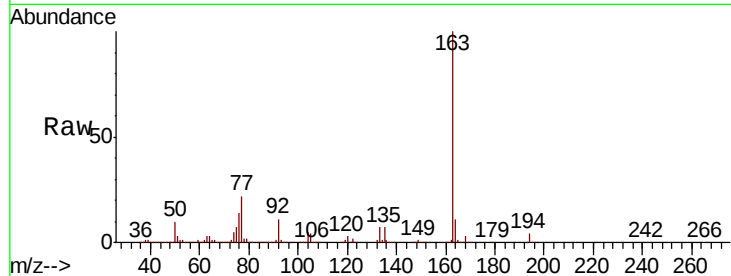
#50
Dimethylphthalate
Concen: 85.548 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.3	8.6	13.0

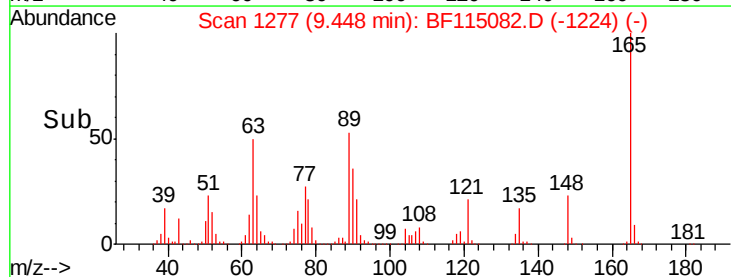
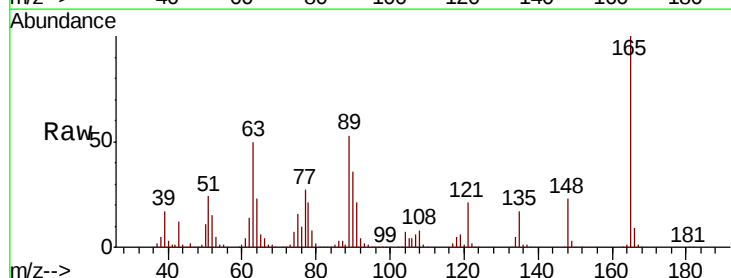
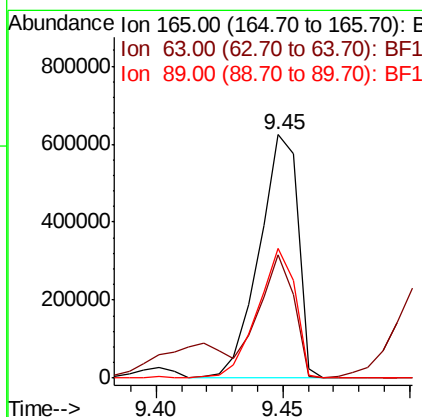
Manual Integrations
APPROVED

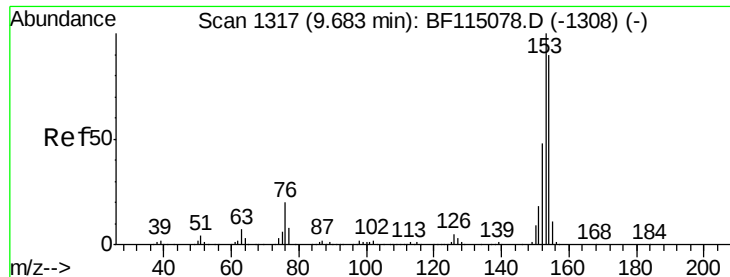
mohammad
6/25/2019 12:41:08 PM



#51
2,6-Dinitrotoluene
Concen: 97.443 ng
RT: 9.45 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.4	39.4	59.2
89	53.1	42.0	63.0





#52

Acenaphthene

Concen: 94.454 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:154 Resp: 2144775

Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

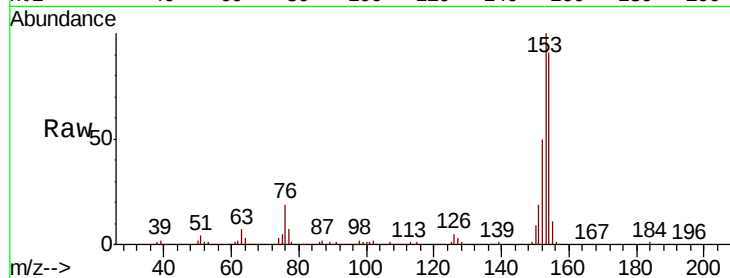
152 54.9 42.6 64.0

Manual Integrations

APPROVED

mohammad

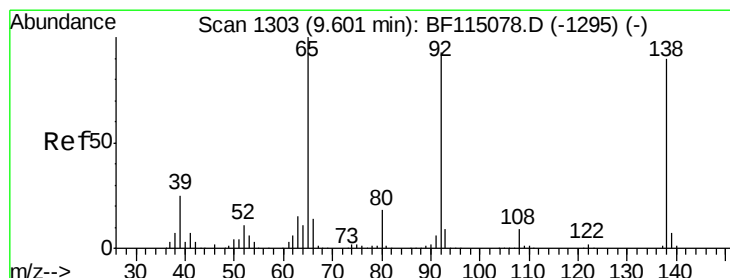
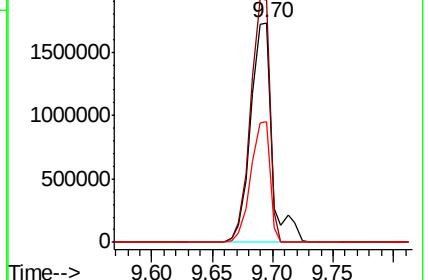
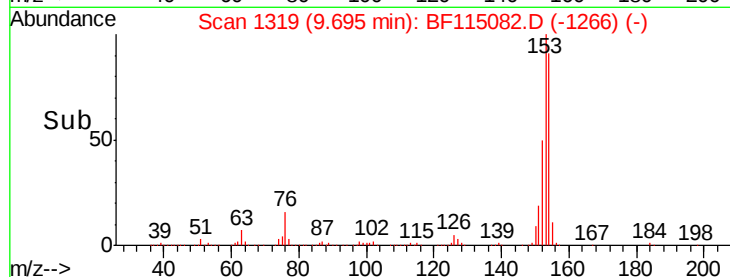
6/25/2019 12:41:08 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 93.542 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

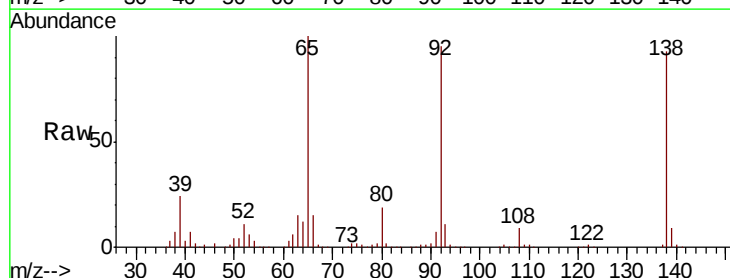
Tgt Ion:138 Resp: 778832

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

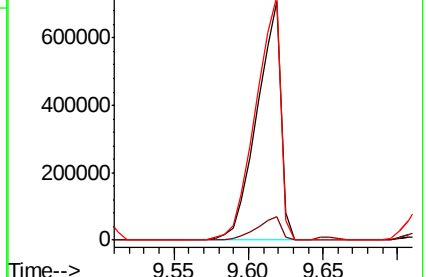
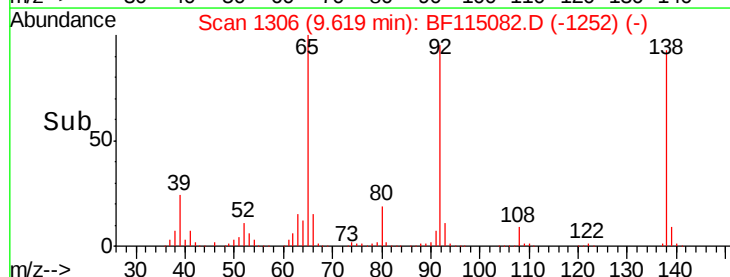
92 102.3 82.9 124.3

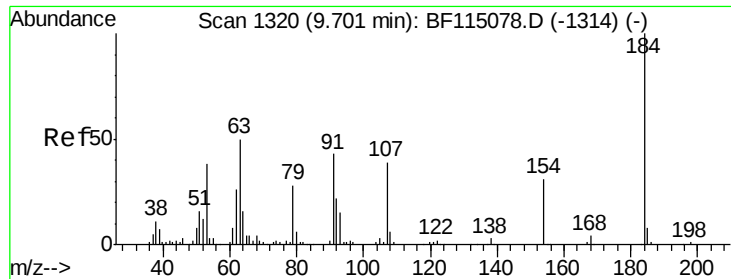


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 109.493 ng

RT: 9.71 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

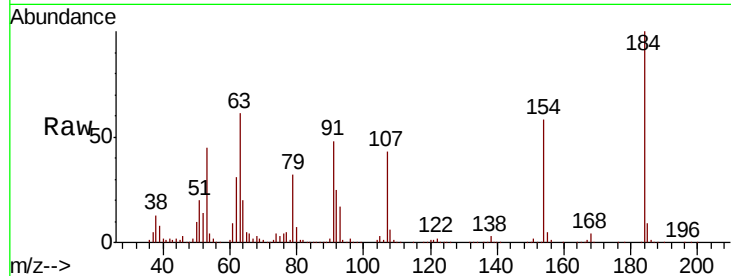
ClientSampleId :

SSTDICC100

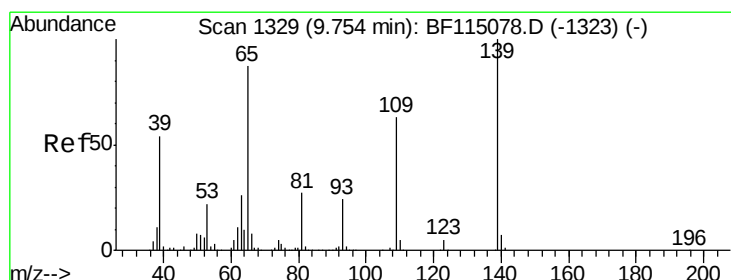
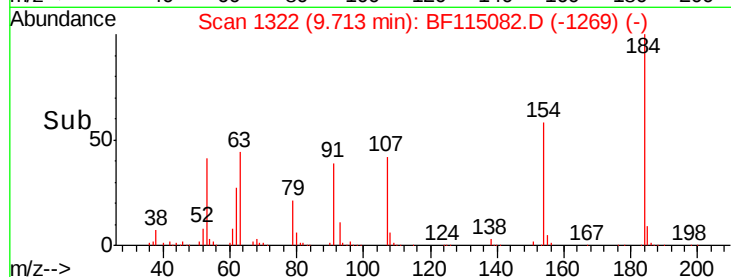
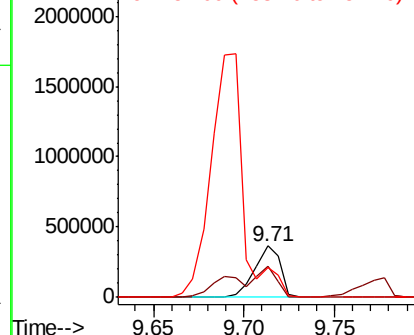
Tot Ion:	184	Resp:	360908
Ion Ratio	Lower	Upper	
184	100		
63	60.8	41.9	62.9
154	58.1	44.7	67.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 113.726 ng

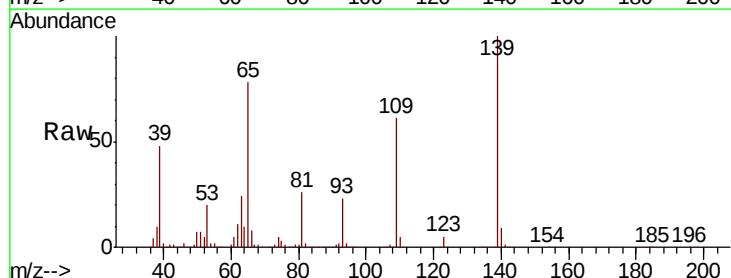
RT: 9.78 min Scan# 1333

Delta R.T. 0.02 min

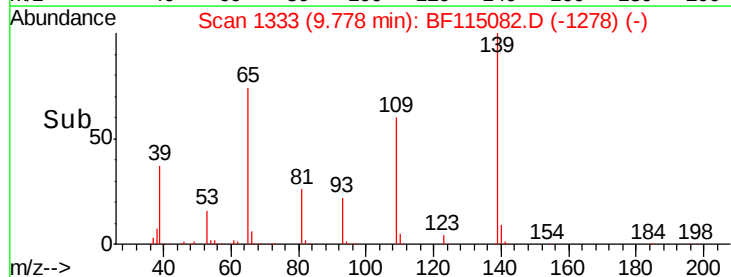
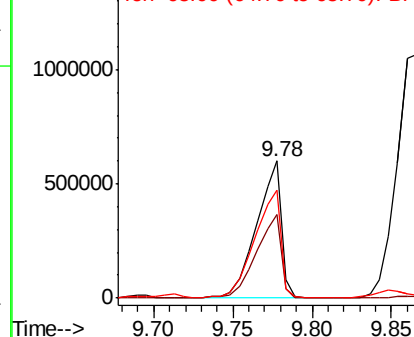
Lab File: BF115082.D

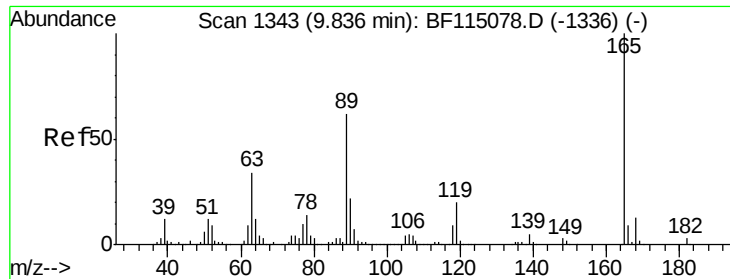
Acq: 21 Jun 2019 16:25

Tgt Ion:	139	Resp:	652973
Ion Ratio	Lower	Upper	
139	100		
109	60.7	43.0	83.0
65	78.4	67.0	107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





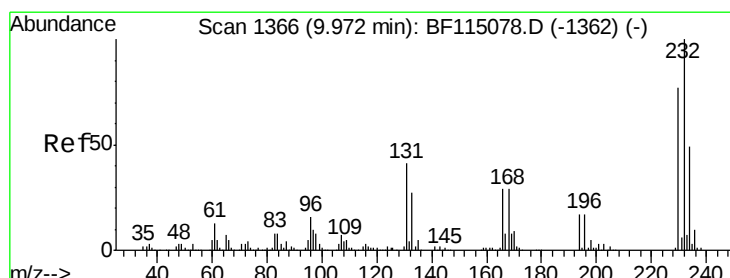
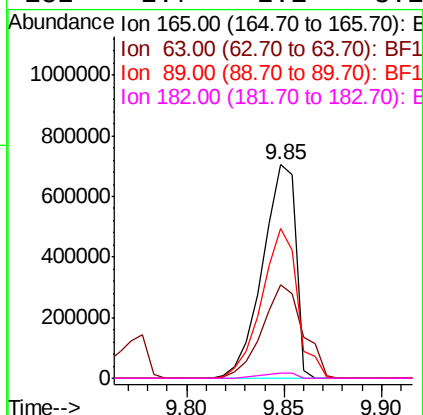
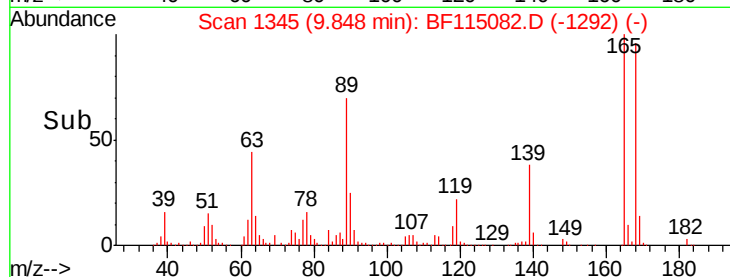
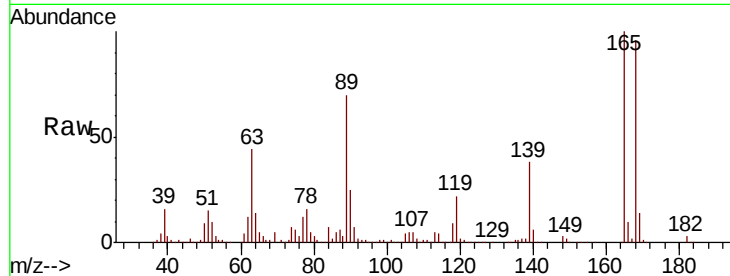
#57
2,4-Dinitrotoluene
Concen: 96.036 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	27.5	41.3	#
89	70.2	49.9	74.9	
182	2.7	2.1	3.1	

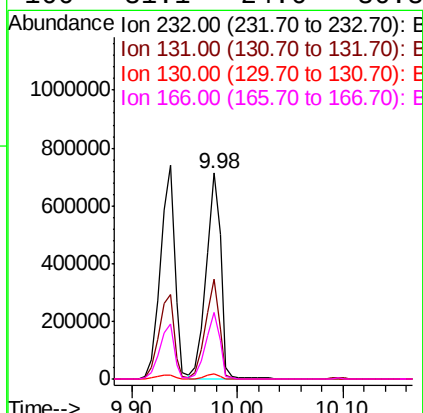
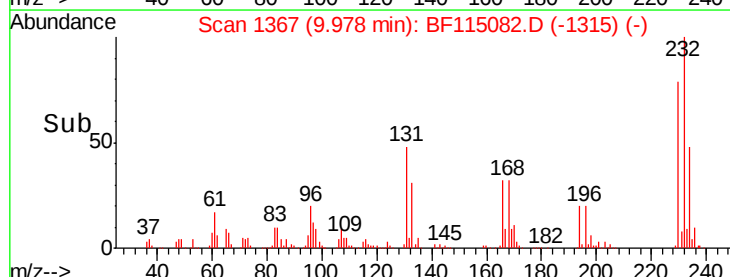
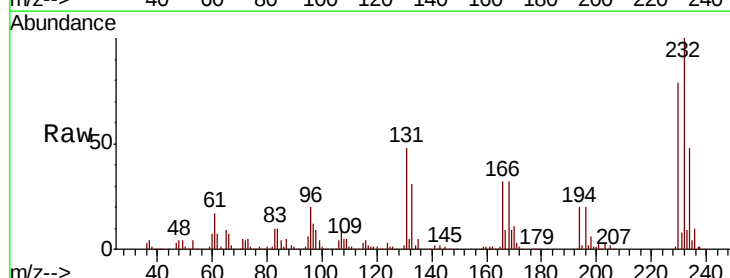
Manual Integrations
APPROVED

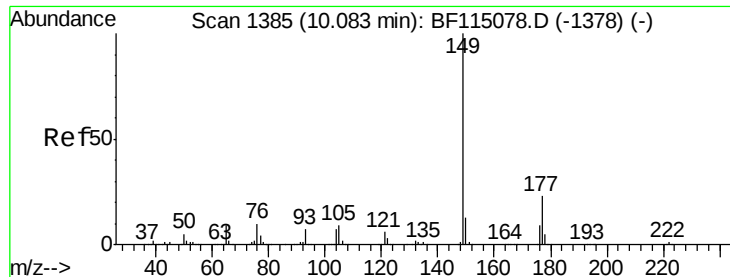
mohammad
6/25/2019 12:41:08 PM



#59
2,3,4,6-Tetrachlorophenol
Concen: 95.359 ng
RT: 9.98 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.4	37.4	56.0	
130	2.2	1.8	2.6	
166	31.1	24.6	36.8	





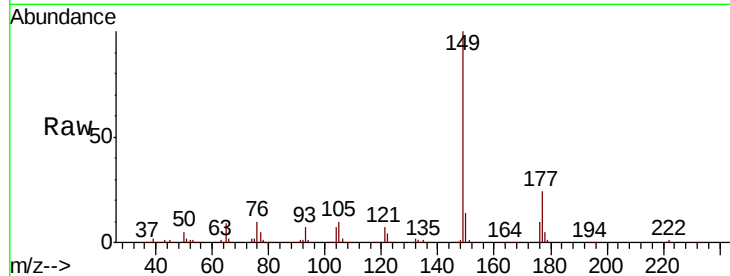
#60
Diethylphthalate
Concen: 89.831 ng
RT: 10.10 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

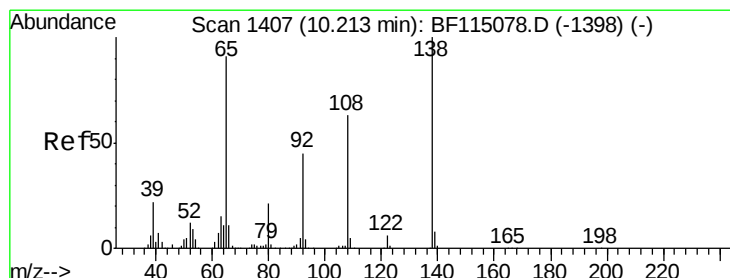
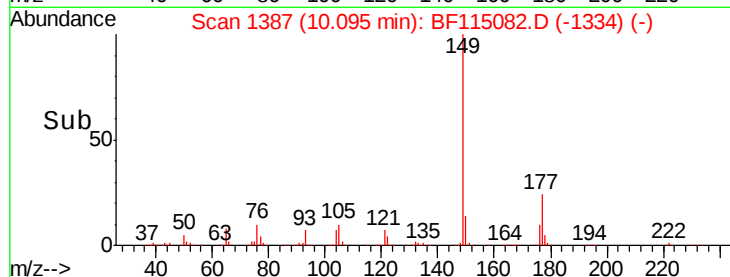
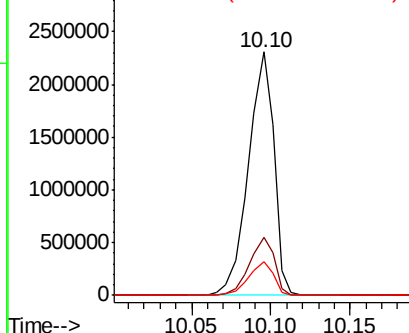
Tot Ion:149 Resp: 2573179
Ion Ratio Lower Upper
149 100
177 24.1 18.7 28.1
150 13.7 10.4 15.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM

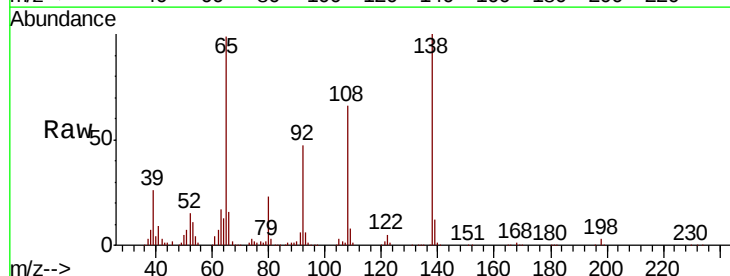


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

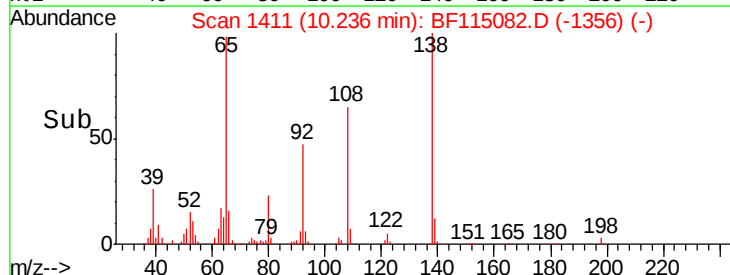
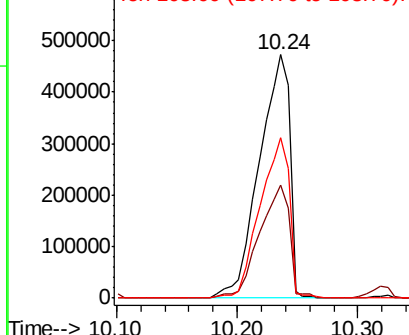


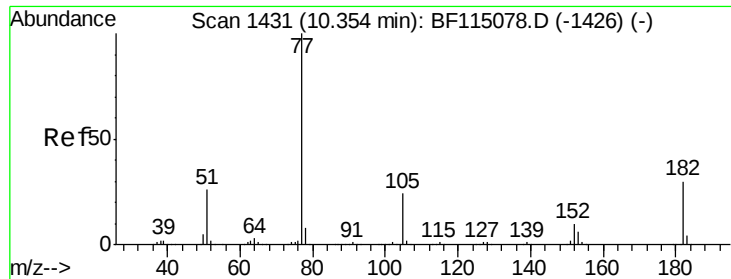
#62
4-Nitroaniline
Concen: 98.248 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:138 Resp: 822464
Ion Ratio Lower Upper
138 100
92 46.6 24.8 64.8
108 65.7 43.3 83.3



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





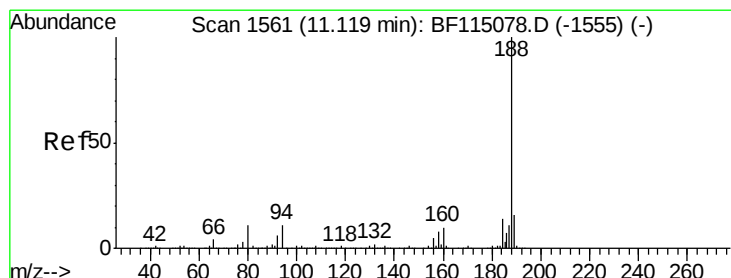
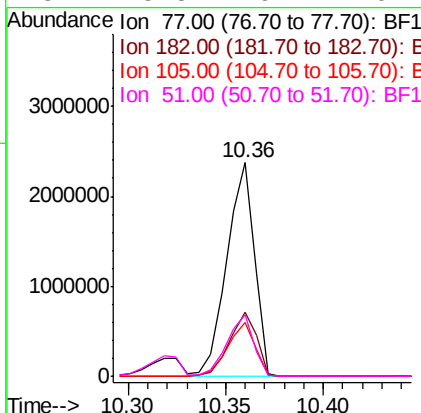
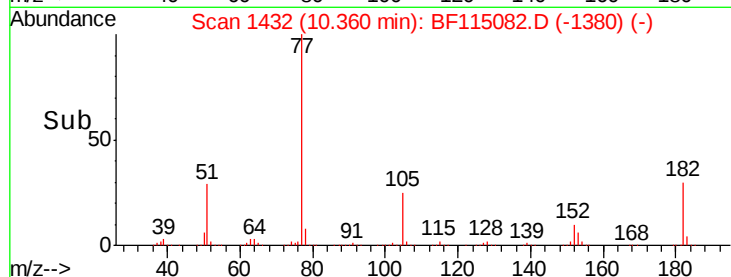
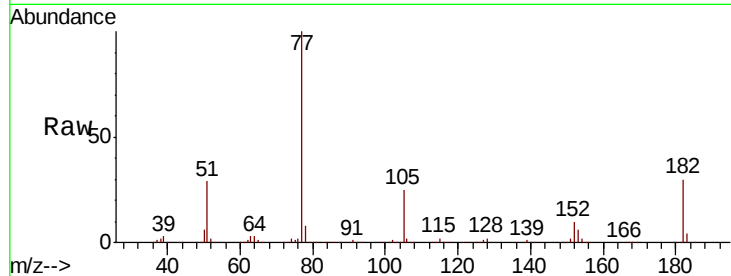
#63
Azobenzene
Concen: 92.957 ng
RT: 10.36 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.2	10.1	50.1	
105	25.2	4.5	44.5	
51	28.8	6.4	46.4	

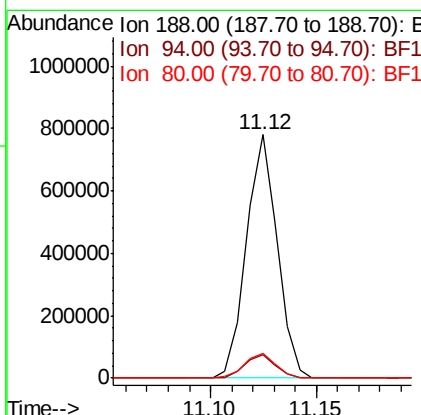
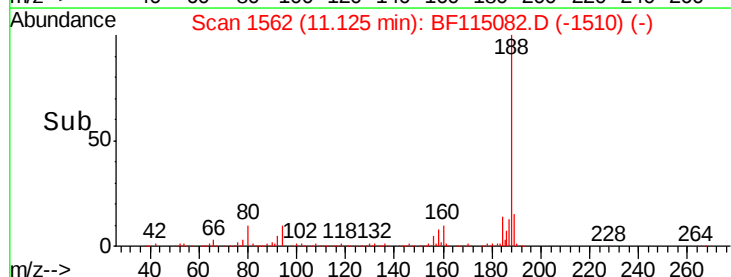
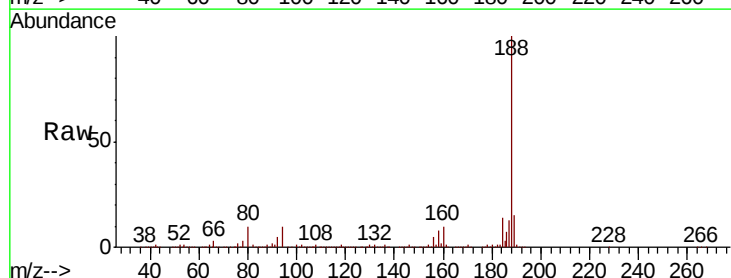
Manual Integrations
APPROVED

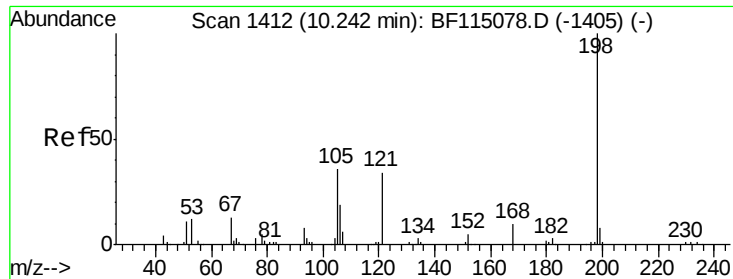
mohammad
6/25/2019 12:41:08 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.3	8.8	13.2	





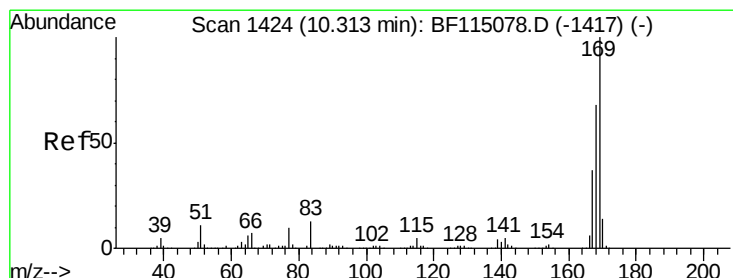
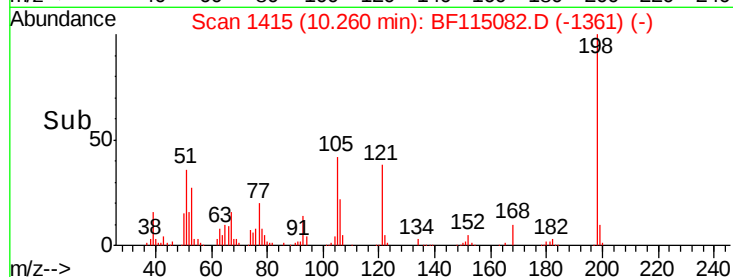
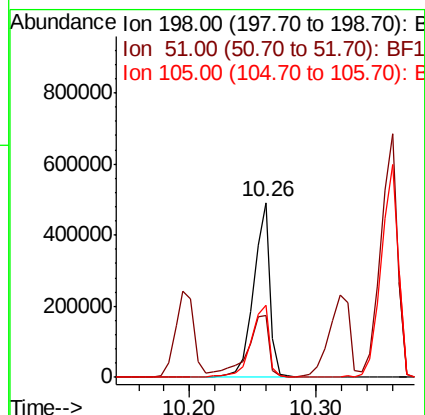
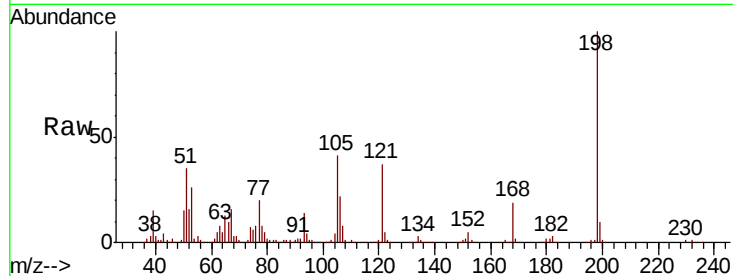
#65
4,6-Dinitro-2-methylphenol
Concen: 100.091 ng
RT: 10.26 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.5	11.0	51.0
105	41.2	17.3	57.3

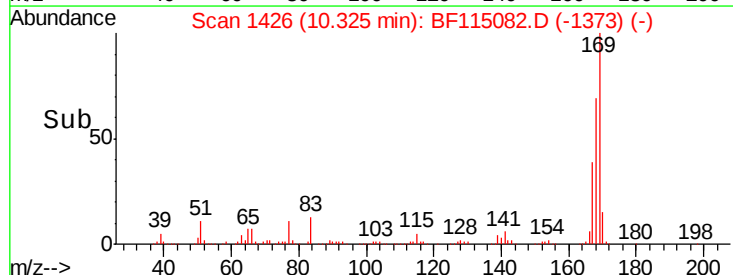
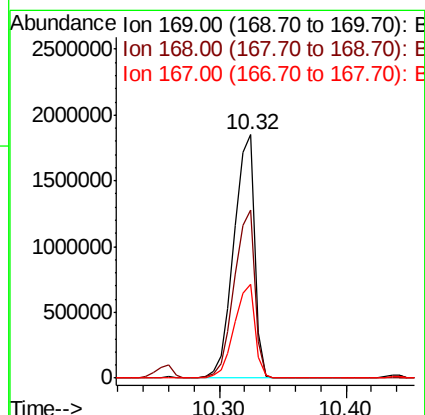
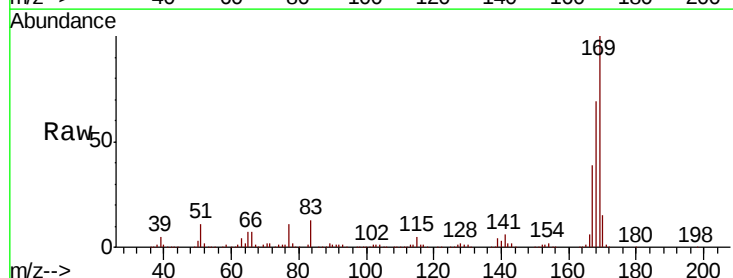
Manual Integrations
APPROVED

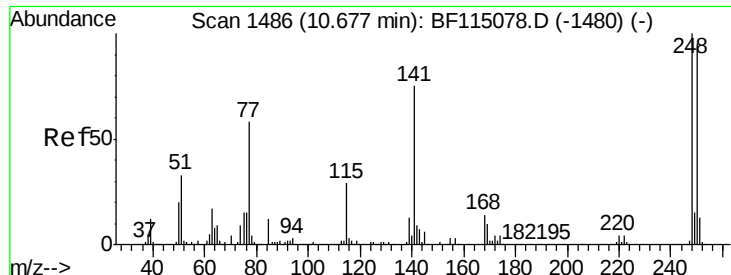
mohammad
6/25/2019 12:41:08 PM



#66
n-Nitrosodiphenylamine
Concen: 87.519 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	54.2	81.4
167	38.6	29.4	44.0





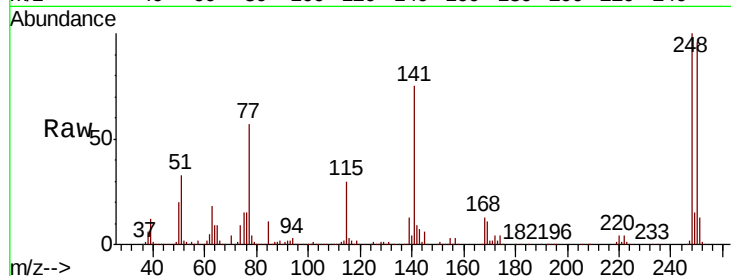
#67
 4-Bromophenyl-phenylether
 Concen: 88.332 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC100

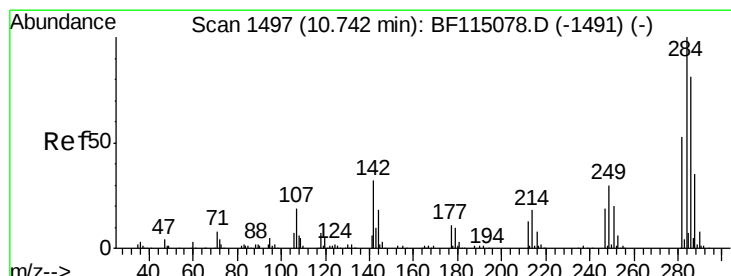
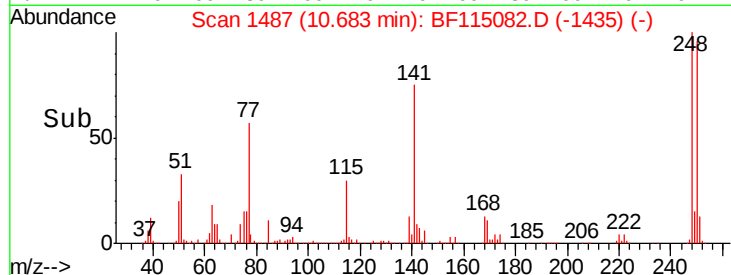
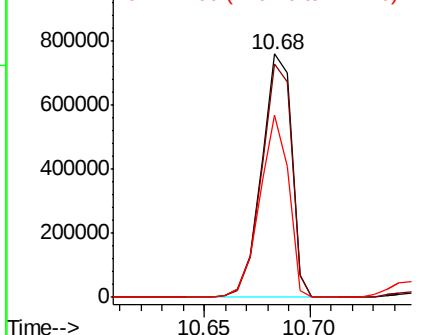
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.2	114.2
141	74.9	59.6	89.4

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:08 PM

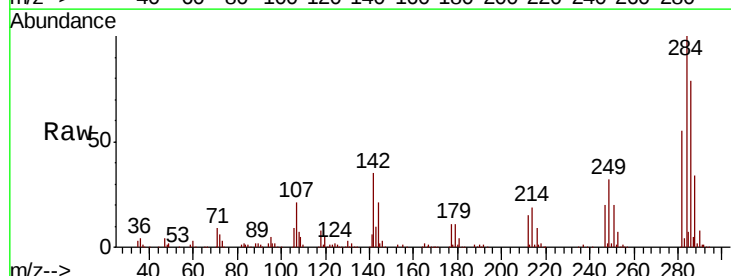


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

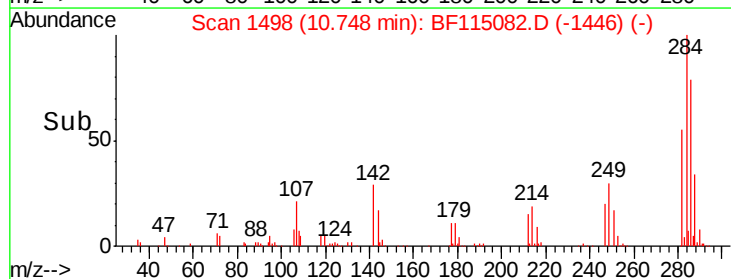
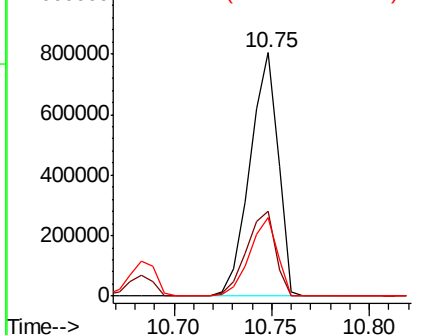


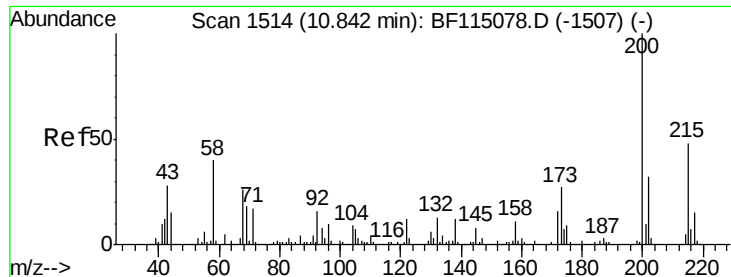
#68
 Hexachlorobenzene
 Concen: 86.192 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.8	38.8
249	32.1	24.2	36.4



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





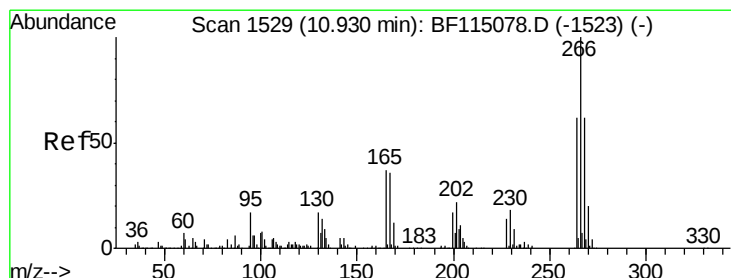
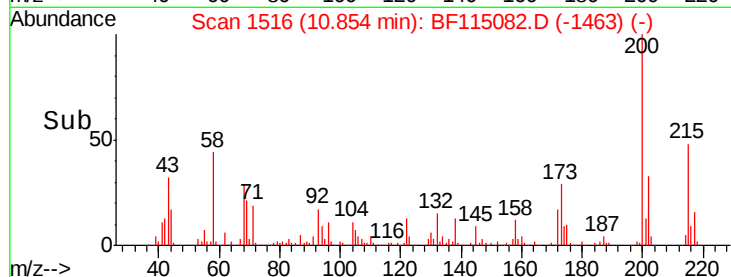
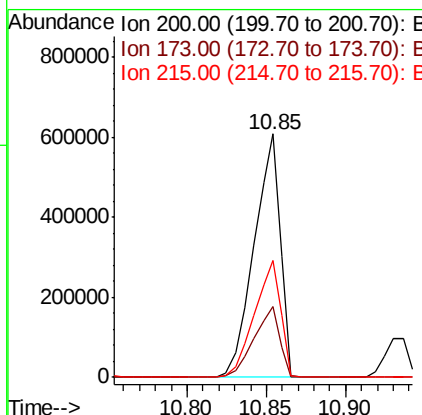
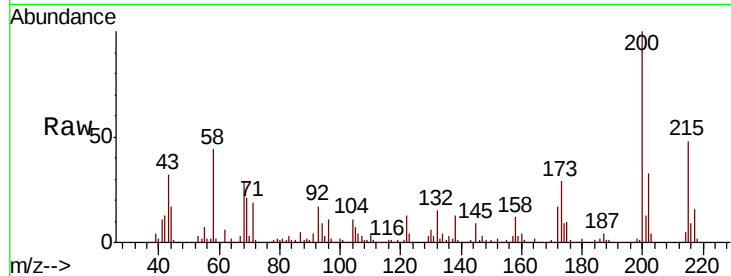
#69
Atrazine
Concen: 91.825 ng
RT: 10.85 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.0	7.4	47.4
215	48.0	27.8	67.8

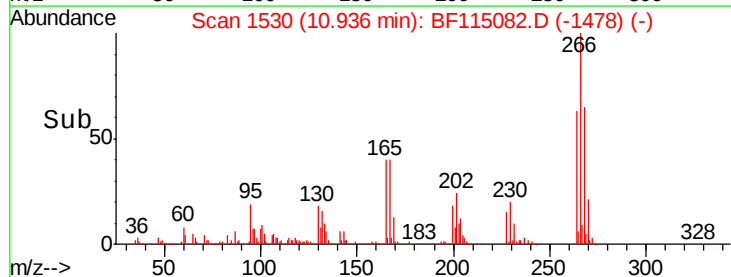
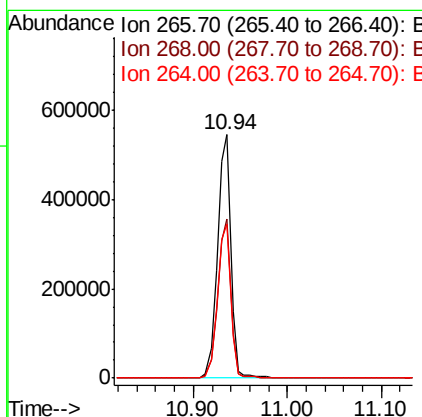
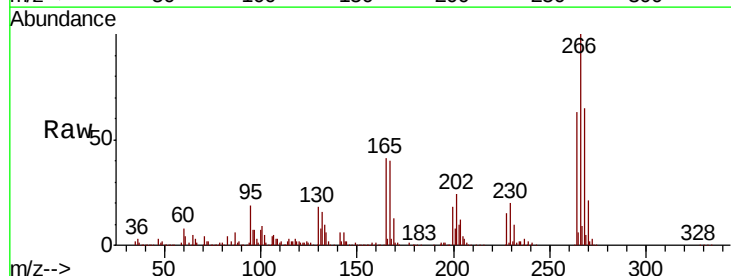
Manual Integrations
APPROVED

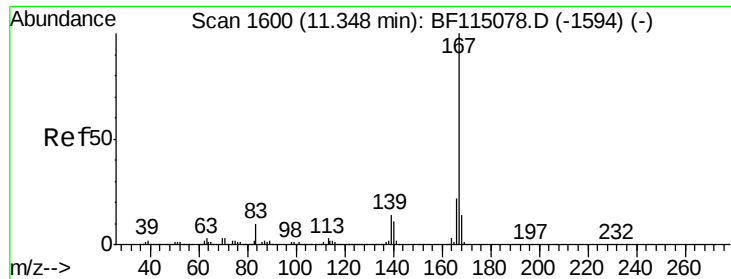
mohammad
6/25/2019 12:41:08 PM



#70
Pentachlorophenol
Concen: 108.038 ng
RT: 10.94 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.5	49.5	74.3
264	63.2	49.3	73.9





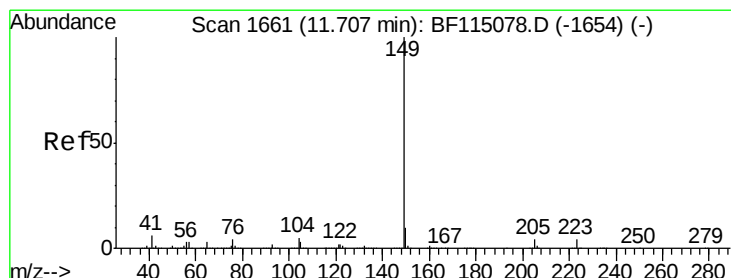
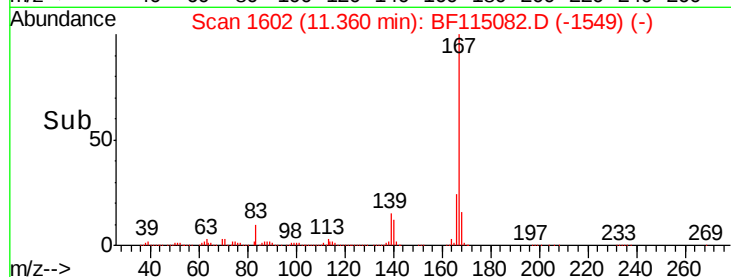
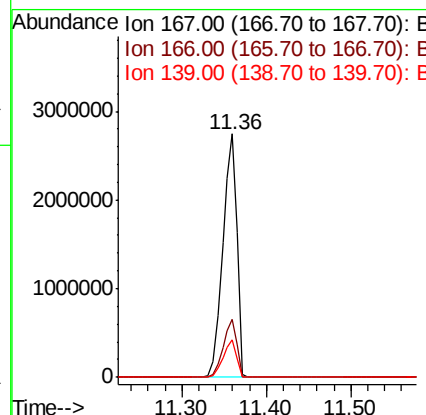
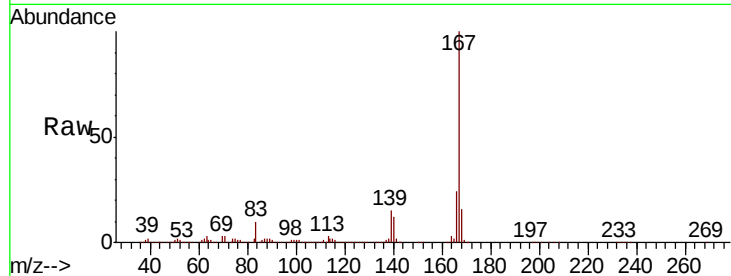
#73
 Carbazole
 Concen: 89.446 ng
 RT: 11.36 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.0	27.0
139	15.5	11.1	16.7

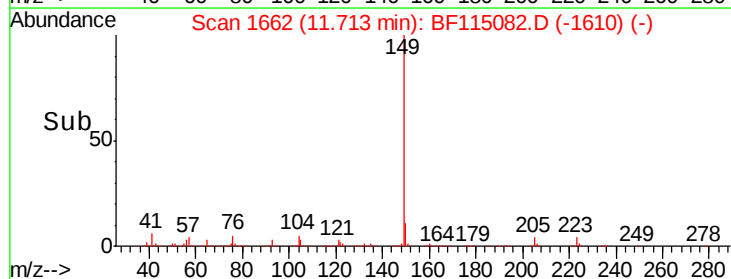
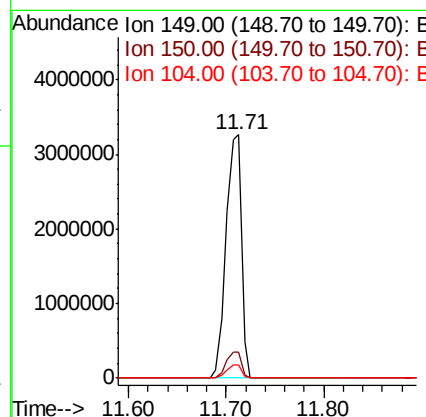
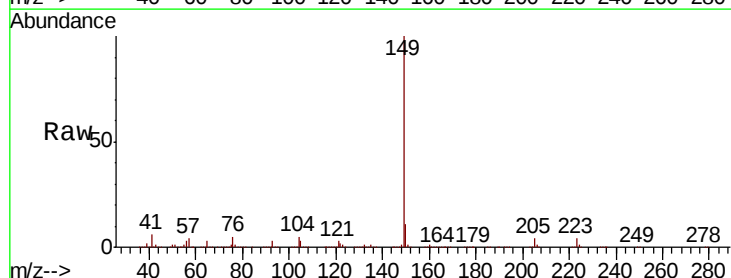
Manual Integrations
 APPROVED

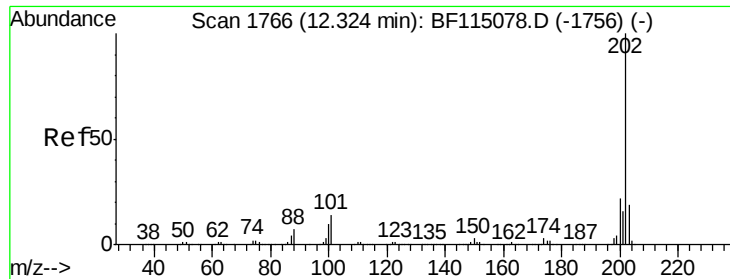
mohammad
 6/25/2019 12:41:08 PM



#74
 Di-n-butylphthalate
 Concen: 78.797 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.3	3.7	5.5





#75

Fluoranthene

Concen: 82.507 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

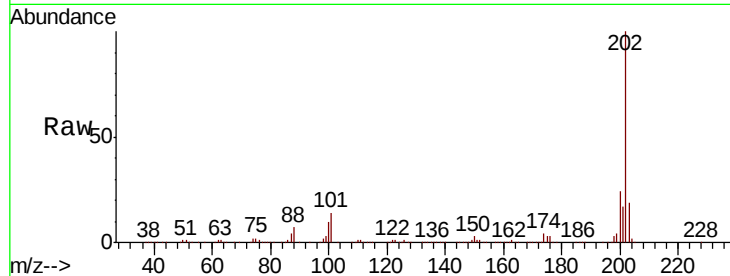
ClientSampleId :

SSTDICC100

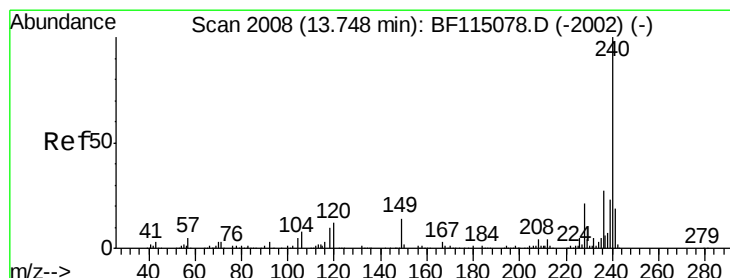
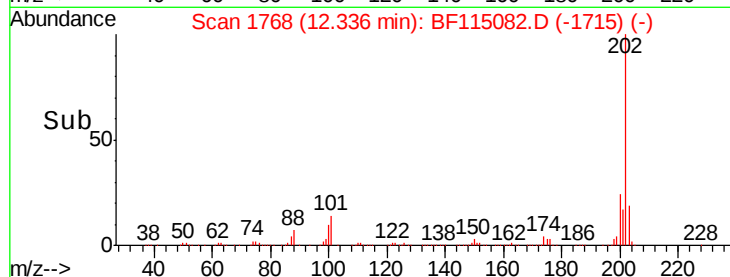
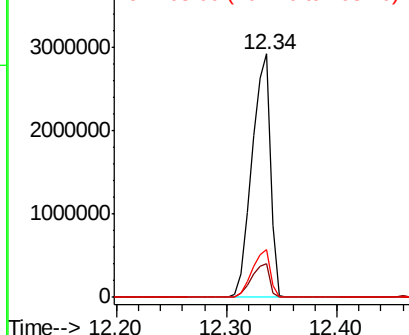
Tot Ion:	202	Resp:	3443900
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.0
203	19.4	0.0	38.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

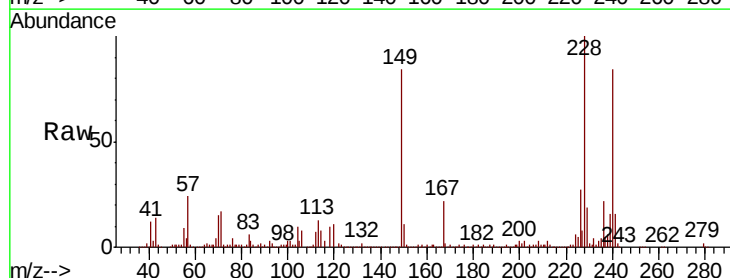
RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

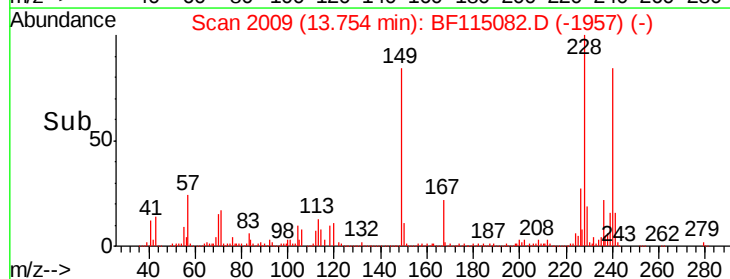
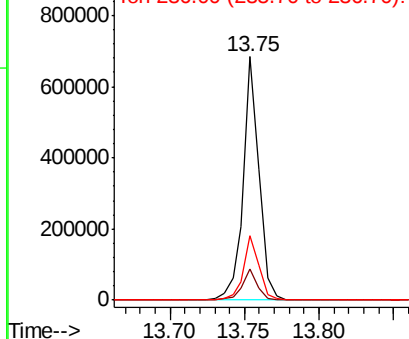
Lab File: BF115082.D

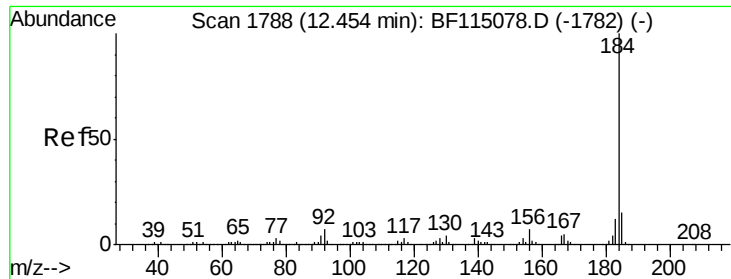
Acq: 21 Jun 2019 16:25

Tgt Ion:	240	Resp:	501120
Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	26.5	21.7	32.5



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





#77

Benzidine

Concen: 91.171 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 1847952

Ion Ratio Lower Upper

184 100

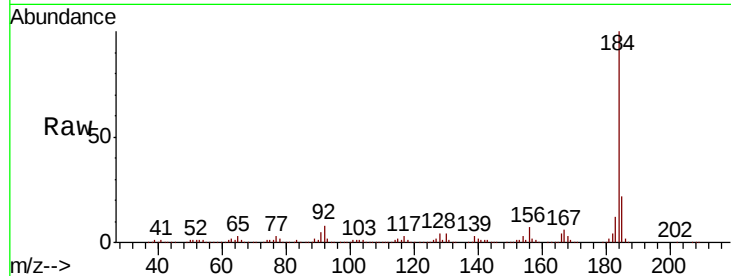
185 21.6 12.2 18.2#

183 12.5 9.6 14.4

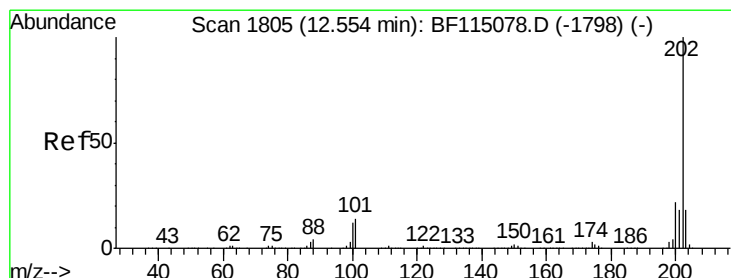
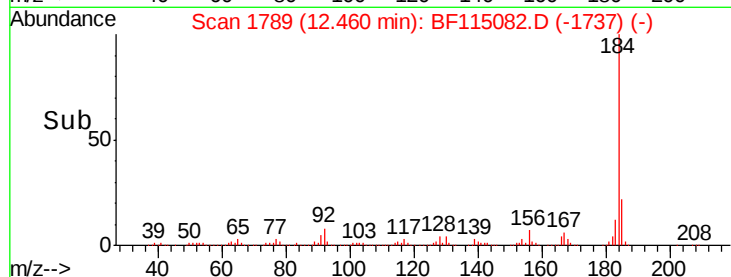
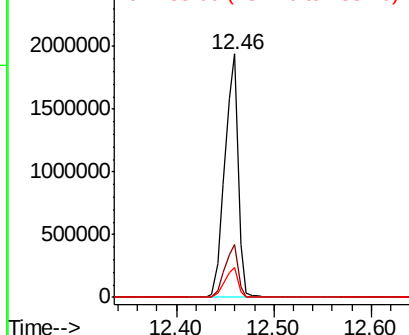
Manual Integrations
APPROVED

mohammad

6/25/2019 12:41:08 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: 79.438 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

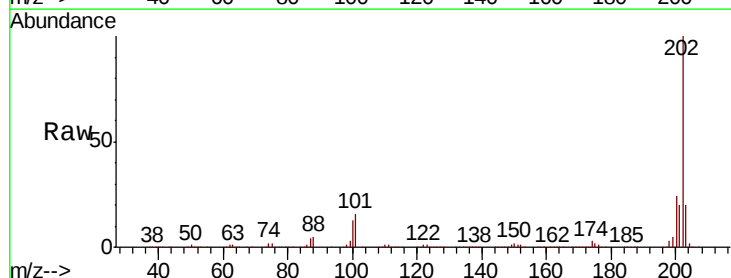
Tgt Ion:202 Resp: 3626417

Ion Ratio Lower Upper

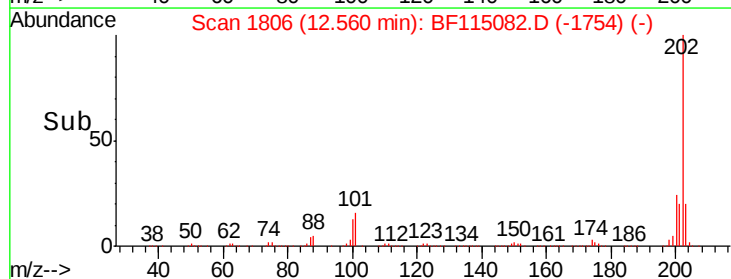
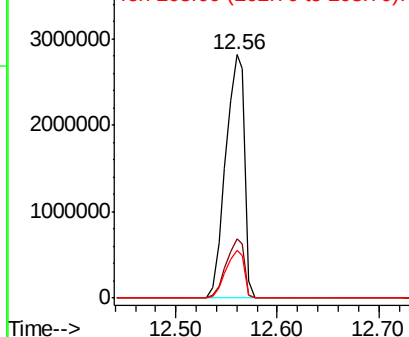
202 100

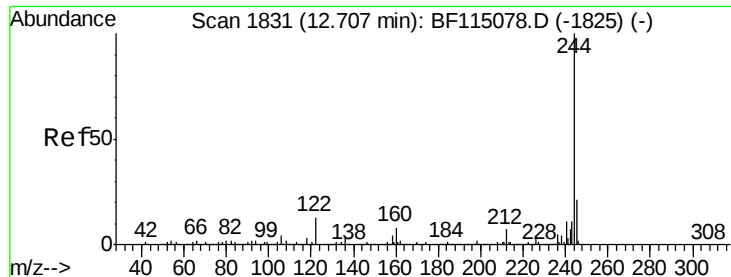
200 24.2 17.9 26.9

203 19.7 14.6 21.8



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





#79

Terphenyl-d14

Concen: 155.681 ng

RT: 12.72 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:244 Resp: 4147821

Ion Ratio Lower Upper

244 100

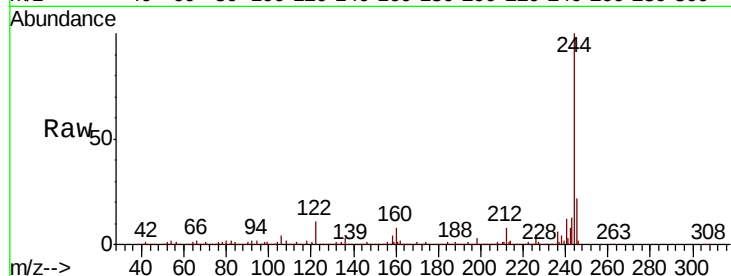
212 7.6 5.8 8.6

122 11.3 10.4 15.6

Manual Integrations
APPROVED

mohammad

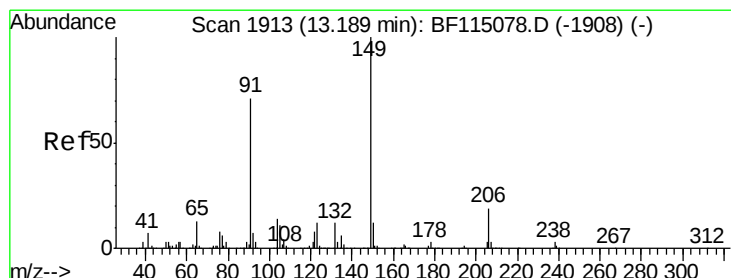
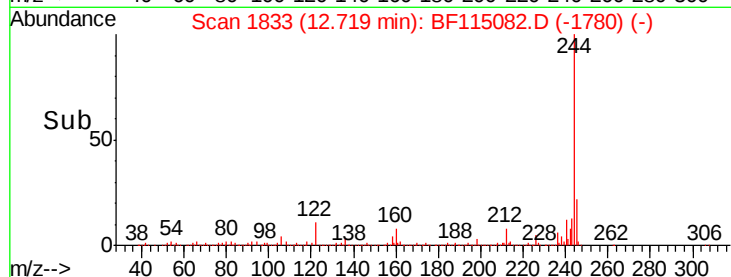
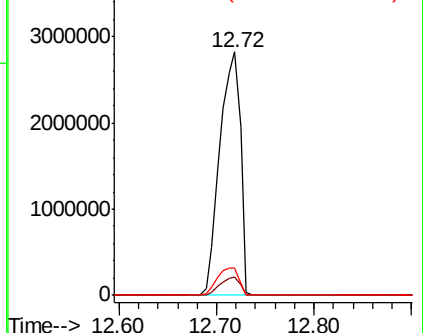
6/25/2019 12:41:08 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 81.628 ng

RT: 13.20 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

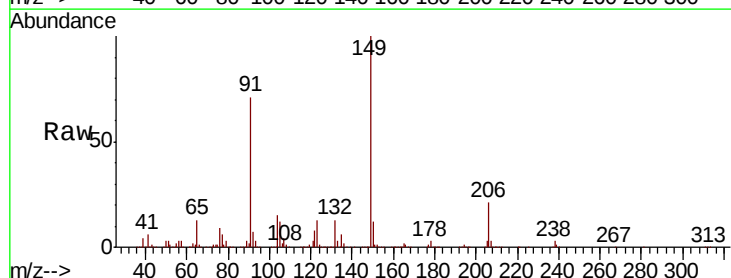
Tgt Ion:149 Resp: 1740526

Ion Ratio Lower Upper

149 100

91 70.9 56.5 84.7

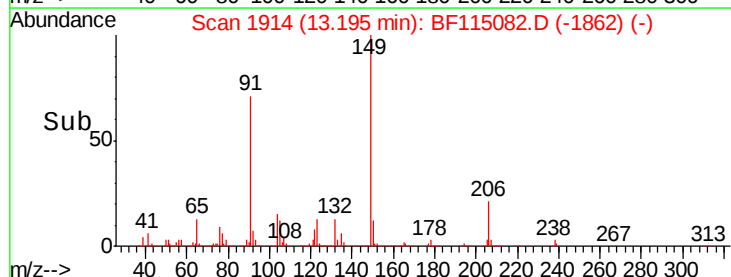
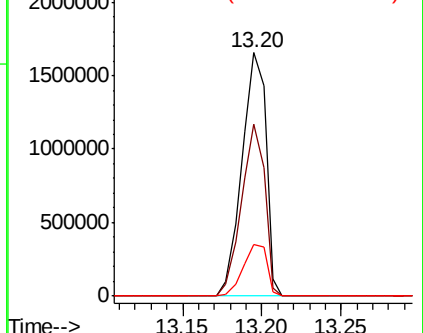
206 21.1 15.3 22.9

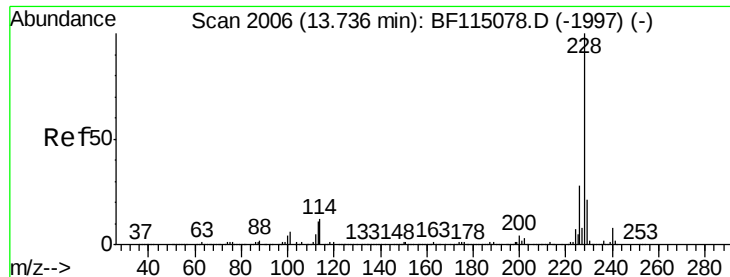


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





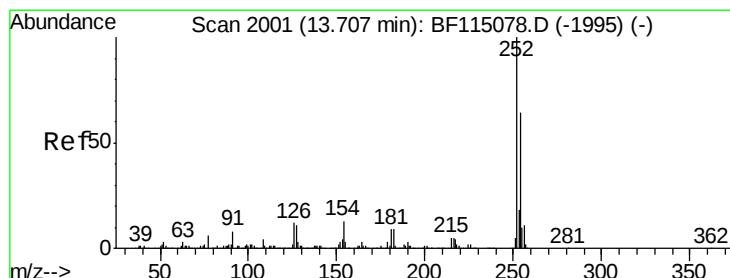
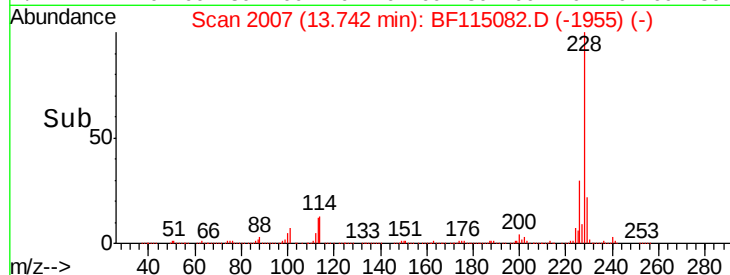
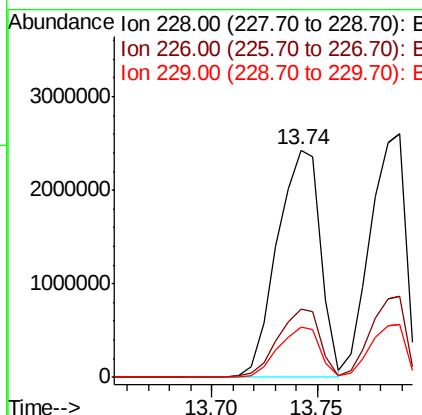
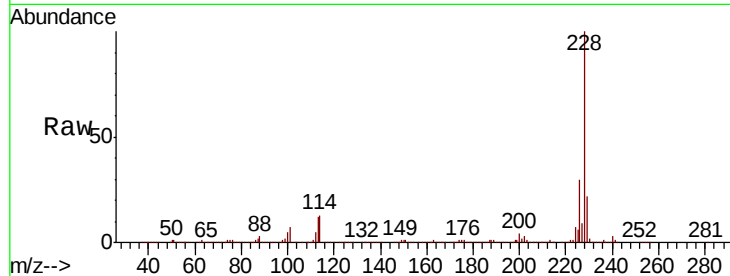
#81
Benzo(a)anthracene
Concen: 92.373 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:228 Resp: 3463973
Ion Ratio Lower Upper
228 100
226 30.1 22.5 33.7
229 22.1 16.6 24.8

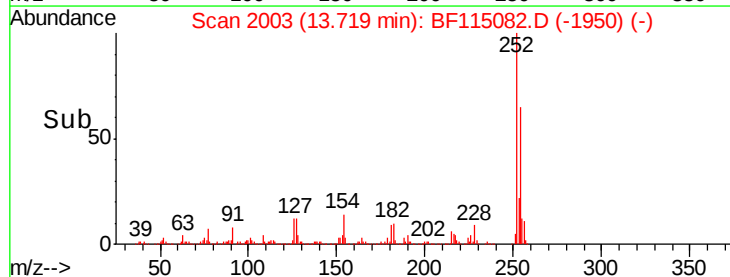
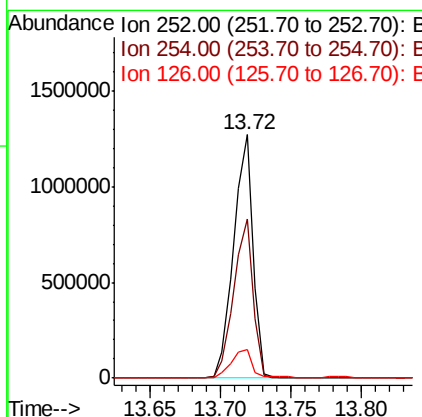
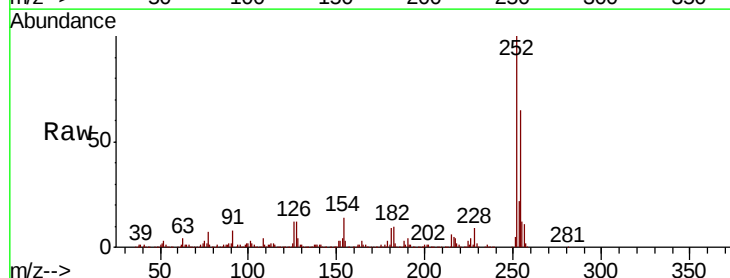
Manual Integrations
APPROVED

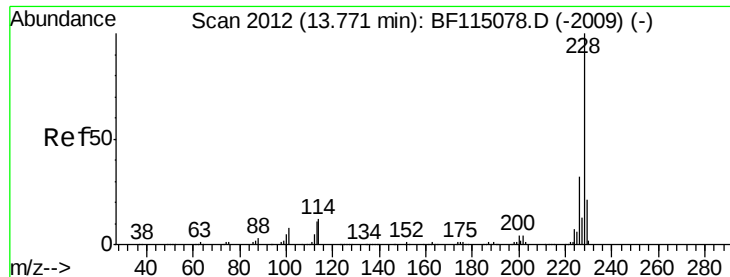
mohammad
6/25/2019 12:41:08 PM



#82
3,3'-Dichlorobenzidine
Concen: 84.386 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion:252 Resp: 1213213
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 11.9 9.4 14.0





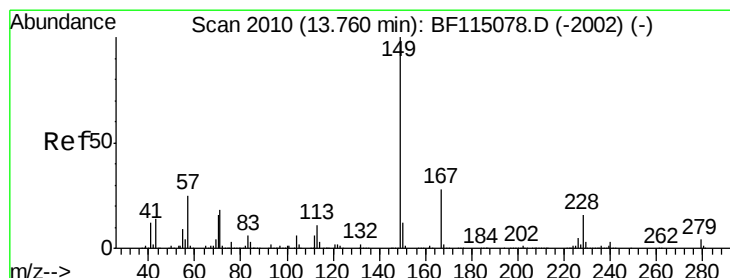
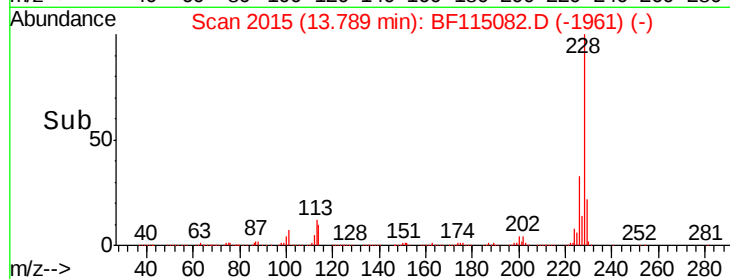
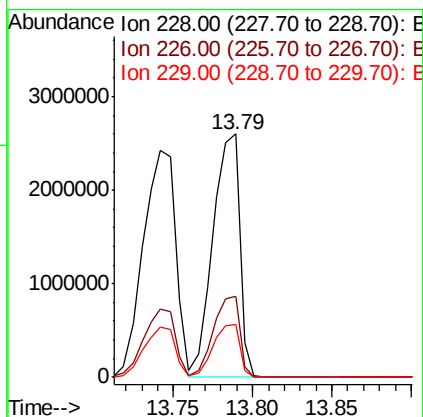
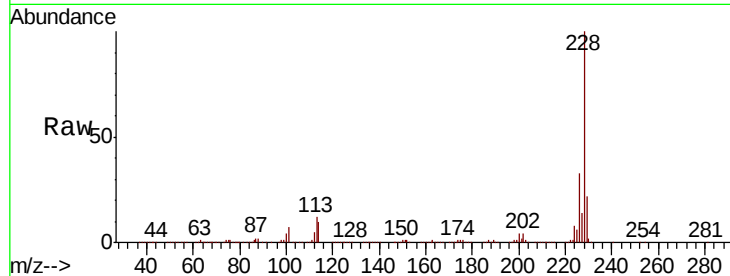
#83
Chrysene
Concen: 82.015 ng
RT: 13.79 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.0
229	21.5	16.5	24.7

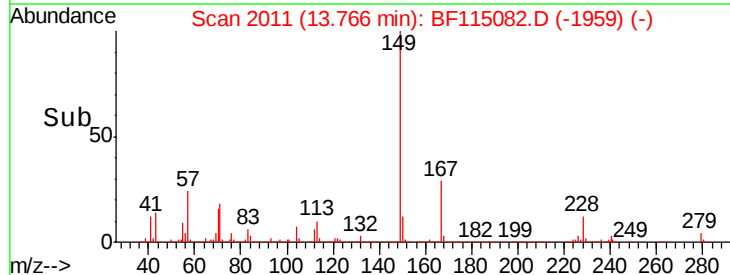
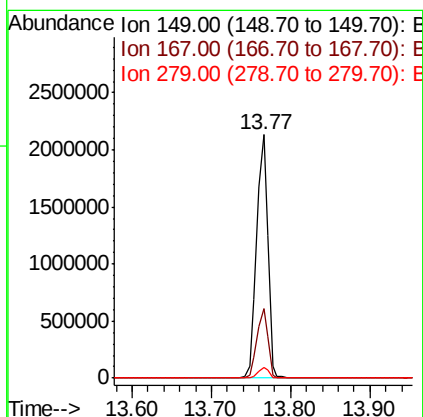
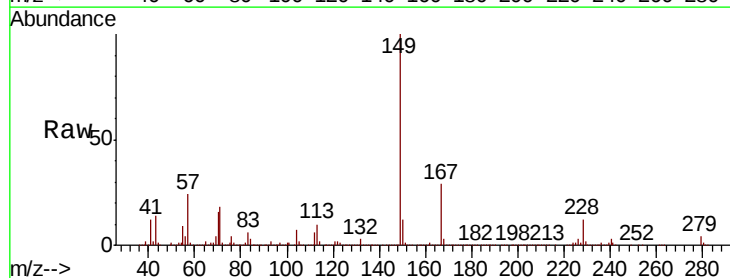
Manual Integrations
APPROVED

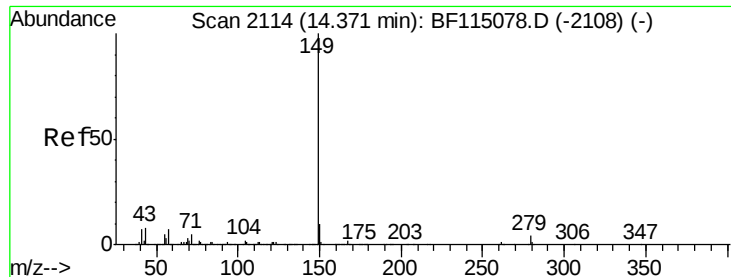
mohammad
6/25/2019 12:41:08 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 84.466 ng
RT: 13.77 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.4
279	4.4	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 82.997 ng

RT: 14.38 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 3601838

Ion Ratio Lower Upper

149 100

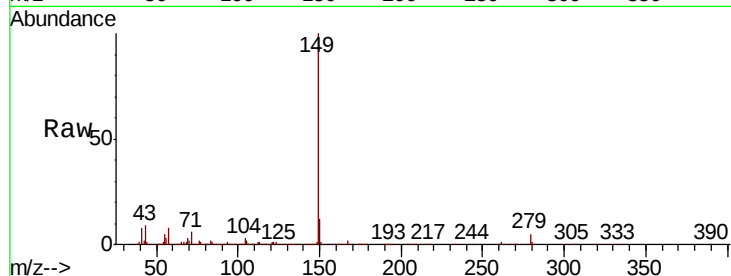
167 1.7 1.2 1.8

43 9.2 7.0 10.6

Manual Integrations
APPROVED

mohammad

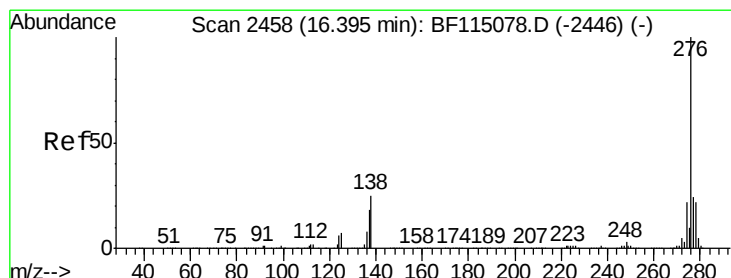
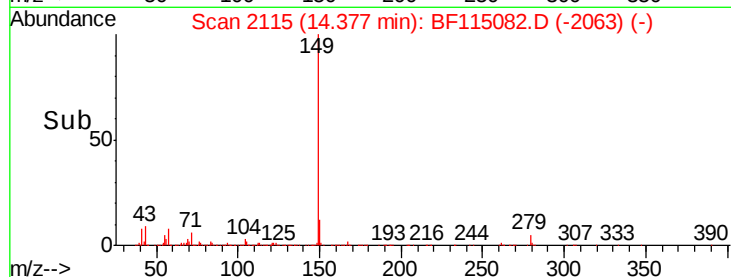
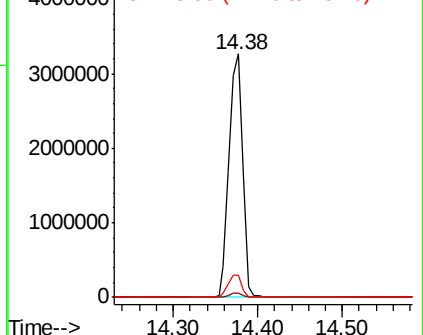
6/25/2019 12:41:08 PM



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: 121.229 ng

RT: 16.42 min Scan# 2462

Delta R.T. 0.02 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

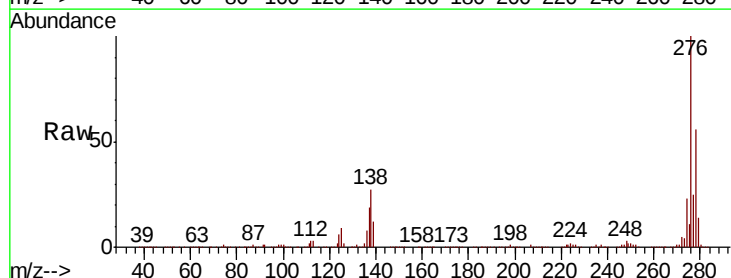
Tgt Ion:276 Resp: 3971013

Ion Ratio Lower Upper

276 100

138 29.0 23.2 34.8

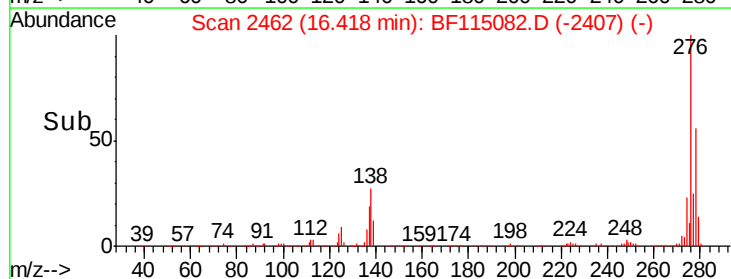
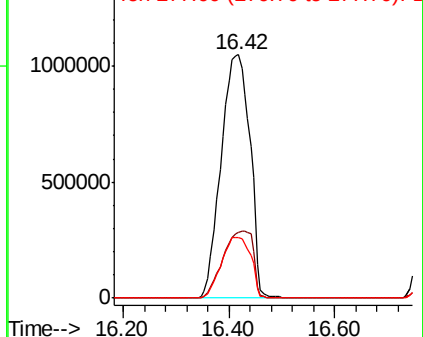
277 25.6 20.1 30.1

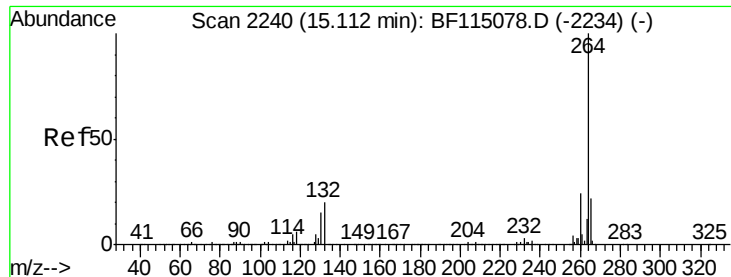


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Instrument :

BNA_F

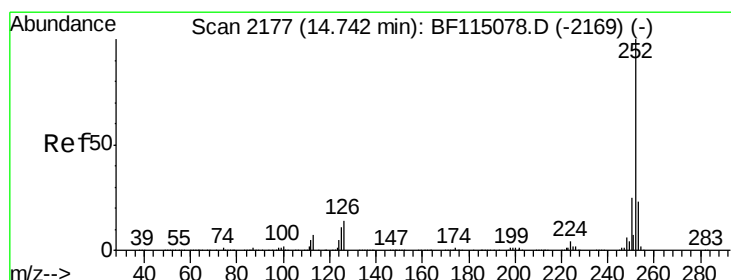
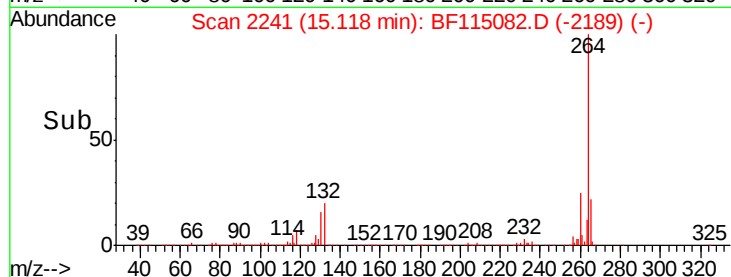
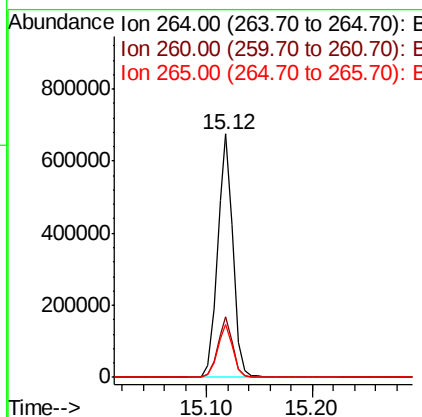
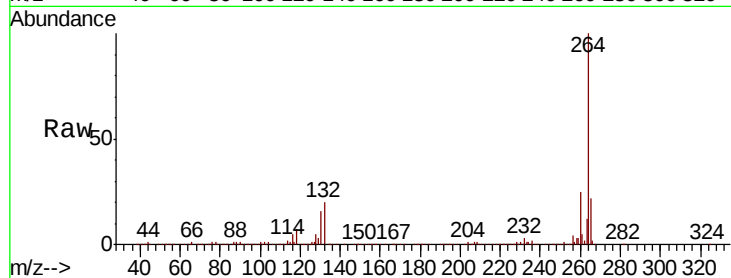
ClientSampleId :

SSTDICC100

Tot Ion:	264	Resp:	688354
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.0	17.3	25.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:08 PM



#88

Benzo(b)fluoranthene

Concen: 90.616 ng

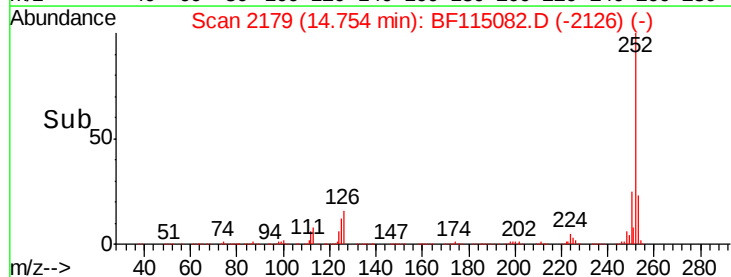
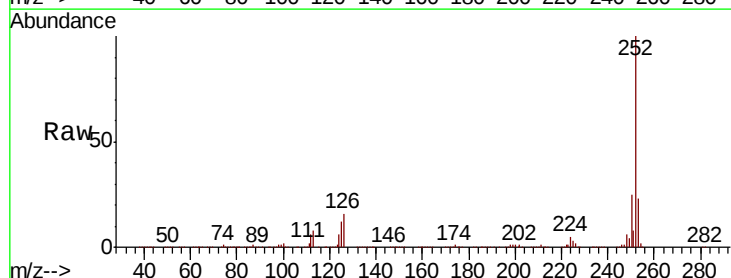
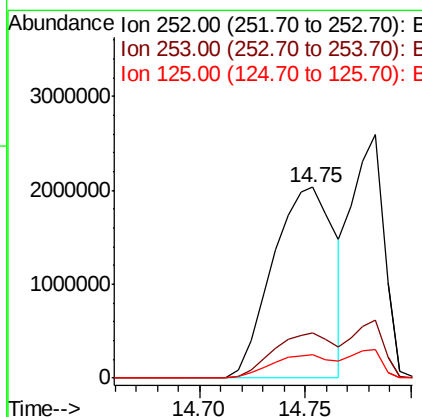
RT: 14.75 min Scan# 2179

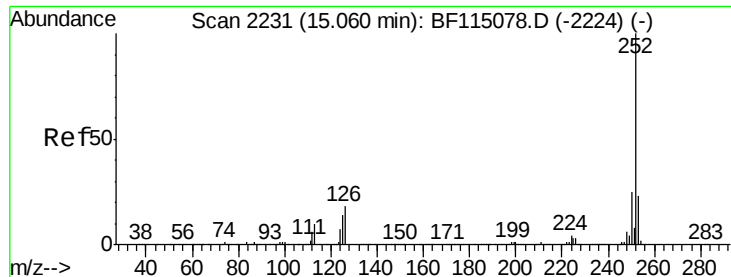
Delta R.T. 0.01 min

Lab File: BF115082.D

Acq: 21 Jun 2019 16:25

Tgt Ion:	252	Resp:	4146545
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.1	8.7	13.1





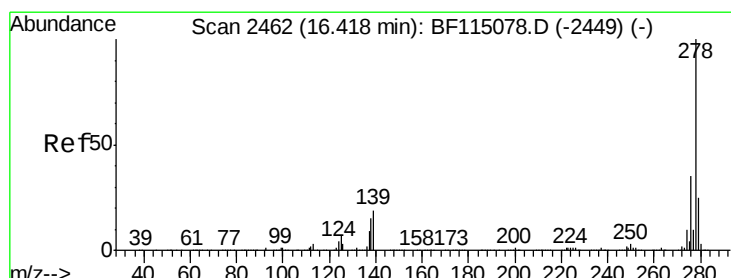
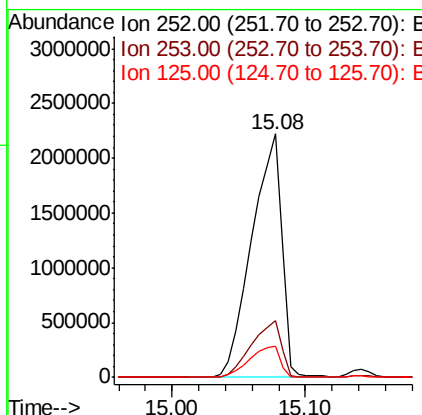
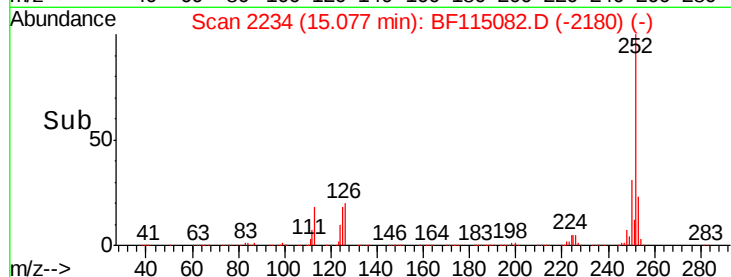
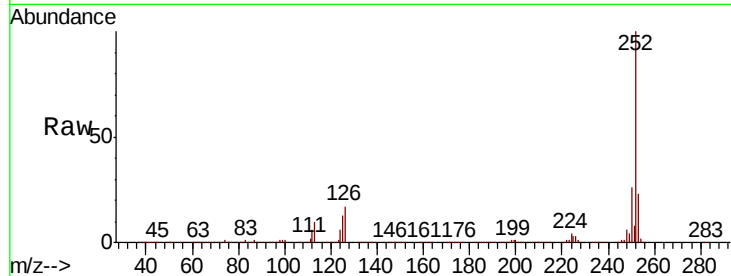
#90
Benzo(a)pyrene
Concen: 87.319 ng
RT: 15.08 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.8	10.9	16.3

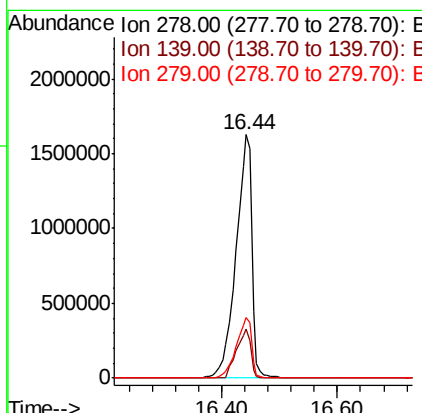
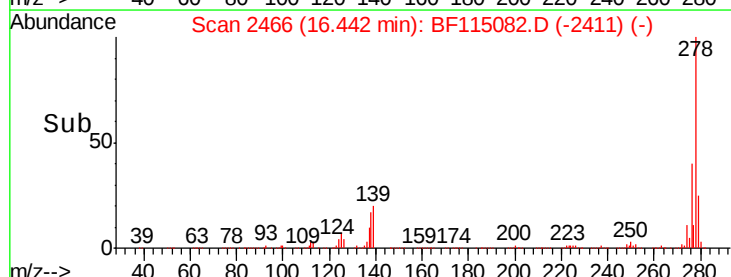
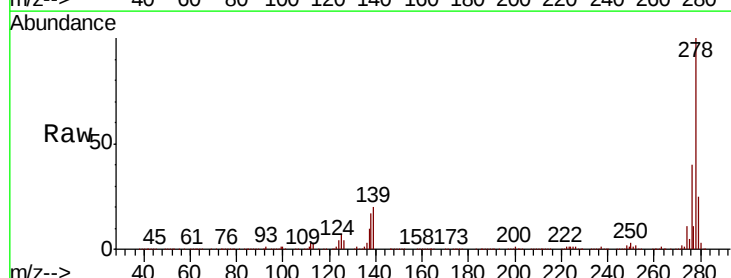
Manual Integrations
APPROVED

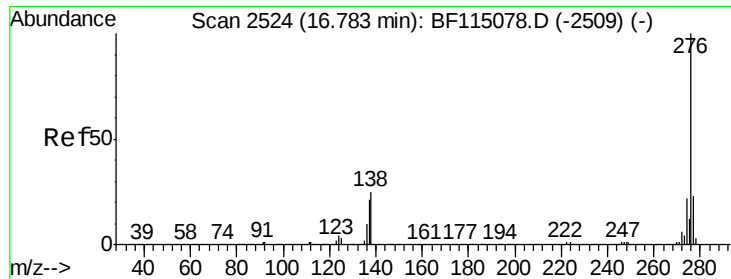
mohammad
6/25/2019 12:41:08 PM



#91
Dibenzo(a,h)anthracene
Concen: 90.671 ng
RT: 16.44 min Scan# 2466
Delta R.T. 0.02 min
Lab File: BF115082.D
Acq: 21 Jun 2019 16:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.4	23.2
279	24.7	19.9	29.9





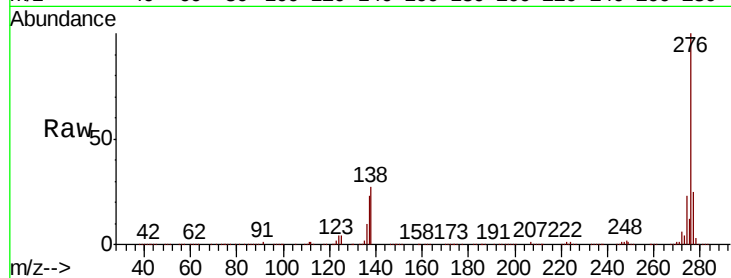
#92
 Benzo(a,h,i)perylene
 Concen: 91.842 ng
 RT: 16.81 min Scan# 2528
 Delta R.T. 0.02 min
 Lab File: BF115082.D
 Acq: 21 Jun 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.6	18.6	28.0	
138	26.5	19.8	29.6	

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:08 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

