

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115081.D
 Acq On : 21 Jun 2019 15:59
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:06 PM

Quant Time: Jun 21 17:50:38 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	195702	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	818331	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	404516	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	786477	20.00	ng	0.00
76) Chrysene-d12	13.75	240	539075	20.00	ng	0.00
87) Perylene-d12	15.12	264	691909	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1898097	161.95	ng	0.00
7) Phenol-d6	6.27	99	2255615	159.54	ng	0.01
23) Nitrobenzene-d5	7.20	82	2015995	148.29	ng	0.01
42) 2,4,6-Tribromophenol	10.44	330	629875	145.41	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3152222	132.07	ng	0.00
79) Terphenyl-d14	12.72	244	3483653	121.55	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	465680	84.884	ng	99
3) Pyridine	2.86	79	1327762	85.964	ng	99
4) n-Nitrosodimethylamine	2.83	42	522286	95.245	ng	99
6) Aniline	6.29	93	1565415	82.679	ng	98
8) 2-Chlorophenol	6.41	128	1072290	80.686	ng	98
9) Benzaldehyde	6.17	77	699695	86.086	ng	98
10) Phenol	6.28	94	1334771	84.384	ng	91
11) bis(2-Chloroethyl)ether	6.37	93	992029	80.803	ng	97
12) 1,3-Dichlorobenzene	6.57	146	1162927	74.918	ng	99
13) 1,4-Dichlorobenzene	6.64	146	1168819	74.897	ng	98
14) 1,2-Dichlorobenzene	6.80	146	1052875	71.662	ng	97
15) Benzyl Alcohol	6.77	79	803807	75.884	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1450848	88.295	ng	99
17) 2-Methylphenol	6.88	107	902598	81.426	ng	99
18) Hexachloroethane	7.14	117	435671	77.305	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	748789	87.172	ng	97
20) 3+4-Methylphenols	7.05	107	963259	73.015	ng	# 84
22) Acetophenone	7.04	105	1361183	73.481	ng	# 99
24) Nitrobenzene	7.21	77	1107412	80.058	ng	97
25) Isophorone	7.46	82	2086666	81.949	ng	99
26) 2-Nitrophenol	7.52	139	594652	77.127	ng	100
27) 2,4-Dimethylphenol	7.57	122	888199	79.856	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	1289256	78.918	ng	98
29) 2,4-Dichlorophenol	7.77	162	931065	79.240	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	1008420	74.275	ng	99
31) Naphthalene	7.93	128	2796829	72.235	ng	98
32) Benzoic acid	7.73	122	778961	96.794	ng	100
33) 4-Chloroaniline	7.98	127	1376518	77.018	ng	98
34) Hexachlorobutadiene	8.05	225	541157	71.710	ng	98
35) Caprolactam	8.38	113	324582m	82.940	ng	
36) 4-Chloro-3-methylphenol	8.47	107	945239	79.828	ng	99
37) 2-Methylnaphthalene	8.62	142	1907963	73.882	ng	97
38) 1-Methylnaphthalene	8.72	142	1832247	75.069	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	811866	67.933	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115081.D
 Acq On : 21 Jun 2019 15:59
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

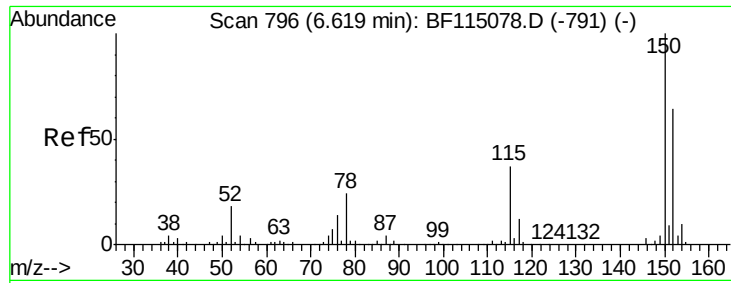
Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:06 PM

Quant Time: Jun 21 17:50:38 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	498486	84.648	nq	100
43) 2,4,6-Trichlorophenol	8.90	196	674475	75.561	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	706086	78.273	nq	99
46) 1,1'-Biphenyl	9.08	154	2163416	66.740	nq	98
47) 2-Chloronaphthalene	9.11	162	1879278	71.693	nq	97
48) 2-Nitroaniline	9.20	65	613292	79.157	nq	98
49) Acenaphthylene	9.52	152	2853507	70.802	nq	98
50) Dimethylphthalate	9.40	163	2160150	71.008	nq	99
51) 2,6-Dinitrotoluene	9.45	165	541255	78.435	nq	94
52) Acenaphthene	9.69	154	1836556	79.648	nq	99
53) 3-Nitroaniline	9.61	138	646518	76.468	nq	98
54) 2,4-Dinitrophenol	9.71	184	285027	85.155	nq	94
55) Dibenzofuran	9.86	168	2483771	71.472	nq	96
56) 4-Nitrophenol	9.77	139	529498	90.817	nq	95
57) 2,4-Dinitrotoluene	9.85	165	702896	80.028	nq	96
59) 2,3,4,6-Tetrachlorophenol	9.98	232	570787	78.334	nq	100
60) Diethylphthalate	10.10	149	2192249	75.367	nq	98
62) 4-Nitroaniline	10.23	138	664282	78.144	nq	98
63) Azobenzene	10.35	77	2003050	78.714	nq	97
65) 4,6-Dinitro-2-methylphenol	10.25	198	354227	80.359	nq	91
66) n-Nitrosodiphenylamine	10.32	169	1794155	76.317	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	632372	74.886	nq	97
68) Hexachlorobenzene	10.75	284	681799	73.337	nq	98
69) Atrazine	10.85	200	593652	78.321	nq	99
70) Pentachlorophenol	10.93	266	456079	90.333	nq	97
71) Phenanthrene	11.15	178	2834635	69.807	nq	99
72) Anthracene	11.21	178	2870710	70.076	nq	98
73) Carbazole	11.36	167	2712698	75.866	nq	99
74) Di-n-butylphthalate	11.71	149	3146724	69.807	nq	# 97
75) Fluoranthene	12.33	202	3011266	72.521	nq	99
77) Benzidine	12.46	184	1794959	82.321	nq	# 94
78) Pyrene	12.56	202	3100187	63.129	nq	97
80) Butylbenzylphthalate	13.19	149	1467233	63.966	nq	97
81) Benzo(a)anthracene	13.74	228	2972974	73.697	nq	97
82) 3,3'-Dichlorobenzidine	13.71	252	1065589	68.899	nq	98
83) Chrysene	13.78	228	2609826	65.059	nq	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	1837127	67.766	nq	99
85) Di-n-octyl phthalate	14.37	149	3100991	66.425	nq	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	3399278	96.469	nq	100
88) Benzo(b)fluoranthene	14.75	252	3216098	69.922	nq	97
89) Benzo(k)fluoranthene	14.78	252	2666389	66.045	nq	100
90) Benzo(a)pyrene	15.07	252	2905972	73.218	nq	100
91) Dibenzo(a,h)anthracene	16.44	278	2656848	77.731	nq	99
92) Benzo(g,h,i)perylene	16.80	276	2748812	78.856	nq	98

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



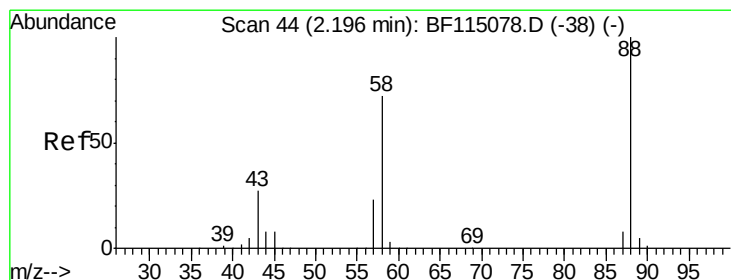
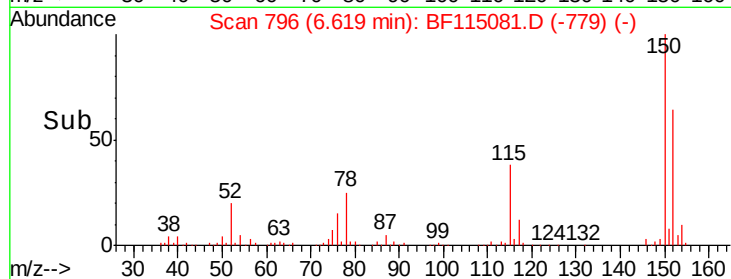
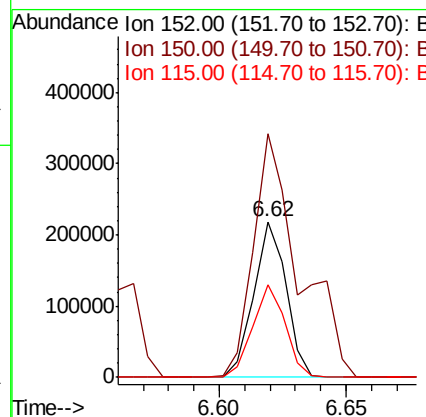
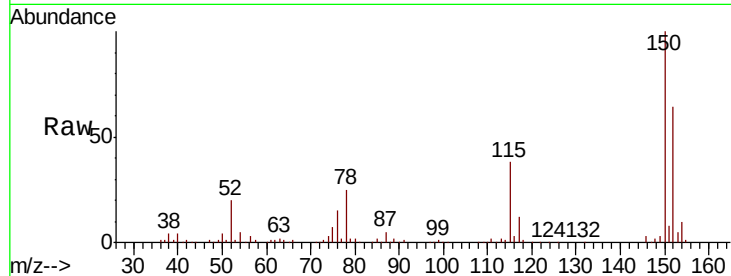
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	59.9	46.1	69.1

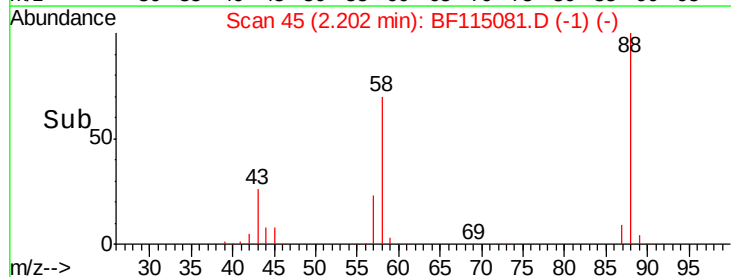
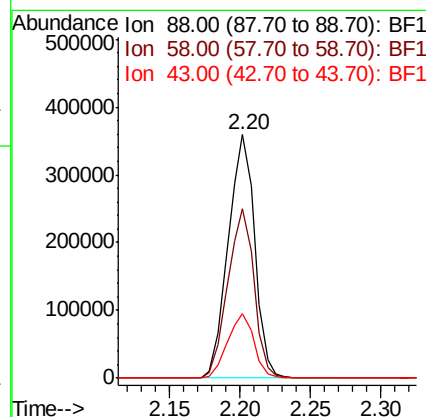
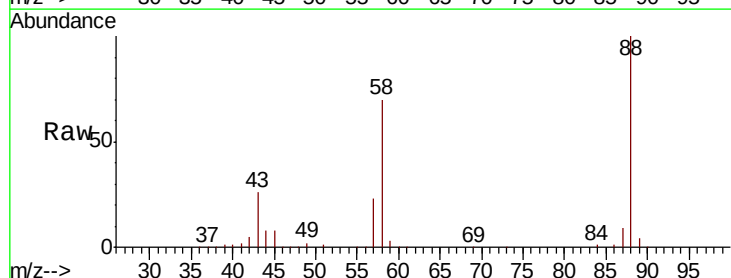
Manual Integrations
 APPROVED

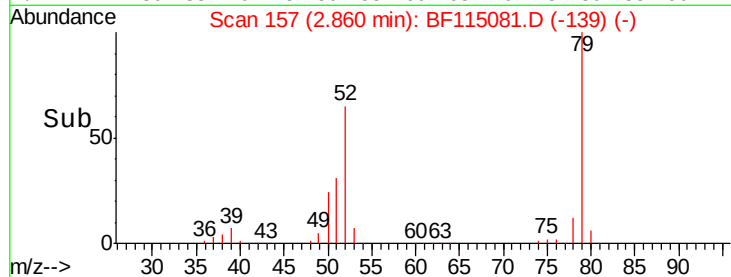
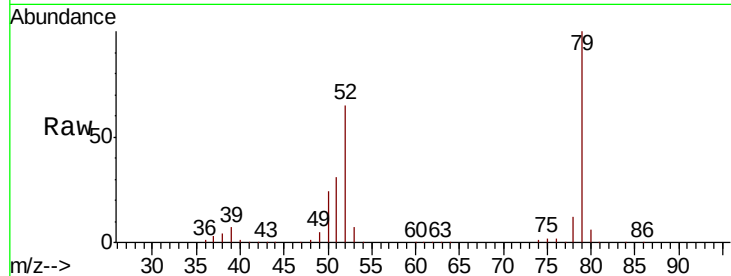
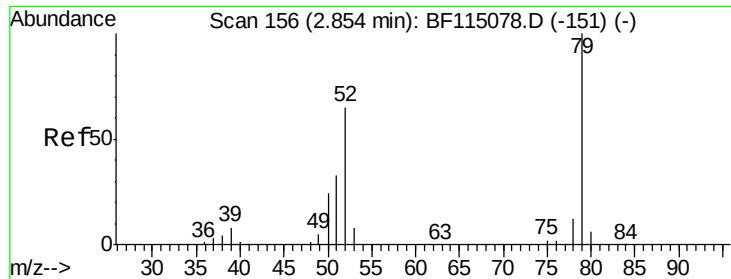
mohammad
 6/25/2019 12:41:06 PM



#2
 1,4-Dioxane
 Concen: 84.884 ng
 RT: 2.20 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	26.7	21.3	31.9





#3

Pvridine

Concen: 85.964 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tot Ion: 79 Resp: 1327762

Ion Ratio Lower Upper

79 100

52 65.2 52.3 78.5

51 31.2 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

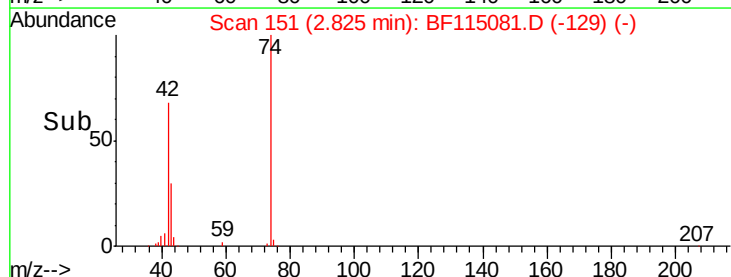
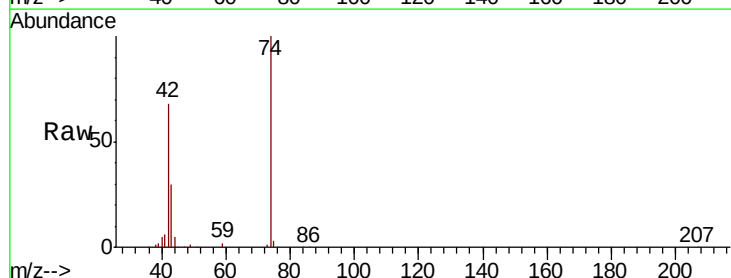
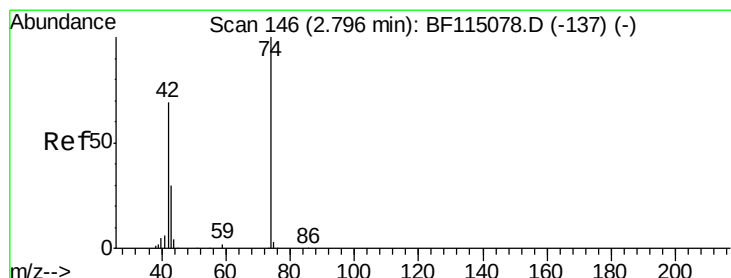
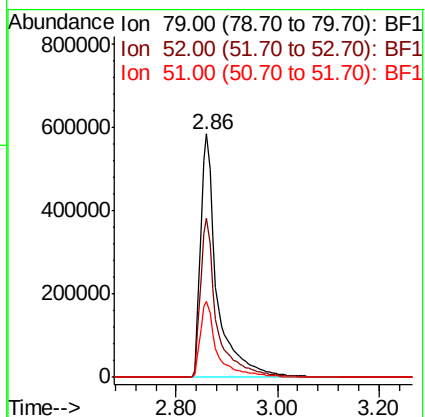
SSTDIC080

Manual Integrations

APPROVED

mohammad

6/25/2019 12:41:06 PM



#4

n-Nitrosodimethylamine

Concen: 95.245 ng

RT: 2.83 min Scan# 151

Delta R.T. 0.03 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

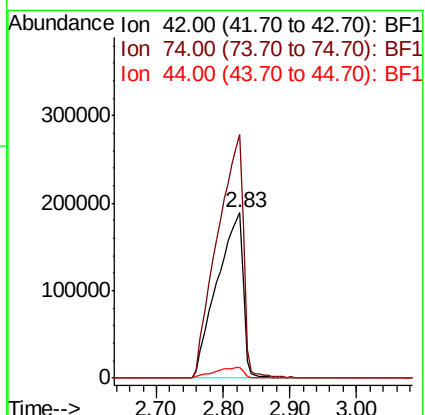
Tgt Ion: 42 Resp: 522286

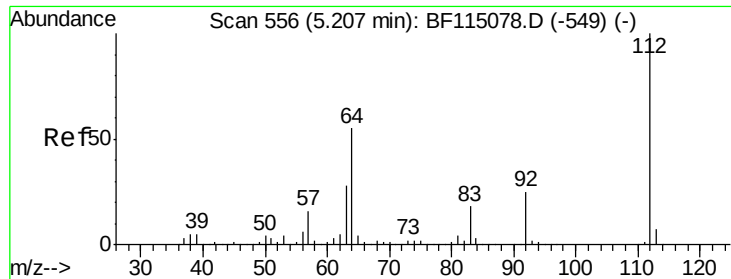
Ion Ratio Lower Upper

42 100

74 147.4 116.6 175.0

44 6.7 5.3 7.9





#5

2-Fluorophenol

Concen: 161.951 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

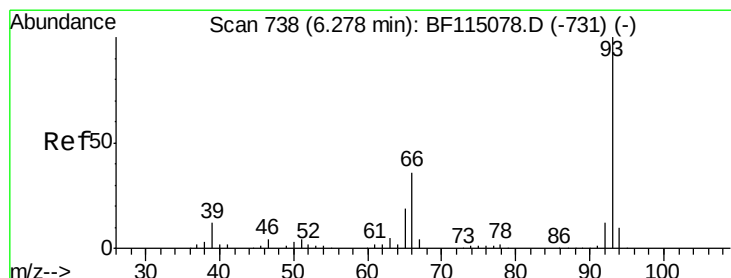
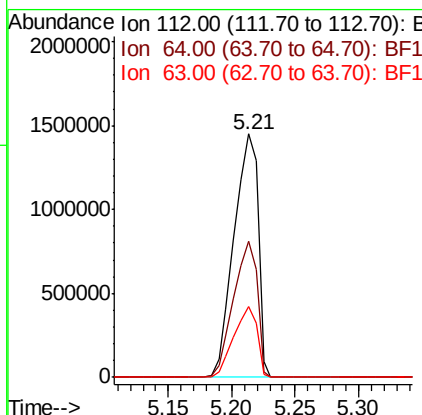
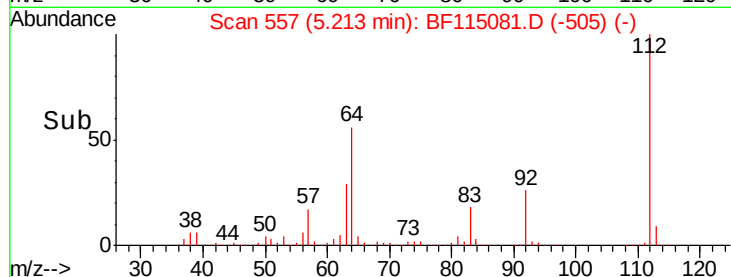
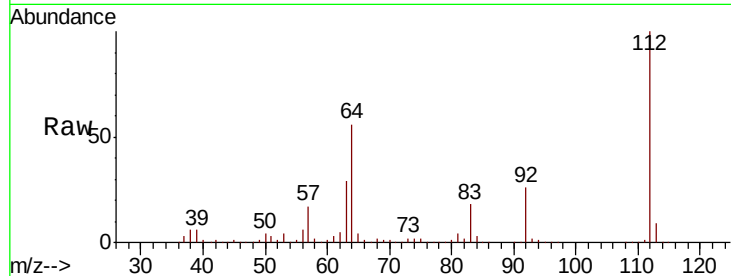
ClientSampleId :

SSTDIC080

Tot Ion:	112	Resp:	1898097
Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.6
63	29.1	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#6

Aniline

Concen: 82.679 ng

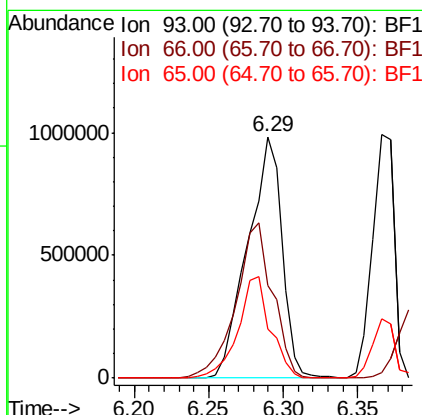
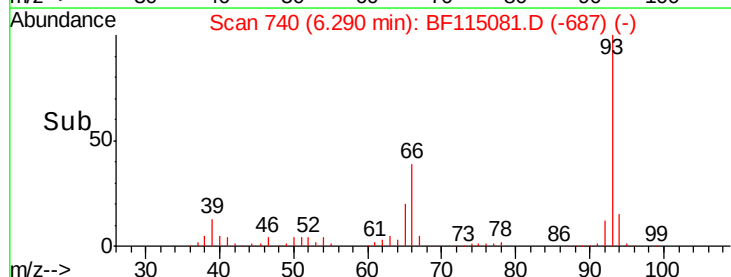
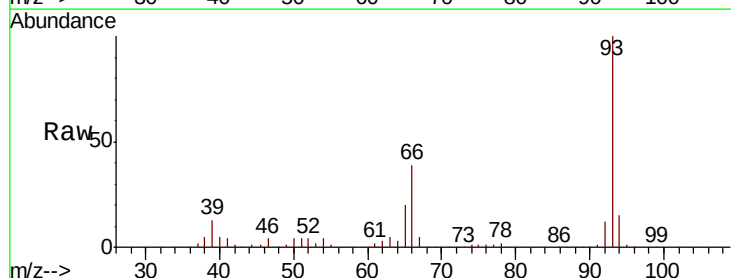
RT: 6.29 min Scan# 740

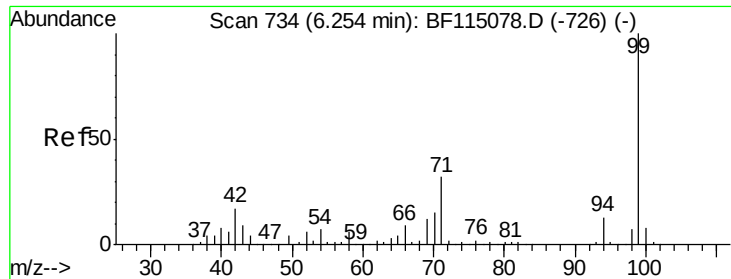
Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:	93	Resp:	1565415
Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.0	45.0
65	20.3	15.6	23.4





#7

Phenol-d6

Concen: 159.544 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2255615

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

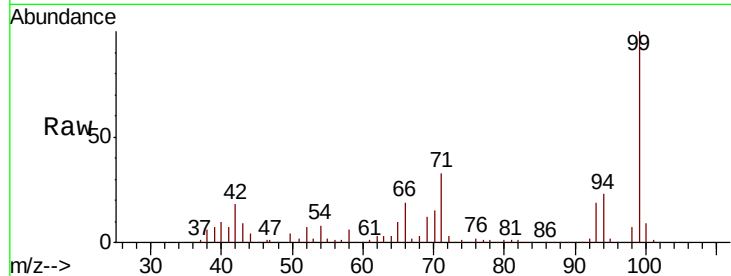
71 32.7 25.5 38.3

Manual Integrations

APPROVED

mohammad

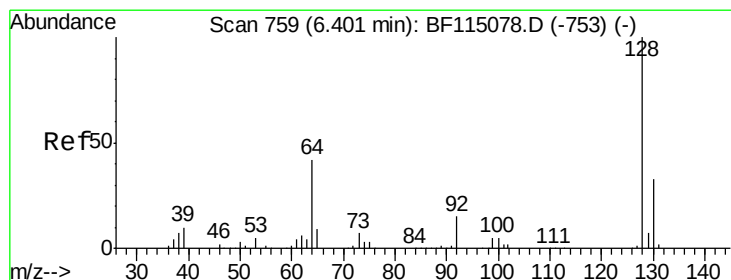
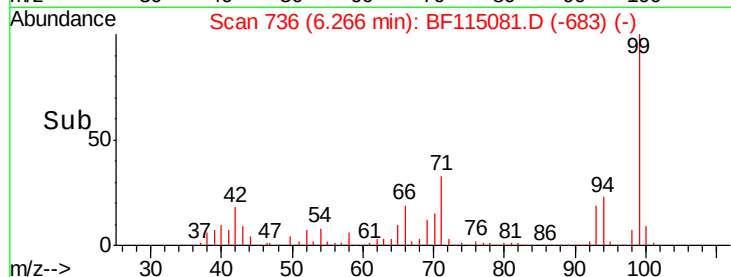
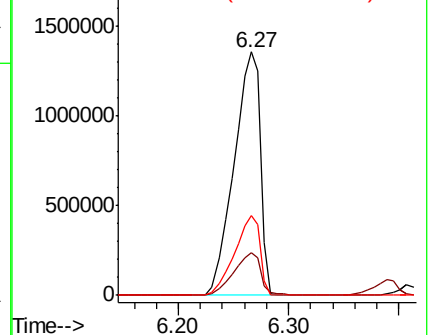
6/25/2019 12:41:06 PM



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: 80.686 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

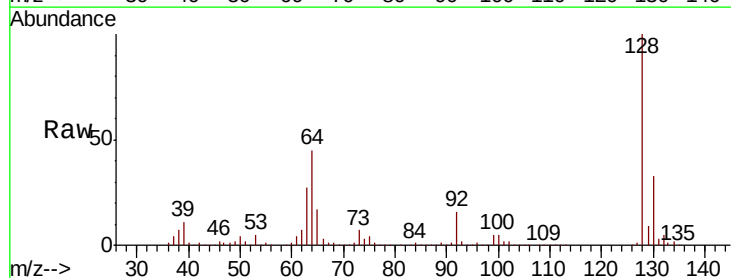
Tgt Ion:128 Resp: 1072290

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

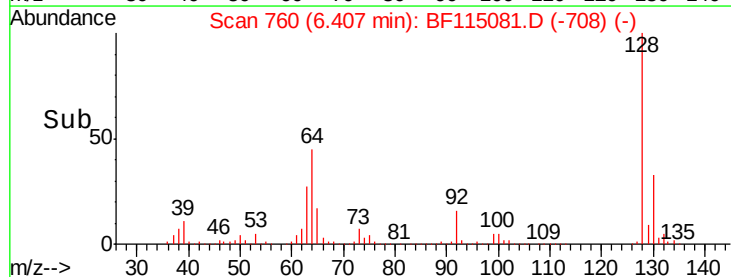
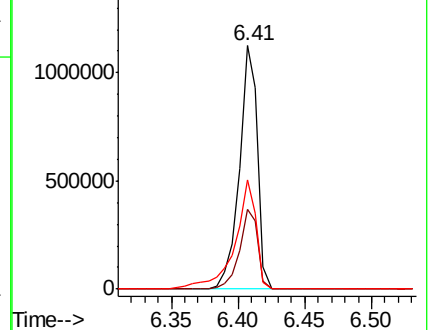
64 44.7 22.9 62.9

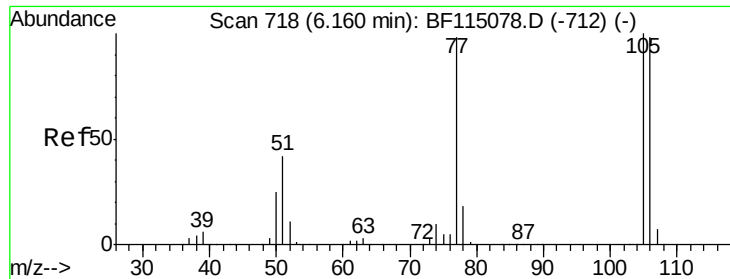


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 86.086 ng

RT: 6.17 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

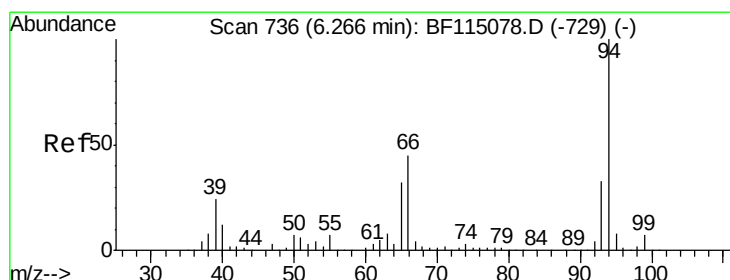
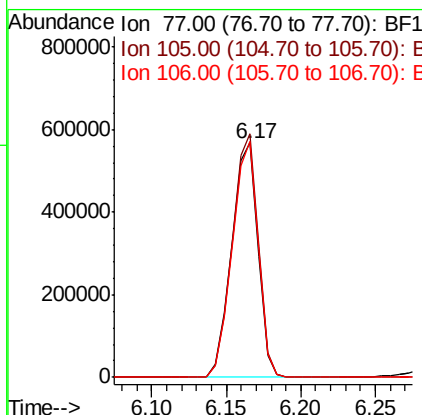
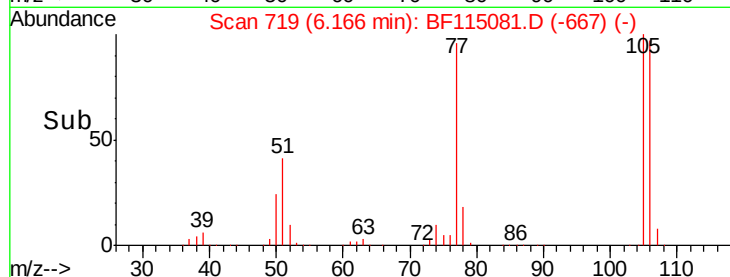
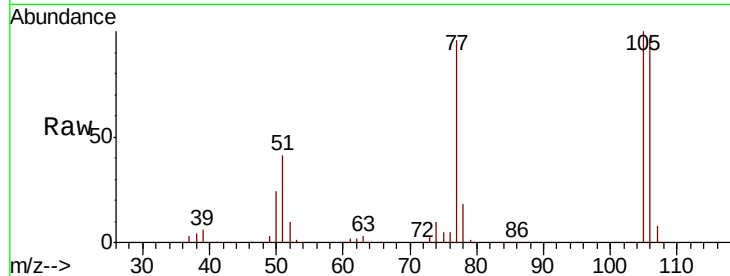
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	699695
Ion	Ratio	Lower	Upper
77	100		
105	104.0	81.5	121.5
106	100.6	79.7	119.7

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#10

Phenol

Concen: 84.384 ng

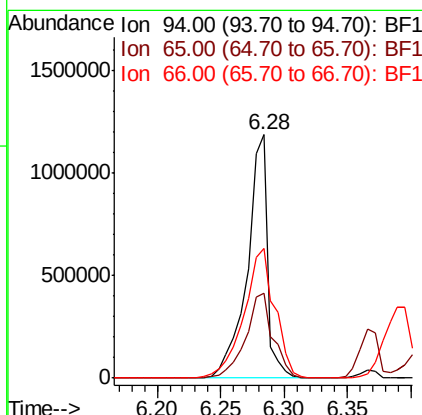
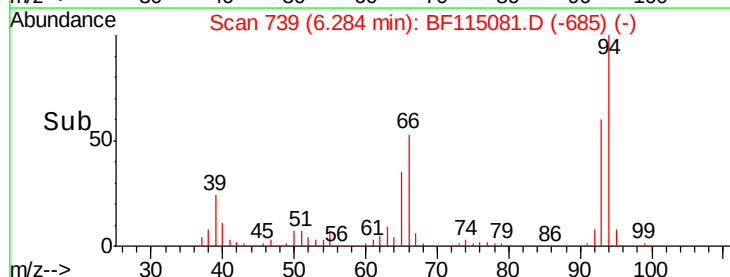
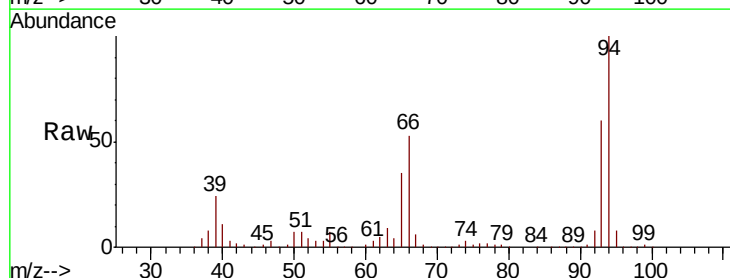
RT: 6.28 min Scan# 739

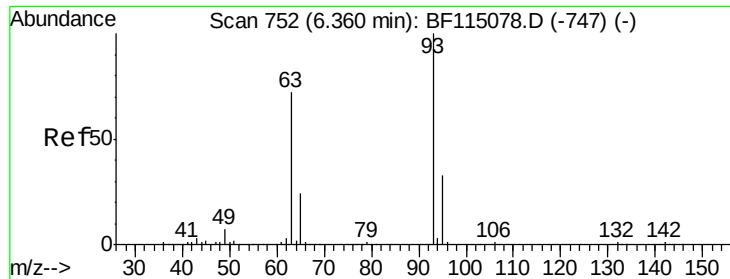
Delta R.T. 0.02 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:	94	Resp:	1334771
Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.9	51.9
66	53.2	25.2	65.2





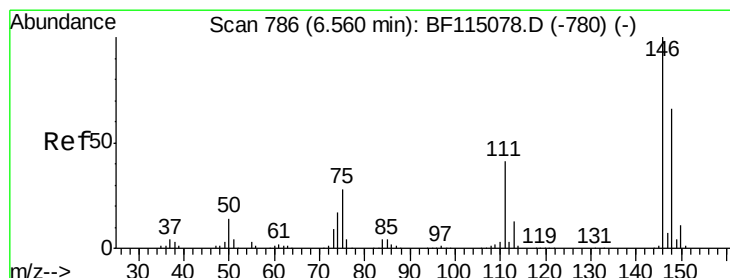
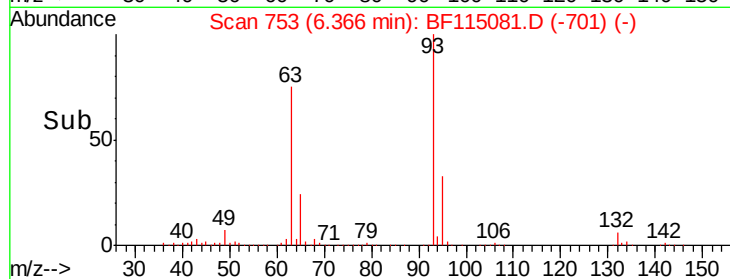
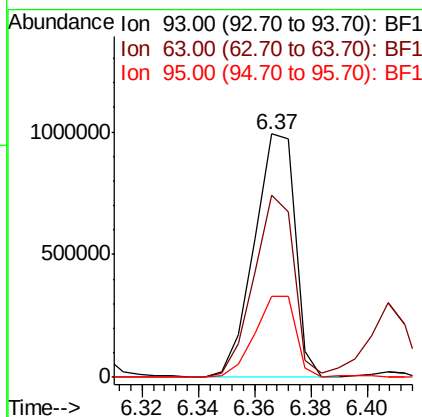
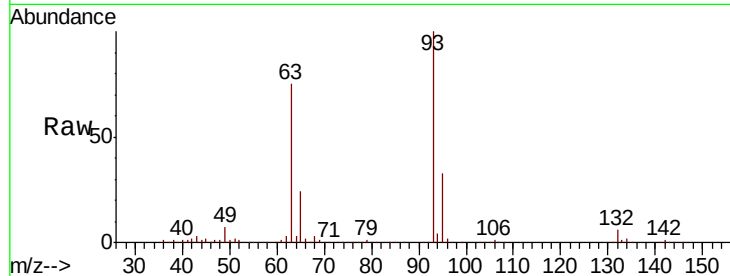
#11
bis(2-Chloroethyl)ether
Concen: 80.803 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
93	100	992029		
63	74.7		51.5	91.5
95	33.5		13.4	53.4

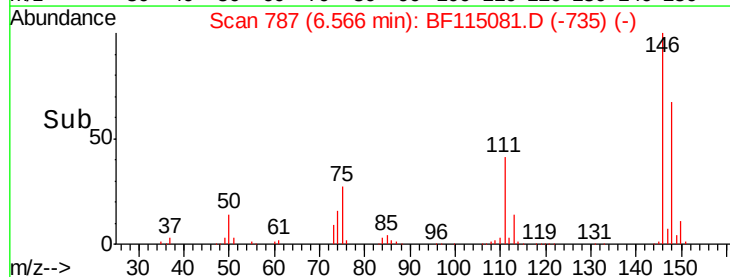
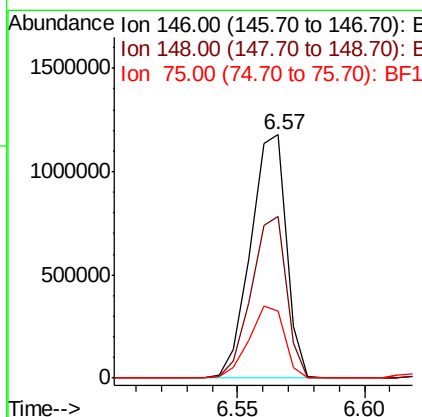
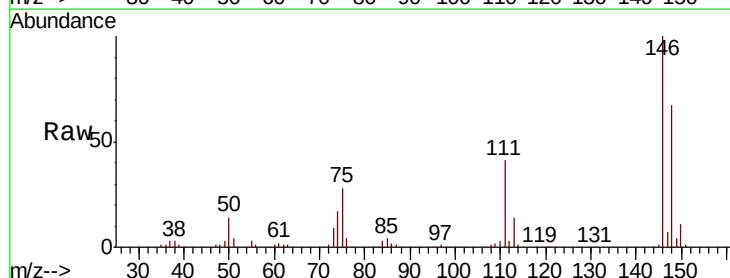
Manual Integrations
APPROVED

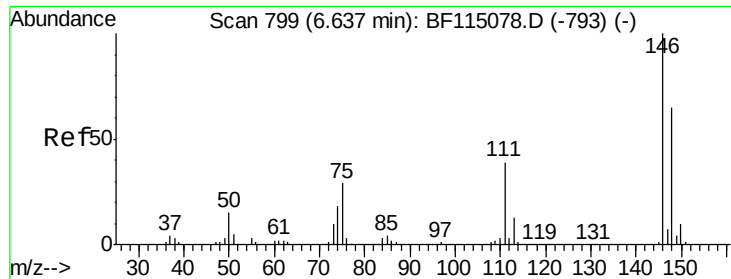
mohammad
6/25/2019 12:41:06 PM



#12
1,3-Dichlorobenzene
Concen: 74.918 ng
RT: 6.57 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1162927		
148	66.6		52.6	78.8
75	27.7		22.6	34.0





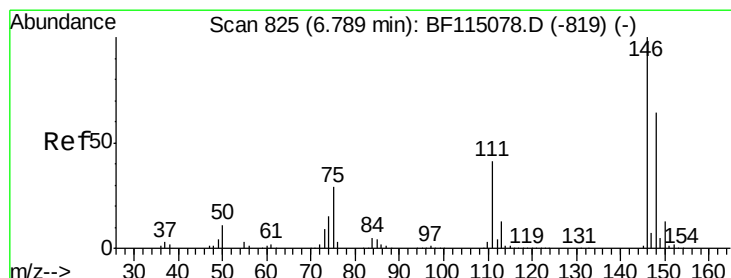
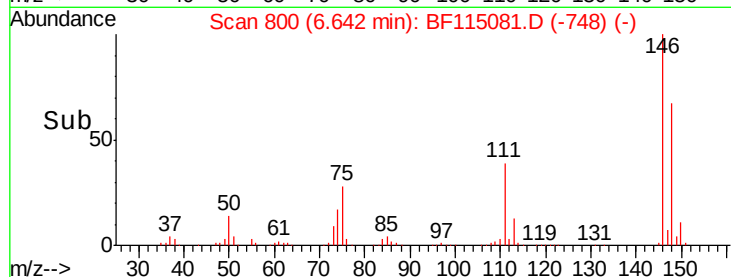
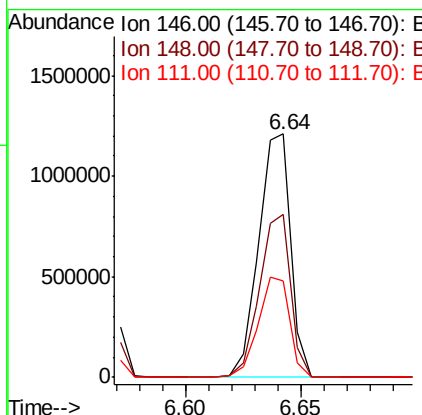
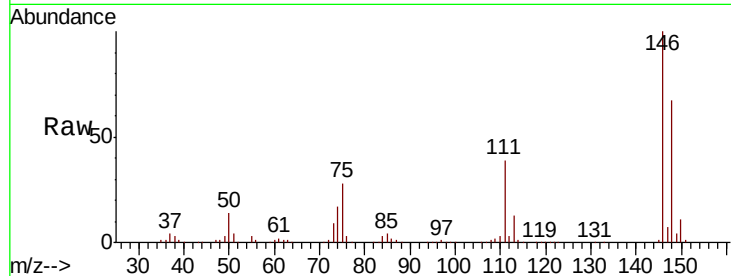
#13
 1,4-Dichlorobenzene
 Concen: 74.897 ng
 RT: 6.64 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
111	39.4	31.4	47.0

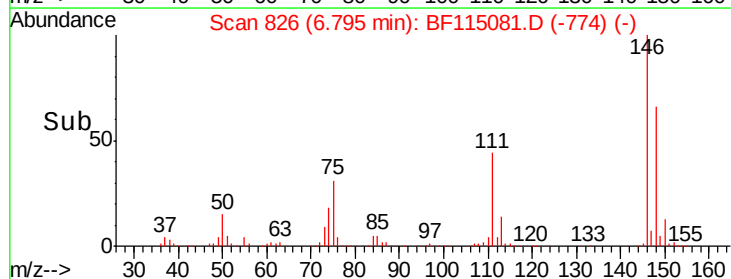
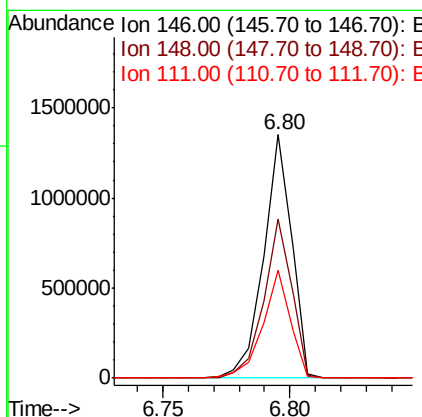
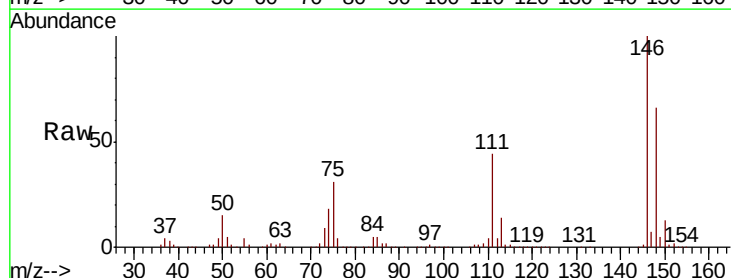
Manual Integrations
 APPROVED

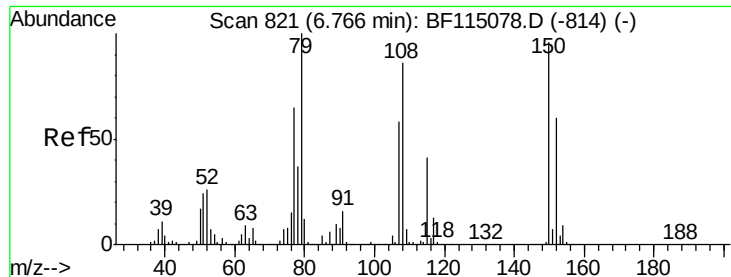
mohammad
 6/25/2019 12:41:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 71.662 ng
 RT: 6.80 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	44.2	33.2	49.8





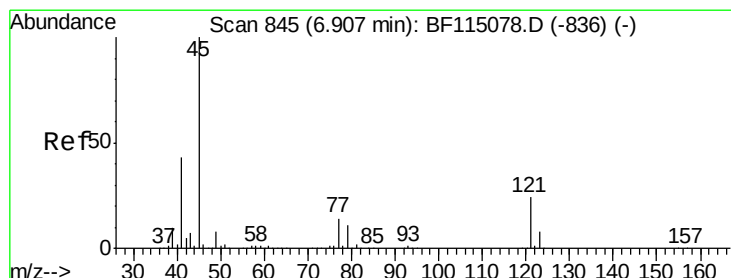
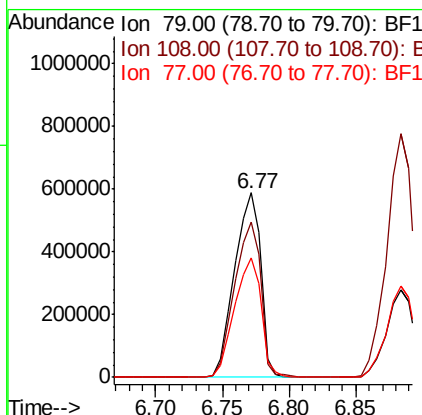
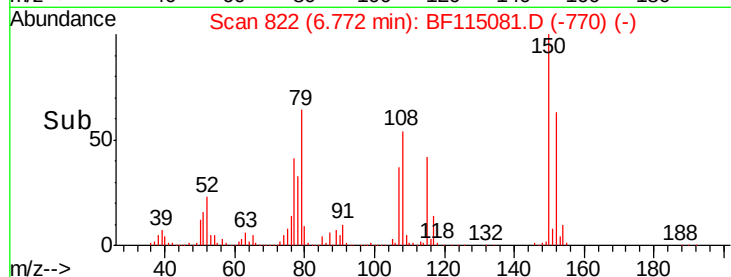
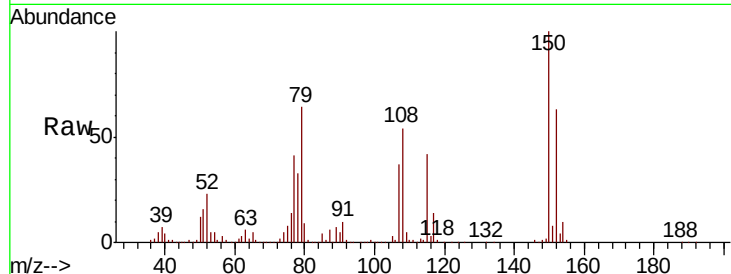
#15
Benzyl Alcohol
Concen: 75.884 ng
RT: 6.77 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	68.7	103.1
77	64.4	51.7	77.5

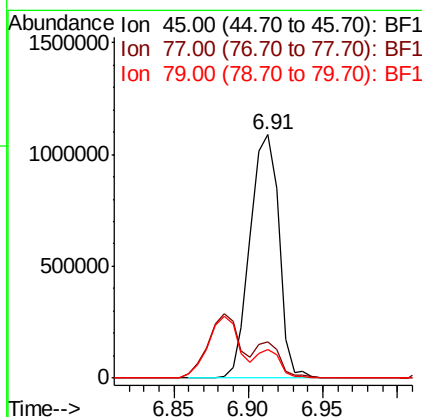
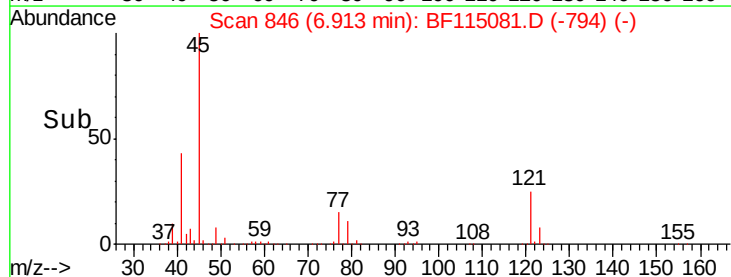
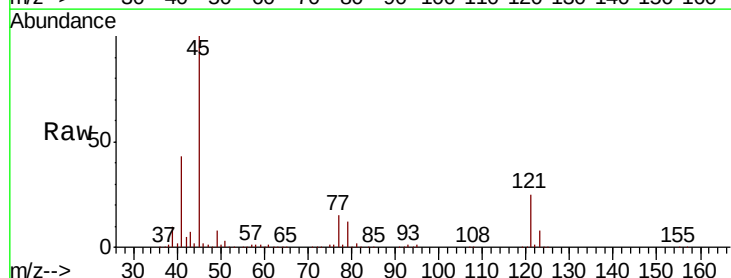
Manual Integrations
APPROVED

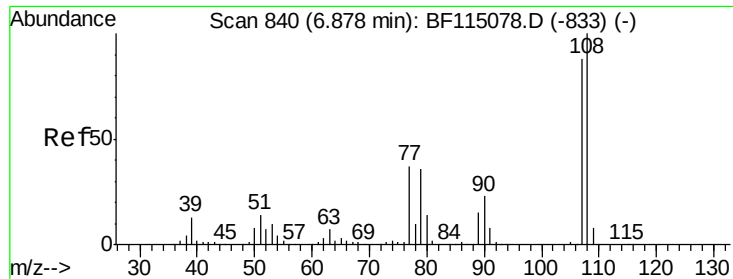
mohammad
6/25/2019 12:41:06 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 88.295 ng
RT: 6.91 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.6
79	11.5	0.0	31.2





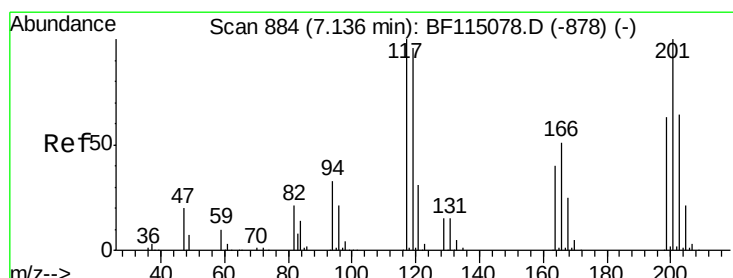
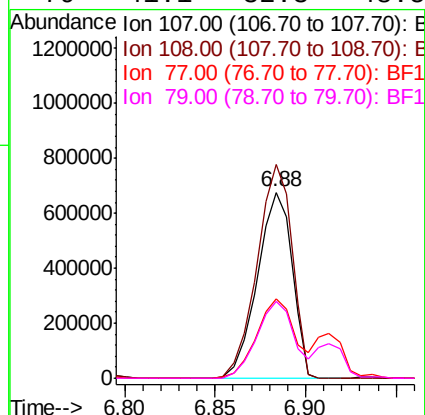
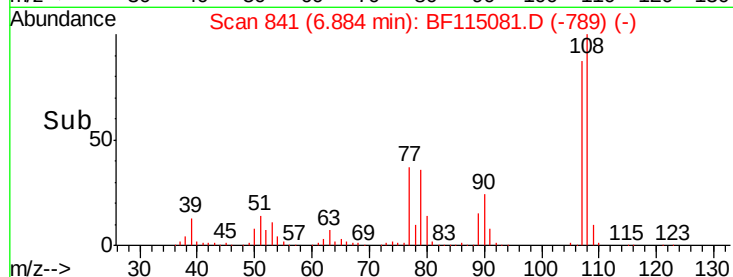
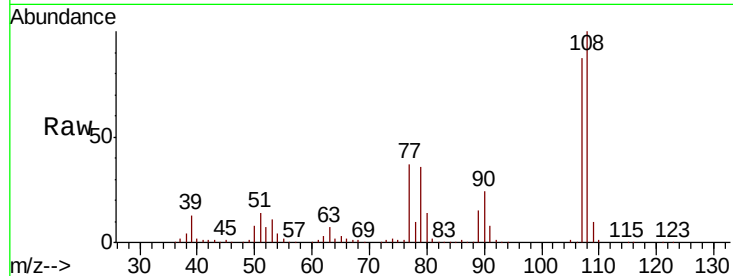
#17
2-Methylphenol
Concen: 81.426 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	90.9	136.3	
77	42.9	33.4	50.2	
79	41.1	32.3	48.5	

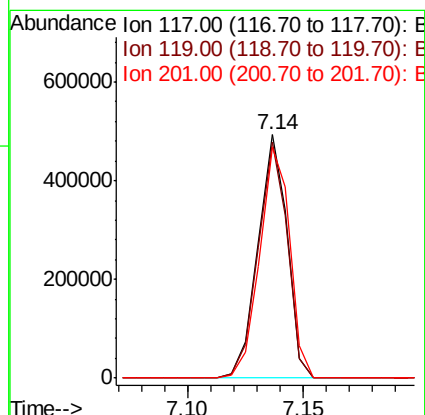
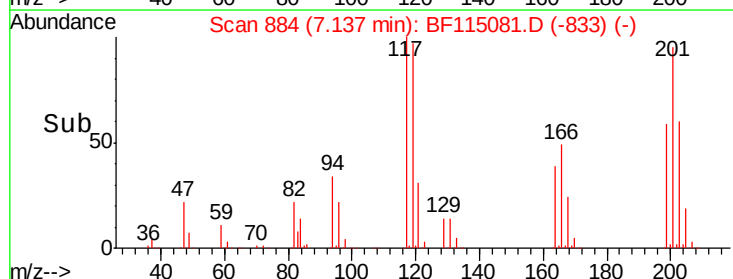
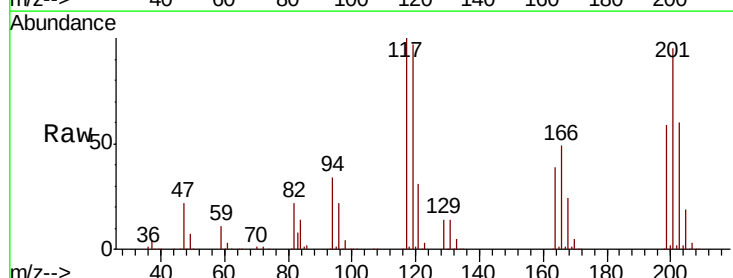
Manual Integrations
APPROVED

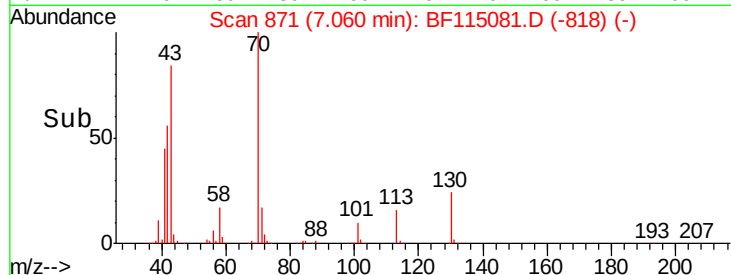
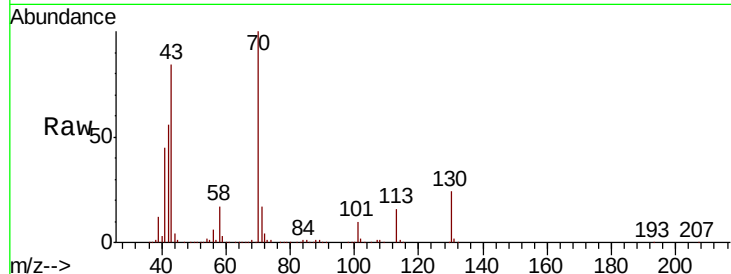
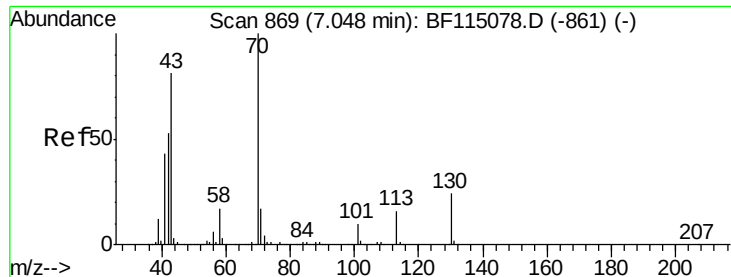
mohammad
6/25/2019 12:41:06 PM



#18
Hexachloroethane
Concen: 77.305 ng
RT: 7.14 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.6	114.8	
201	94.6	80.2	120.2	





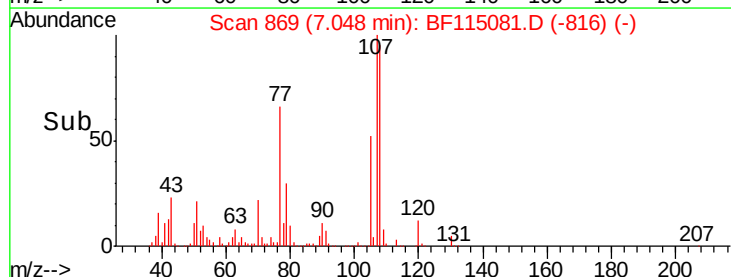
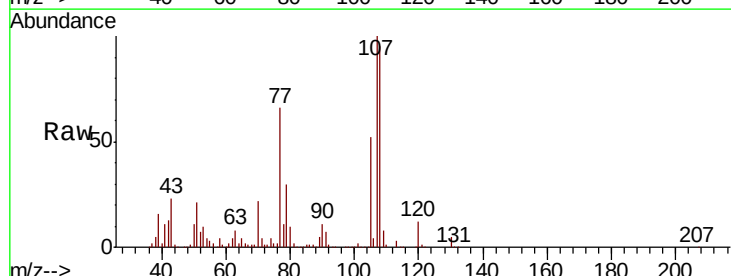
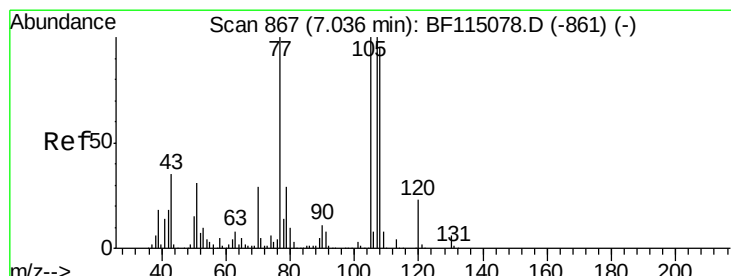
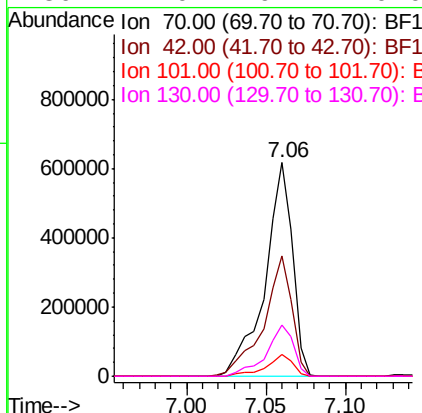
#19
n-Nitroso-di-n-propylamine
Concen: 87.172 ng
RT: 7.06 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	42.6	63.8	
101	10.3	8.0	12.0	
130	24.0	19.4	29.0	

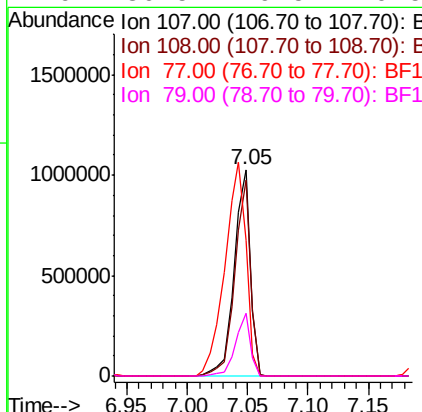
Manual Integrations
APPROVED

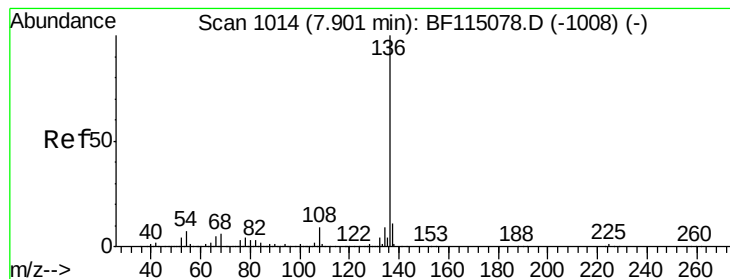
mohammad
6/25/2019 12:41:06 PM



#20
3+4-Methylphenols
Concen: 73.015 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	75.5	115.5	
77	66.0	80.2	120.2	
79	30.5	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: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

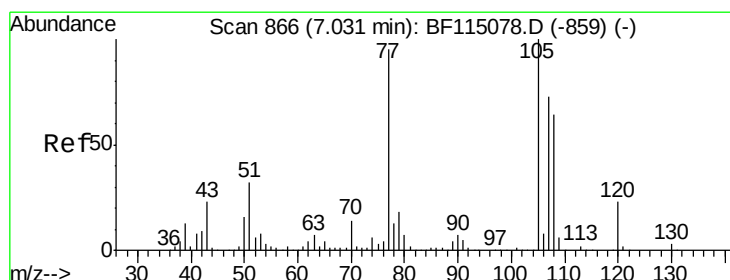
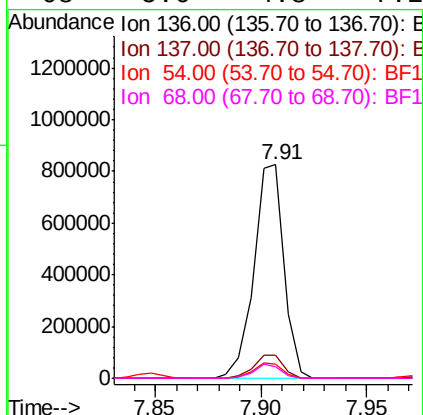
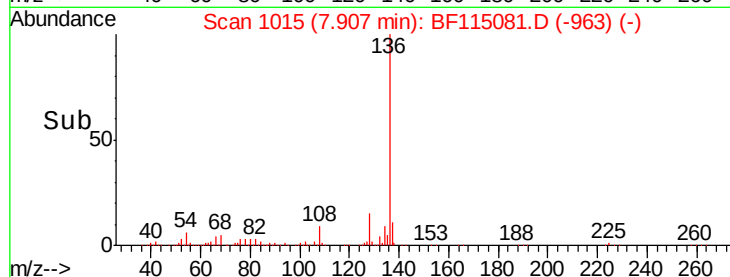
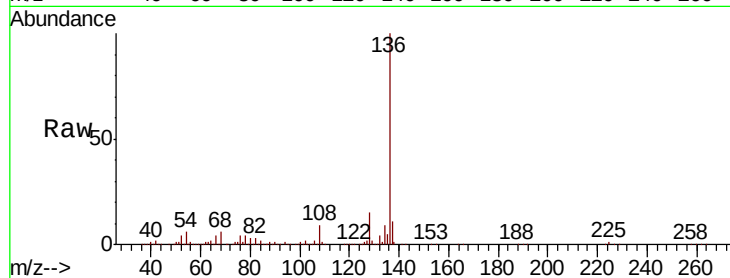
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		818331		
137	10.9		8.9	13.3	
54	6.4		5.6	8.4	
68	5.6		4.8	7.2	

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#22

Acetophenone

Concen: 73.481 ng

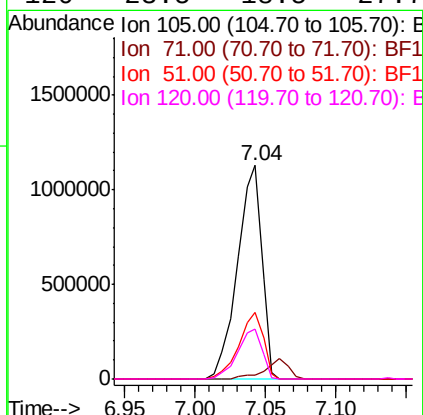
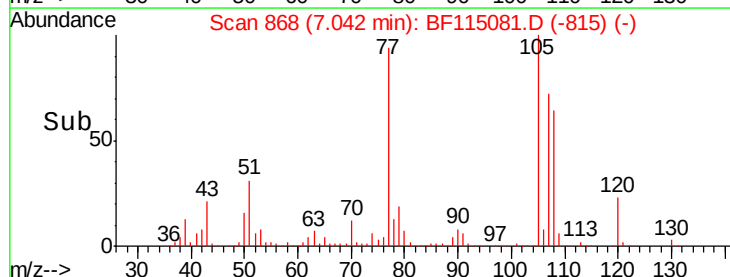
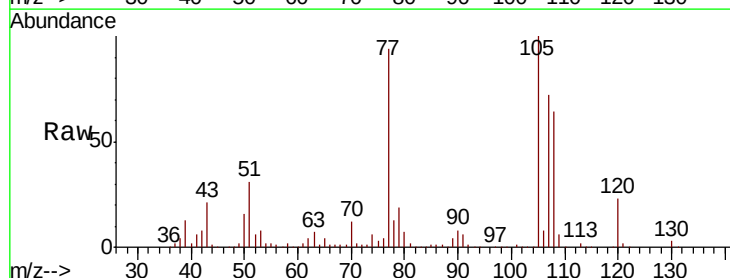
RT: 7.04 min Scan# 868

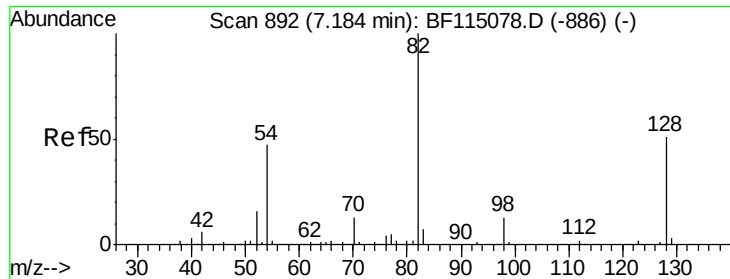
Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1361183		
71	1.9		1.9	2.9#	
51	31.4		25.8	38.8	
120	23.5		18.5	27.7	





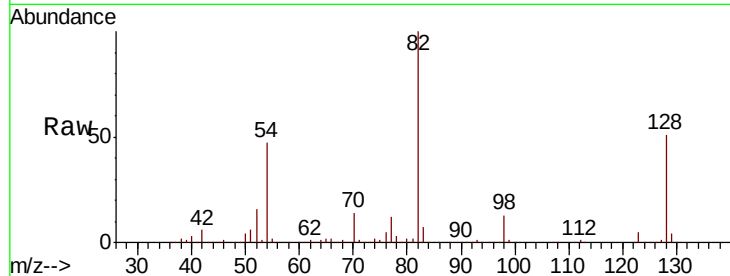
#23
Nitrobenzene-d5
Concen: 148.286 ng
RT: 7.20 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

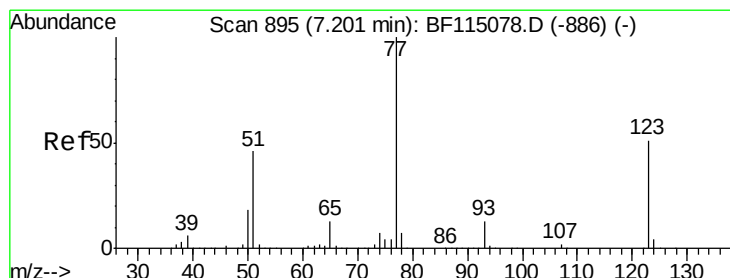
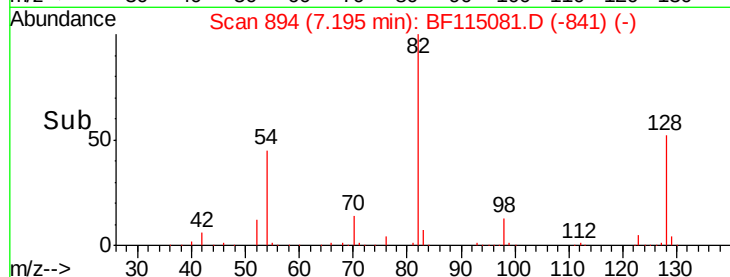
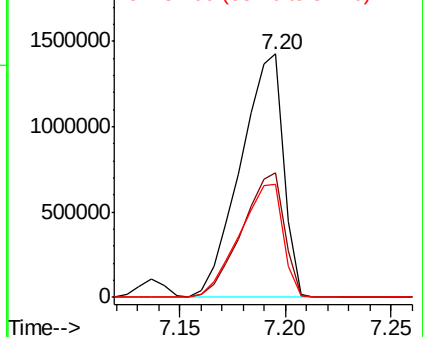
Tot Ion	82	Resp	2015995
Ion Ratio	100	Lower	Upper
128	51.4	40.4	60.6
54	46.6	37.5	56.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

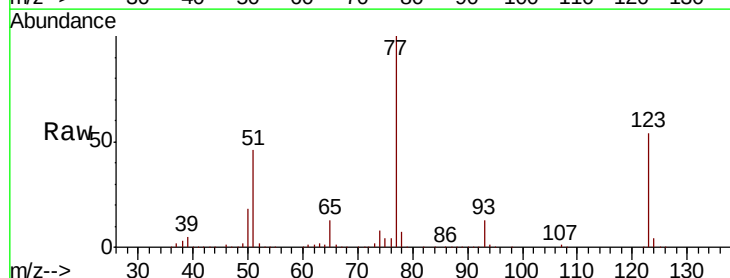


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

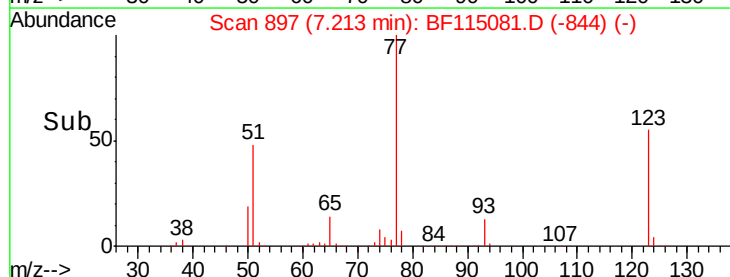
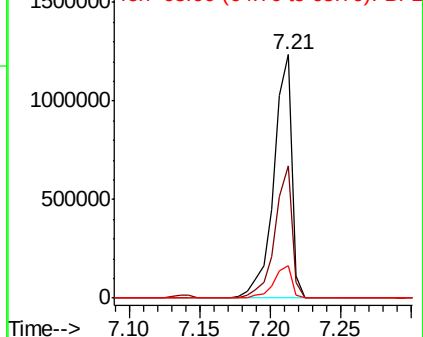


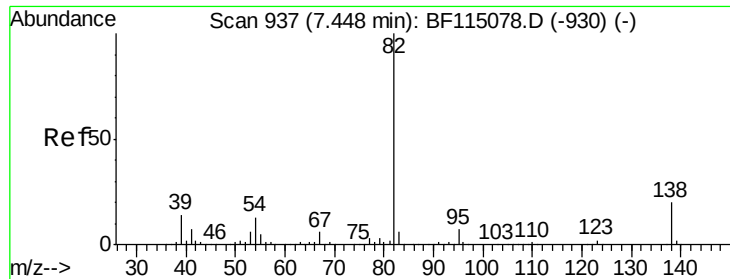
#24
Nitrobenzene
Concen: 80.058 ng
RT: 7.21 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	77	Resp	1107412
Ion Ratio	100	Lower	Upper
123	54.2	41.0	61.6
65	13.2	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 81.949 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2086666

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

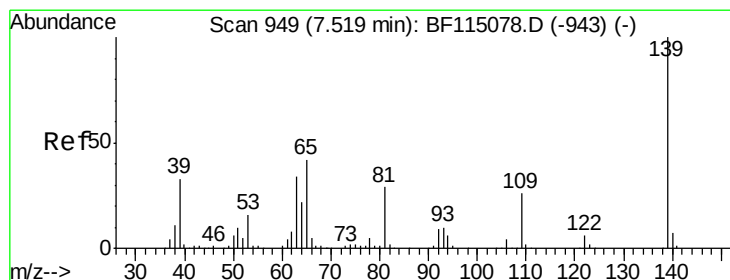
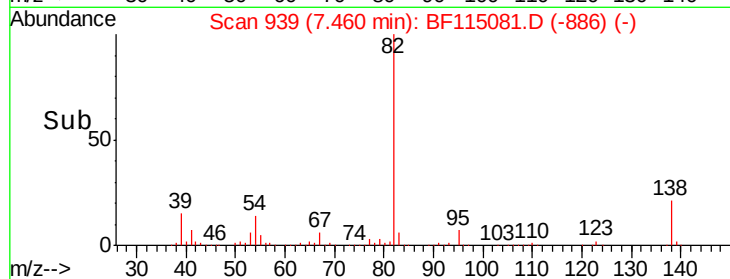
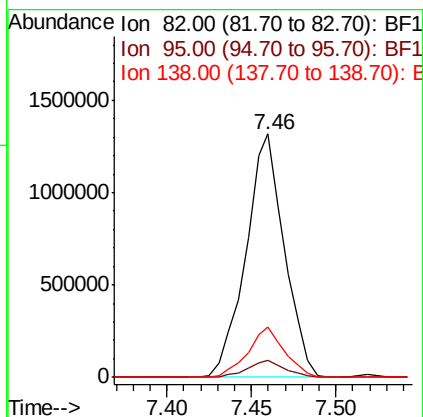
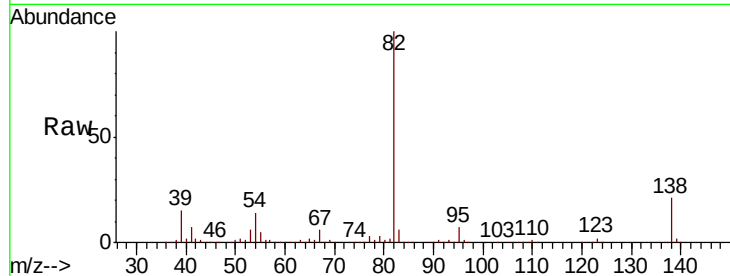
138 20.7 15.9 23.9

Manual Integrations

APPROVED

mohammad

6/25/2019 12:41:06 PM



#26

2-Nitrophenol

Concen: 77.127 ng

RT: 7.52 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

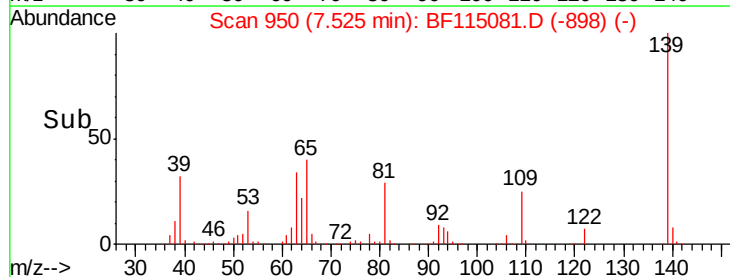
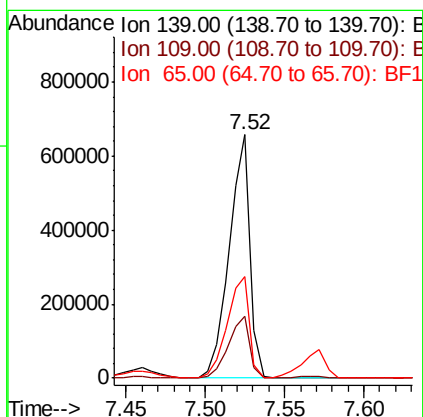
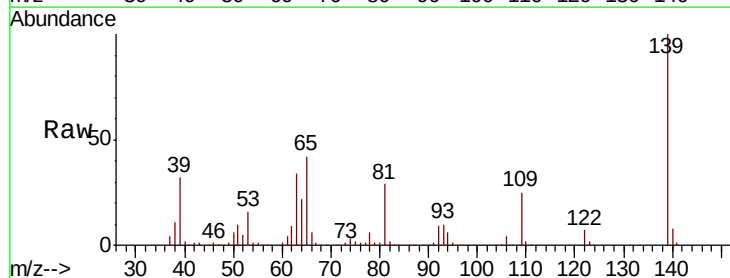
Tgt Ion: 139 Resp: 594652

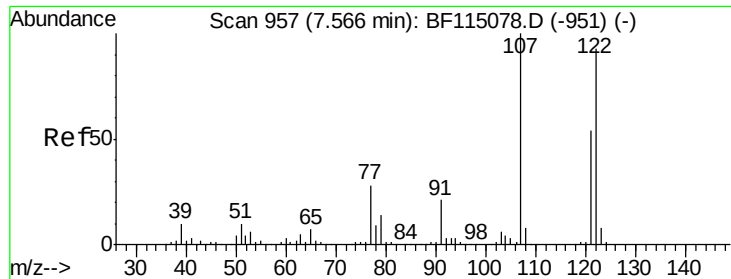
Ion Ratio Lower Upper

139 100

109 25.2 20.4 30.6

65 41.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 79.856 ng

RT: 7.57 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

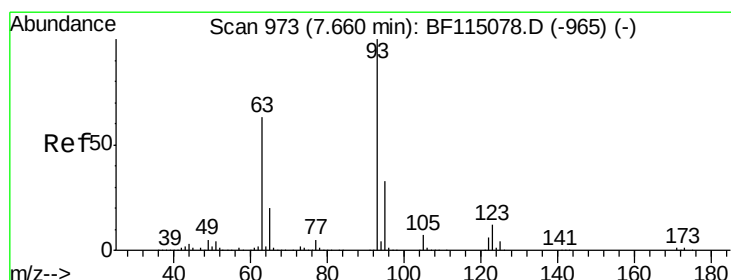
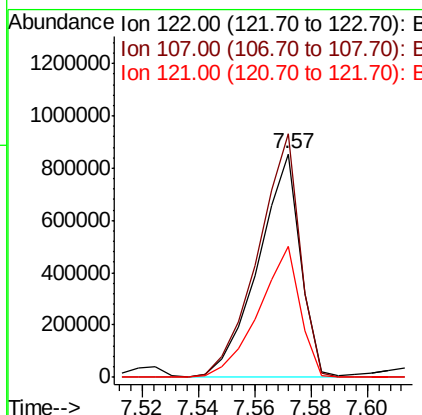
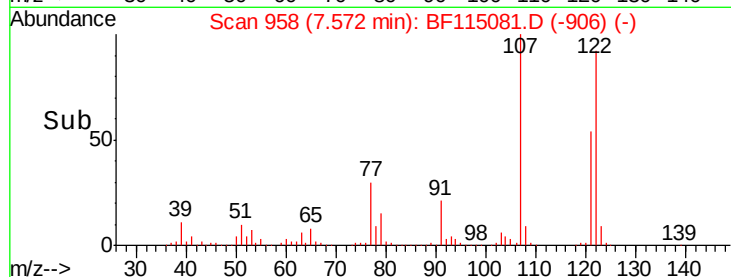
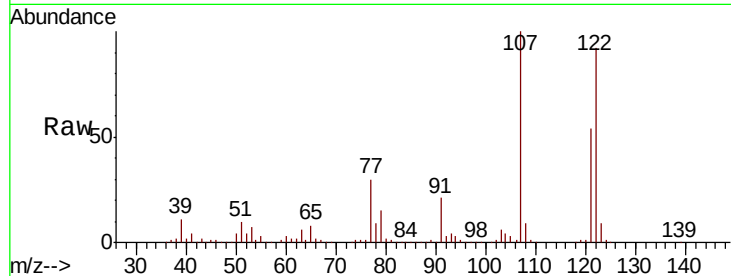
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	888199
Ion Ratio	Lower	Upper	
122	100		
107	109.0	85.8	128.6
121	58.5	46.3	69.5

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 78.918 ng

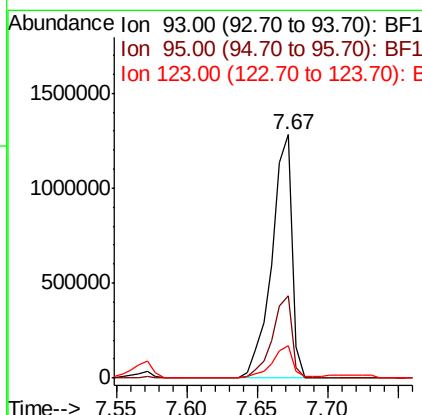
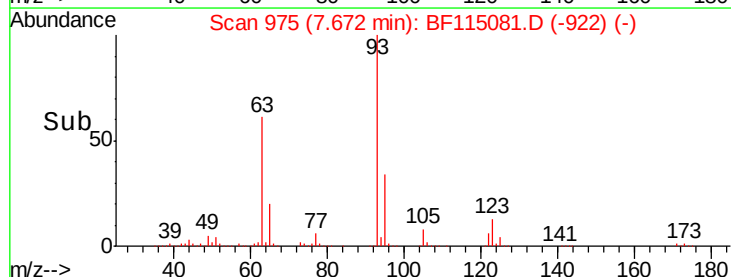
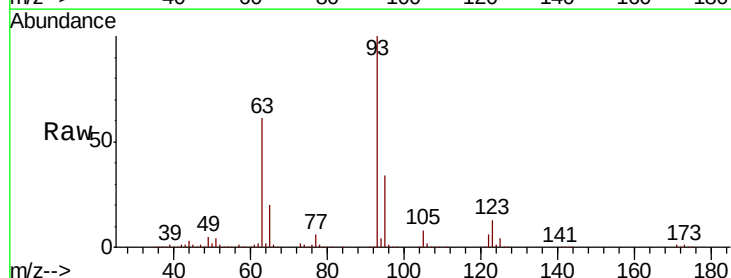
RT: 7.67 min Scan# 975

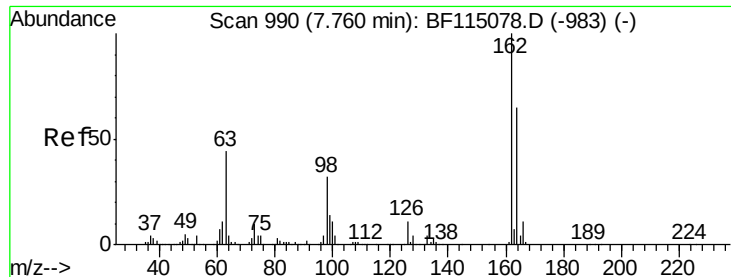
Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:	93	Resp:	1289256
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.2	39.4
123	13.2	9.7	14.5





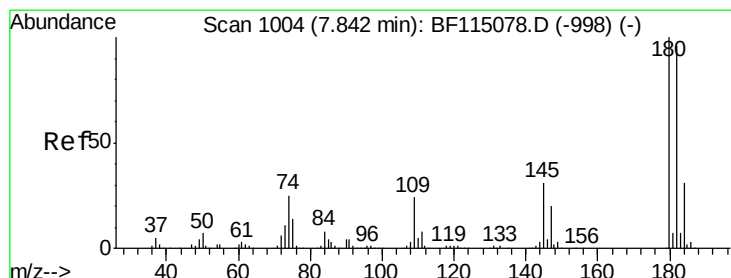
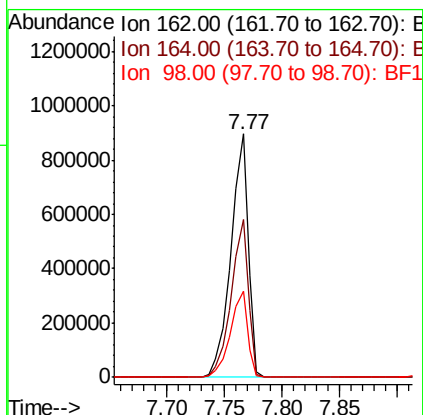
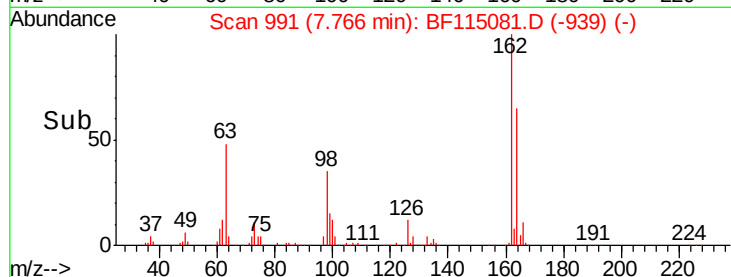
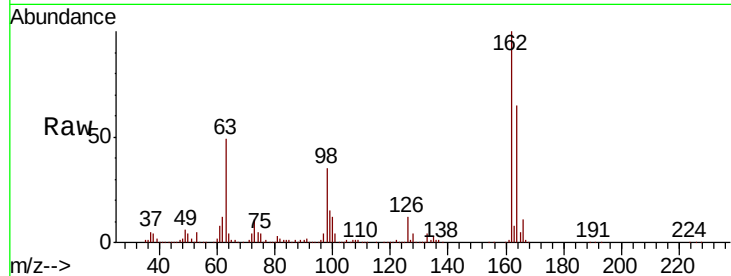
#29
2,4-Dichlorophenol
Concen: 79.240 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.3	85.3
98	35.1	12.5	52.5

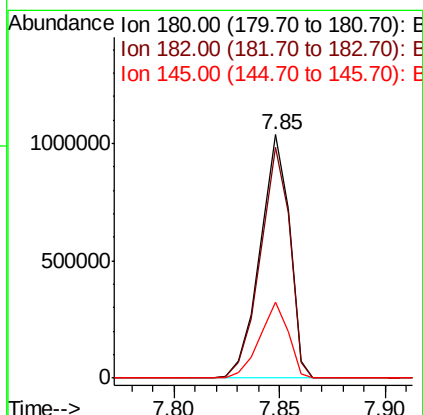
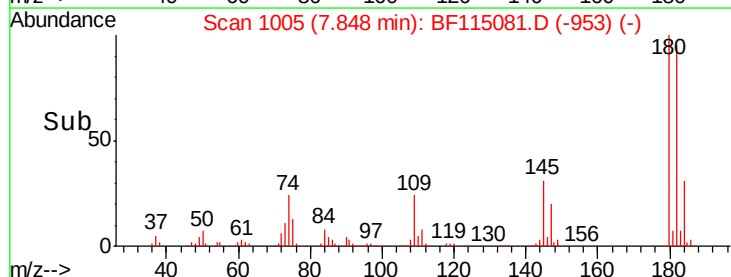
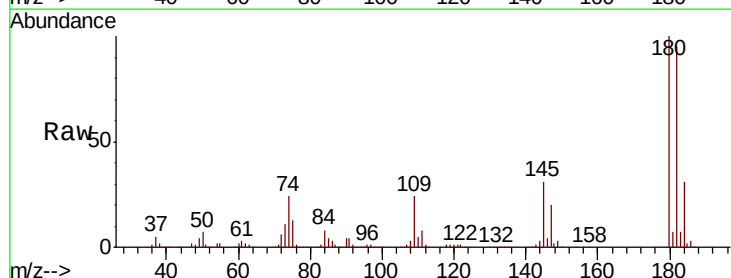
Manual Integrations
APPROVED

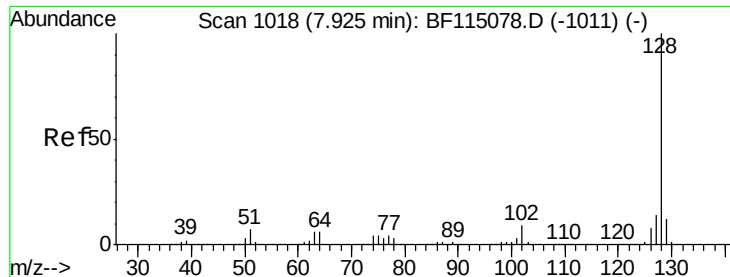
mohammad
6/25/2019 12:41:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 74.275 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	31.0	24.8	37.2





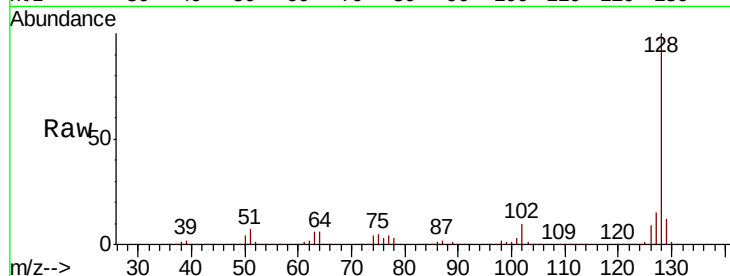
#31
Naphthalene
Concen: 72.235 ng
RT: 7.93 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

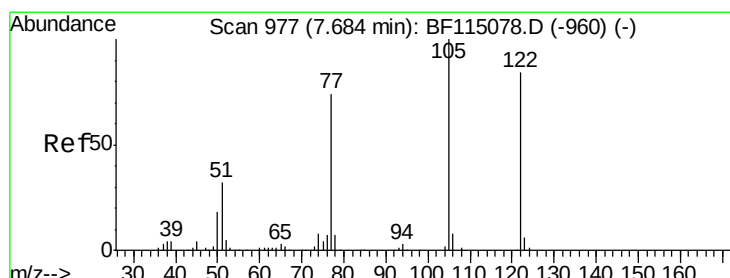
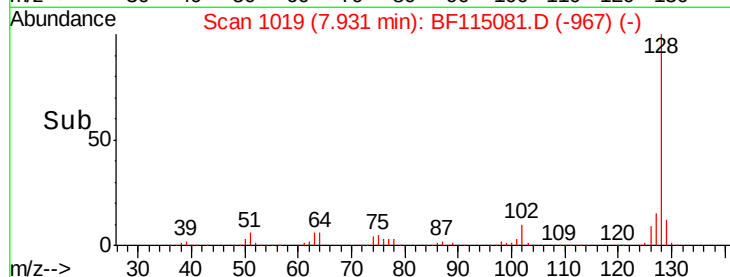
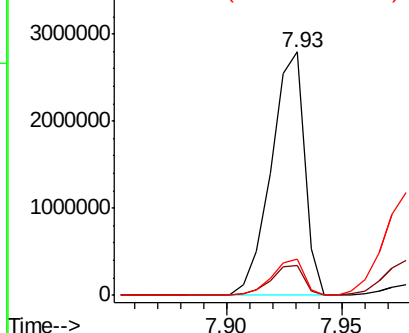
Tot Ion:128 Resp: 2796829
Ion Ratio Lower Upper
128 100
129 12.5 9.6 14.4
127 15.1 11.4 17.0

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



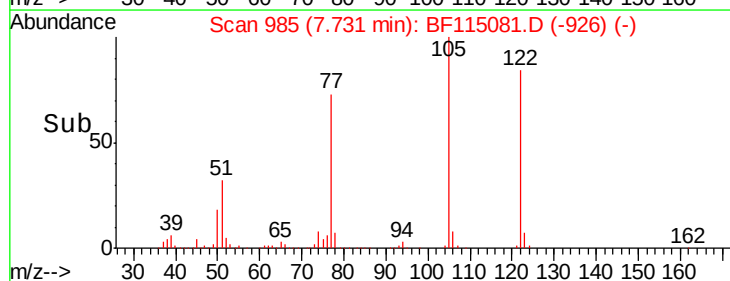
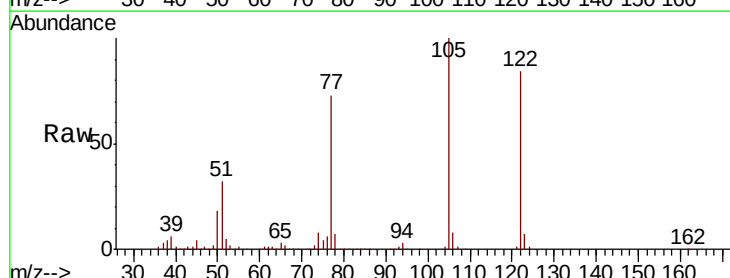
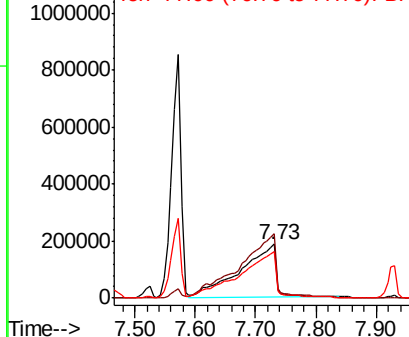
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

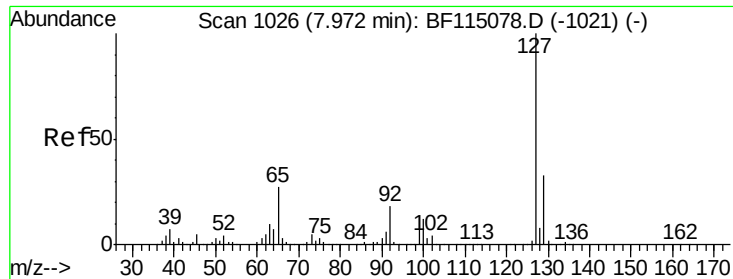


#32
Benzoic acid
Concen: 96.794 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.05 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:122 Resp: 778961
Ion Ratio Lower Upper
122 100
105 119.0 98.2 138.2
77 87.0 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





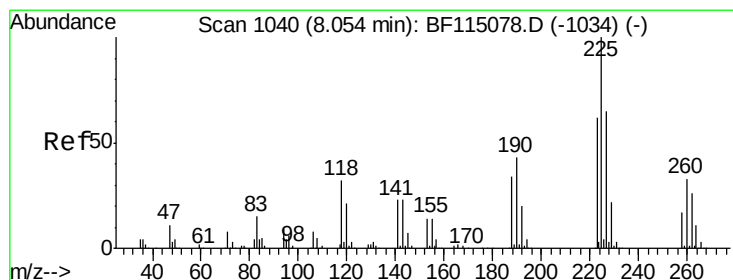
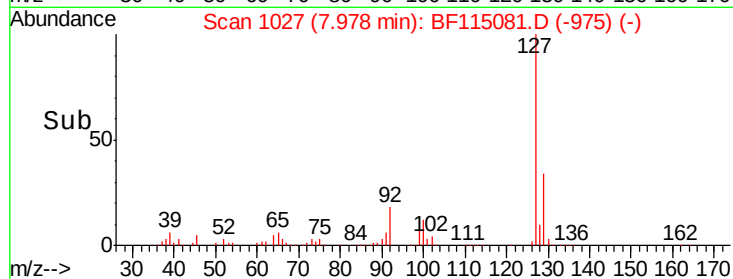
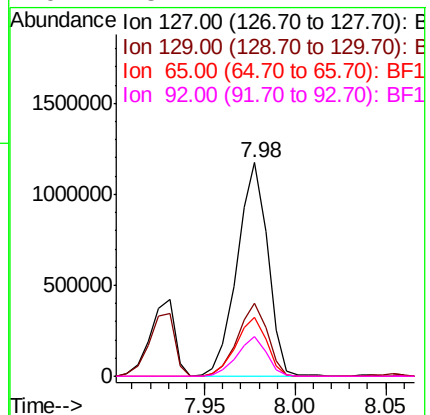
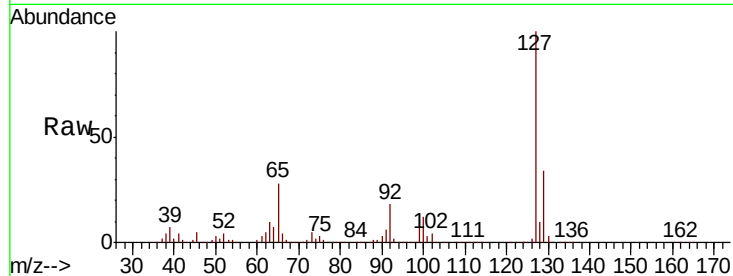
#33
4-Chloroaniline
Concen: 77.018 ng
RT: 7.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.1	39.1		
65	27.7	21.4	32.2		
92	18.4	14.1	21.1		

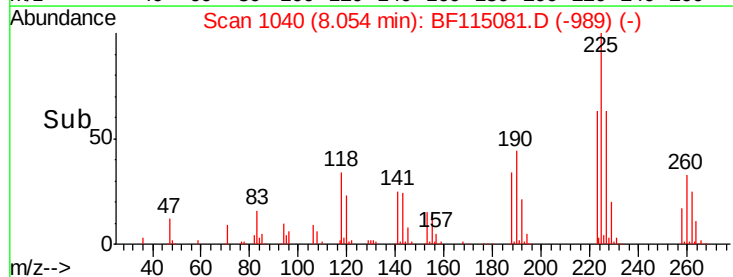
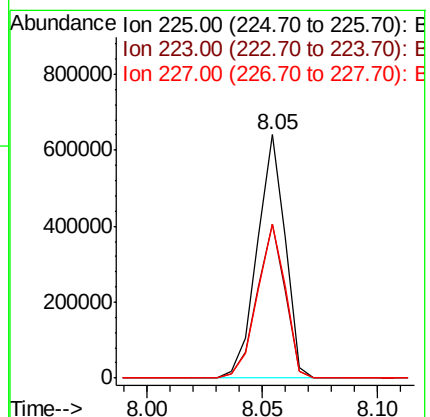
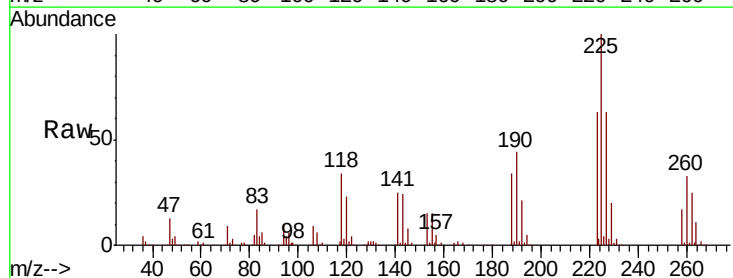
Manual Integrations
APPROVED

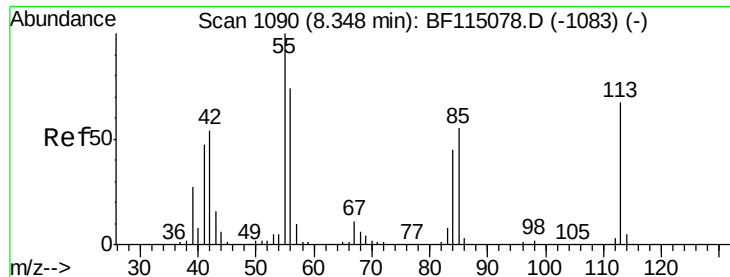
mohammad
6/25/2019 12:41:06 PM



#34
Hexachlorobutadiene
Concen: 71.710 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.4	74.2		
227	63.5	51.8	77.8		





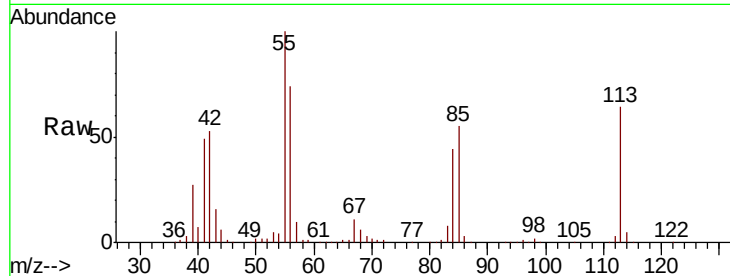
#35
Caprolactam
Concen: 82.940 ng/ml
RT: 8.38 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.9	130.2	170.2
56	116.1	91.6	131.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

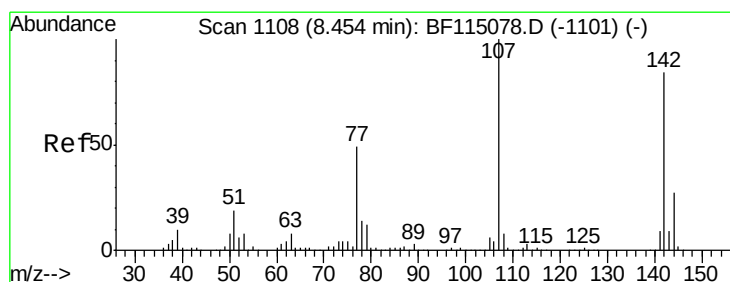
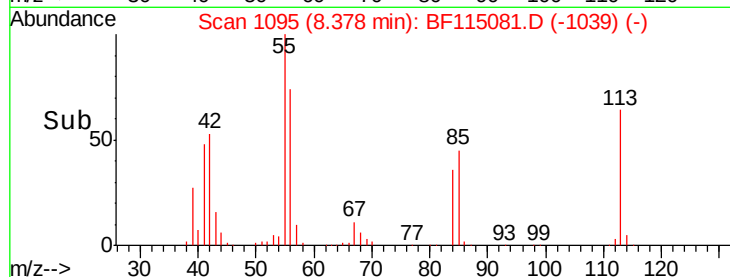
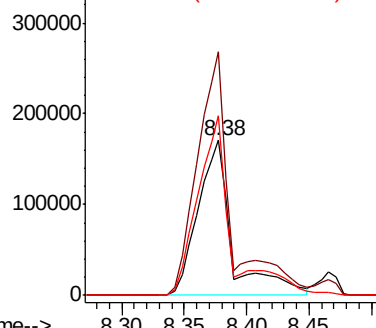


Abundance

Ion 113.00 (112.70 to 113.70): E

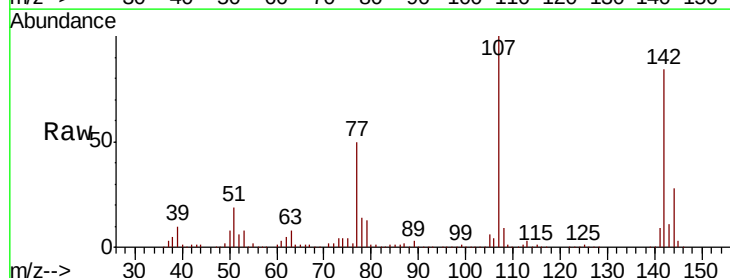
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 79.828 ng/ml
RT: 8.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.7	32.5
142	84.1	67.0	100.4

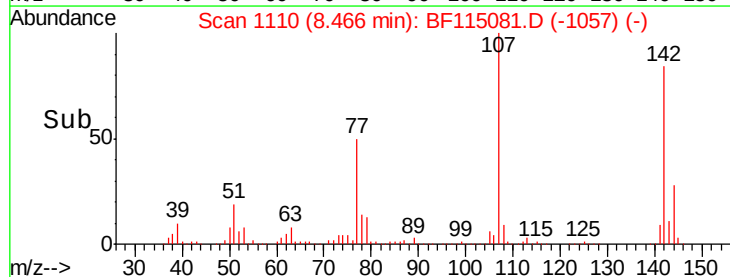
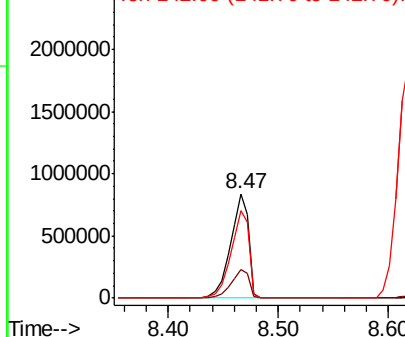


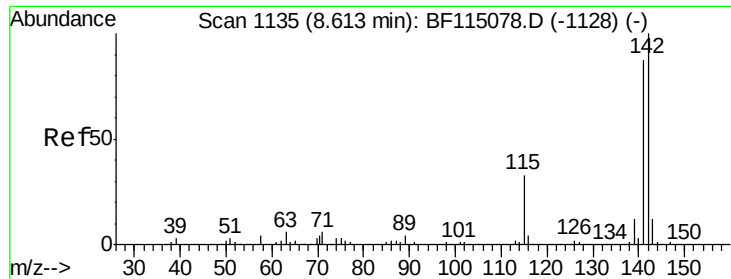
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





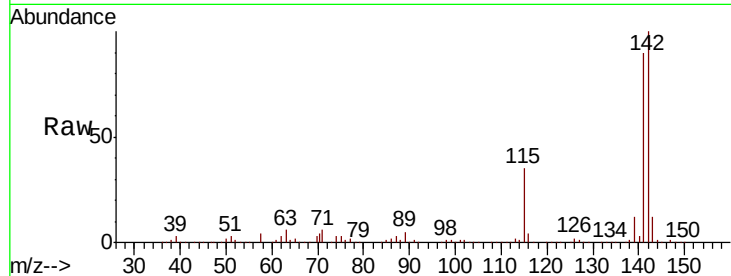
#37
2-Methylnaphthalene
Concen: 73.882 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleID :
SSTDICC080

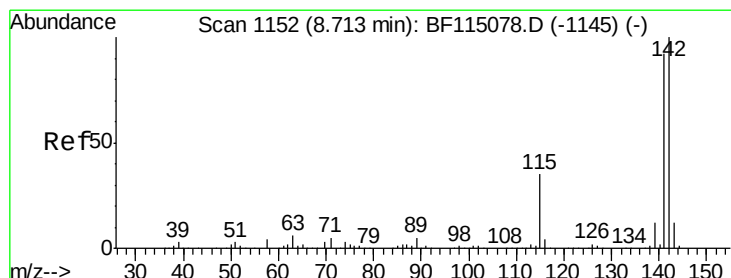
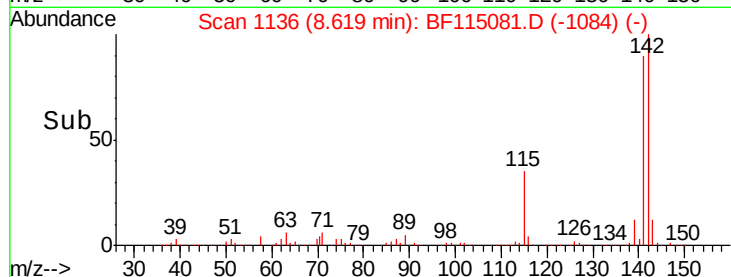
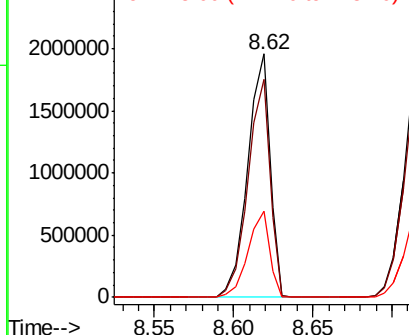
Tot Ion:142 Resp: 1907963
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.6
115 35.4 26.7 40.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

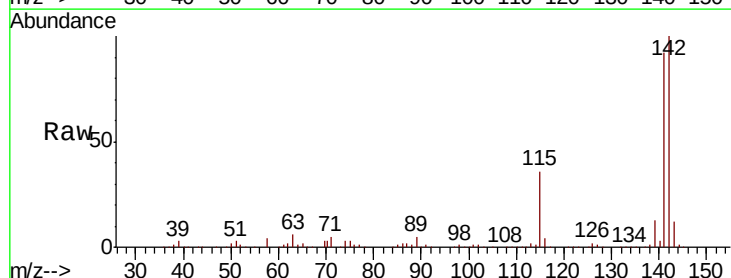


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

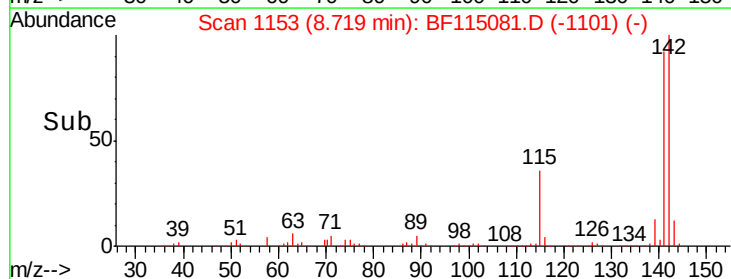
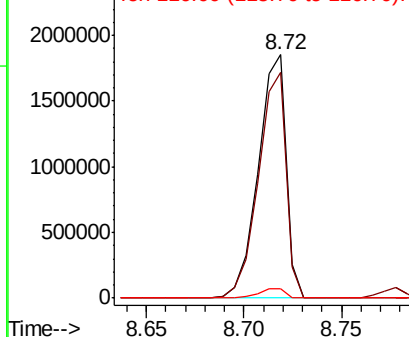


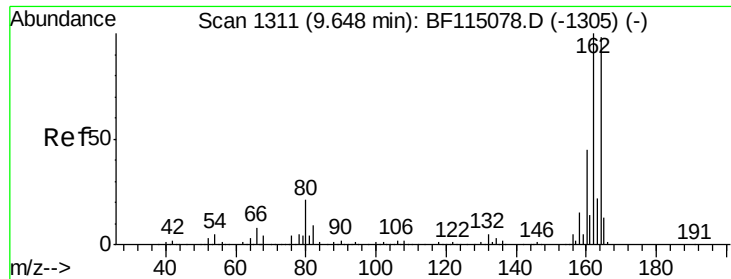
#38
1-Methylnaphthalene
Concen: 75.069 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:142 Resp: 1832247
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8
116 3.6 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: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

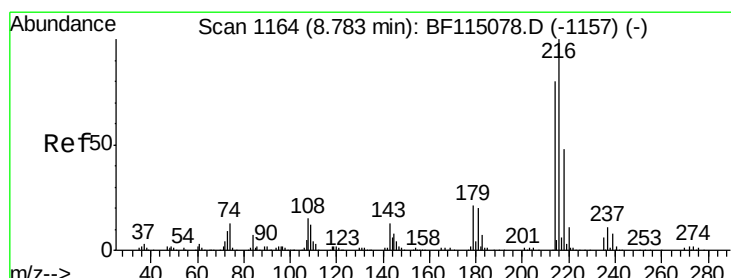
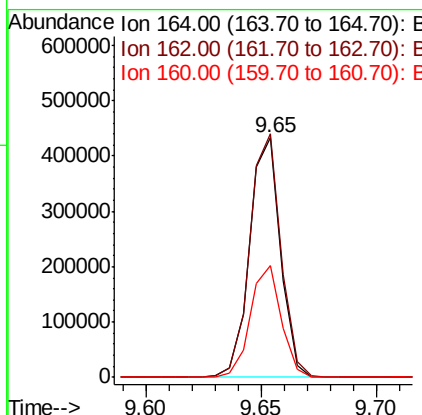
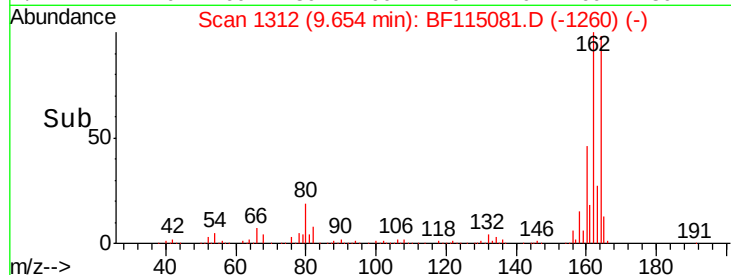
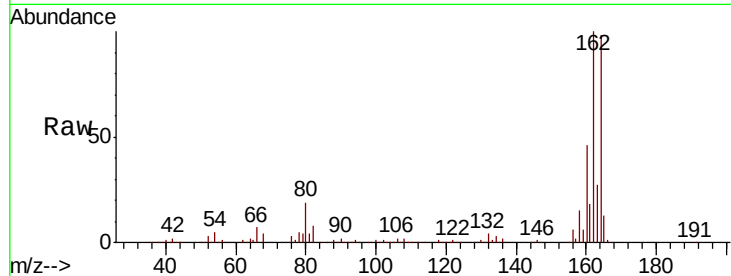
ClientSampleId :

SSTDICC080

Tot Ion:	164	Resp:	404516
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.7	122.5
160	46.9	37.0	55.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.933 ng

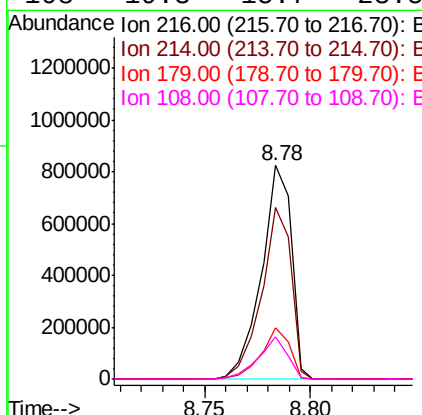
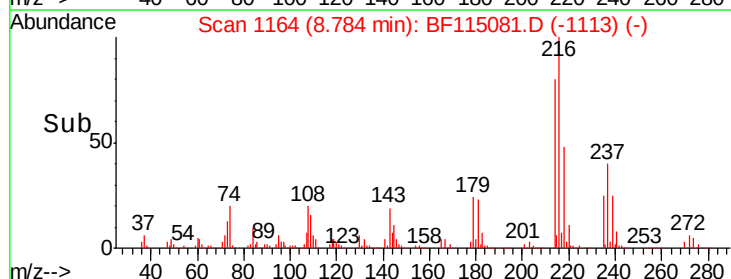
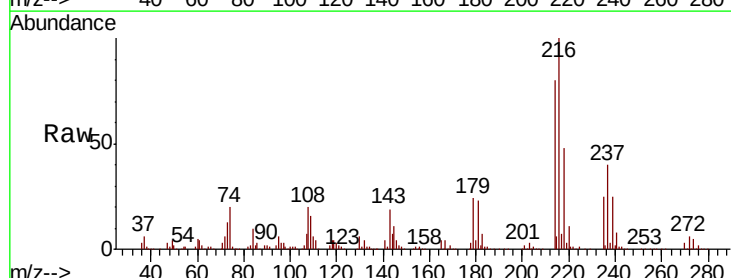
RT: 8.78 min Scan# 1164

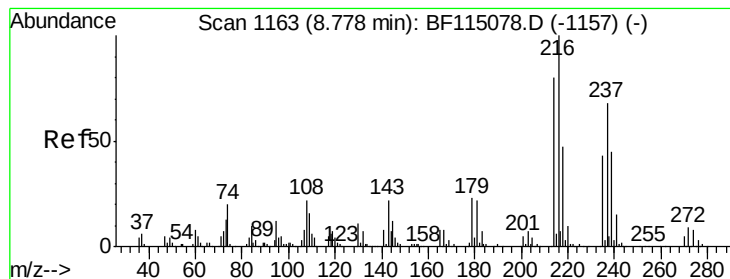
Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:	216	Resp:	811866
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.6
179	22.6	17.6	26.4
108	19.3	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 84.648 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

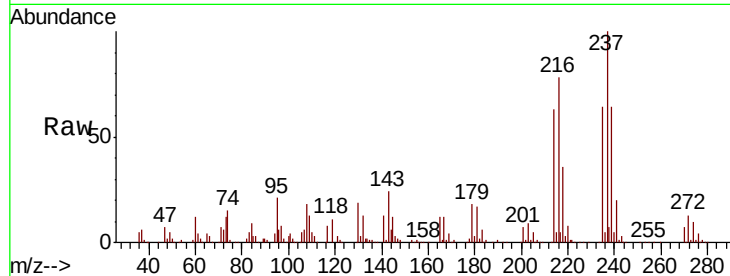
ClientSampleId :

SSTDIC080

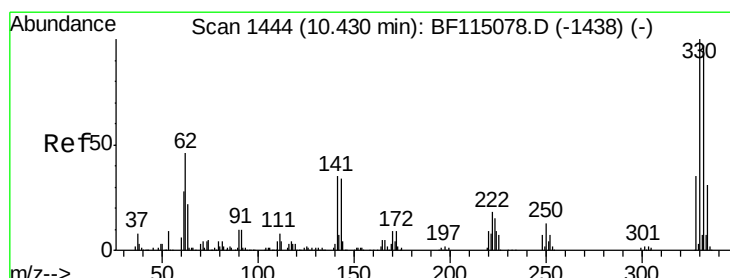
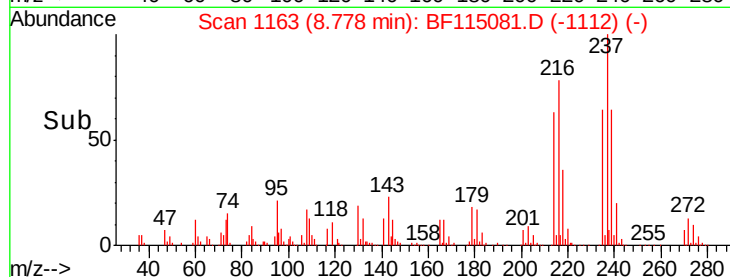
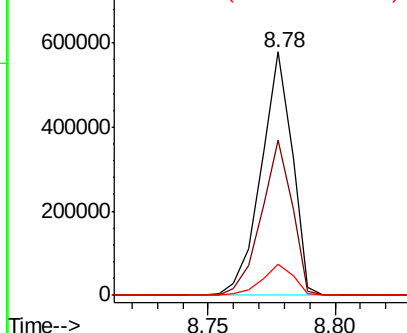
Tot Ion:	237	Resp:	498486
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.9	83.9
272	13.0	0.0	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 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: 145.407 ng

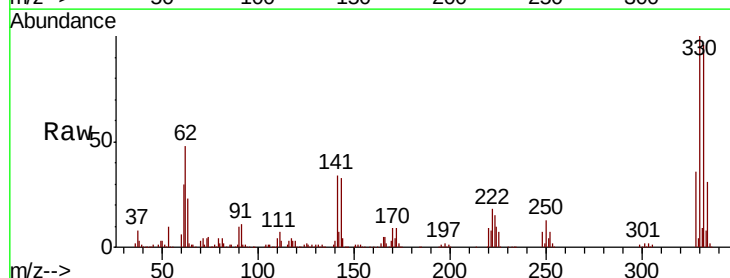
RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

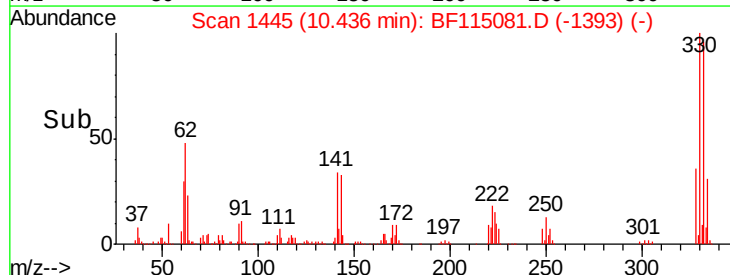
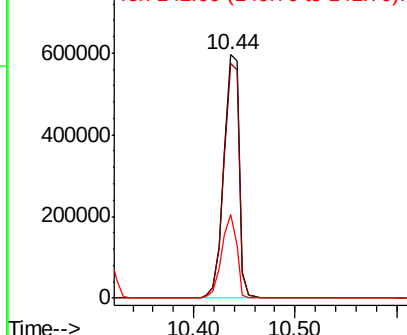
Lab File: BF115081.D

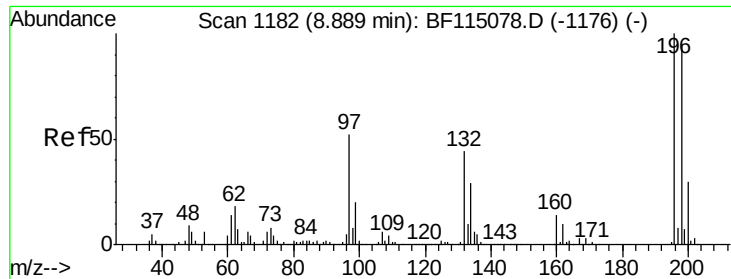
Acq: 21 Jun 2019 15:59

Tgt Ion:	330	Resp:	629875
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	33.7	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





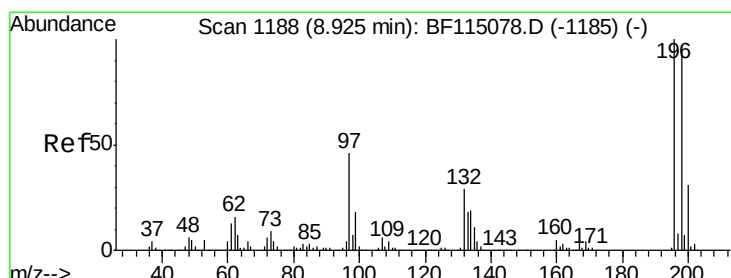
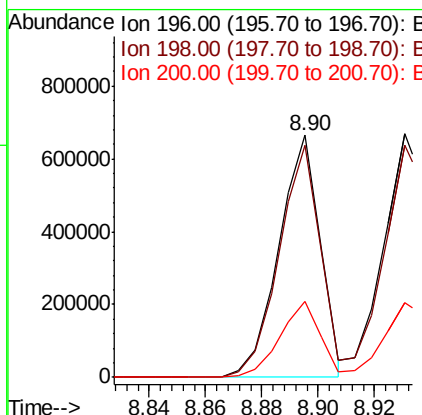
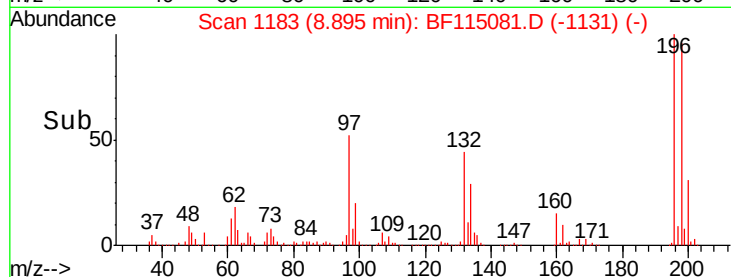
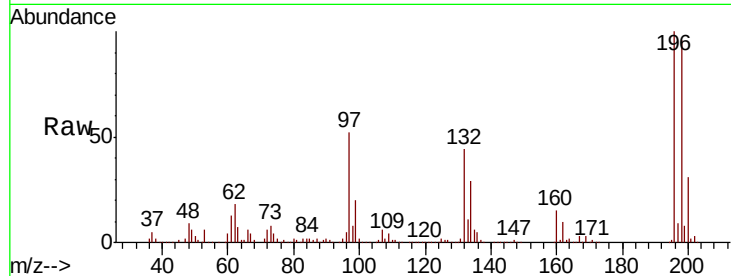
#43
 2,4,6-Trichlorophenol
 Concen: 75.561 ng
 RT: 8.90 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	674475		
198	95.7	76.3	114.5	
200	31.1	24.2	36.4	

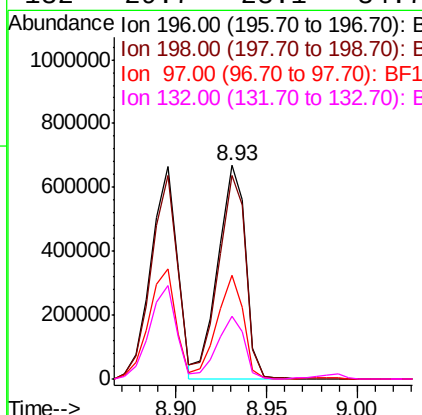
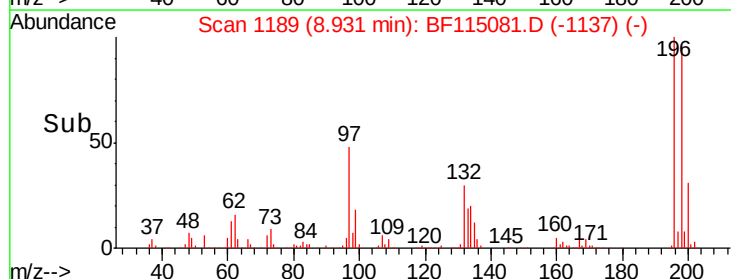
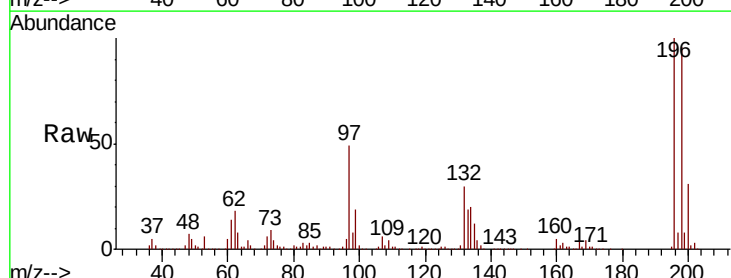
Manual Integrations
 APPROVED

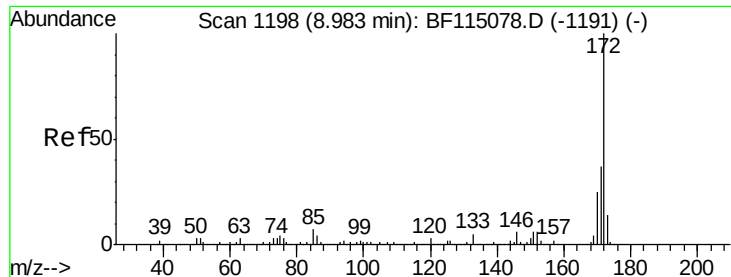
mohammad
 6/25/2019 12:41:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 78.273 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	706086		
198	95.5	77.1	115.7	
97	48.5	37.7	56.5	
132	29.7	23.1	34.7	





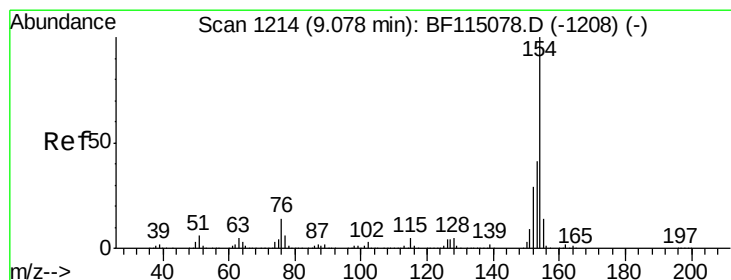
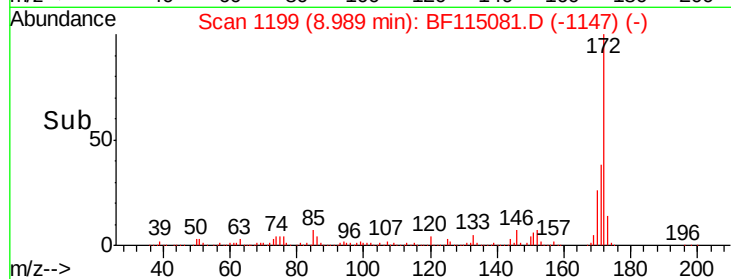
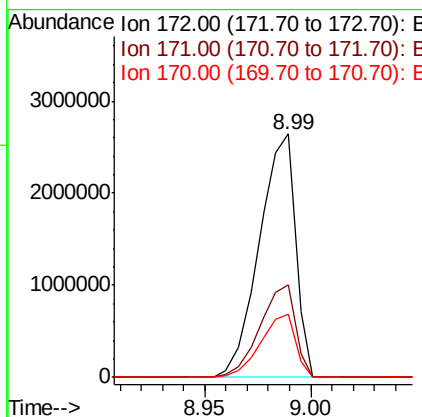
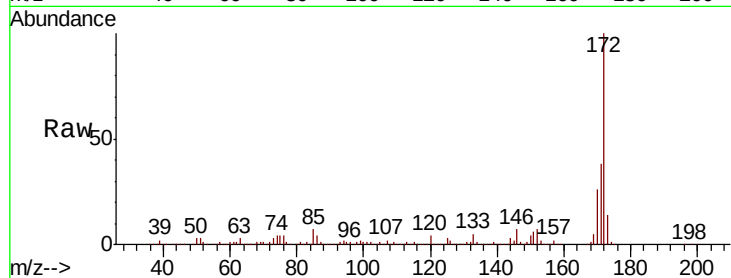
#45
2-Fluorobiphenyl
Concen: 132.071 ng
RT: 8.99 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.8	20.3	30.5

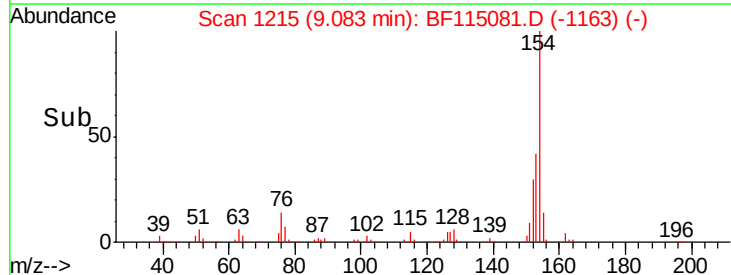
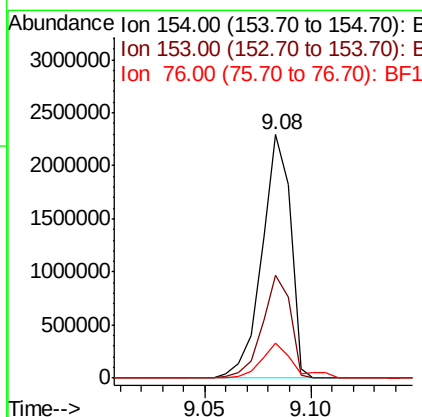
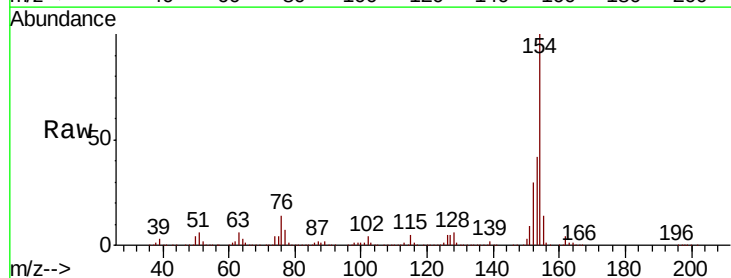
Manual Integrations
APPROVED

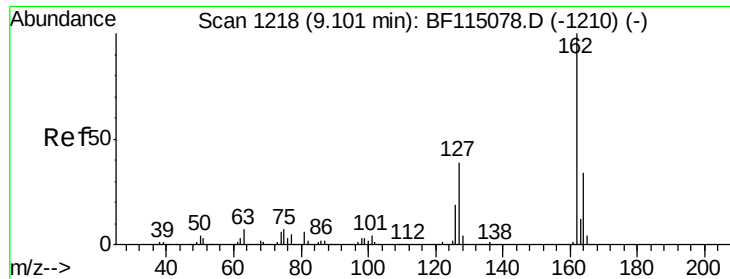
mohammad
6/25/2019 12:41:06 PM



#46
1,1'-Biphenyl
Concen: 66.740 ng
RT: 9.08 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.9	60.9
76	14.2	0.0	34.1





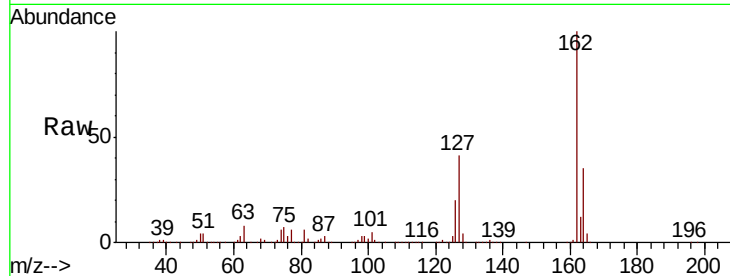
#47
2-Chloronaphthalene
Concen: 71.693 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

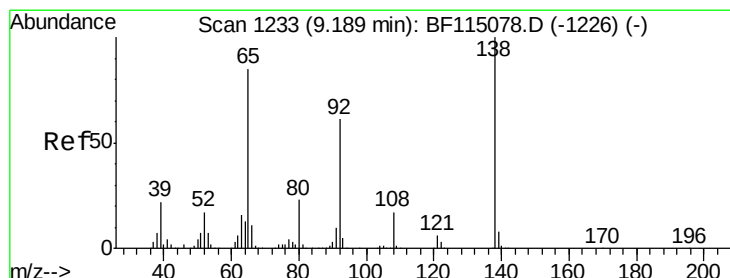
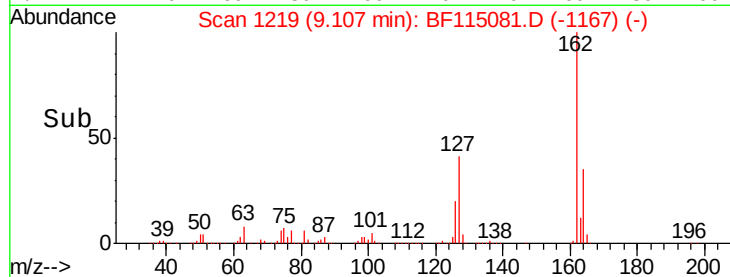
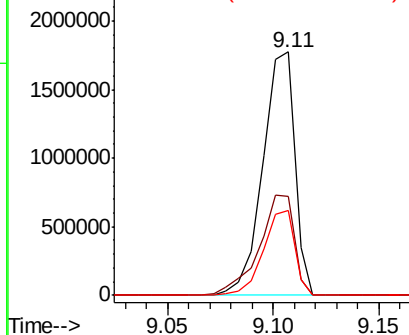
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.8	46.2
164	34.8	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



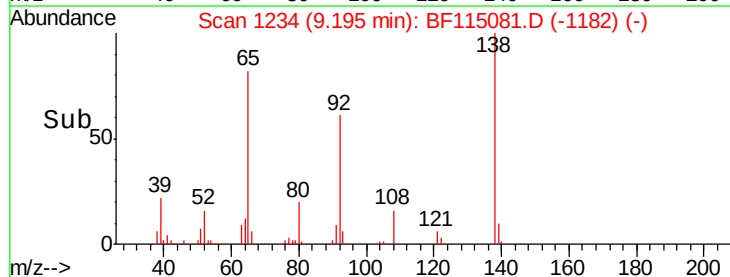
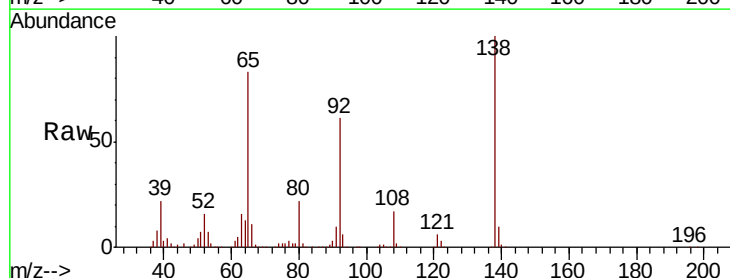
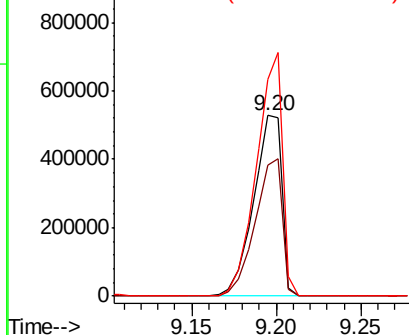
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

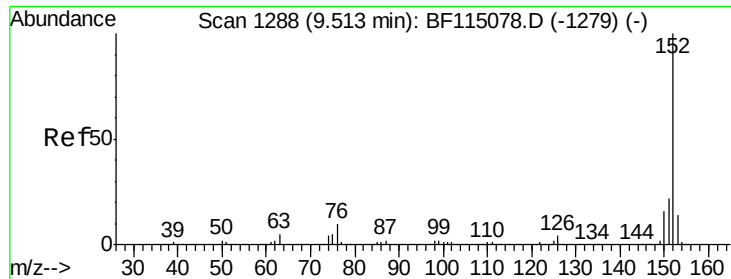


#48
2-Nitroaniline
Concen: 79.157 ng
RT: 9.20 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	120.3	94.1	141.1

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





#49

Acenaphthylene

Concen: 70.802 ng

RT: 9.52 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 2853507

Ion Ratio Lower Upper

152 100

151 22.3 17.2 25.8

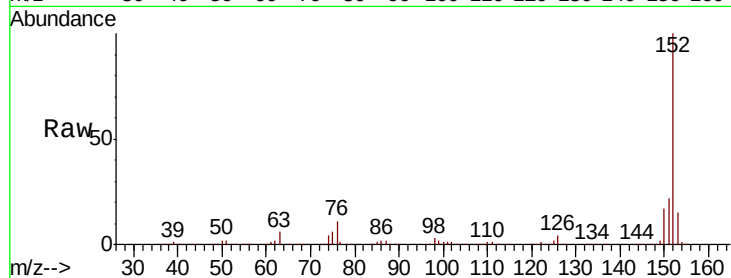
153 14.6 11.0 16.6

Manual Integrations

APPROVED

mohammad

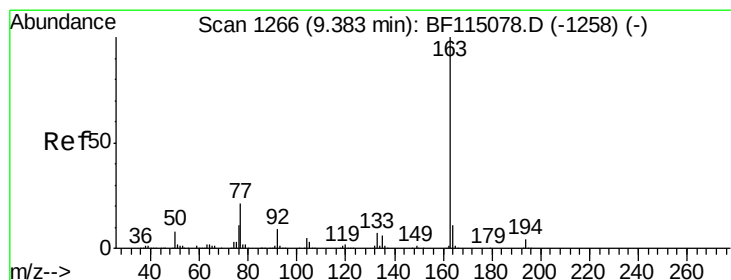
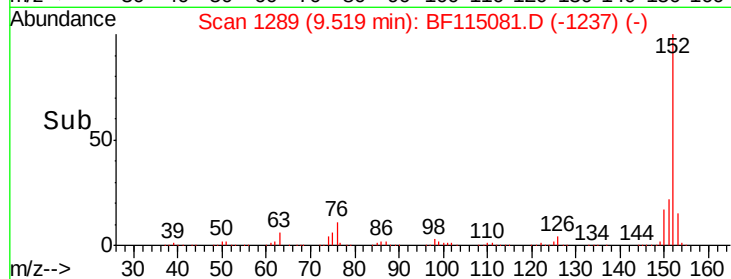
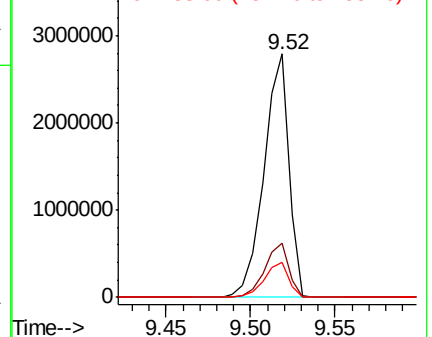
6/25/2019 12:41:06 PM



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: 71.008 ng

RT: 9.40 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

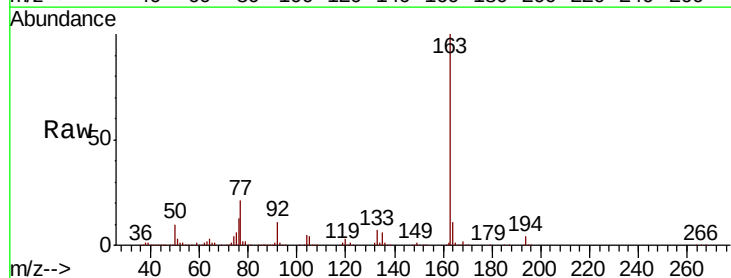
Tgt Ion:163 Resp: 2160150

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

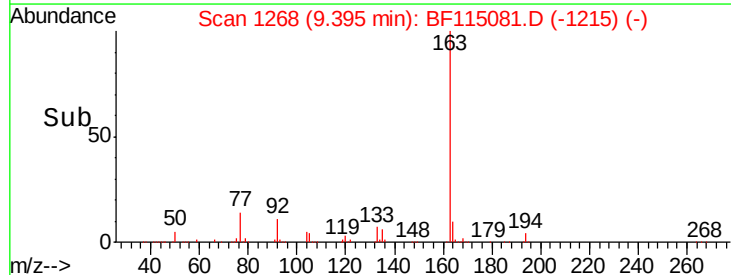
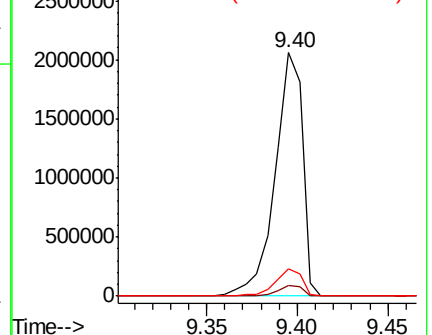
164 11.1 8.6 13.0

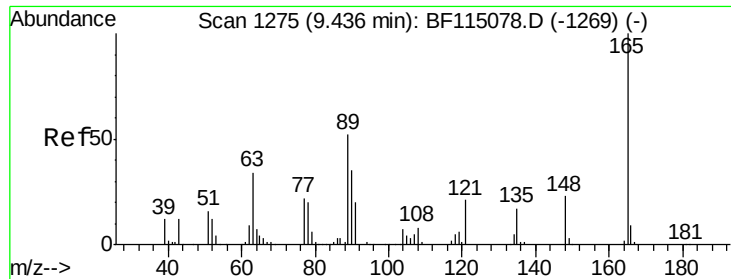


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





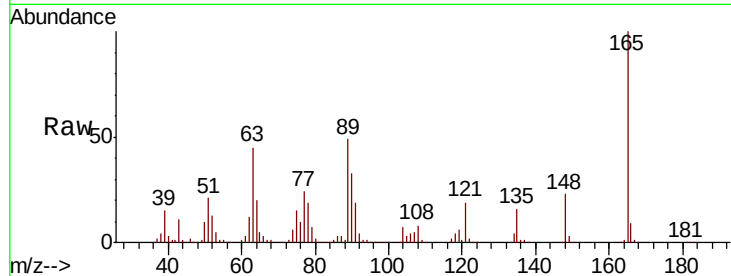
#51
 2,6-Dinitrotoluene
 Concen: 78.435 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

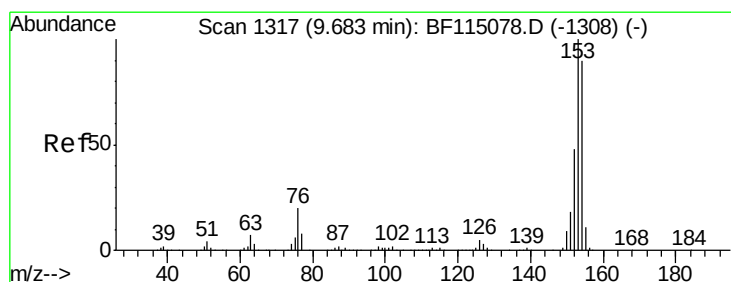
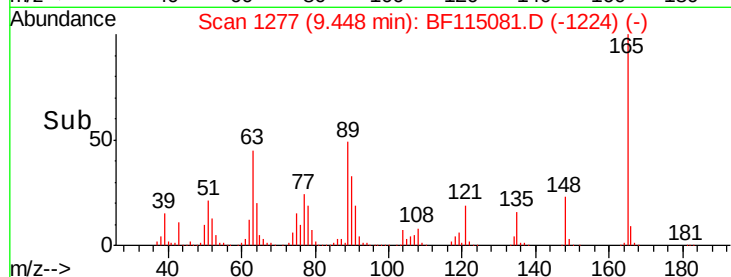
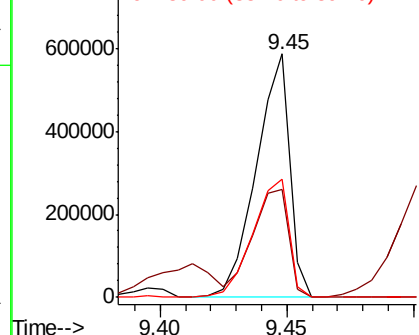
Tot Ion	Ratio	Resp	Lower	Upper
165	100	541255		
63	44.5	39.4	59.2	
89	48.7	42.0	63.0	

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:06 PM

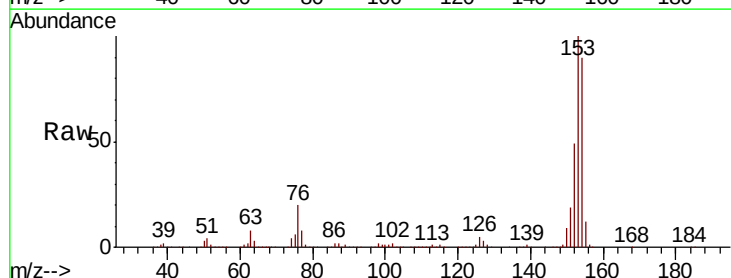


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

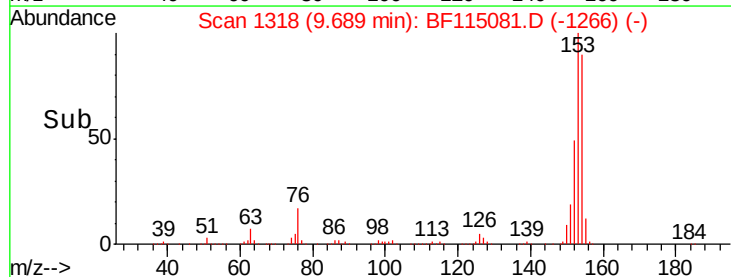
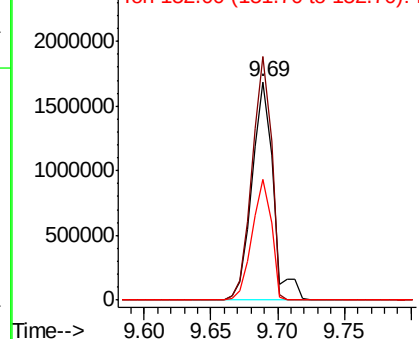


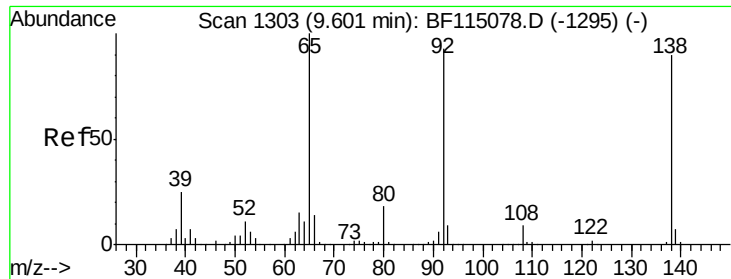
#52
 Acenaphthene
 Concen: 79.648 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1836556		
153	111.5	88.7	133.1	
152	55.1	42.6	64.0	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





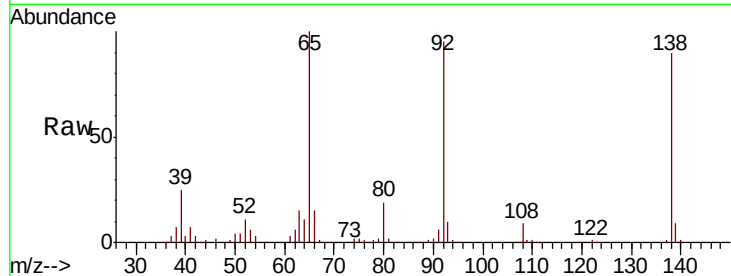
#53
3-Nitroaniline
Concen: 76.468 ng
RT: 9.61 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	105.3	82.9	124.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

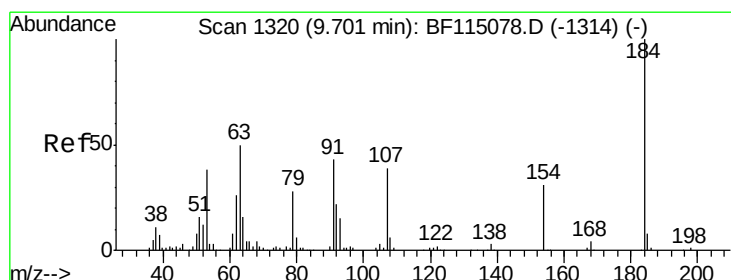
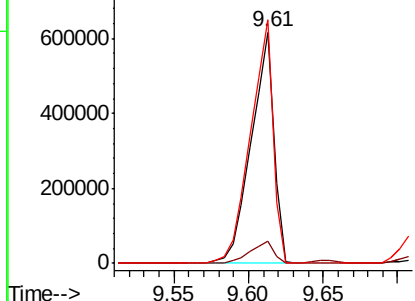
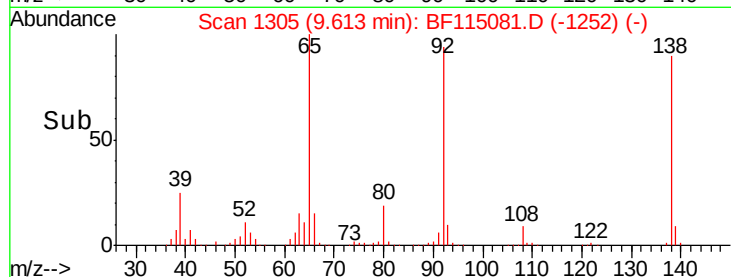


Abundance

Ion 138.00 (137.70 to 138.70): E

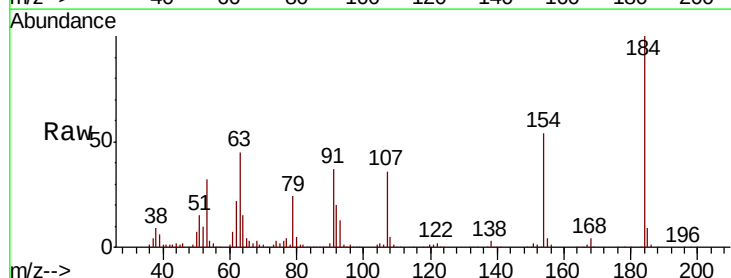
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 85.155 ng
RT: 9.71 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.3	41.9	62.9
154	53.6	44.7	67.1

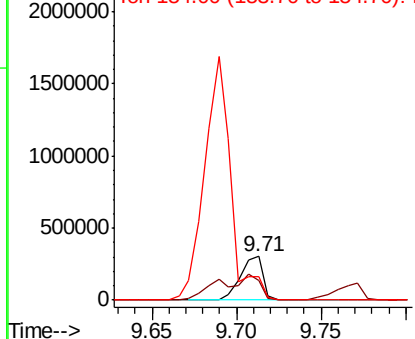
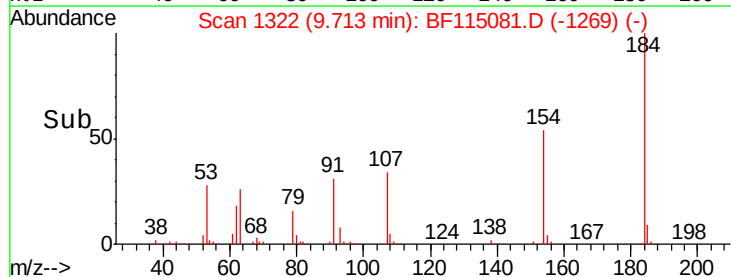


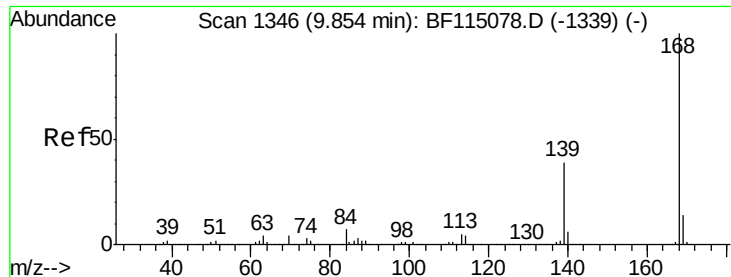
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





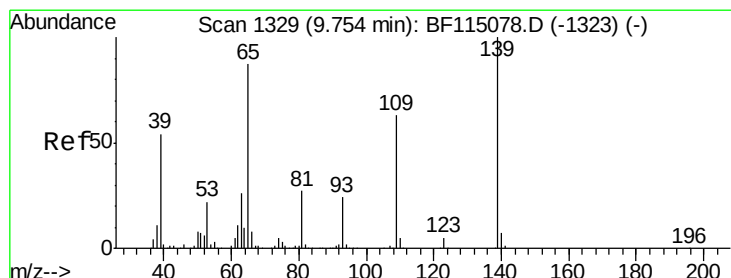
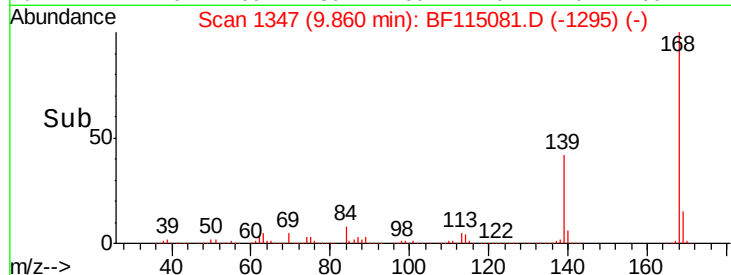
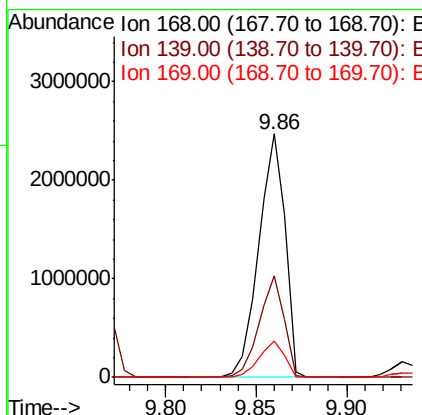
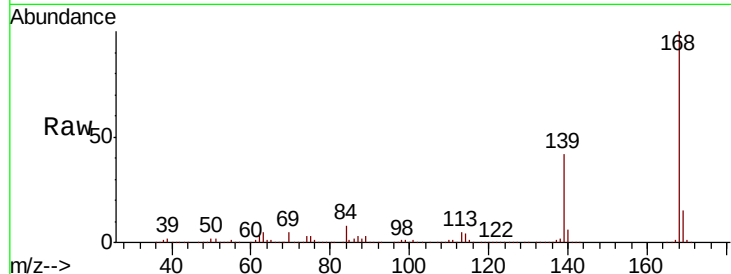
#55
Dibenzenofuran
Concen: 71.472 ng
RT: 9.86 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.1	46.7
169	15.1	11.3	16.9

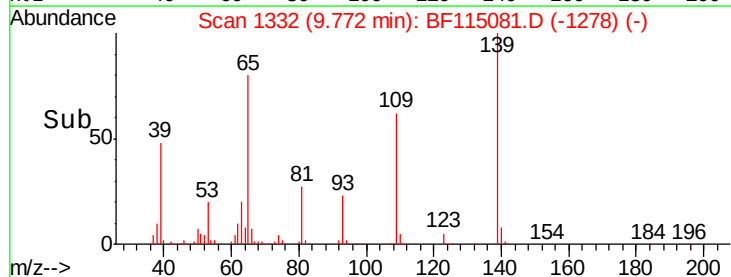
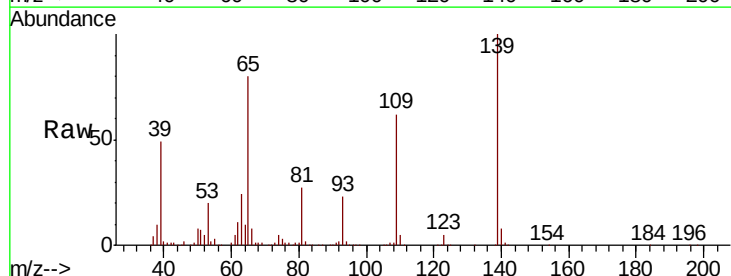
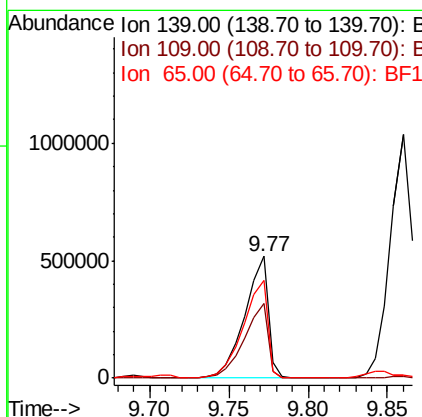
Manual Integrations
APPROVED

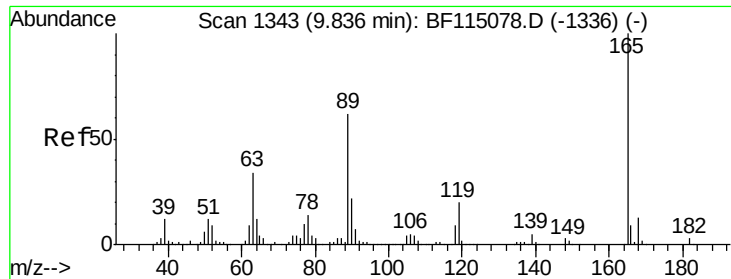
mohammad
6/25/2019 12:41:06 PM



#56
4-Nitrophenol
Concen: 90.817 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.0	83.0
65	80.1	67.0	107.0





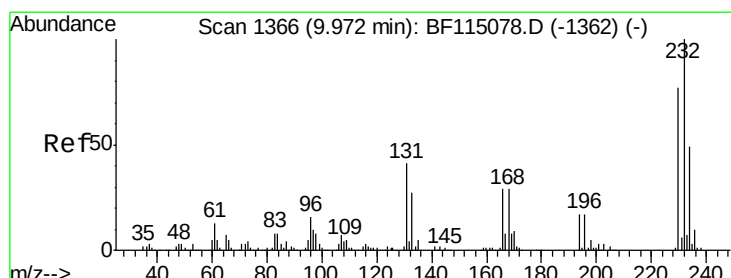
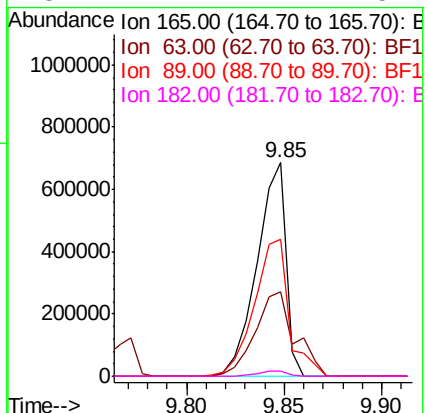
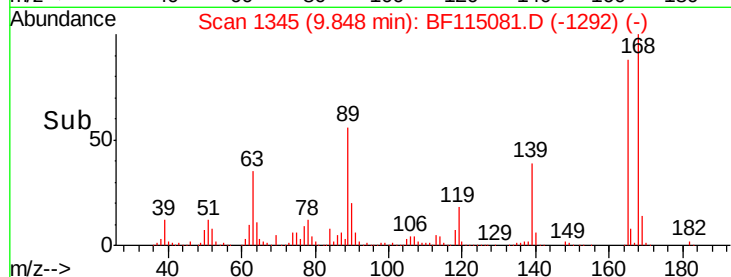
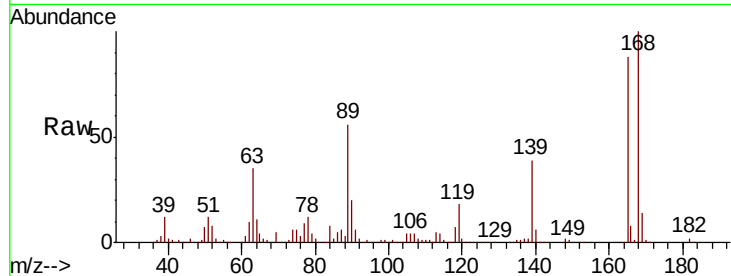
#57
2,4-Dinitrotoluene
Concen: 80.028 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	702896		
63	39.6		27.5	41.3
89	64.0		49.9	74.9
182	2.7		2.1	3.1

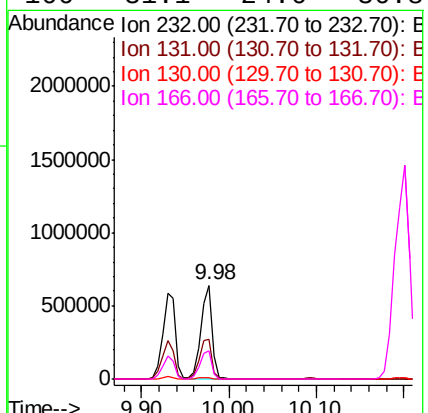
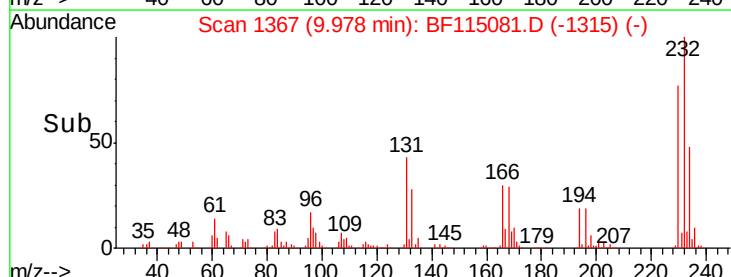
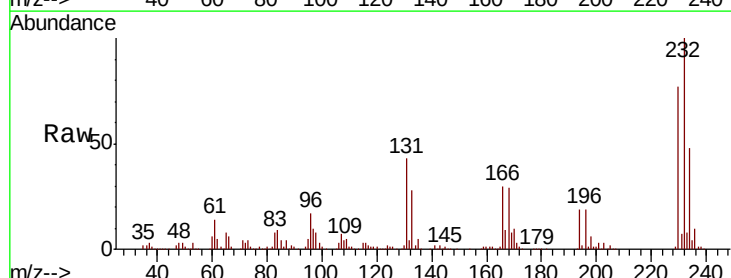
Manual Integrations
APPROVED

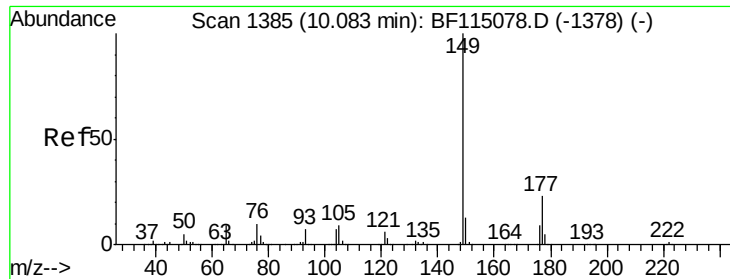
mohammad
6/25/2019 12:41:06 PM



#59
2,3,4,6-Tetrachlorophenol
Concen: 78.334 ng
RT: 9.98 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	570787		
131	46.7		37.4	56.0
130	2.2		1.8	2.6
166	31.1		24.6	36.8





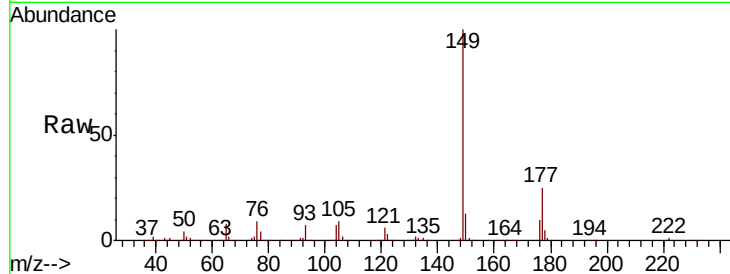
#60
Diethylphthalate
Concen: 75.367 ng
RT: 10.10 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.7	28.1
150	13.3	10.4	15.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

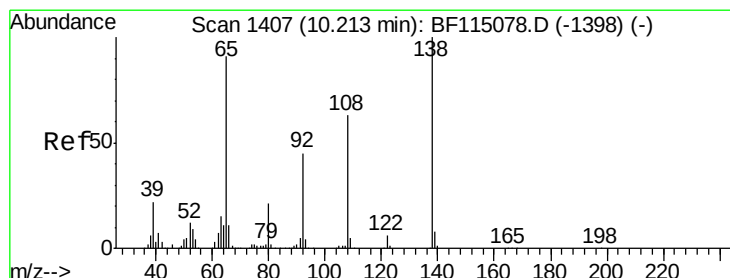
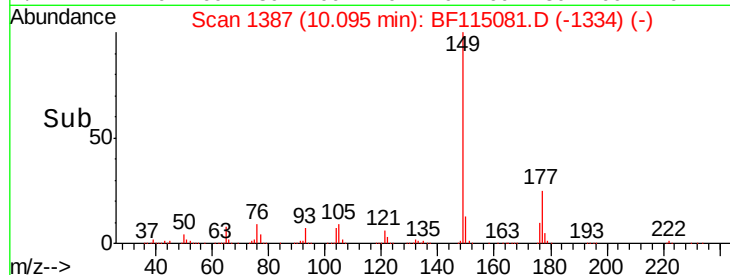
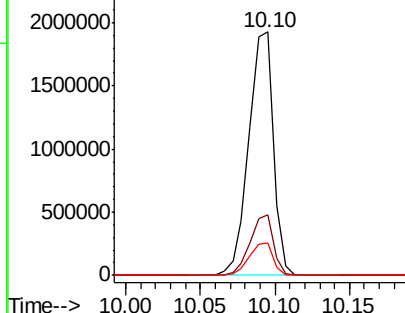


Abundance

Ion 149.00 (148.70 to 149.70): E

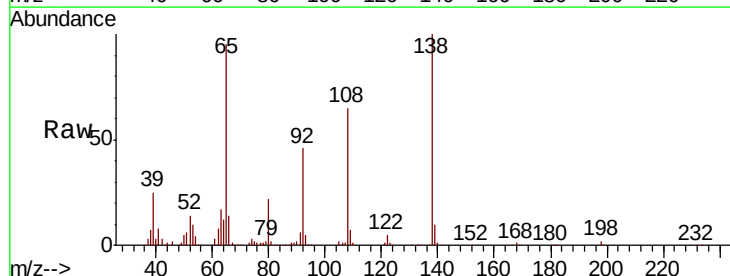
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62
4-Nitroaniline
Concen: 78.144 ng
RT: 10.23 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

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

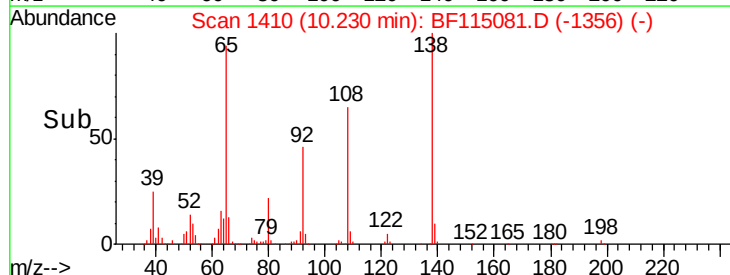
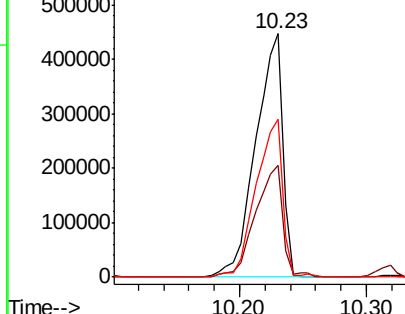


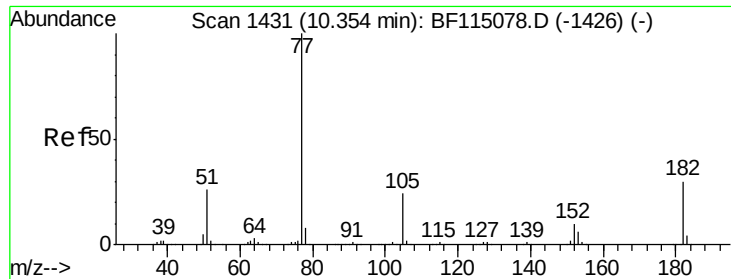
Abundance

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





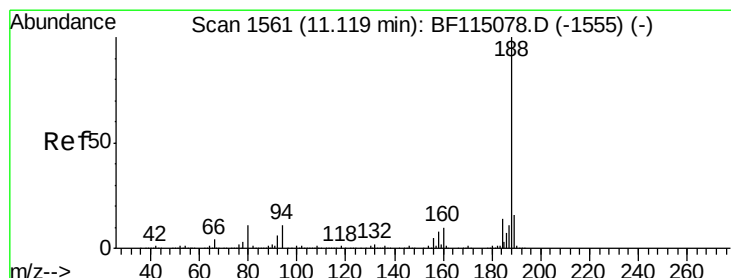
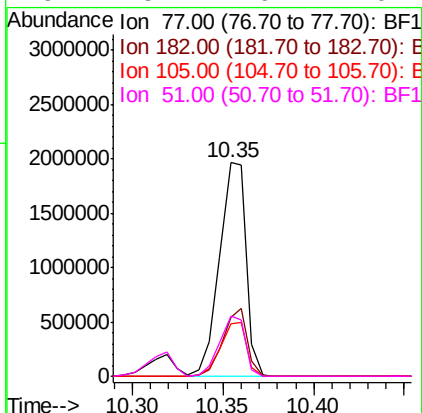
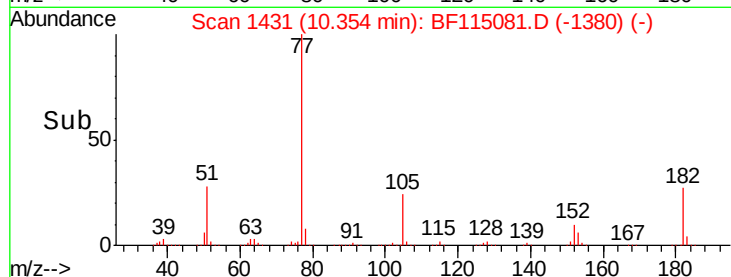
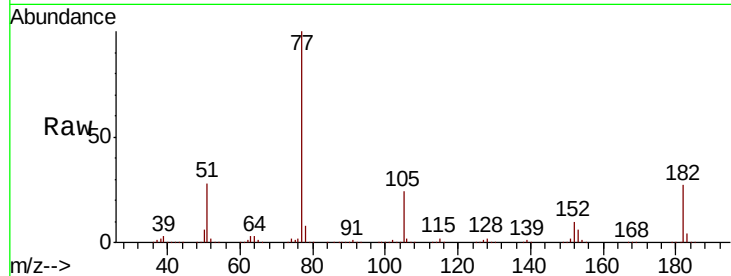
#63
Azobenzene
Concen: 78.714 ng
RT: 10.35 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	10.1	50.1
105	24.4	4.5	44.5
51	28.1	6.4	46.4

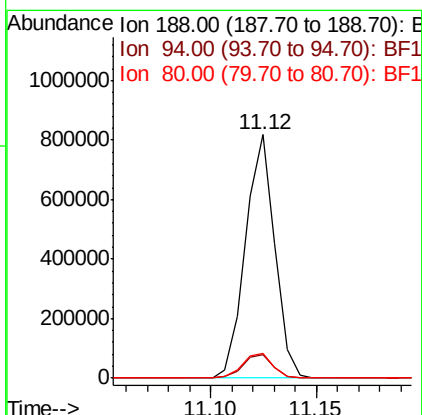
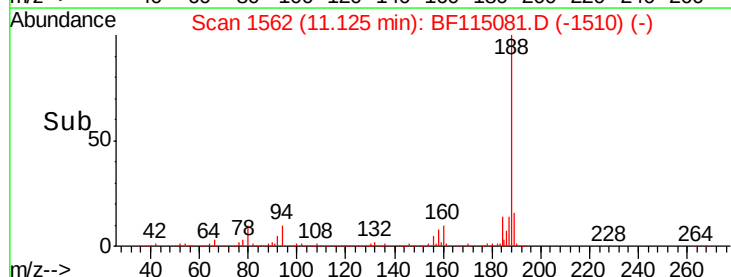
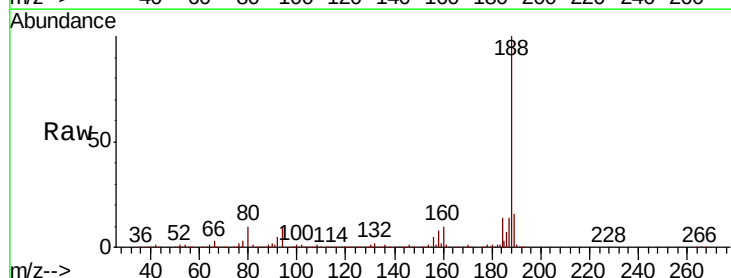
Manual Integrations
APPROVED

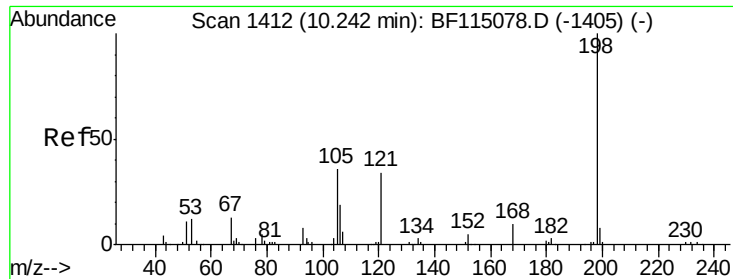
mohammad
6/25/2019 12:41:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.2	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 80.359 ng

RT: 10.25 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

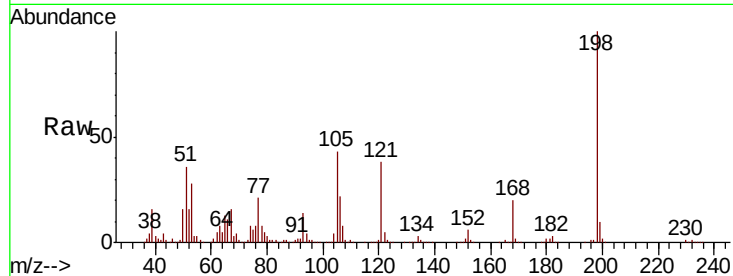
ClientSampleId :

SSTDIC080

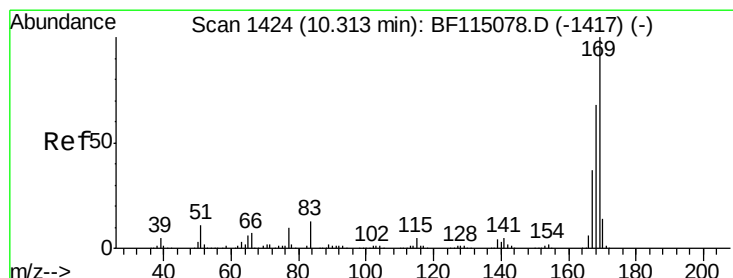
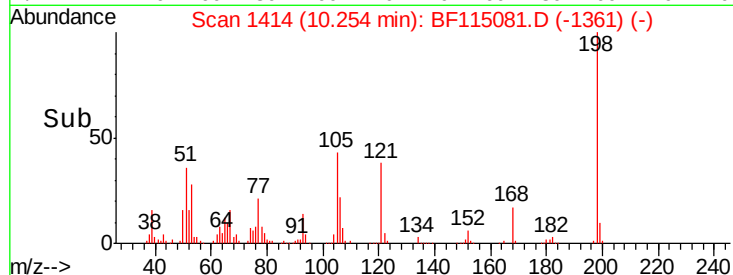
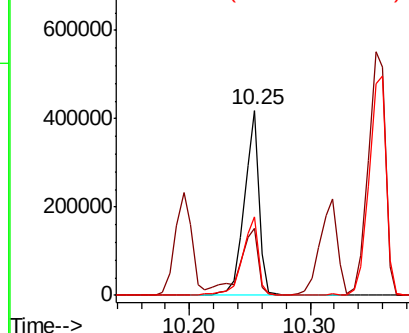
Tot Ion:	198	Resp:	354227
Ion Ratio	Lower	Upper	
198	100		
51	36.3	11.0	51.0
105	42.6	17.3	57.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 76.317 ng

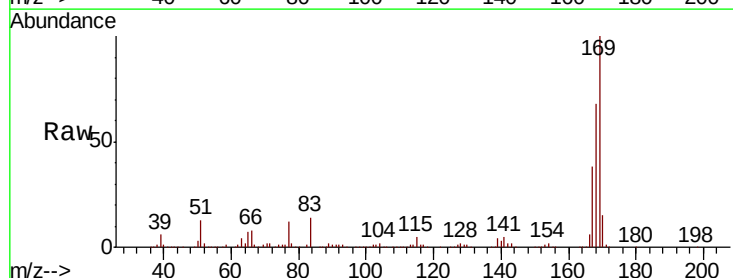
RT: 10.32 min Scan# 1425

Delta R.T. 0.01 min

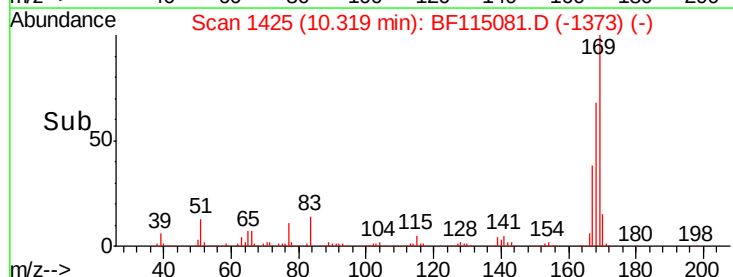
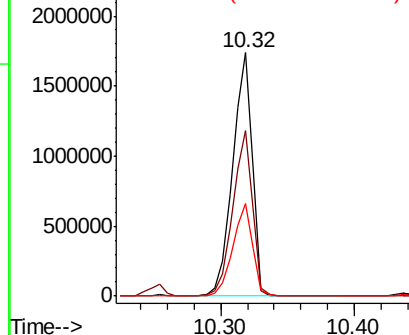
Lab File: BF115081.D

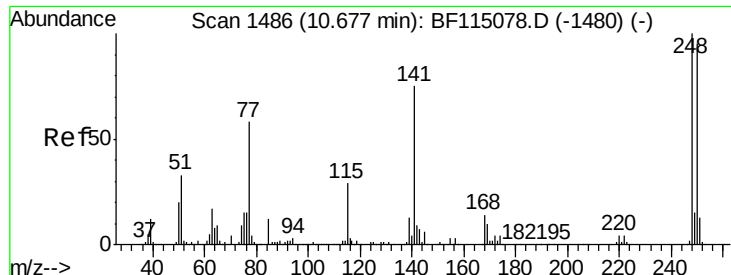
Acq: 21 Jun 2019 15:59

Tgt Ion:	169	Resp:	1794155
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.2	81.4
167	38.0	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





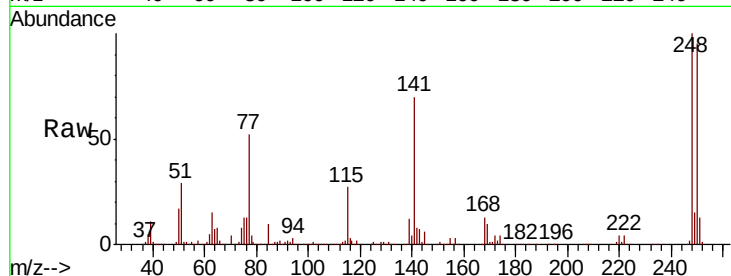
#67
4-Bromophenyl-phenylether
Concen: 74.886 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.2	114.2
141	69.7	59.6	89.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM

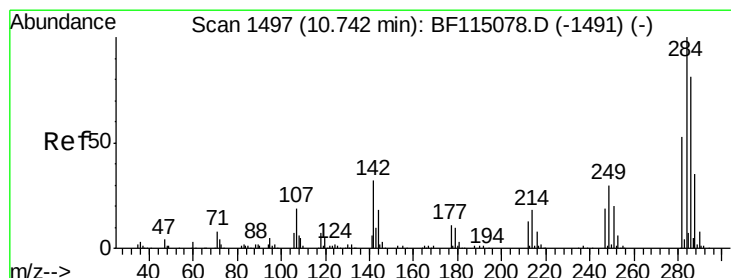
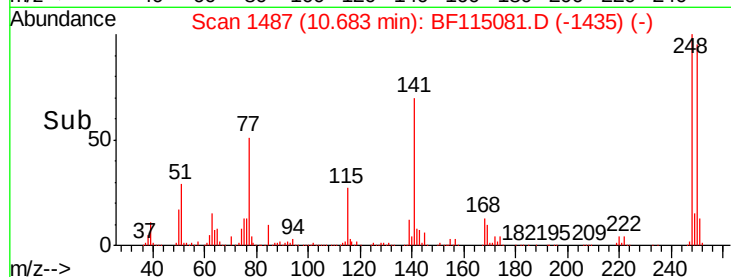
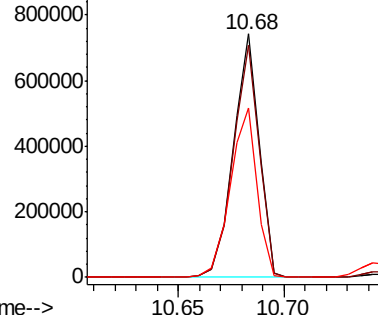


Abundance

Ion 248.00 (247.70 to 248.70): E

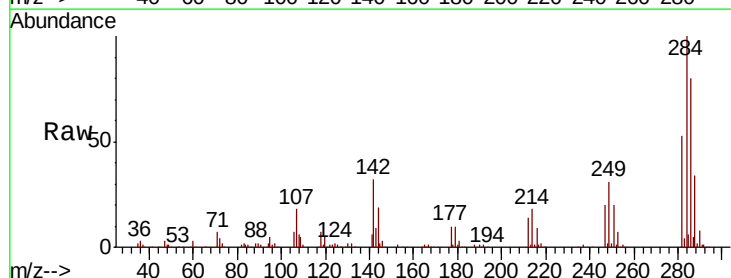
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 73.337 ng
RT: 10.75 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.8
249	31.3	24.2	36.4

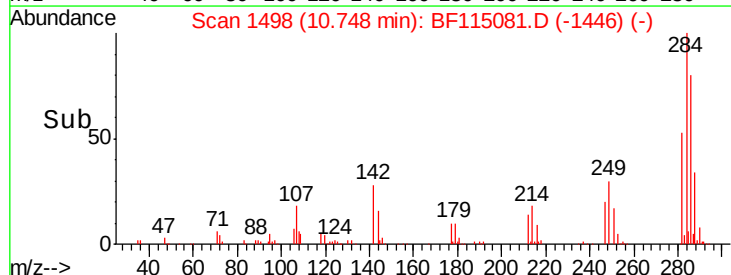
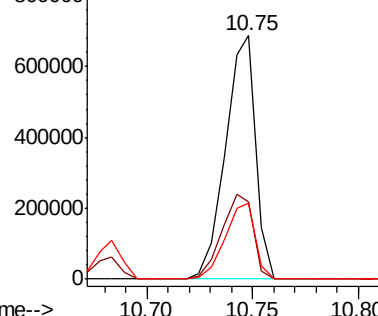


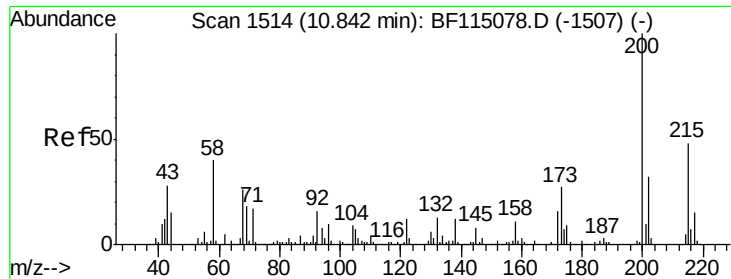
Abundance

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





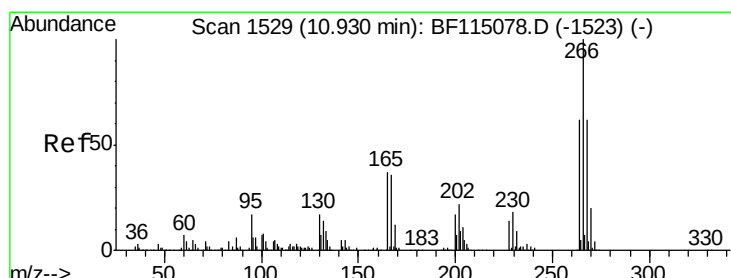
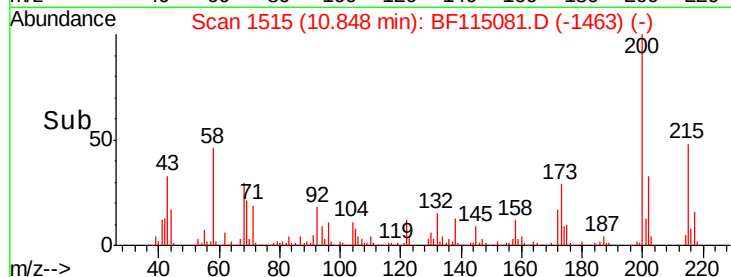
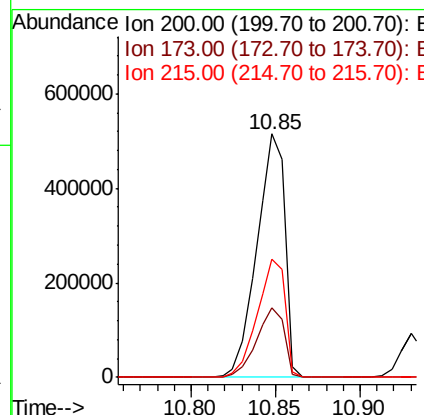
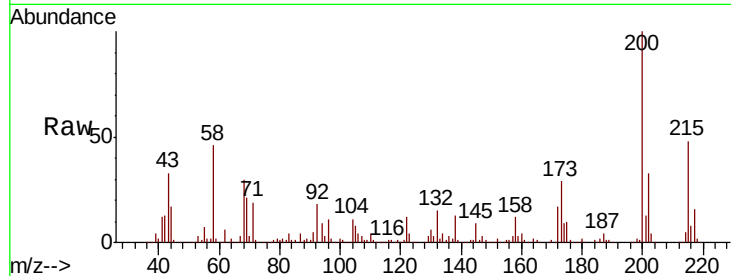
#69
Atrazine
Concen: 78.321 ng
RT: 10.85 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	7.4	47.4
215	48.3	27.8	67.8

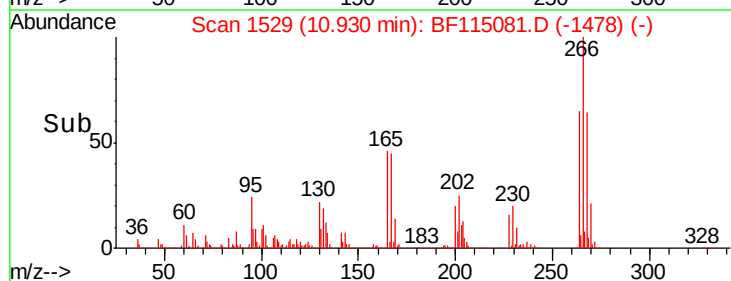
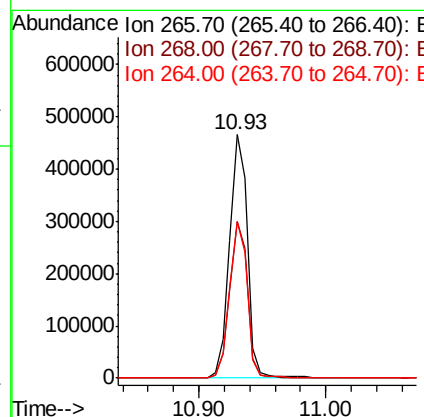
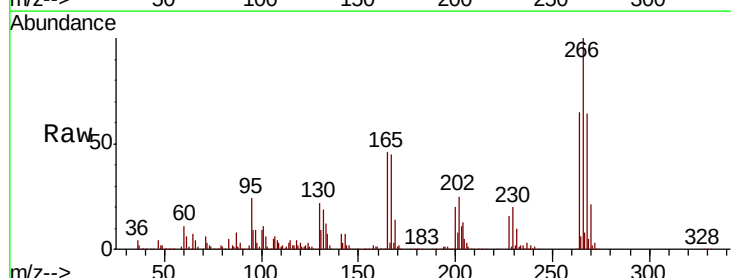
Manual Integrations
APPROVED

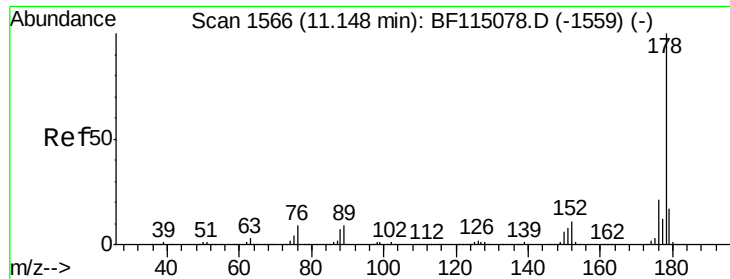
mohammad
6/25/2019 12:41:06 PM



#70
Pentachlorophenol
Concen: 90.333 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	49.5	74.3
264	64.5	49.3	73.9





#71
 Phenanthrene
 Concen: 69.807 ng
 RT: 11.15 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

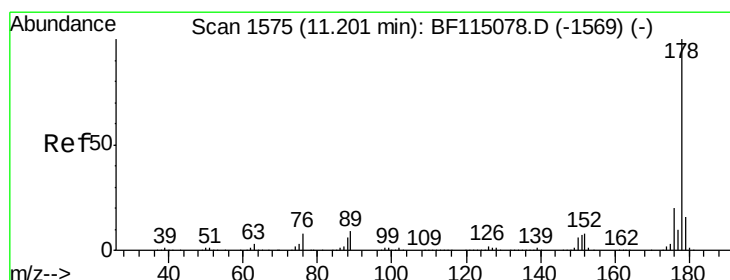
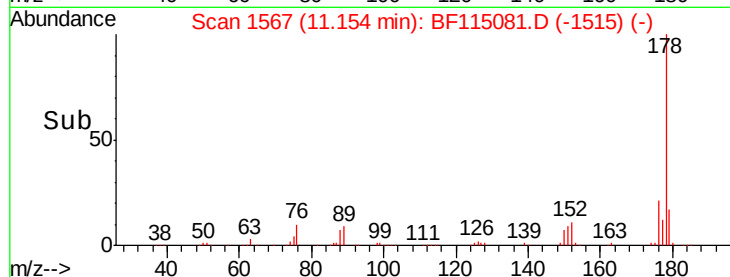
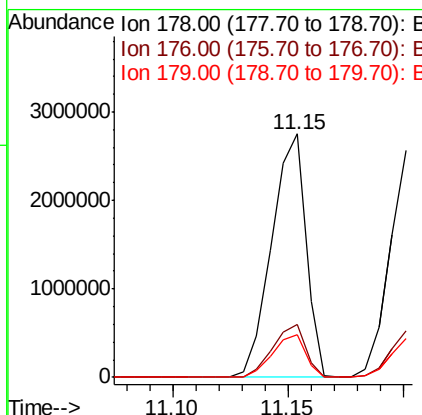
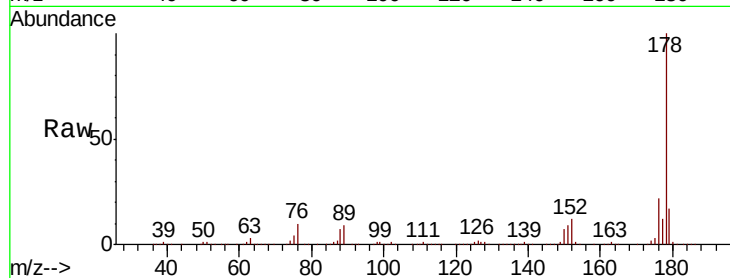
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 2834635

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.9	25.3
179	17.3	13.2	19.8

Manual Integrations
 APPROVED

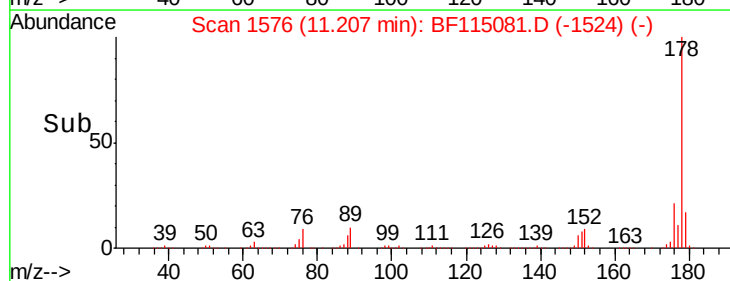
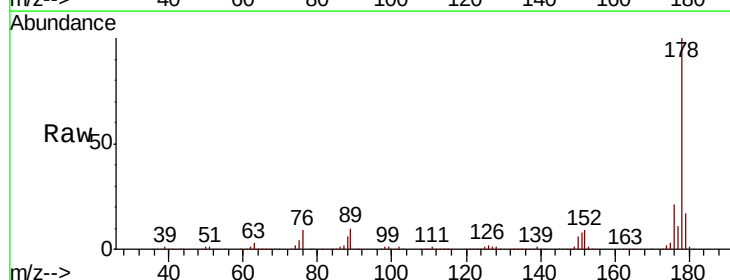
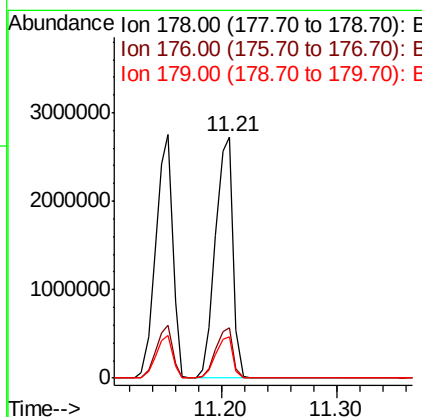
mohammad
 6/25/2019 12:41:06 PM

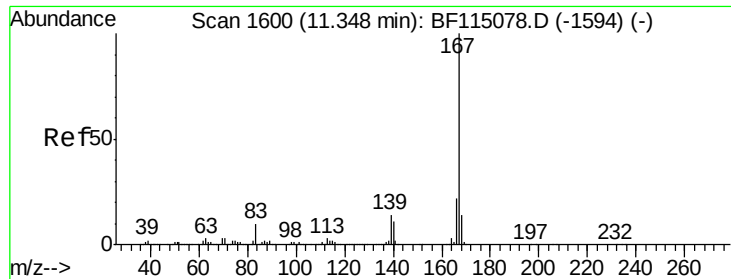


#72
 Anthracene
 Concen: 70.076 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:178 Resp: 2870710

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	17.0	12.9	19.3





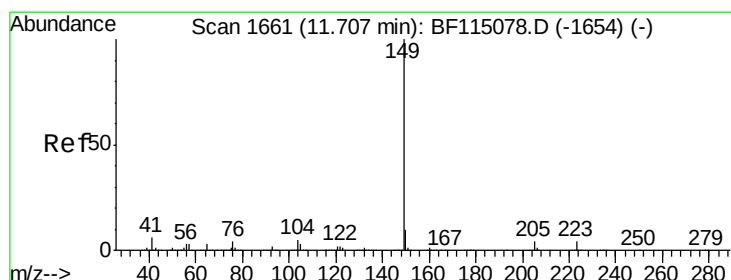
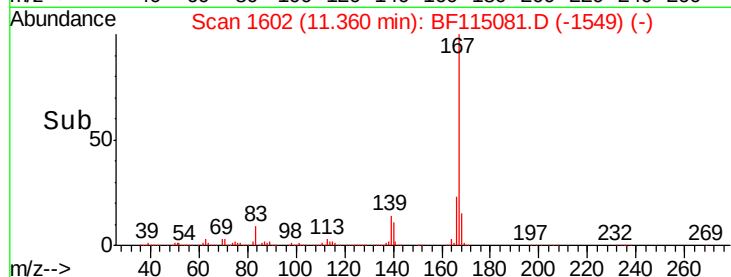
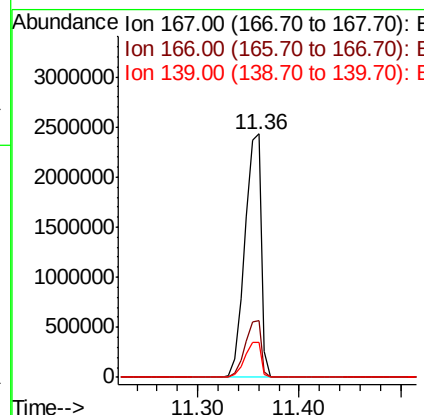
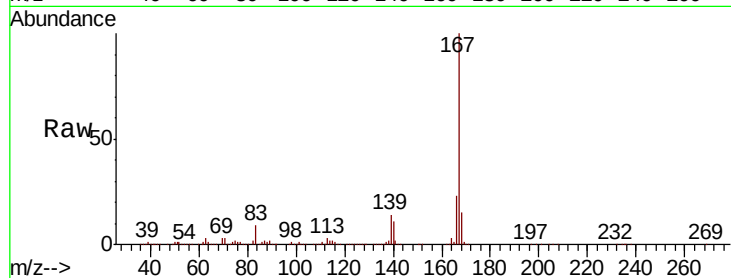
#73
 Carbazole
 Concen: 75.866 ng
 RT: 11.36 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.4	11.1	16.7

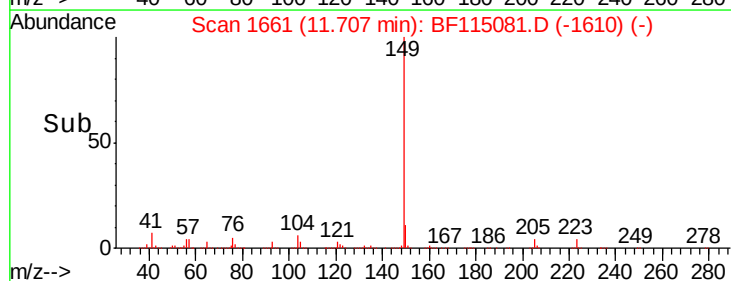
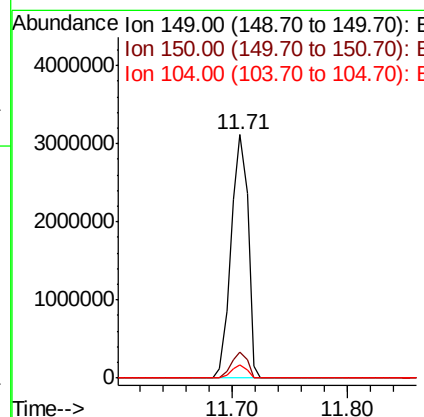
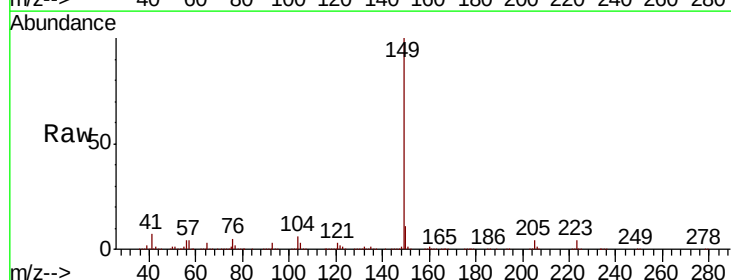
Manual Integrations
 APPROVED

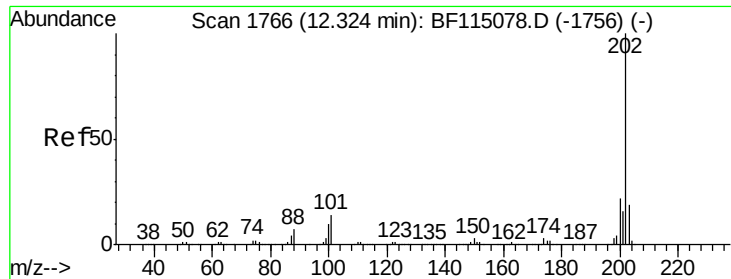
mohammad
 6/25/2019 12:41:06 PM



#74
 Di-n-butylphthalate
 Concen: 69.807 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.8	11.8
104	5.5	3.7	5.5#





#75

Fluoranthene

Concen: 72.521 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

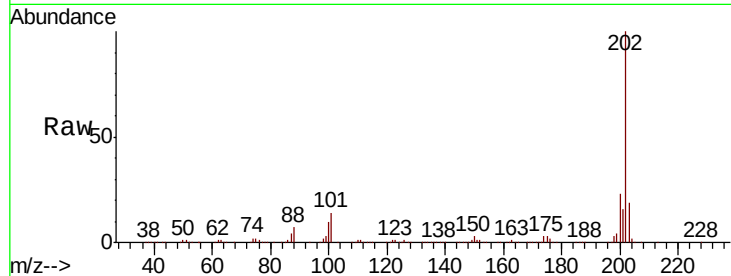
ClientSampleId :

SSTDIC080

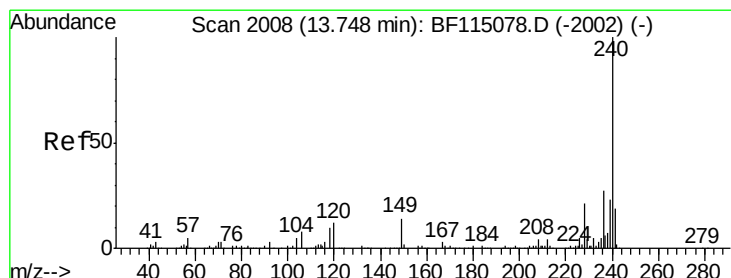
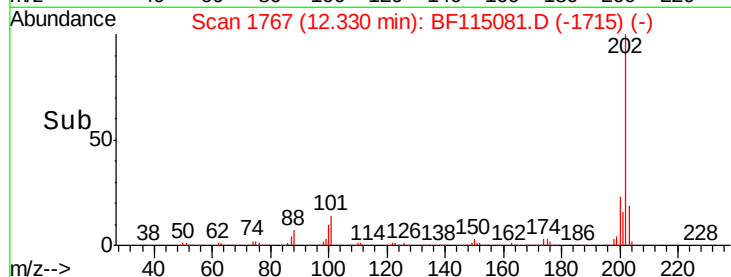
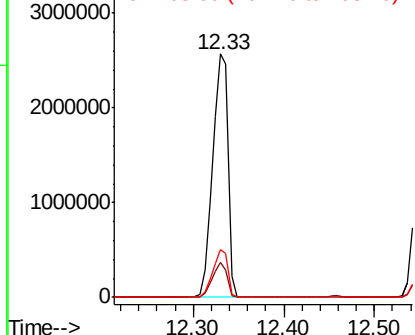
Tot Ion:	202	Resp:	3011266
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.0
203	19.4	0.0	38.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 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

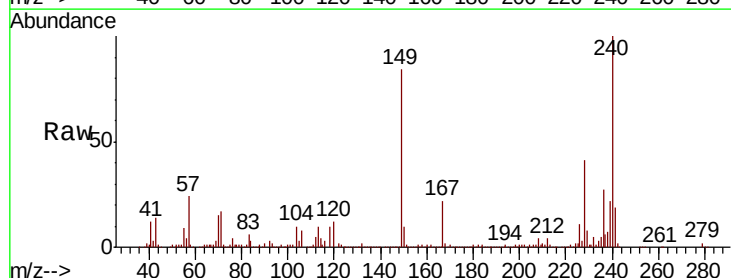
RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

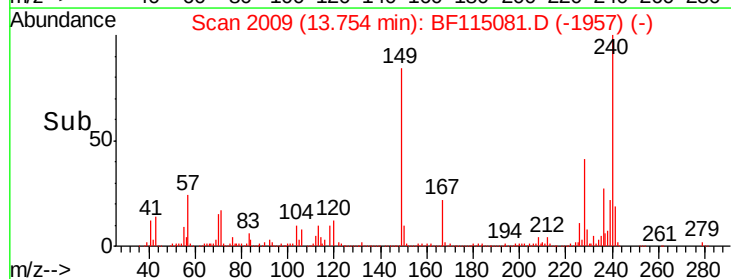
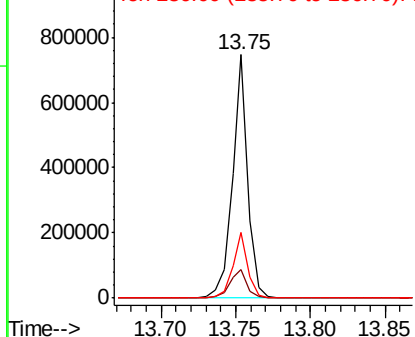
Lab File: BF115081.D

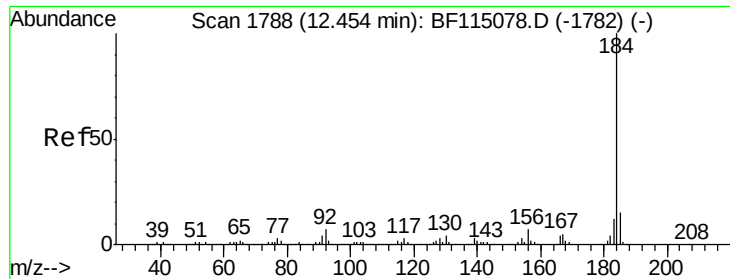
Acq: 21 Jun 2019 15:59

Tgt Ion:	240	Resp:	539075
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.4	14.2
236	26.9	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: 82.321 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1794959

Ion Ratio Lower Upper

184 100

185 19.7 12.2 18.2#

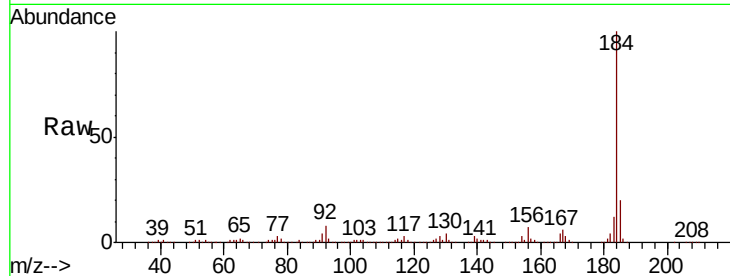
183 12.2 9.6 14.4

Manual Integrations

APPROVED

mohammad

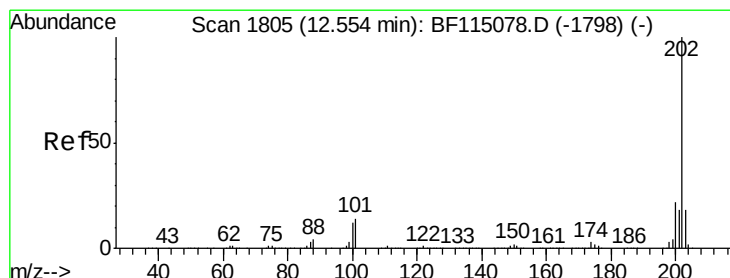
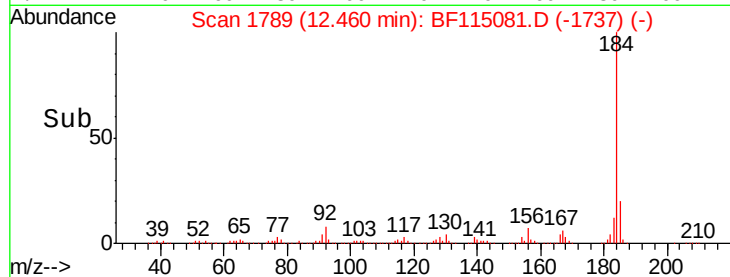
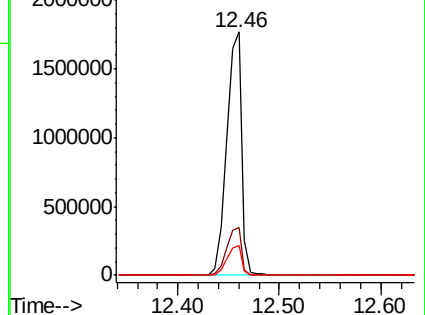
6/25/2019 12:41:06 PM



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: 63.129 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

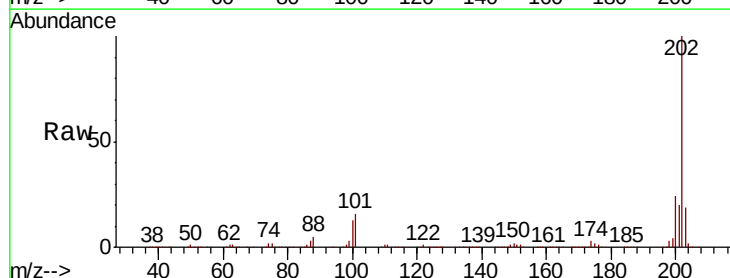
Tgt Ion:202 Resp: 3100187

Ion Ratio Lower Upper

202 100

200 23.7 17.9 26.9

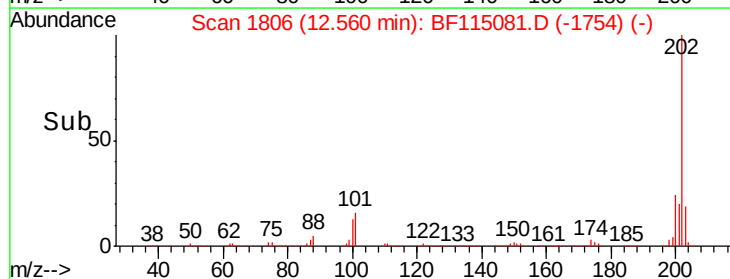
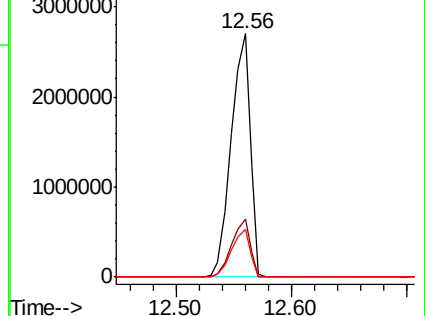
203 19.4 14.6 21.8

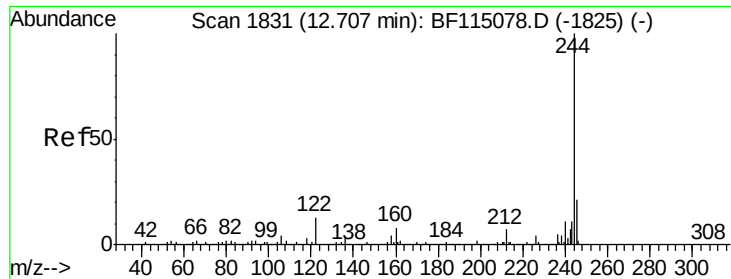


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





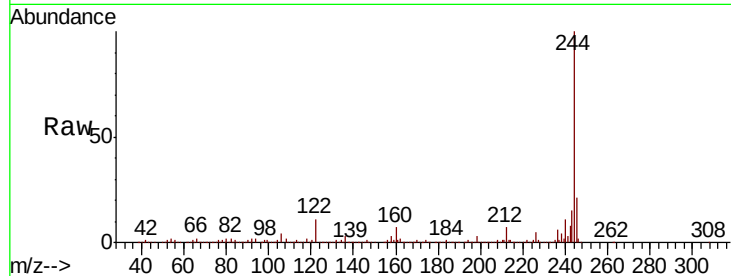
#79
 Terphenyl-d14
 Concen: 121.547 ng
 RT: 12.72 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

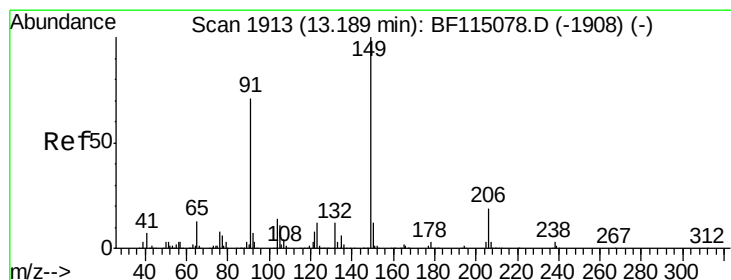
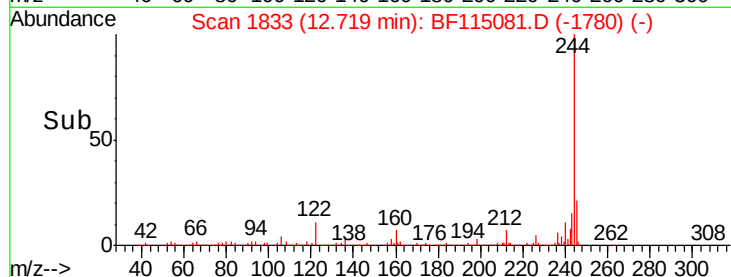
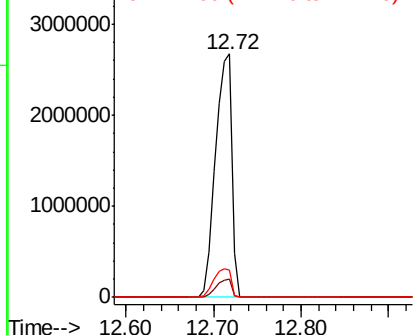
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	11.3	10.4	15.6

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:06 PM

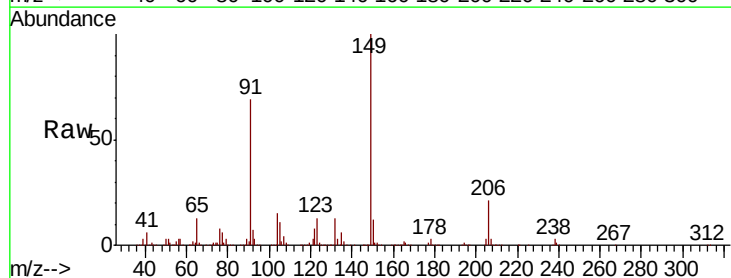


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

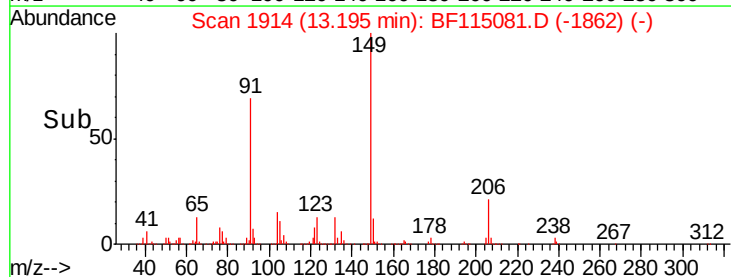
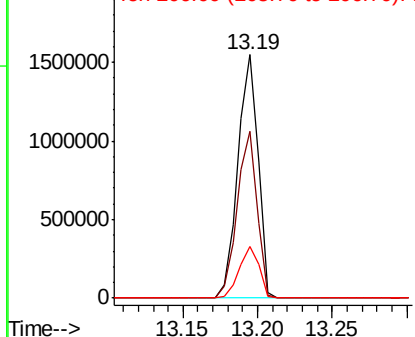


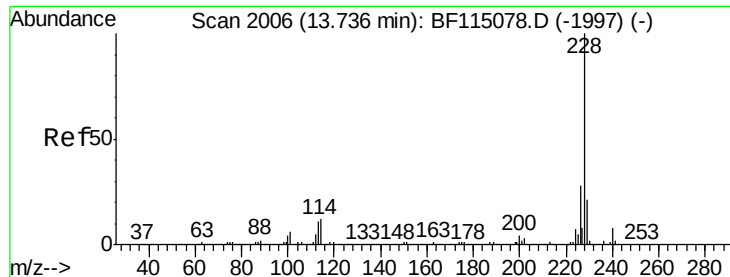
#80
 Butylbenzylphthalate
 Concen: 63.966 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.5	84.7
206	21.2	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





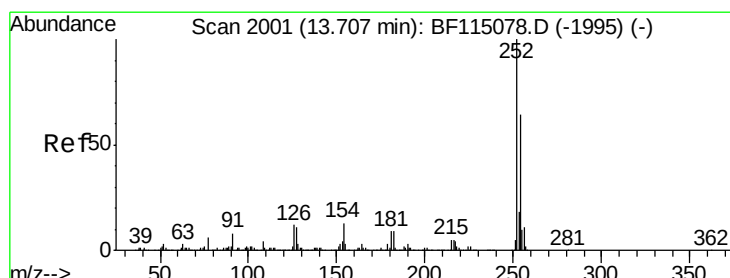
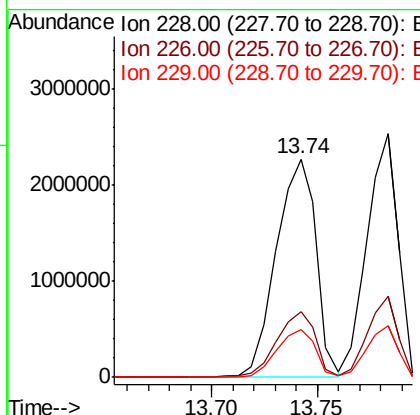
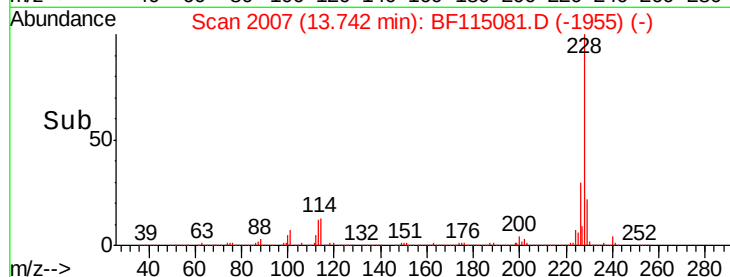
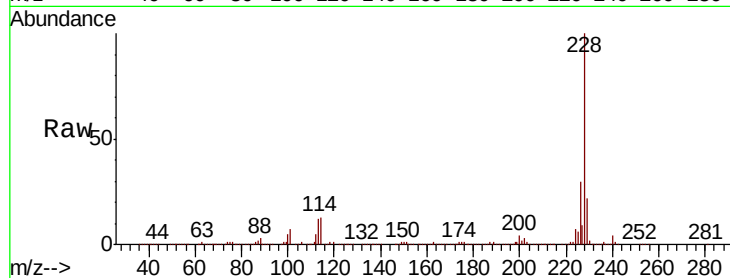
#81
Benzo(a)anthracene
Concen: 73.697 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	21.8	16.6	24.8

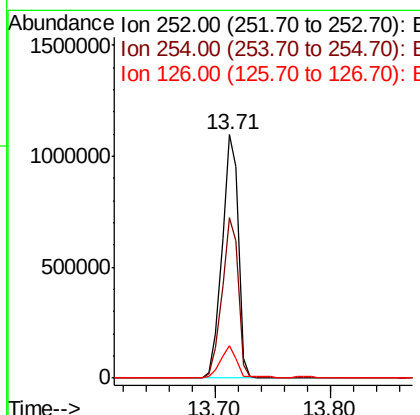
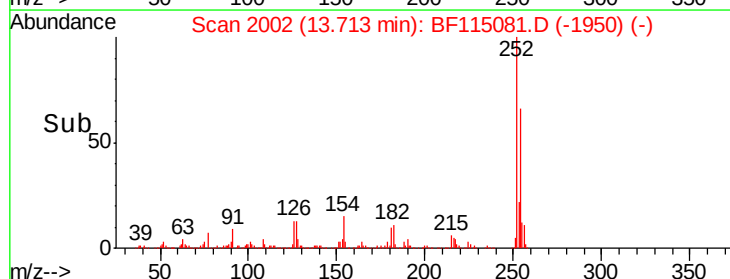
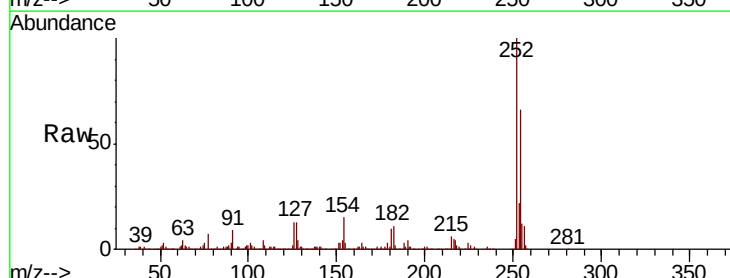
Manual Integrations
APPROVED

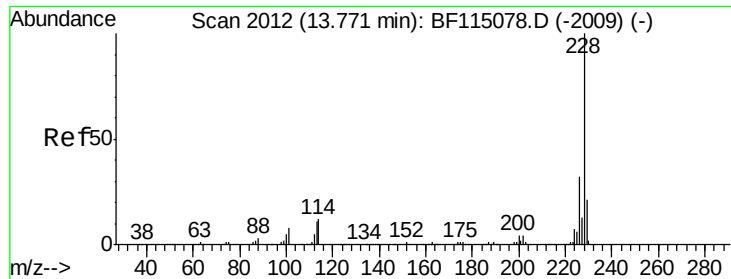
mohammad
6/25/2019 12:41:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 68.899 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	13.2	9.4	14.0





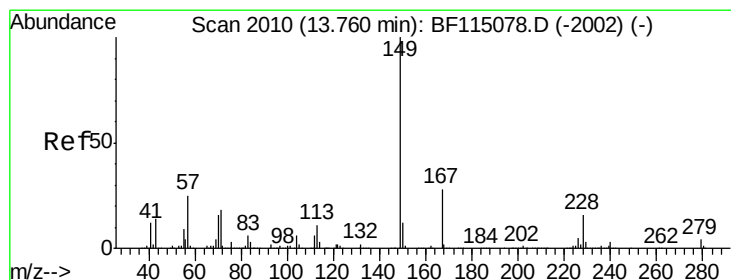
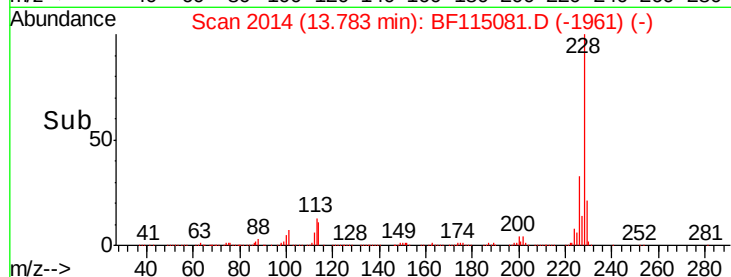
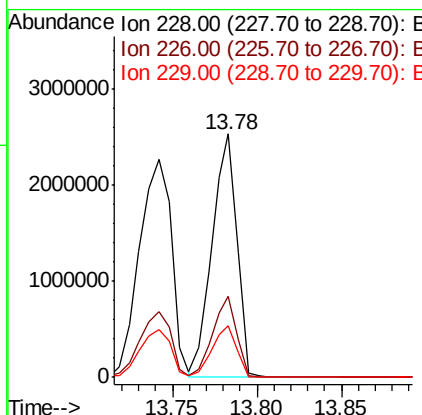
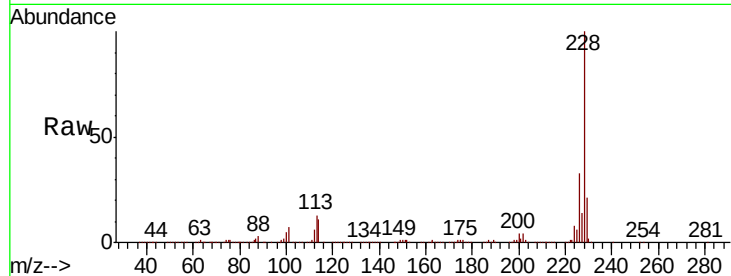
#83
Chrysene
Concen: 65.059 ng
RT: 13.78 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.0
229	21.4	16.5	24.7

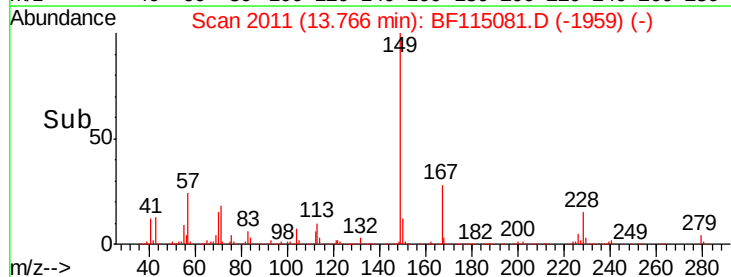
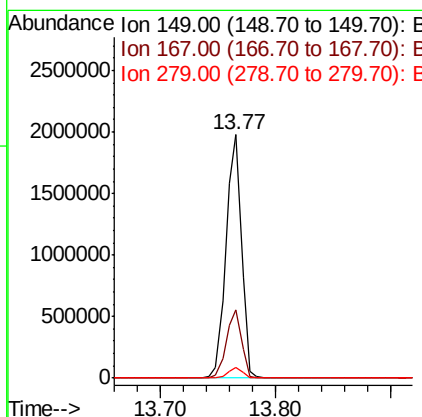
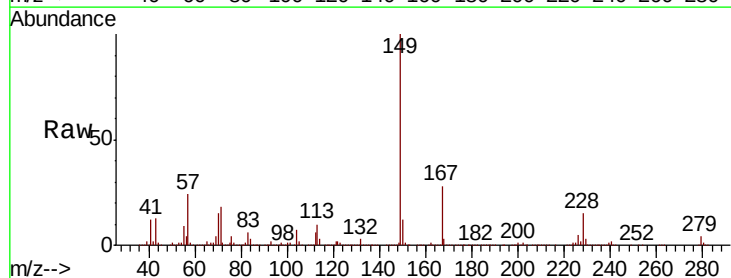
Manual Integrations
APPROVED

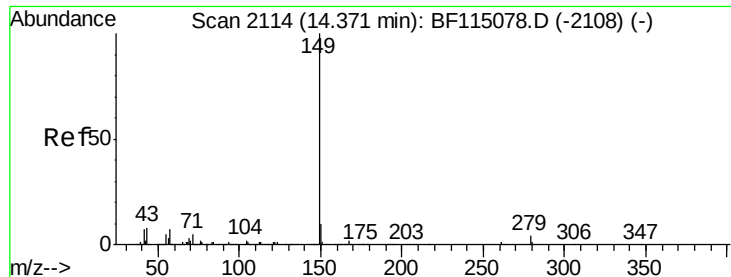
mohammad
6/25/2019 12:41:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 67.766 ng
RT: 13.77 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

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





#85

Di-n-octyl phthalate

Concen: 66.425 ng

RT: 14.37 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 3100991

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

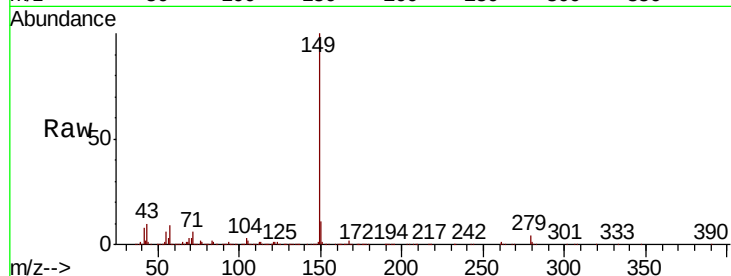
43 9.2 7.0 10.6

Manual Integrations

APPROVED

mohammad

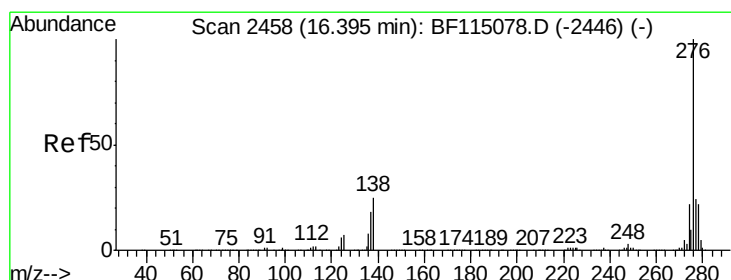
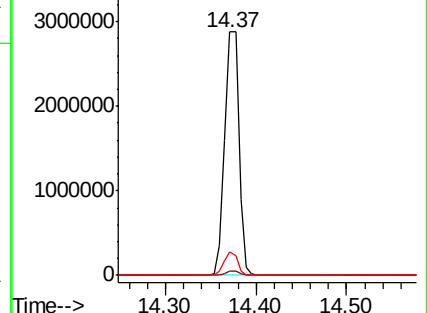
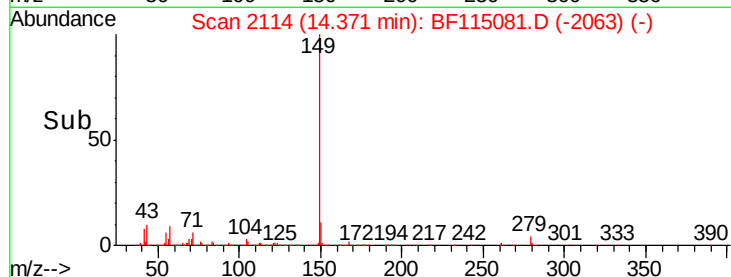
6/25/2019 12:41:06 PM



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: 96.469 ng

RT: 16.41 min Scan# 2461

Delta R.T. 0.02 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

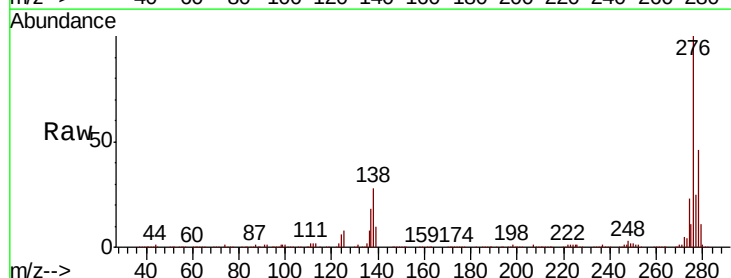
Tgt Ion:276 Resp: 3399278

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

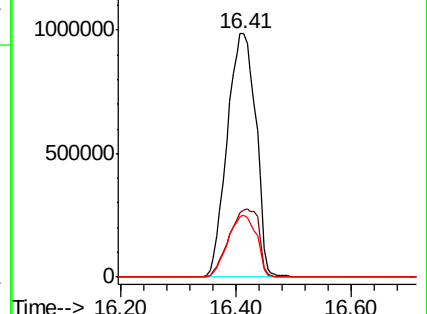
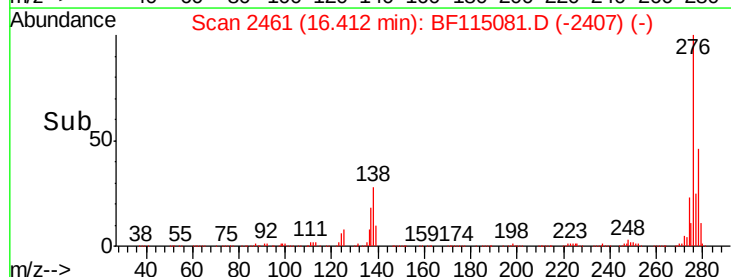
277 25.5 20.1 30.1

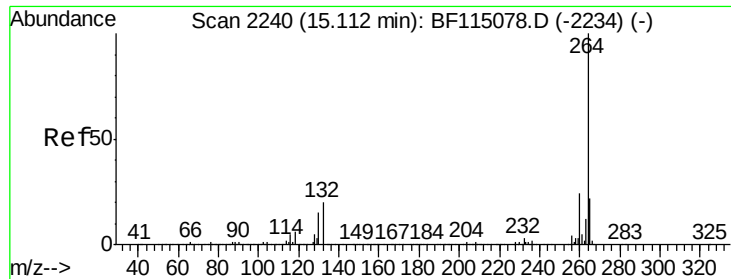


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





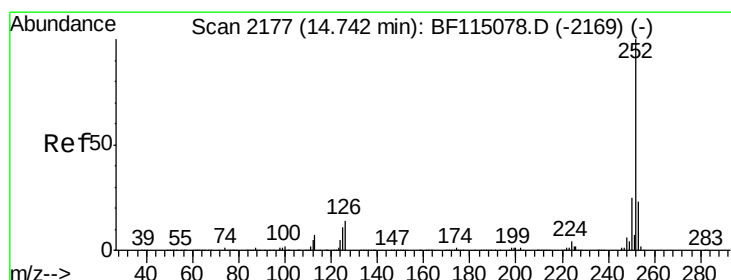
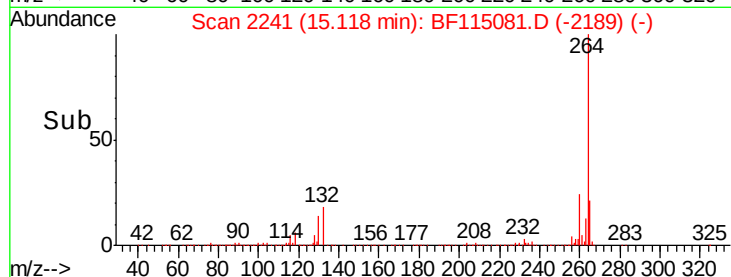
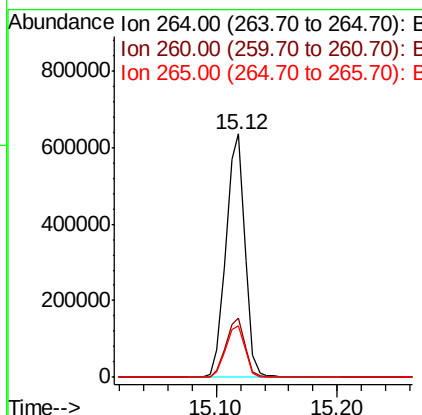
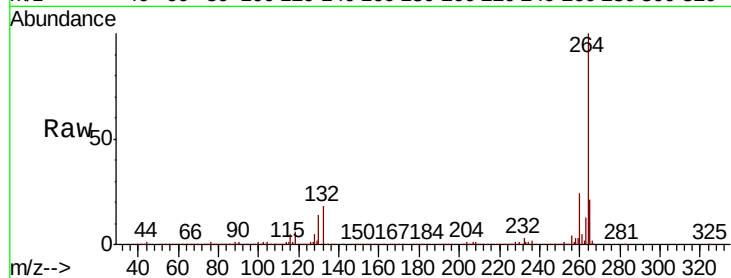
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.3	25.9

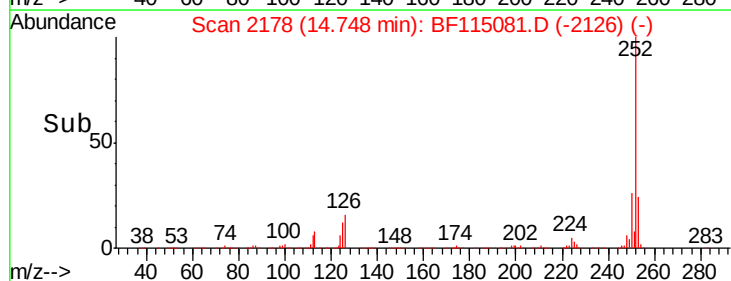
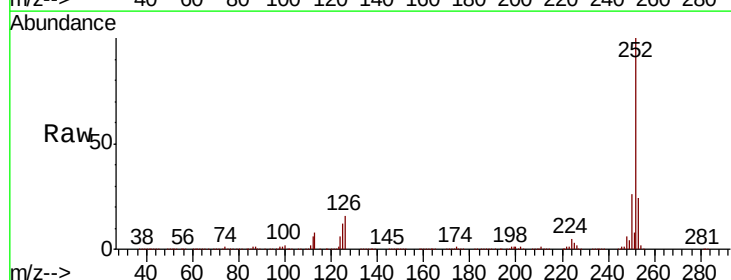
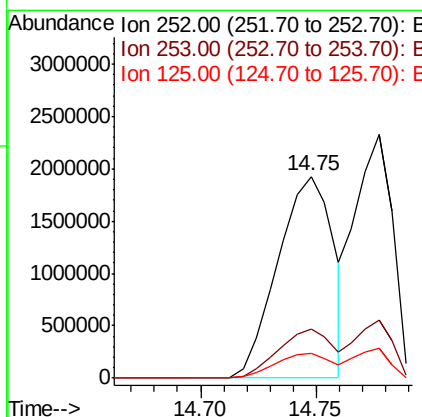
Manual Integrations
APPROVED

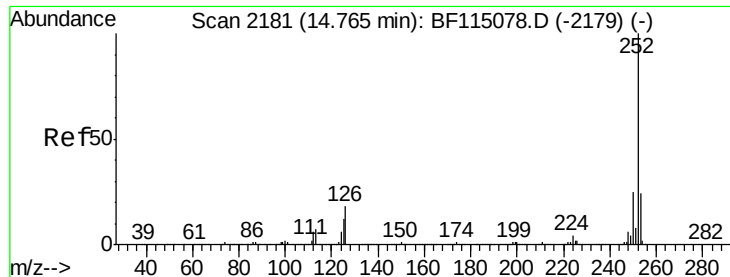
mohammad
6/25/2019 12:41:06 PM



#88
Benzo(b)fluoranthene
Concen: 69.922 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	12.1	8.7	13.1





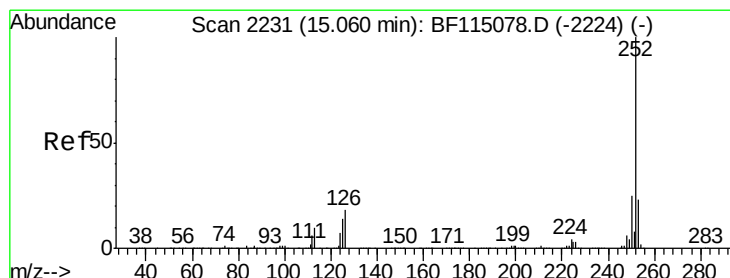
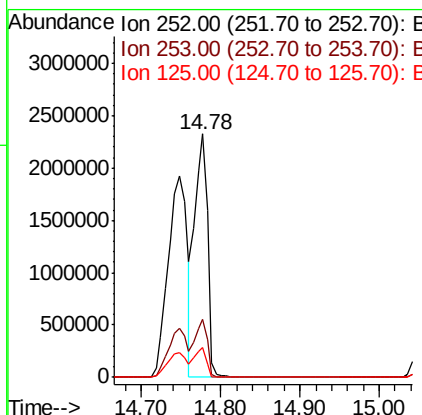
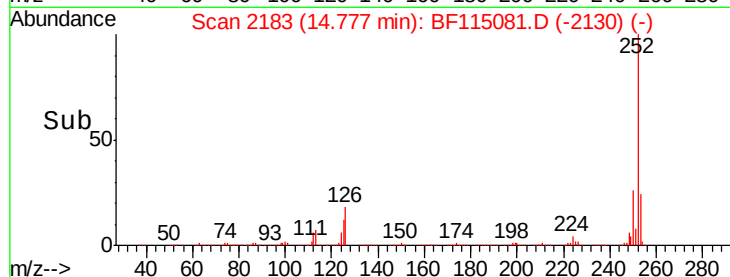
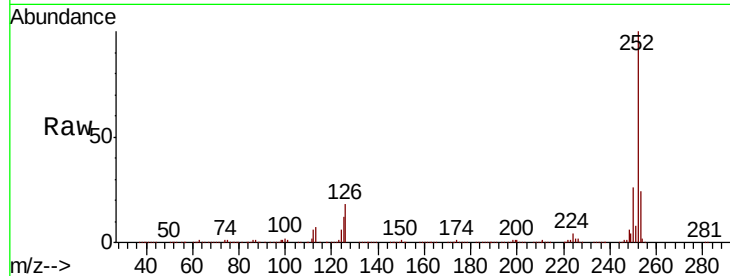
#89
Benzo(k)fluoranthene
Concen: 66.045 ng
RT: 14.78 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	12.3	10.2	15.2

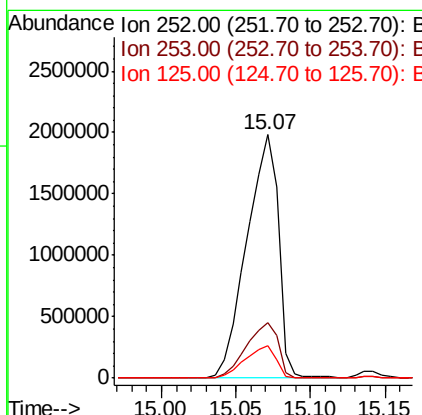
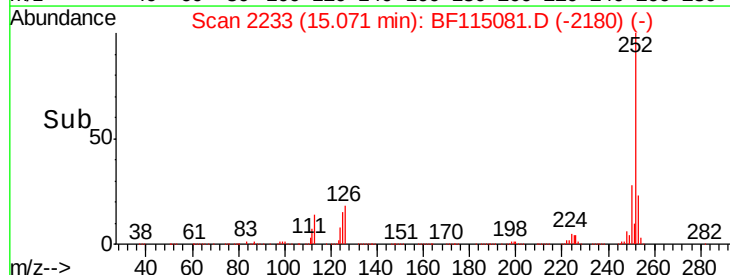
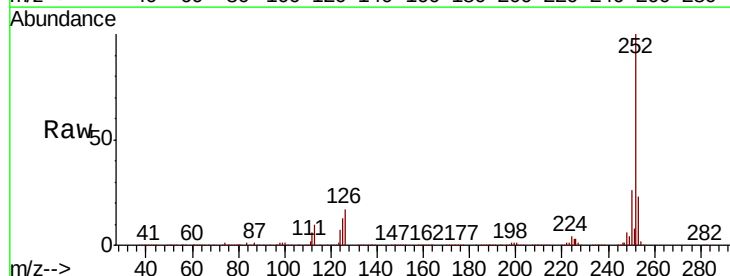
Manual Integrations
APPROVED

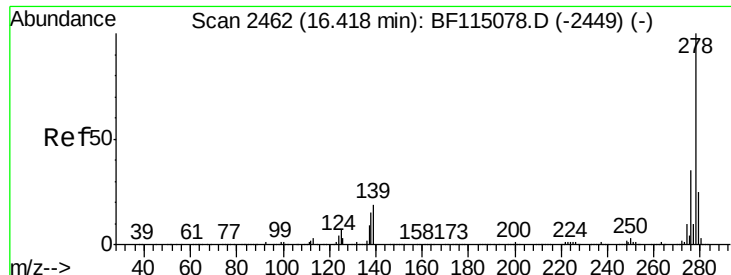
mohammad
6/25/2019 12:41:06 PM



#90
Benzo(a)pyrene
Concen: 73.218 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.3	10.9	16.3





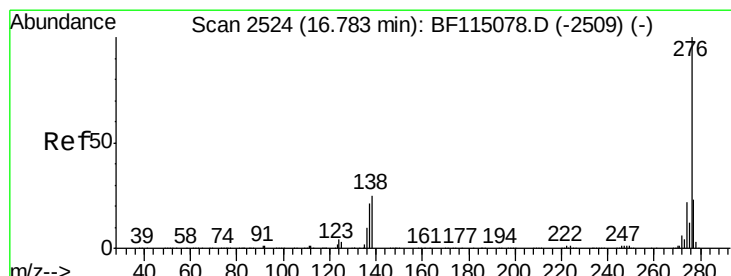
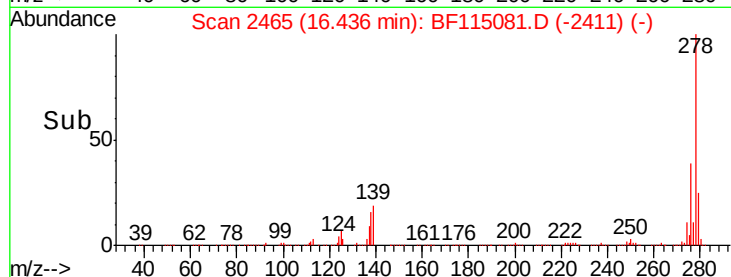
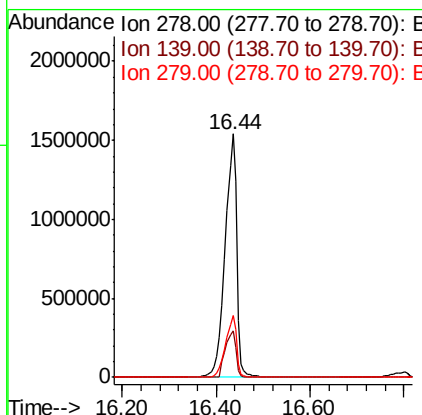
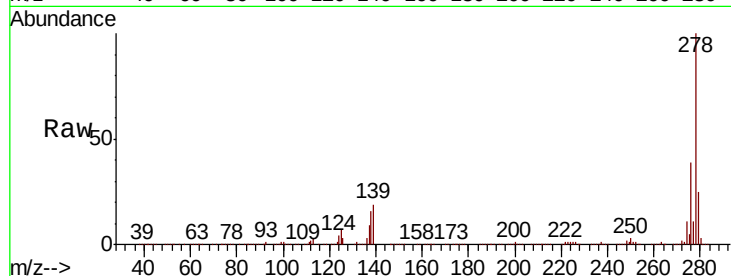
#91
Dibenzo(a,h)anthracene
Concen: 77.731 ng
RT: 16.44 min Scan# 2465
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.2
279	25.3	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:06 PM



#92
Benzo(g,h,i)perylene
Concen: 78.856 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	26.4	19.8	29.6

