

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114617.D
 Acq On : 25 May 2019 21:08
 Operator : JU/SJ
 Sample : PB119929BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:19 AM

Quant Time: May 27 01:05:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141046	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	530843	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	248578	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	478330	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	350782	20.00	ng	-0.02
87) Perylene-d12	15.43	264	335688	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1136883	129.71	ng	0.00
7) Phenol-d6	6.45	99	1426959	137.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	861498	91.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330579	128.64	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1516782	92.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1527996	89.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	212898	44.192	ng	99
3) Pyridine	3.36	79	403020	30.363	ng	99
4) n-Nitrosodimethylamine	3.31	42	222250	34.722	ng	100
6) Aniline	6.47	93	411655	27.491	ng	# 58
8) 2-Chlorophenol	6.59	128	414350	44.284	ng	95
9) Benzaldehyde	6.35	77	199925	27.549	ng	96
10) Phenol	6.46	94	503680	41.304	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	393873	42.544	ng	99
12) 1,3-Dichlorobenzene	6.74	146	428549	40.803	ng	98
13) 1,4-Dichlorobenzene	6.82	146	445077	42.053	ng	97
14) 1,2-Dichlorobenzene	6.97	146	403713	41.752	ng	99
15) Benzyl Alcohol	6.95	79	322105	39.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691311	38.512	ng	57
17) 2-Methylphenol	7.07	107	321467	41.824	ng	# 90
18) Hexachloroethane	7.30	117	159771	40.217	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	276180	42.033	ng	97
20) 3+4-Methylphenols	7.22	107	425841	47.953	ng	# 67
22) Acetophenone	7.21	105	548822	46.669	ng	# 89
24) Nitrobenzene	7.39	77	426279	44.247	ng	98
25) Isophorone	7.62	82	760881	43.373	ng	99
26) 2-Nitrophenol	7.70	139	218600	46.768	ng	99
27) 2,4-Dimethylphenol	7.75	122	353258	48.121	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	483031	42.436	ng	98
29) 2,4-Dichlorophenol	7.95	162	333278	45.592	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	359171	43.209	ng	97
31) Naphthalene	8.10	128	1147555	46.279	ng	98
32) Benzoic acid	7.90	122	184372m	37.092	ng	
33) 4-Chloroaniline	8.16	127	299270	26.485	ng	98
34) Hexachlorobutadiene	8.22	225	197669	41.794	ng	98
35) Caprolactam	8.53	113	108364m	45.462	ng	
36) 4-Chloro-3-methylphenol	8.66	107	348087	47.306	ng	100
37) 2-Methylnaphthalene	8.80	142	763696	47.735	ng	98
38) 1-Methylnaphthalene	8.90	142	727102	48.261	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	349049	46.355	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114617.D
 Acq On : 25 May 2019 21:08
 Operator : JU/SJ
 Sample : PB119929BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

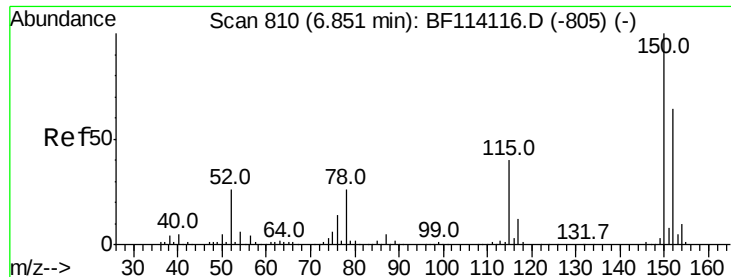
Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:19 AM

Quant Time: May 27 01:05:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	147375	44.064	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	212148	40.961	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	222293	41.850	nq	95
46) 1,1'-Biphenyl	9.26	154	929383	46.280	nq	99
47) 2-Chloronaphthalene	9.29	162	700666	43.354	nq	98
48) 2-Nitroaniline	9.39	65	234559	40.923	nq	91
49) Acenaphthylene	9.70	152	1114882	45.356	nq	97
50) Dimethylphthalate	9.56	163	772128	42.313	nq	99
51) 2,6-Dinitrotoluene	9.63	165	175870	43.453	nq	97
52) Acenaphthene	9.87	154	655500	43.457	nq	100
53) 3-Nitroaniline	9.80	138	134993	26.869	nq	98
54) 2,4-Dinitrophenol	9.93	184	136848	68.317	nq	91
55) Dibenzofuran	10.05	168	942744	42.623	nq	99
56) 4-Nitrophenol	9.99	139	170096	47.873	nq	97
57) 2,4-Dinitrotoluene	10.04	165	216521	39.414	nq	# 73
58) Fluorene	10.39	166	778961	45.595	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189221	41.287	nq	98
60) Diethylphthalate	10.26	149	774597	41.777	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	364150	43.398	nq	97
62) 4-Nitroaniline	10.42	138	189649	35.922	nq	96
63) Azobenzene	10.54	77	747998	41.679	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	97874	42.583	nq	80
66) n-Nitrosodiphenylamine	10.50	169	679779	46.825	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	227653	43.226	nq	97
68) Hexachlorobenzene	10.95	284	243951	41.871	nq	93
69) Atrazine	11.02	200	195719	43.322	nq	97
70) Pentachlorophenol	11.15	266	146728	53.126	nq	98
71) Phenanthrene	11.35	178	1086225	46.676	nq	97
72) Anthracene	11.40	178	1116197	47.754	nq	98
73) Carbazole	11.56	167	1050281	47.120	nq	98
74) Di-n-butylphthalate	11.88	149	1173154	45.685	nq	99
75) Fluoranthene	12.54	202	1167111	46.572	nq	99
77) Benzidine	12.66	184	579847	36.825	nq	97
78) Pyrene	12.77	202	1182244	41.896	nq	99
80) Butylbenzylphthalate	13.37	149	511915	43.100	nq	100
81) Benzo(a)anthracene	13.96	228	985866	43.452	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	286378	32.538	nq	100
83) Chrysene	14.00	228	984835	44.280	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	689030	44.356	nq	99
85) Di-n-octyl phthalate	14.54	149	1151725	45.736	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	910460	46.319	nq	100
88) Benzo(b)fluoranthene	15.00	252	915970	42.591	nq	99
89) Benzo(k)fluoranthene	15.03	252	964534	48.824	nq	97
90) Benzo(a)pyrene	15.37	252	895423	47.309	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	758489	48.227	nq	99
92) Benzo(g,h,i)perylene	17.33	276	787623	49.972	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

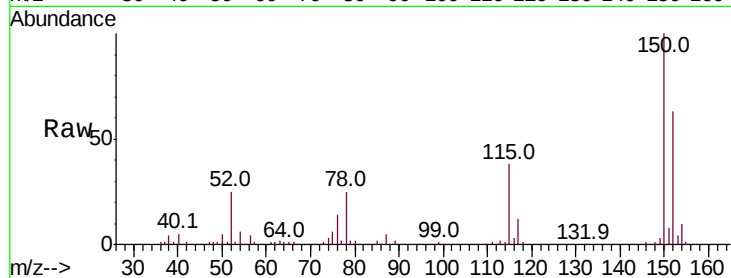
ClientSampleId :

PB119929BS

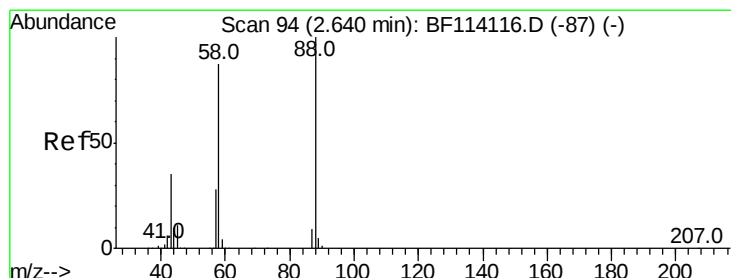
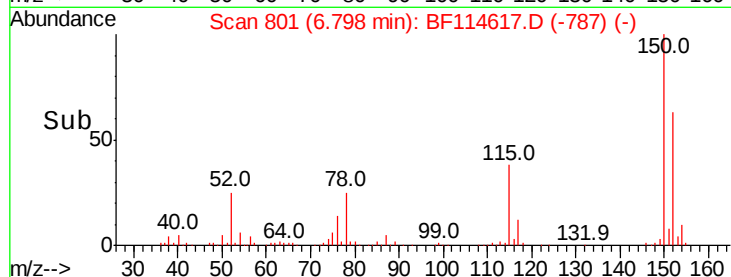
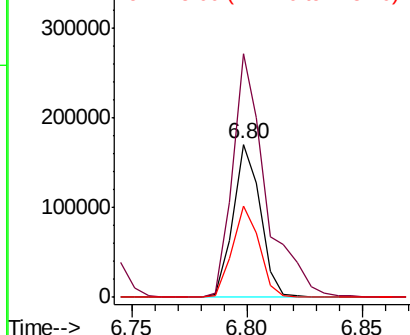
Tot Ion:	152	Resp:	141046
Ion Ratio	Lower	Upper	
152	100		
150	158.8	124.3	186.5
115	59.9	49.1	73.7

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.192 ng

RT: 2.62 min Scan# 90

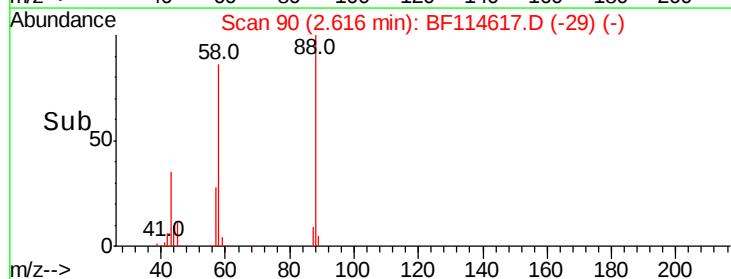
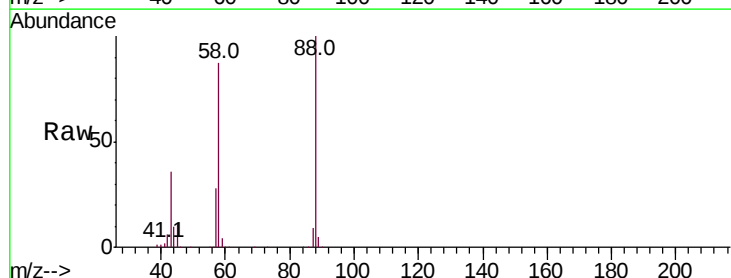
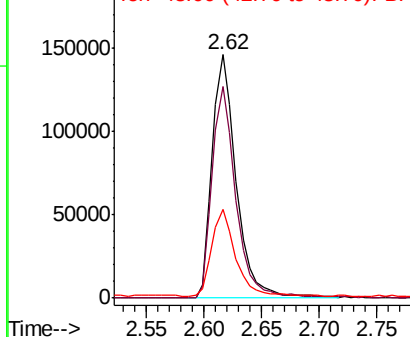
Delta R.T. 0.06 min

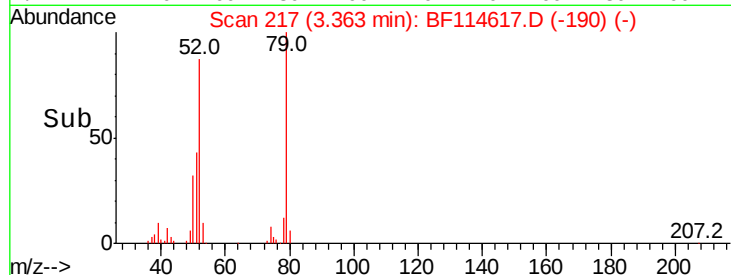
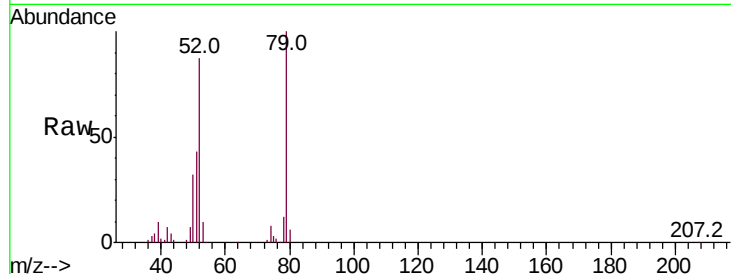
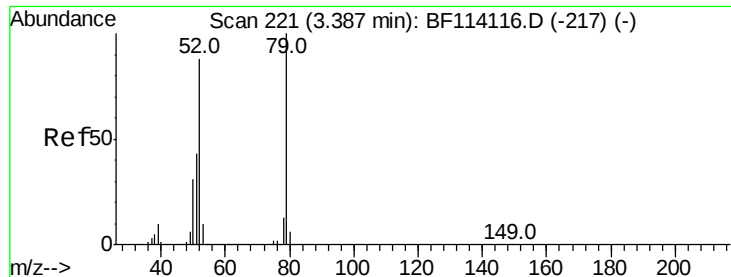
Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	88	Resp:	212898
Ion Ratio	Lower	Upper	
88	100		
58	85.2	68.7	103.1
43	35.1	28.2	42.2

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





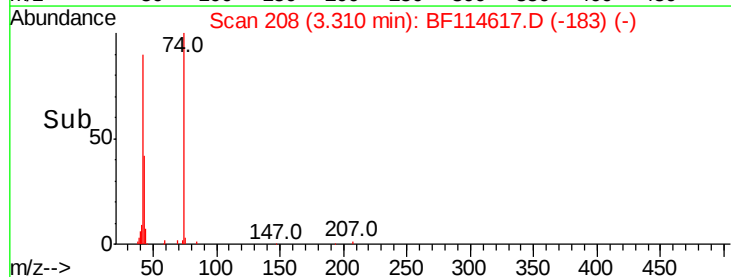
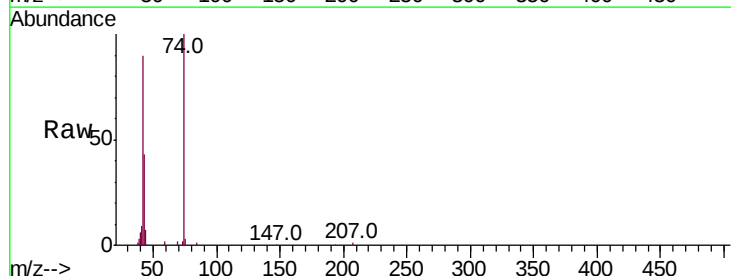
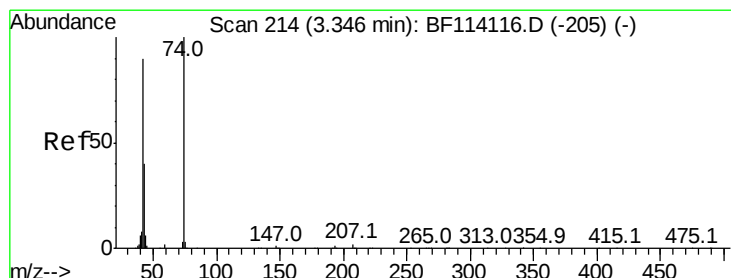
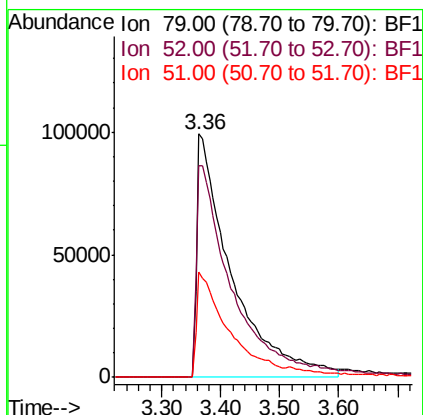
#3
Pvridine
Concen: 30.363 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.06 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.9	70.6	105.8
51	43.2	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119929BS

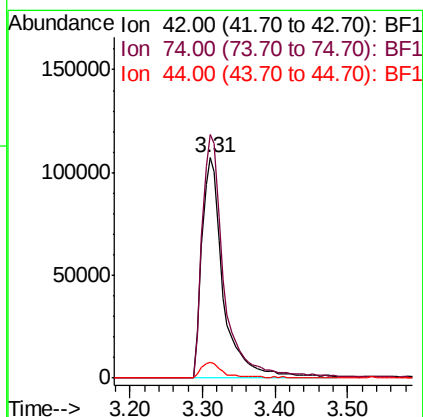
Manual Integrations
APPROVED

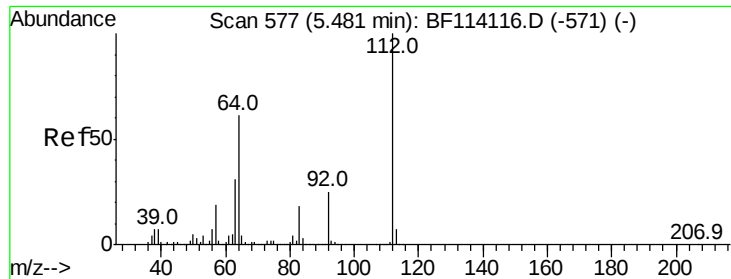
mohammad
5/27/2019 3:50:19 AM



#4
n-Nitrosodimethylamine
Concen: 34.722 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.05 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.5	88.6	132.8
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 129.712 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampled :

PB119929BS

Tot Ion: 112 Resp: 1136883

Ion Ratio Lower Upper

112 100

64 66.2 49.0 73.6

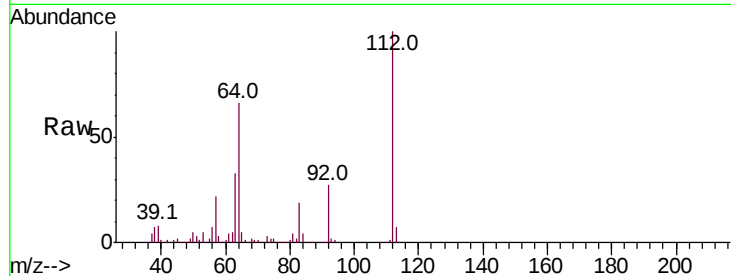
63 33.3 24.6 37.0

Manual Integrations

APPROVED

mohammad

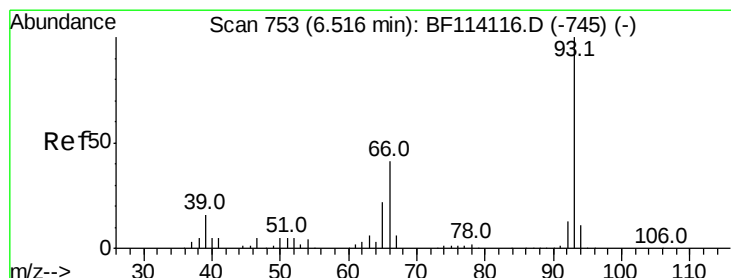
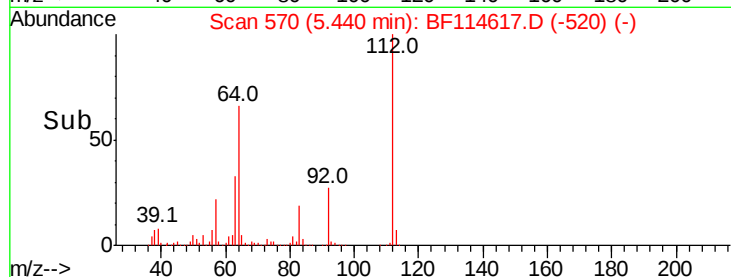
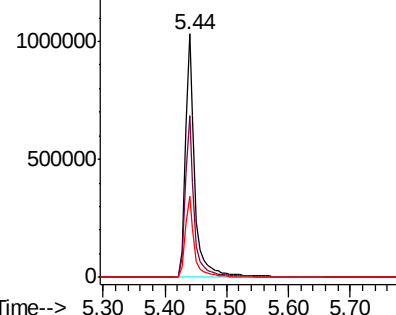
5/27/2019 3:50:19 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.491 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

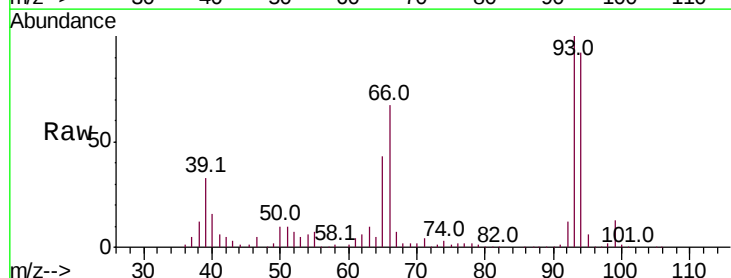
Tgt Ion: 93 Resp: 411655

Ion Ratio Lower Upper

93 100

66 67.0 33.2 49.8#

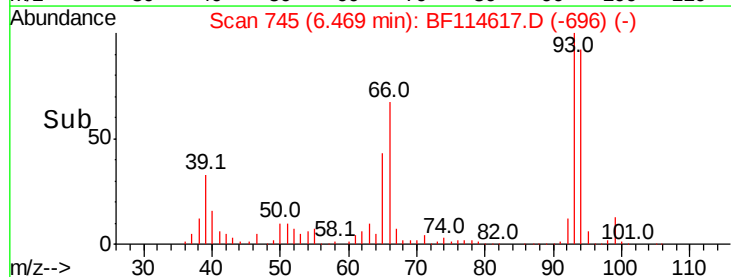
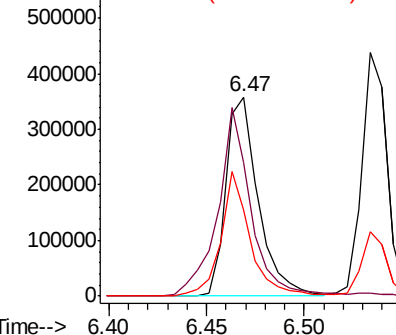
65 43.3 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.655 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion: 99 Resp: 1426959

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

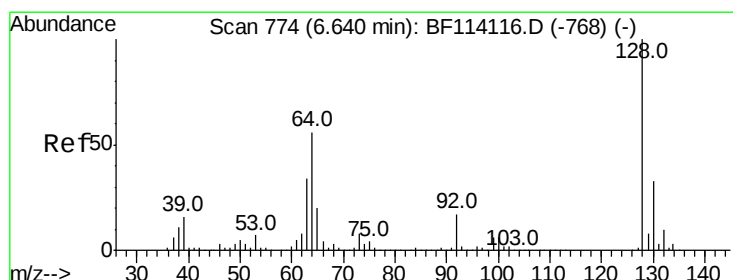
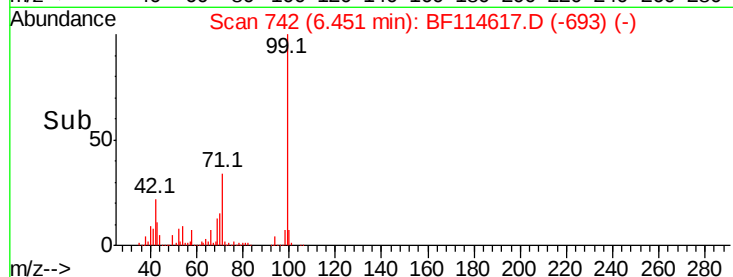
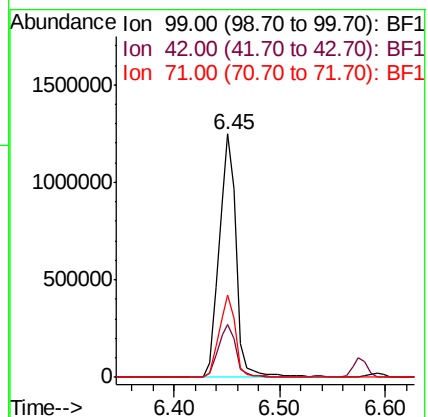
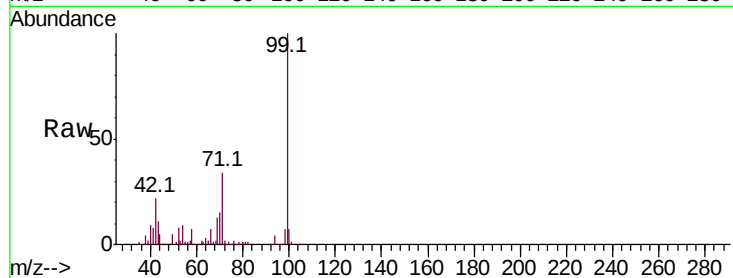
71 34.0 26.2 39.2

Manual Integrations

APPROVED

mohammad

5/27/2019 3:50:19 AM



#8

2-Chlorophenol

Concen: 44.284 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

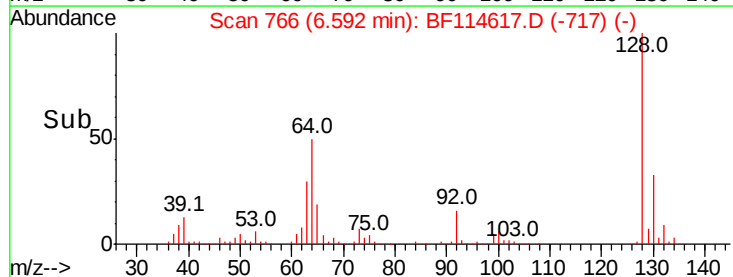
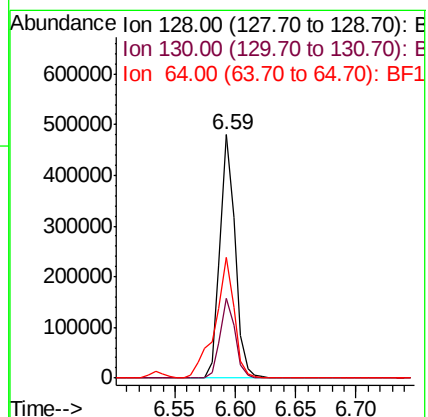
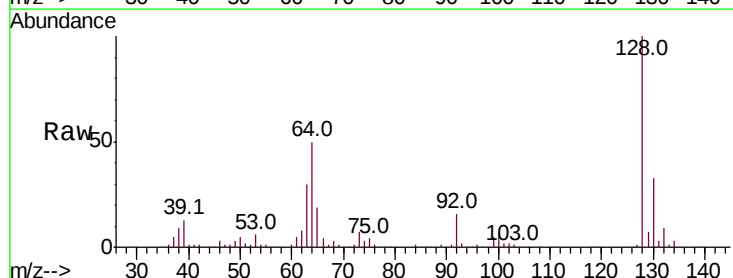
Tgt Ion: 128 Resp: 414350

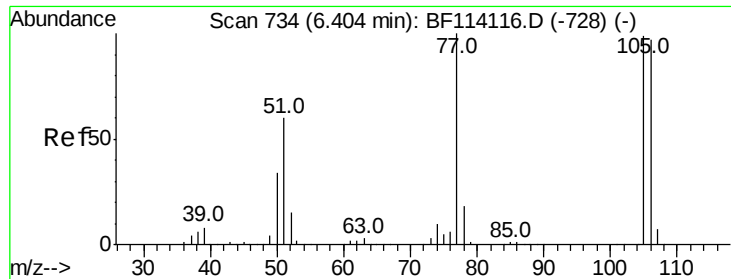
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 49.7 35.9 75.9





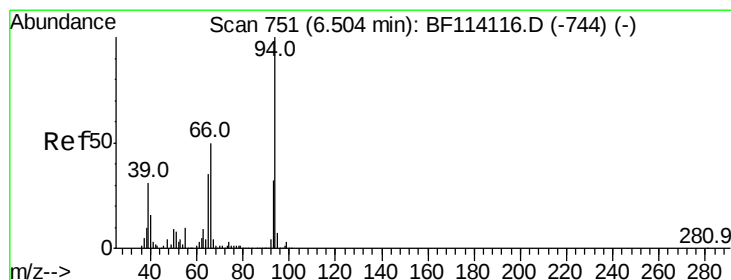
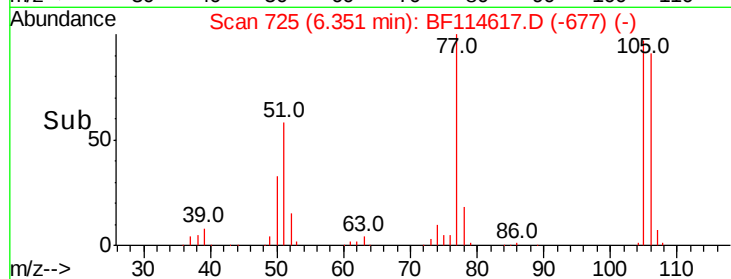
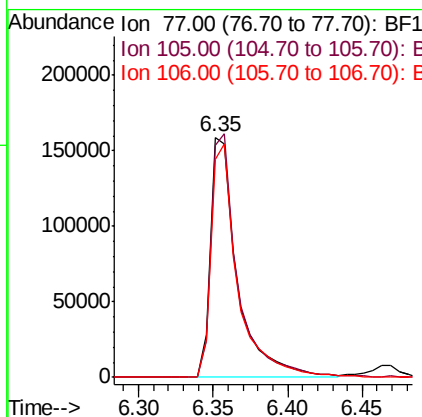
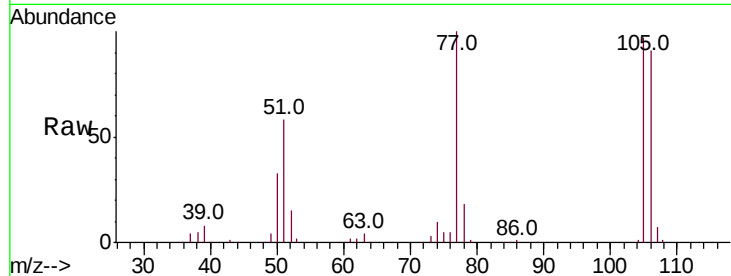
#9
Benzaldehyde
Concen: 27.549 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.6	79.3	119.3
106	91.1	77.0	117.0

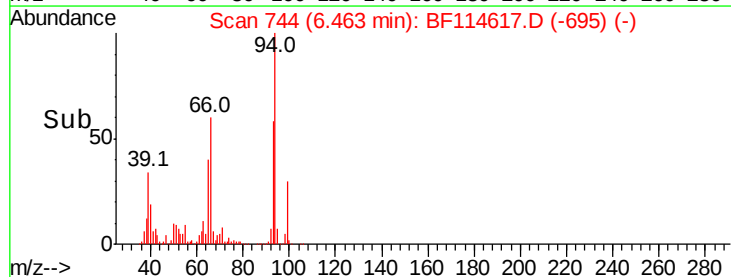
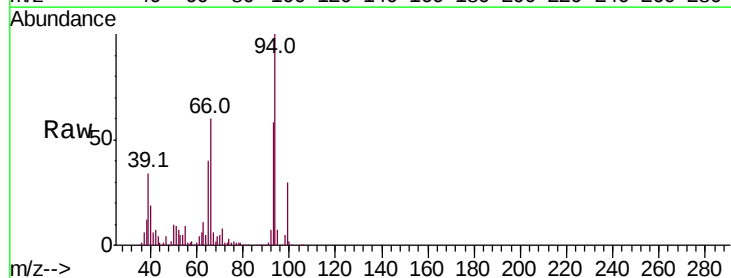
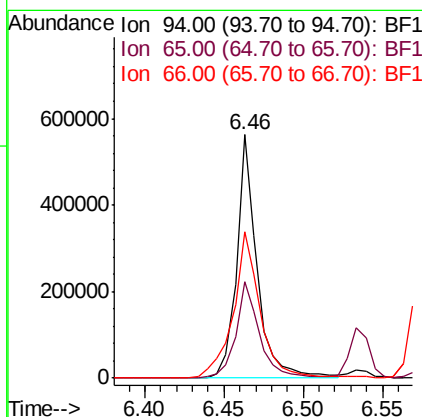
Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#10
Phenol
Concen: 41.304 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	14.7	54.7
66	60.3	29.6	69.6





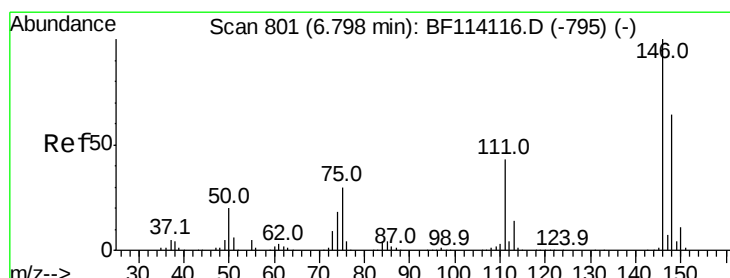
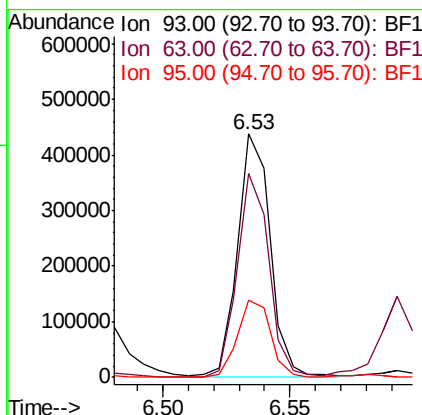
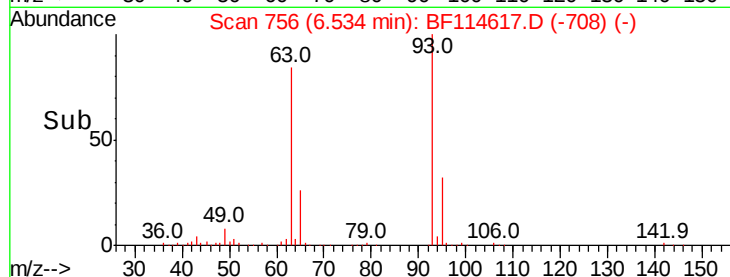
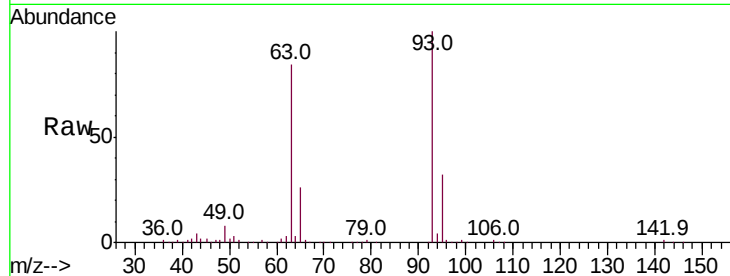
#11
bis(2-Chloroethyl)ether
Concen: 42.544 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.5	63.6	103.6	
95	31.9	13.1	53.1	

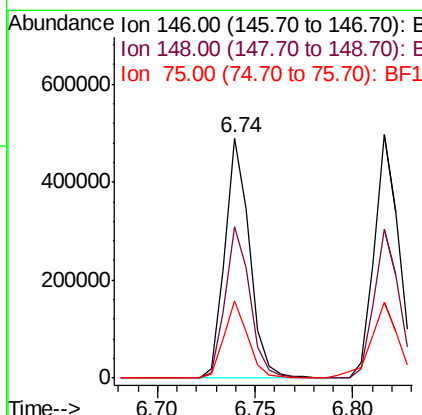
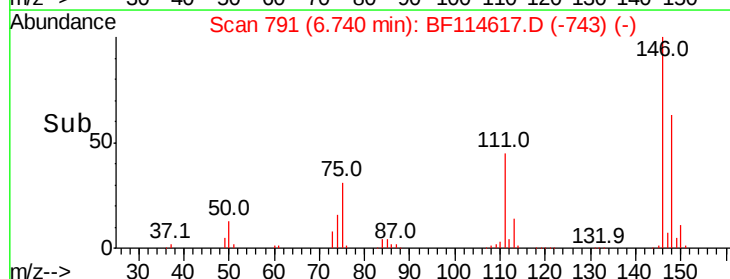
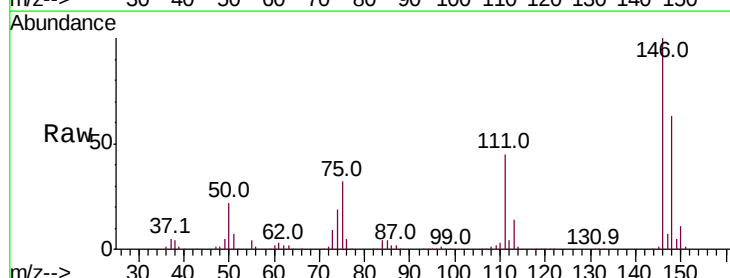
Manual Integrations
APPROVED

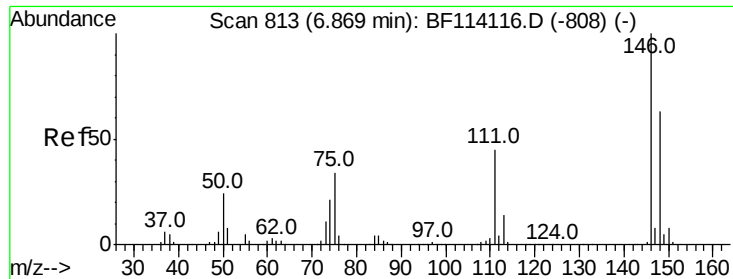
mohammad
5/27/2019 3:50:19 AM



#12
1,3-Dichlorobenzene
Concen: 40.803 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.3	51.6	77.4	
75	32.1	24.2	36.2	





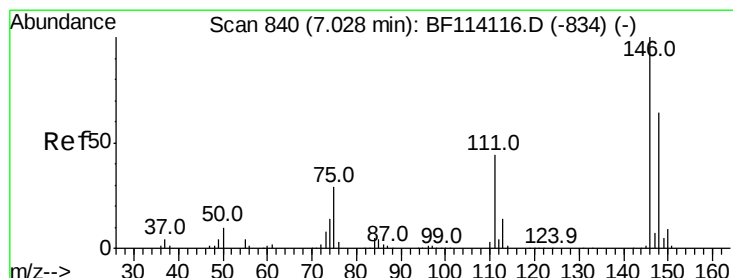
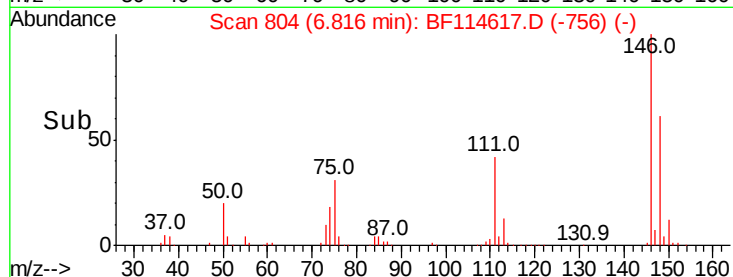
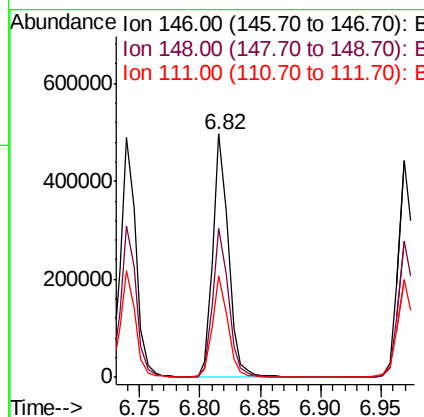
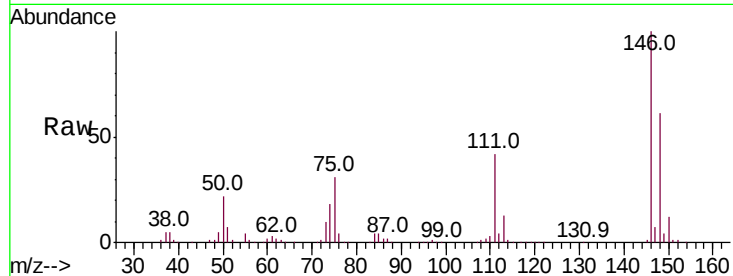
#13
 1,4-Dichlorobenzene
 Concen: 42.053 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.2	75.2
111	41.9	35.8	53.6

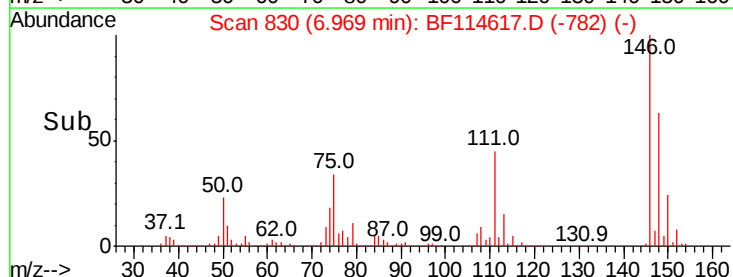
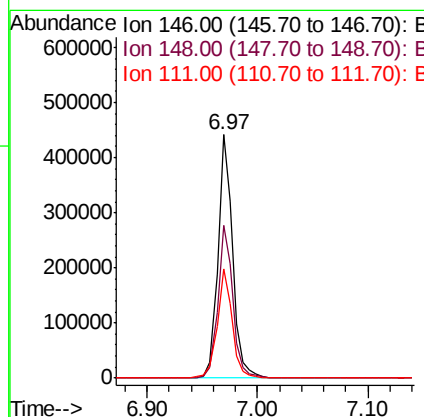
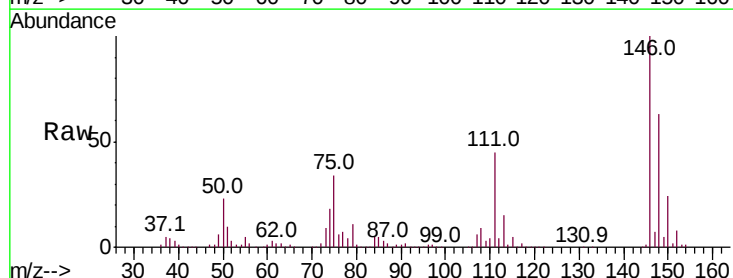
Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:19 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.752 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
111	45.0	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.840 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

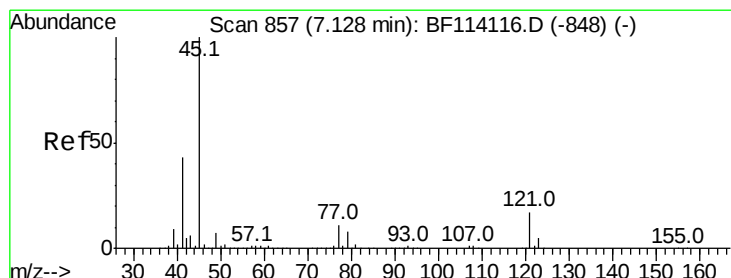
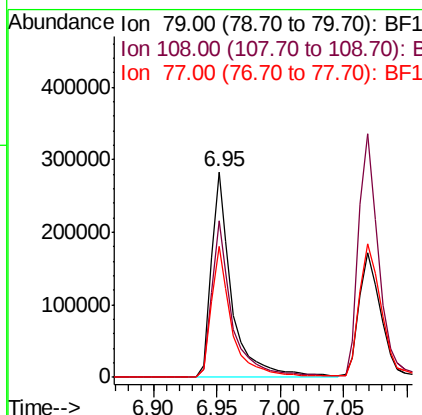
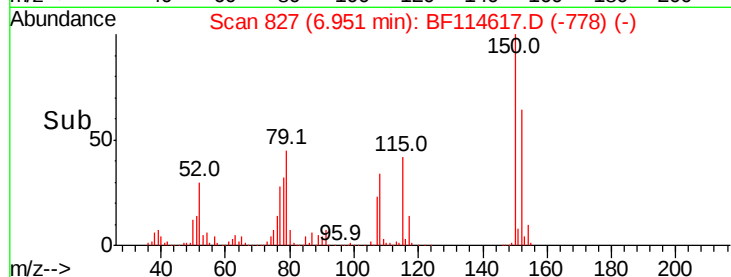
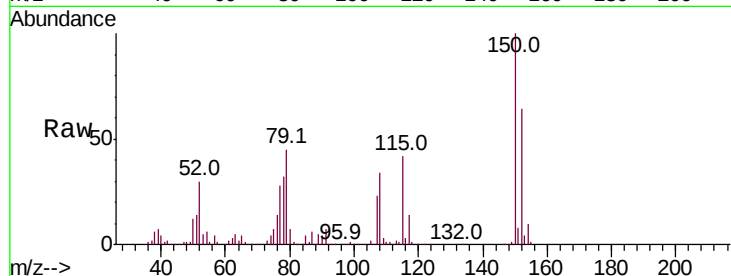
ClientSampleId :

PB119929BS

Tot Ion:	79	Resp:	322105
Ion Ratio	Lower	Upper	
79	100		
108	76.0	62.1	93.1
77	63.5	51.0	76.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.512 ng

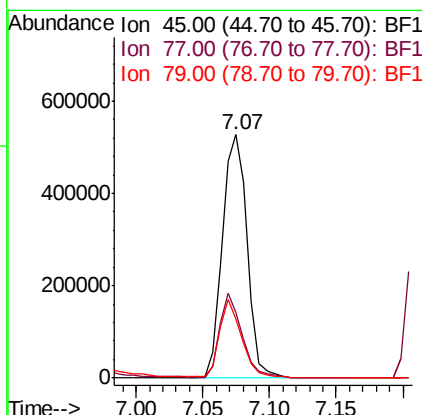
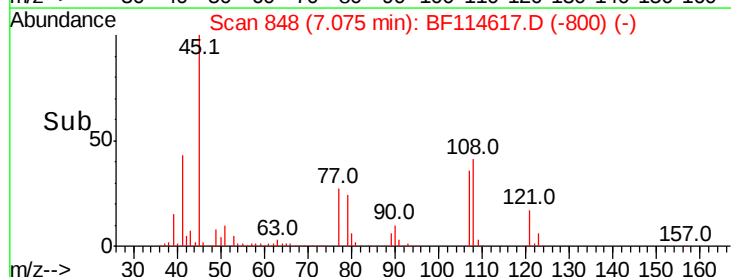
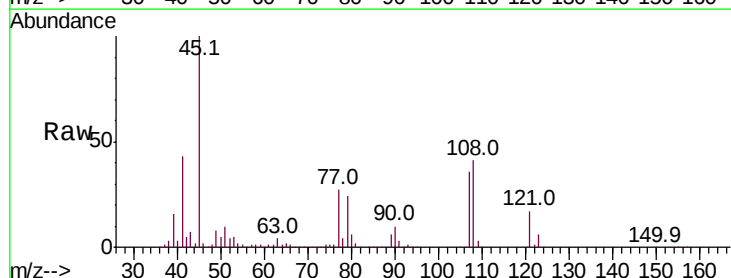
RT: 7.07 min Scan# 848

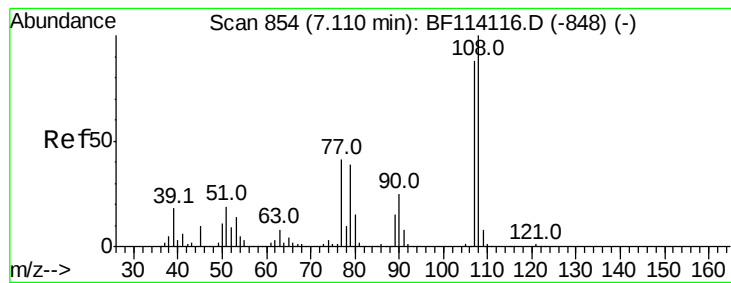
Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	45	Resp:	691311
Ion Ratio	Lower	Upper	
45	100		
77	27.1	0.0	31.1
79	24.3	0.0	28.4





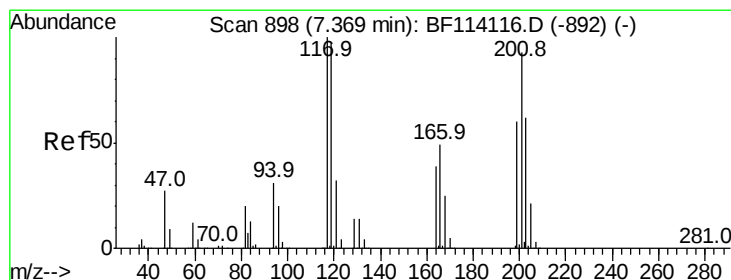
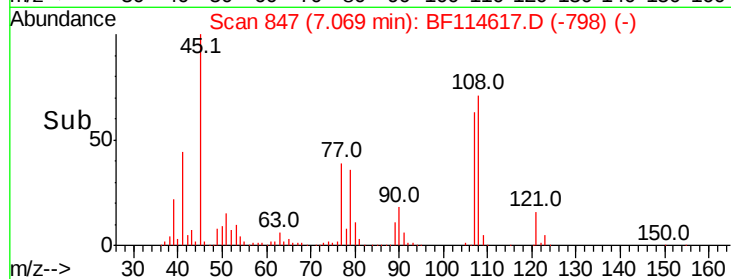
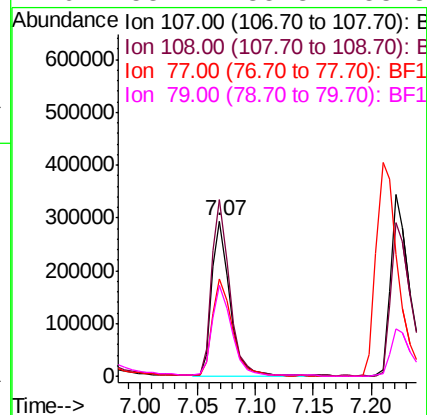
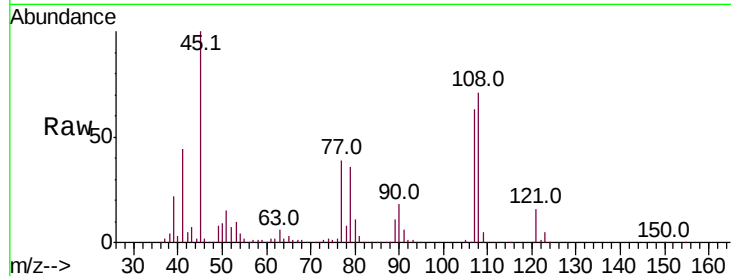
#17
2-Methylphenol
Concen: 41.824 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	90.5	135.7	
77	62.5	37.0	55.4	
79	58.1	35.8	53.8	

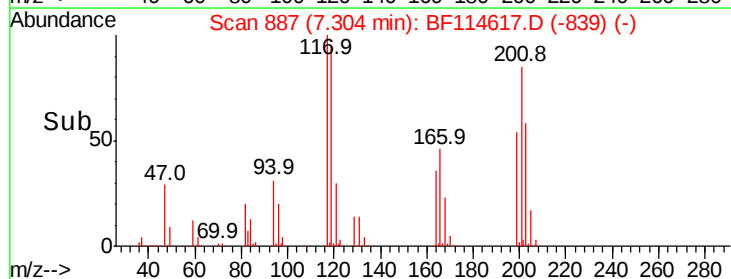
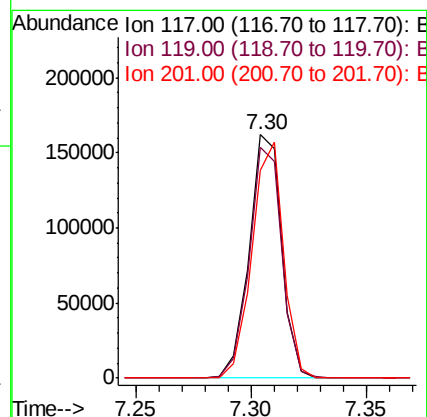
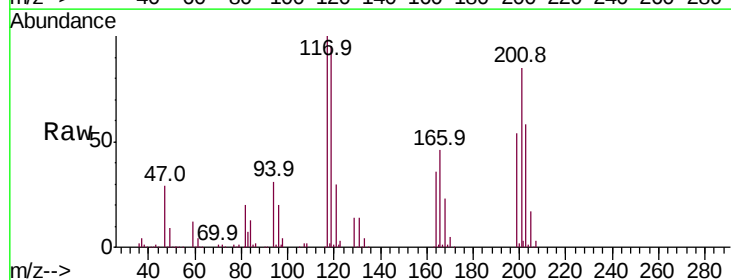
Manual Integrations
APPROVED

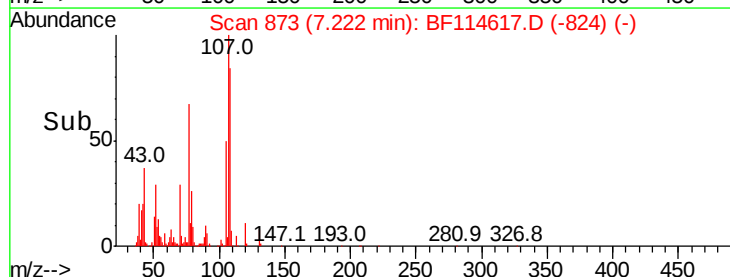
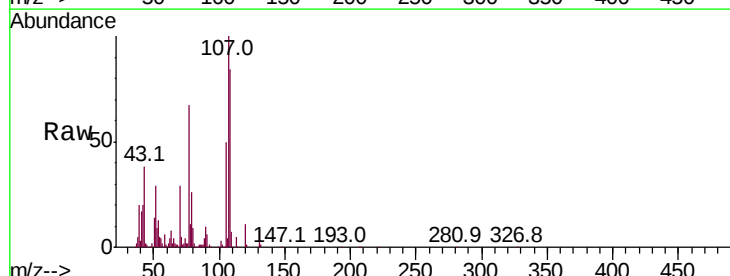
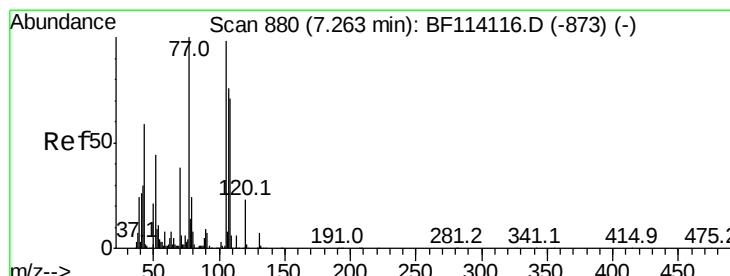
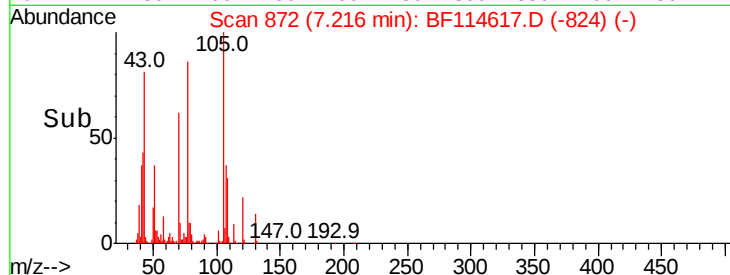
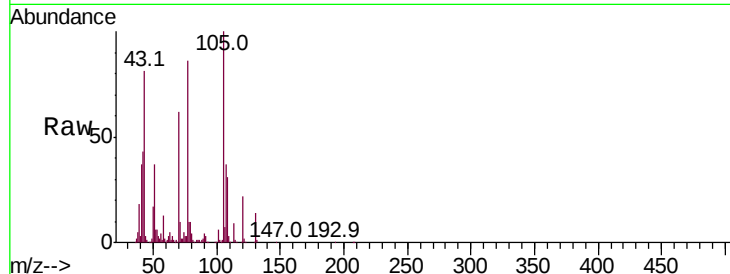
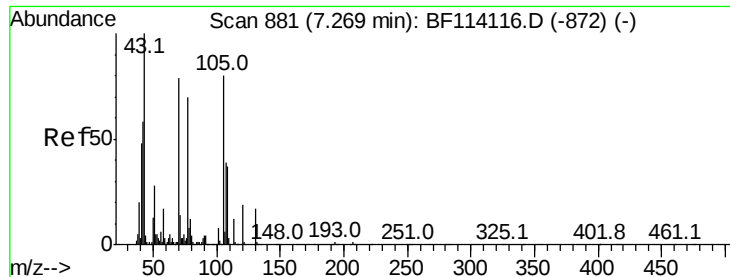
mohammad
5/27/2019 3:50:19 AM



#18
Hexachloroethane
Concen: 40.217 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	77.4	116.2	
201	85.2	74.5	111.7	





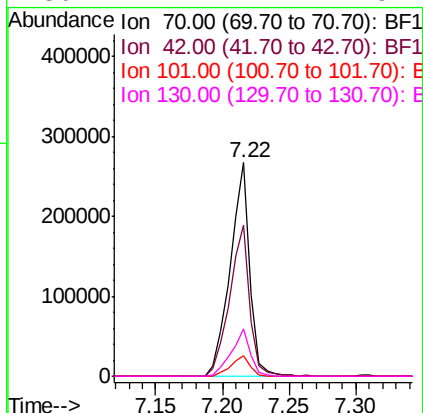
#19
n-Nitroso-di-n-propylamine
Concen: 42.033 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	58.6	87.8
101	9.3	7.8	11.8
130	22.4	17.1	25.7

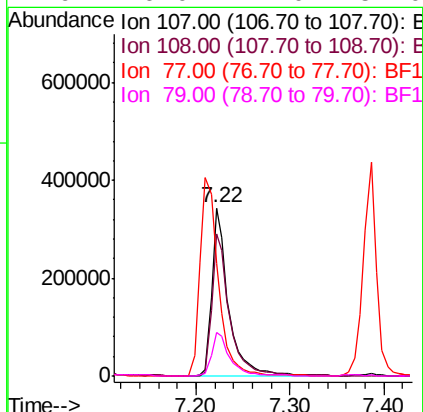
Manual Integrations
APPROVED

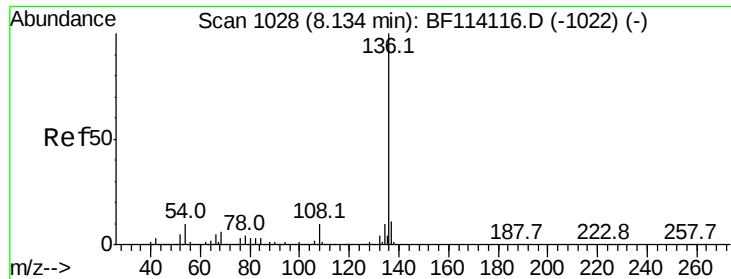
mohammad
5/27/2019 3:50:19 AM



#20
3+4-Methylphenols
Concen: 47.953 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.8	113.8
77	67.1	111.5	151.5#
79	26.0	12.0	52.0





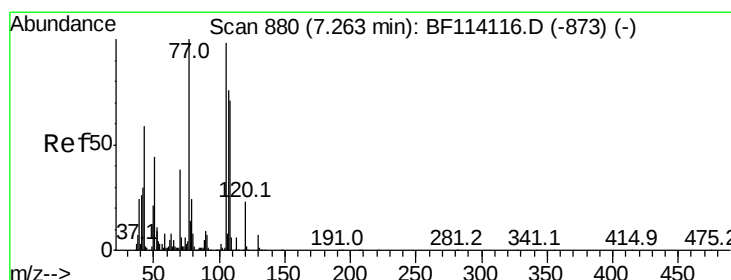
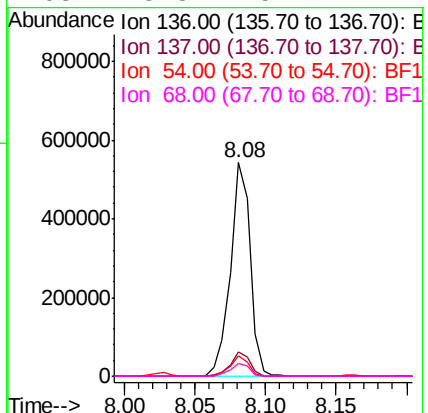
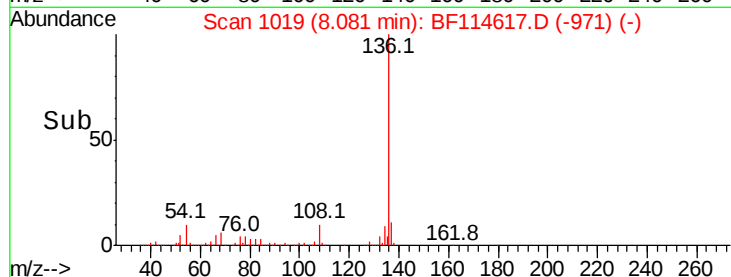
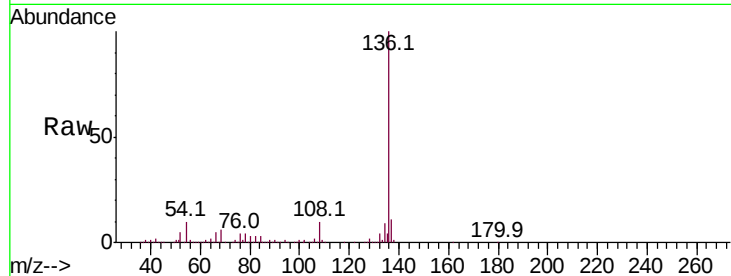
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	9.9	7.8	11.8	
68	5.8	5.1	7.7	

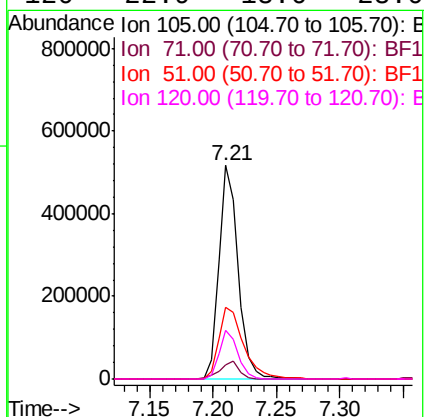
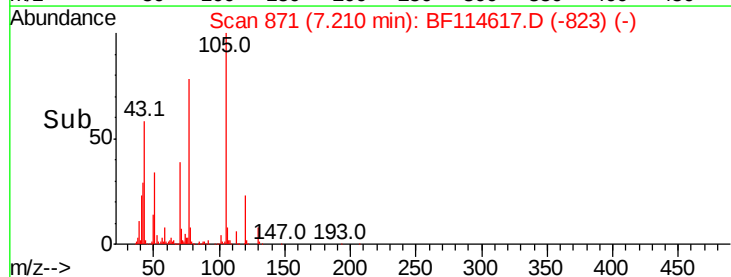
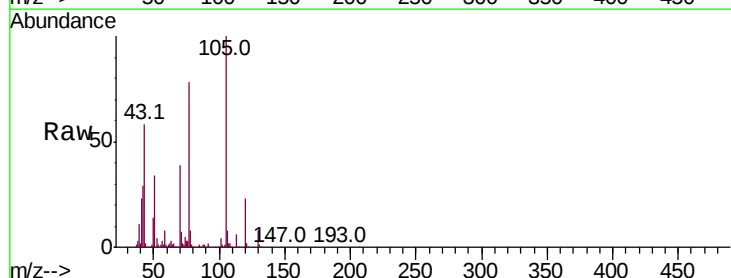
Manual Integrations
APPROVED

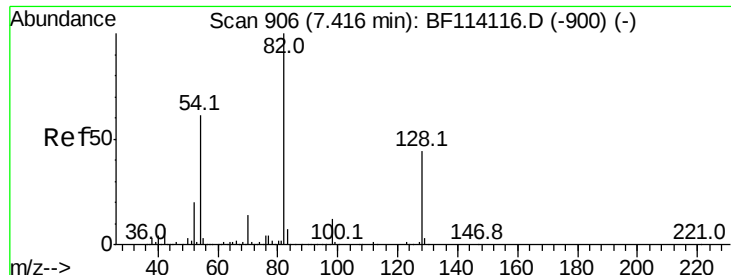
mohammad
5/27/2019 3:50:19 AM



#22
Acetophenone
Concen: 46.669 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.3	7.9	
51	33.7	36.2	54.4	
120	22.9	18.6	28.0	





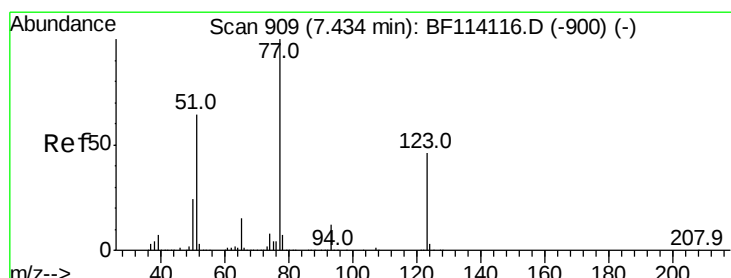
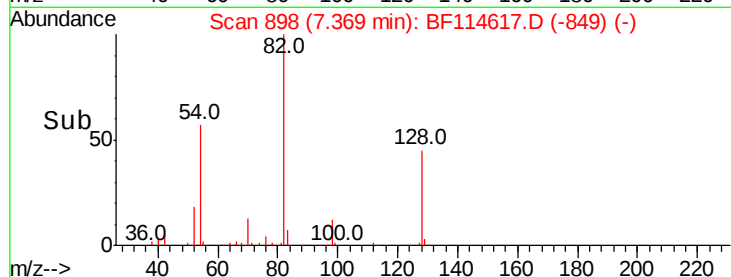
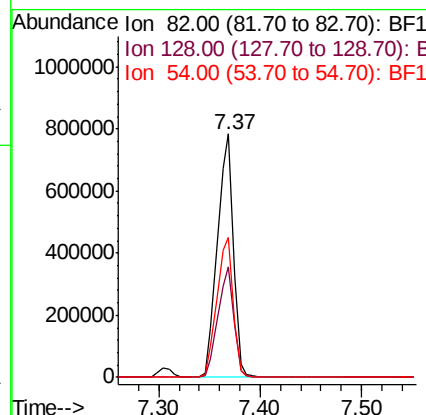
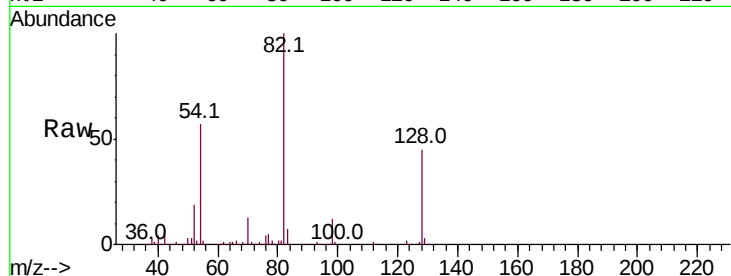
#23
 Nitrobenzene-d5
 Concen: 91.077 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampled :
 PB119929BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	57.4	48.5	72.7

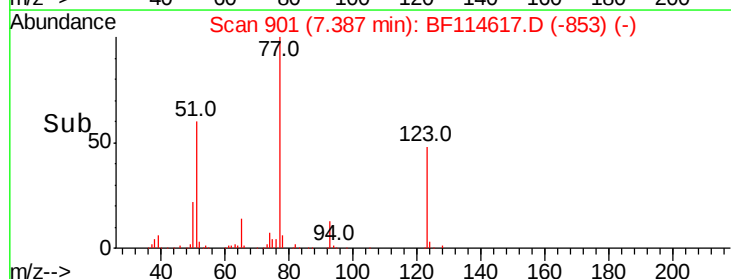
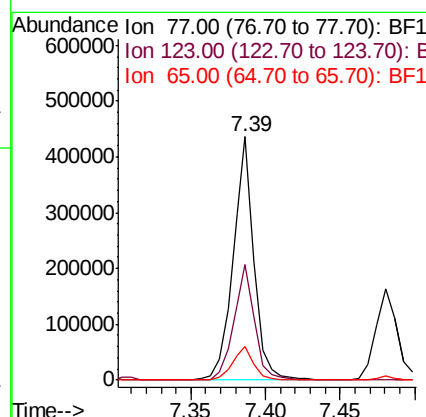
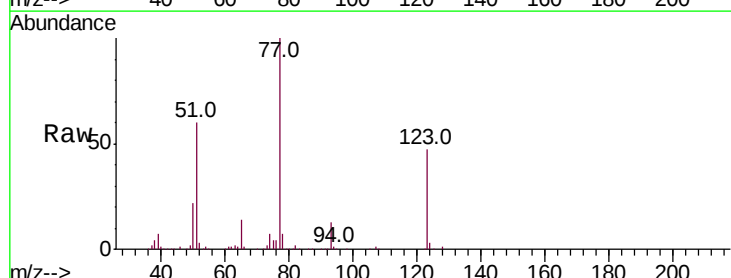
Manual Integrations
 APPROVED

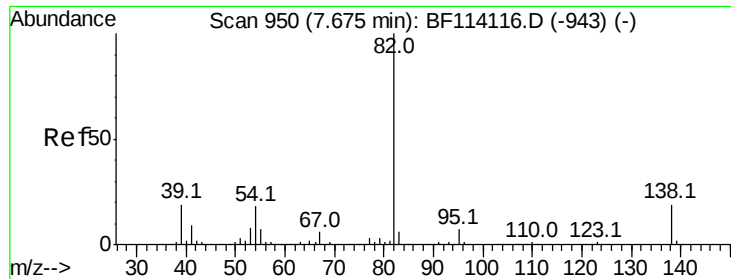
mohammad
 5/27/2019 3:50:19 AM



#24
 Nitrobenzene
 Concen: 44.247 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 43.373 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

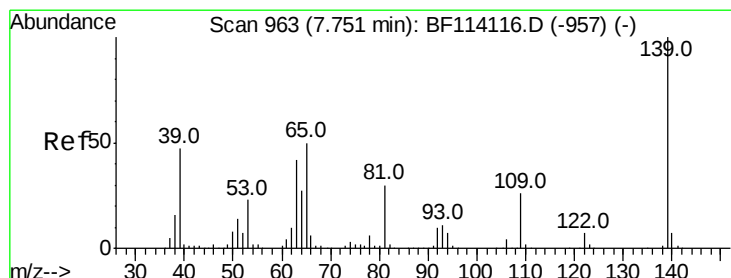
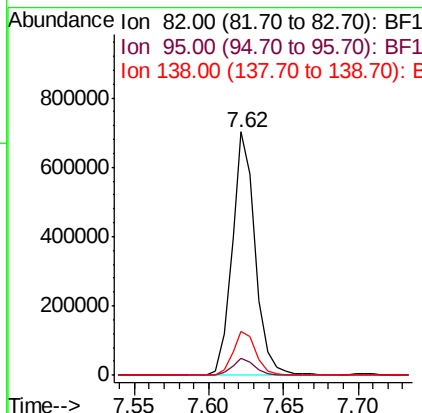
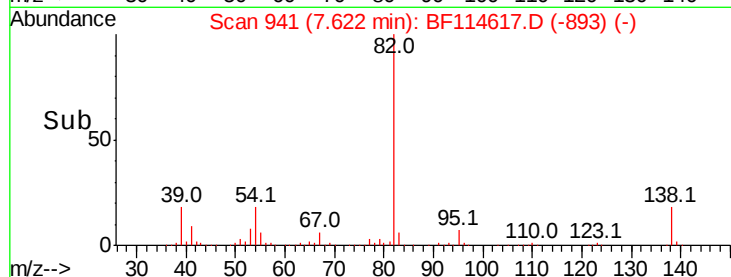
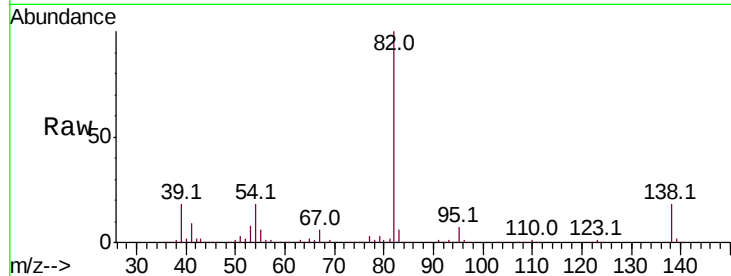
ClientSampleId :

PB119929BS

Tot Ion:	82	Resp:	760881
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.9	14.8	22.2

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#26

2-Nitrophenol

Concen: 46.768 ng

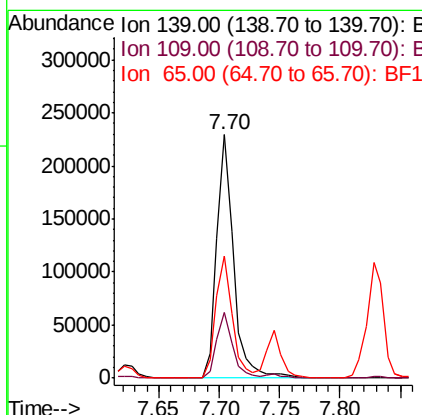
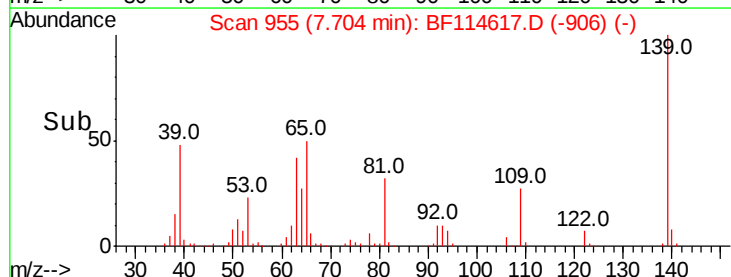
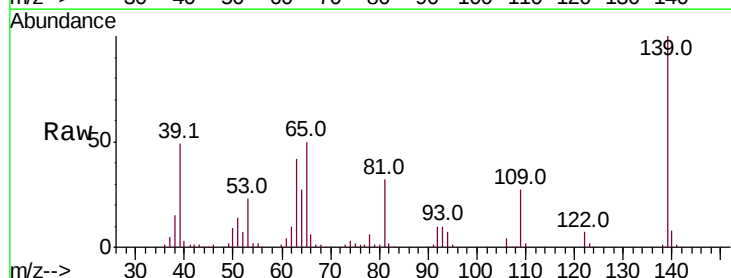
RT: 7.70 min Scan# 955

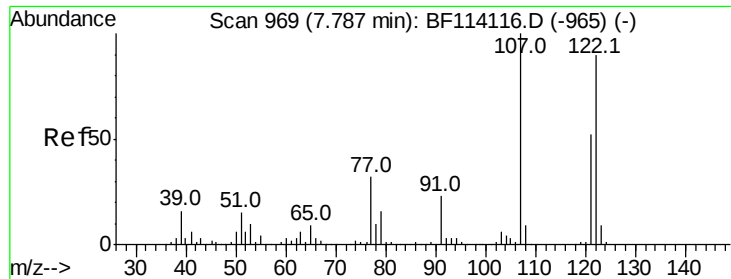
Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	139	Resp:	218600
Ion Ratio	Lower	Upper	
139	100		
109	27.1	20.7	31.1
65	50.3	40.2	60.2





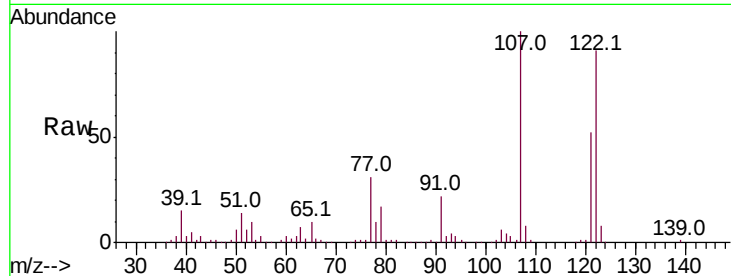
#27
2,4-Dimethylphenol
Concen: 48.121 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	353258		
107	110.2	88.4	132.6	
121	57.1	45.9	68.9	

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM

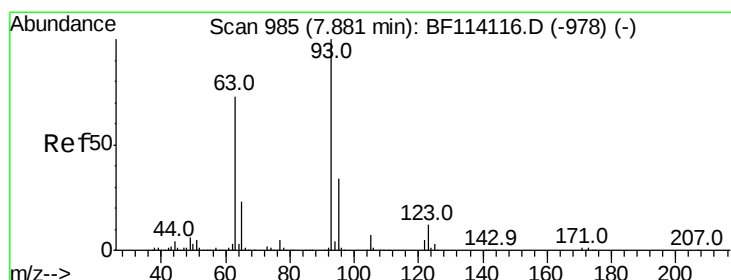
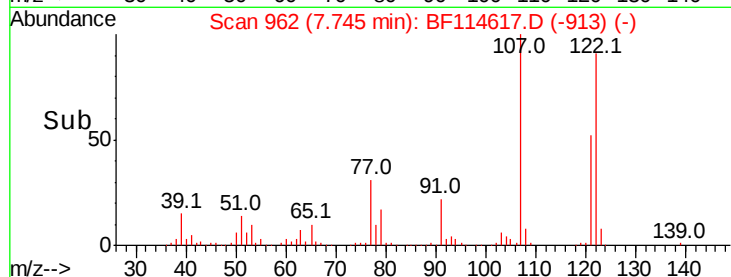
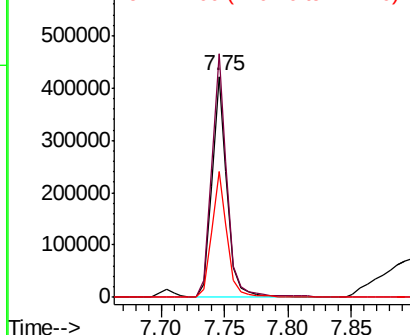


Abundance

Ion 122.00 (121.70 to 122.70): E

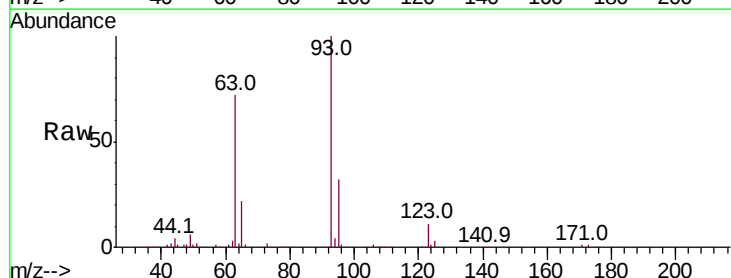
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.436 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	483031		
95	32.1	26.8	40.2	
123	10.9	9.5	14.3	

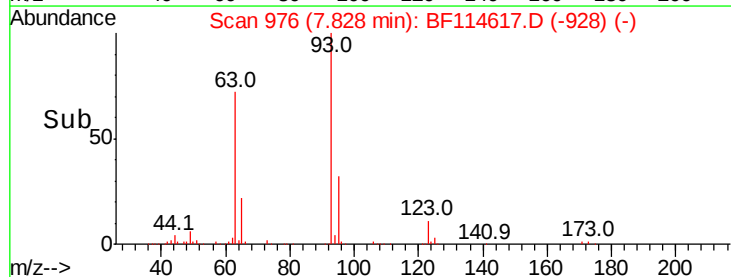
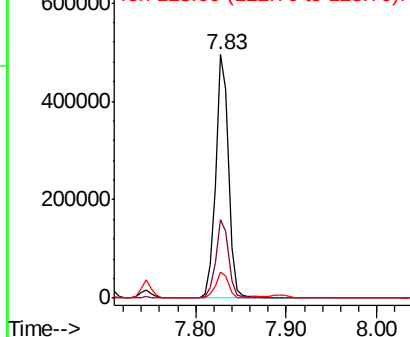


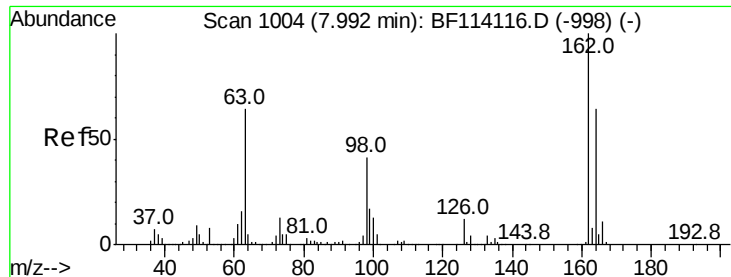
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.592 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

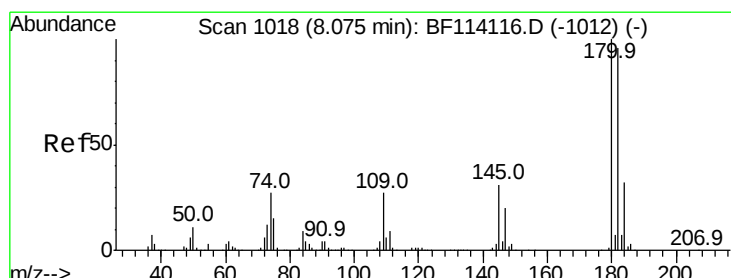
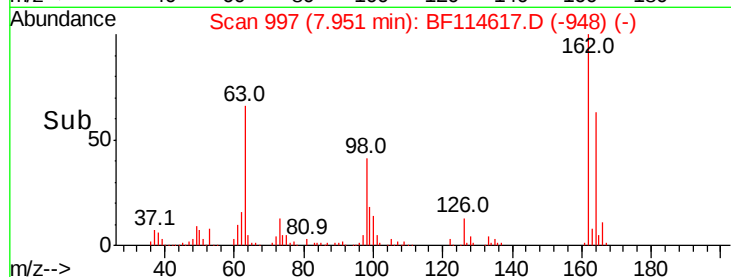
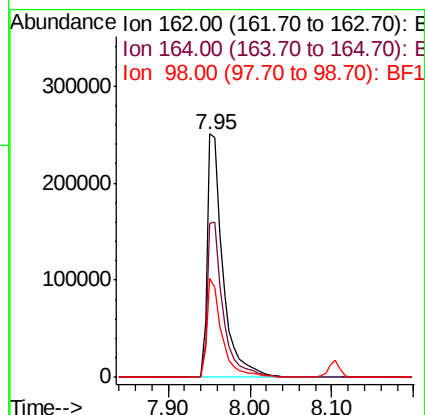
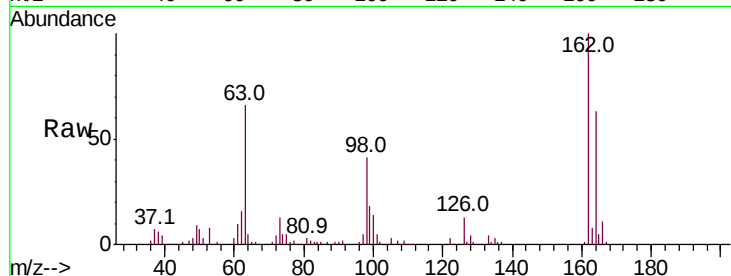
ClientSampleId :

PB119929BS

Tot Ion:	162	Resp:	333278
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.6	83.6
98	40.7	20.6	60.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#30

1,2,4-Trichlorobenzene

Concen: 43.209 ng

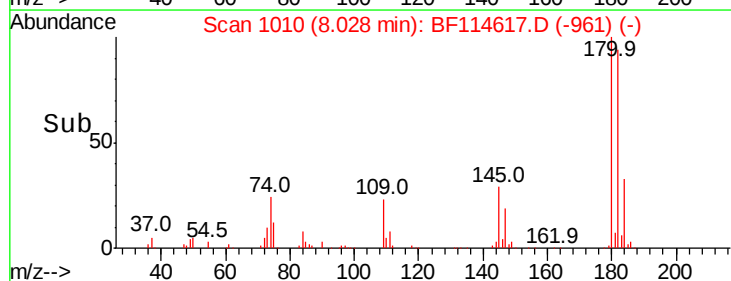
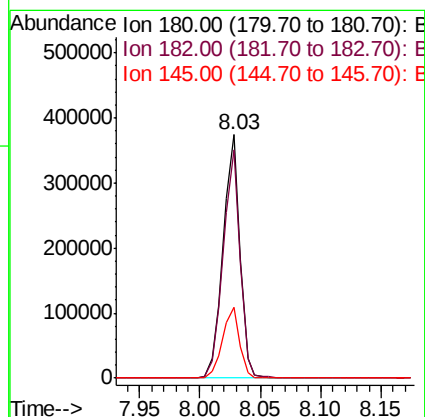
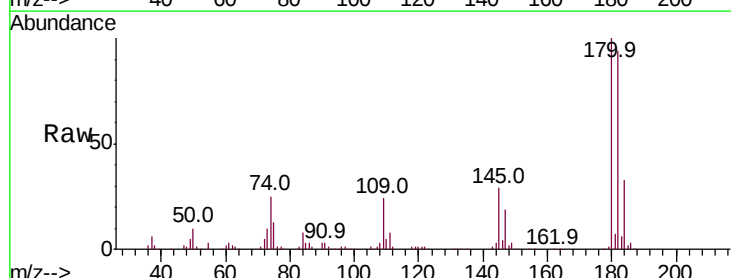
RT: 8.03 min Scan# 1010

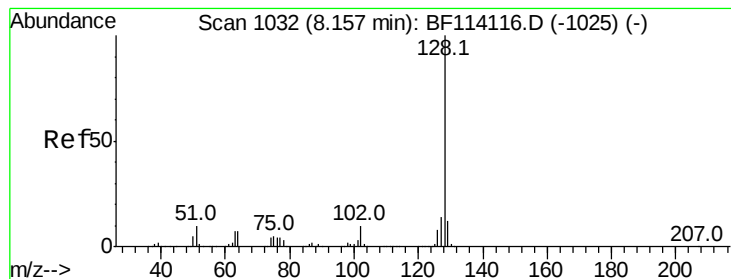
Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	180	Resp:	359171
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.6	114.8
145	29.2	25.1	37.7





#31

Naphthalene

Concen: 46.279 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion:128 Resp: 1147555

Ion Ratio Lower Upper

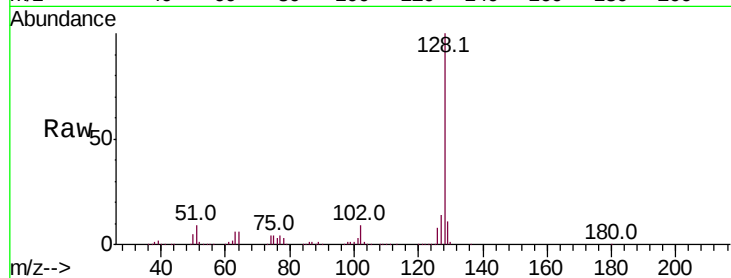
128 100

129 11.2 9.6 14.4

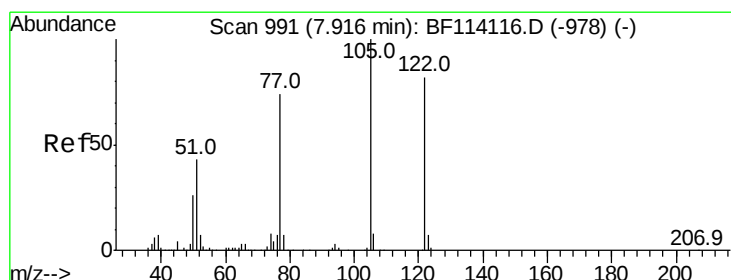
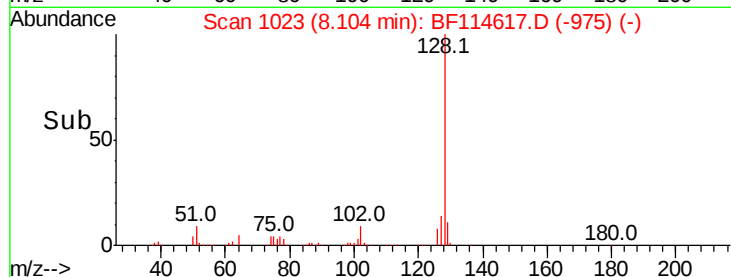
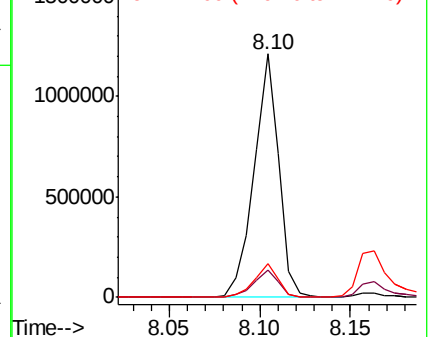
127 13.6 11.3 16.9

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



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: 37.092 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

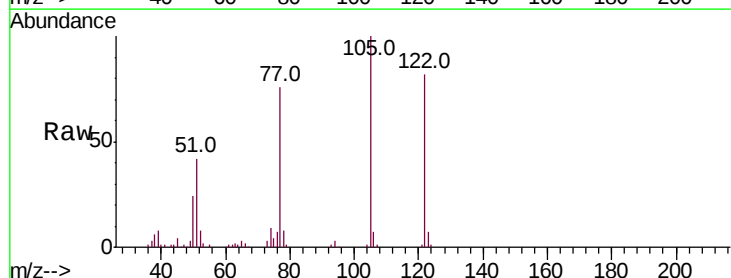
Tgt Ion:122 Resp: 184372

Ion Ratio Lower Upper

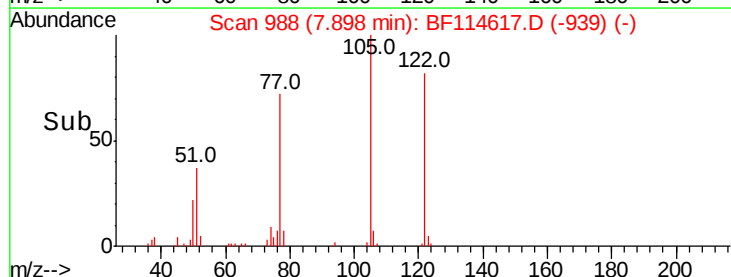
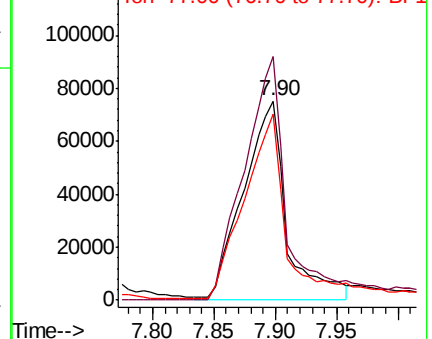
122 100

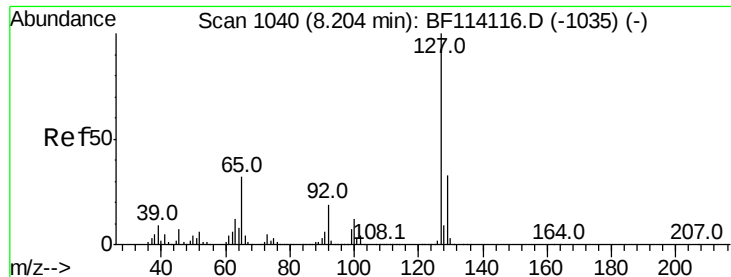
105 122.3 99.9 139.9

77 93.3 69.4 109.4



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





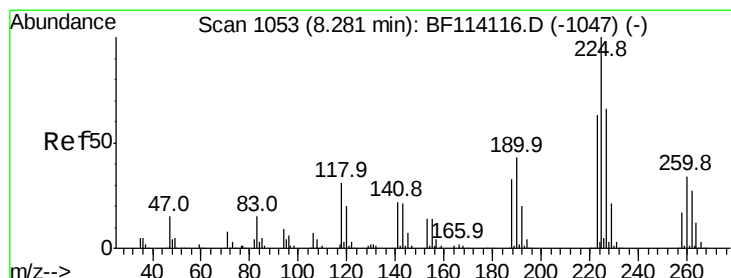
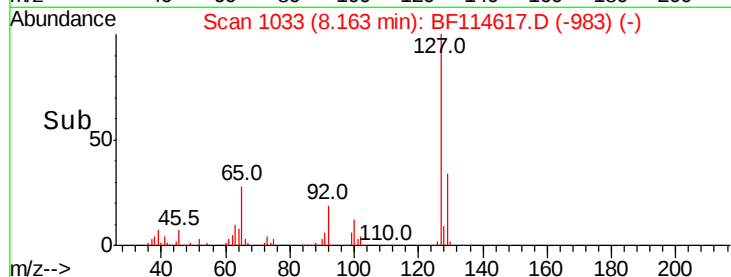
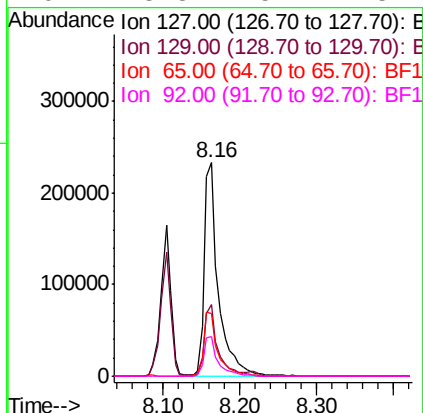
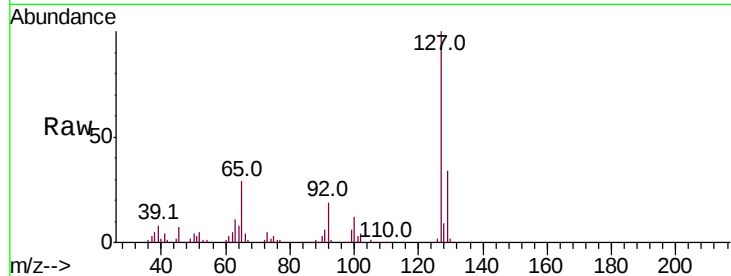
#33
 4-Chloroaniline
 Concen: 26.485 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.7	26.7	40.1
65	29.4	25.4	38.0
92	18.8	15.4	23.2

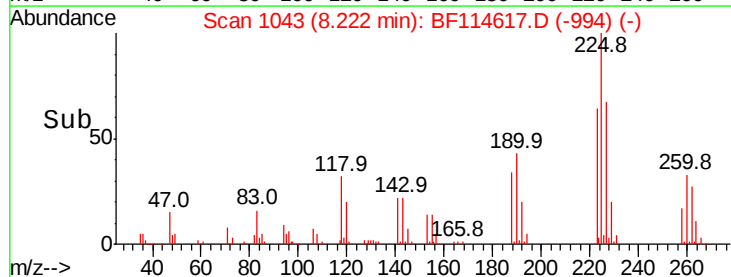
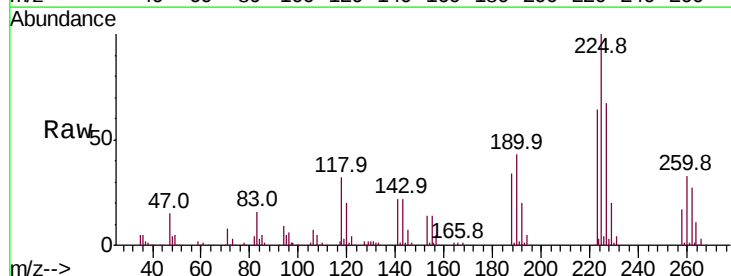
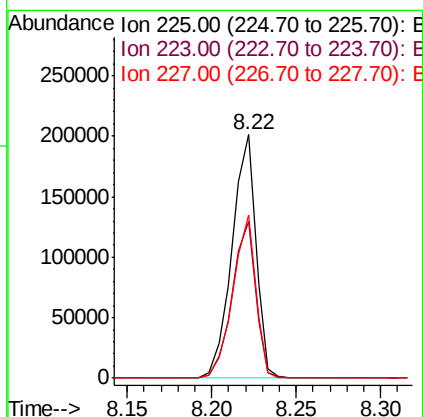
Manual Integrations
 APPROVED

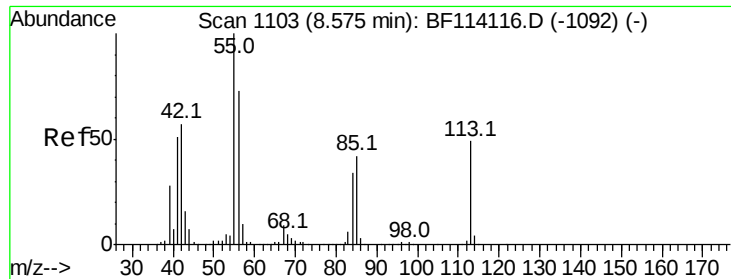
mohammad
 5/27/2019 3:50:19 AM



#34
 Hexachlorobutadiene
 Concen: 41.794 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.3	50.2	75.2
227	66.9	52.6	79.0





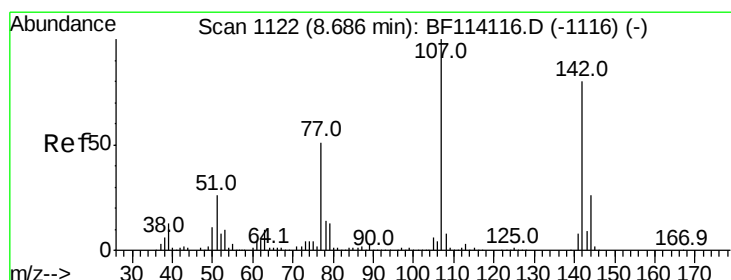
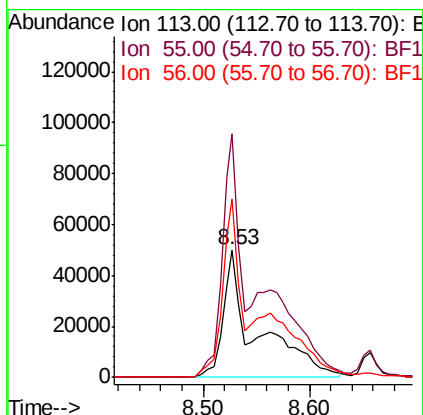
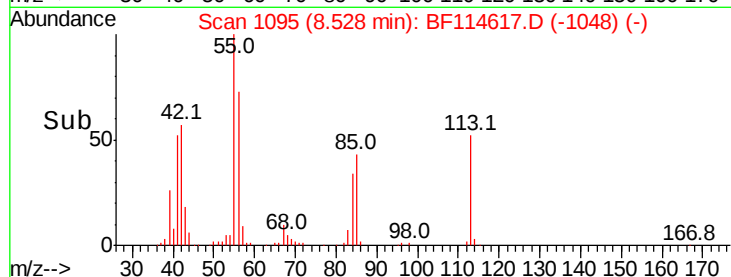
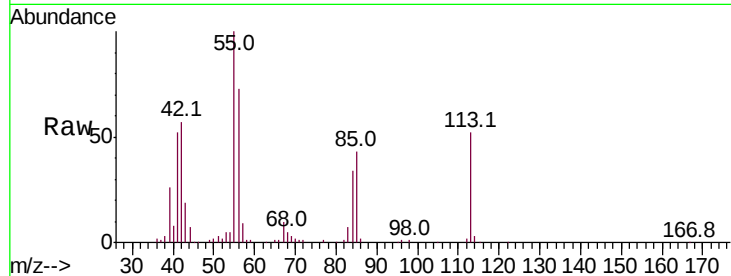
#35
Caprolactam
Concen: 45.462 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.6	183.5	223.5
56	139.3	128.8	168.8

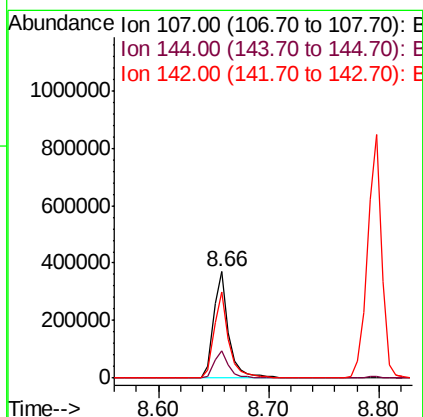
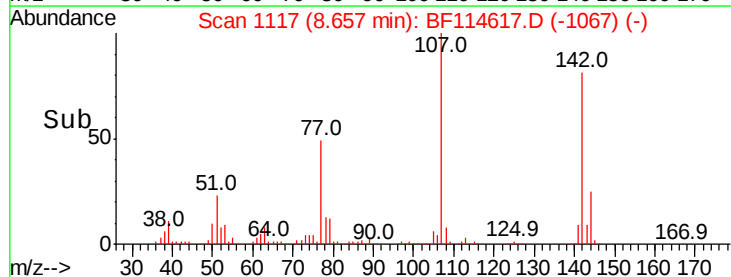
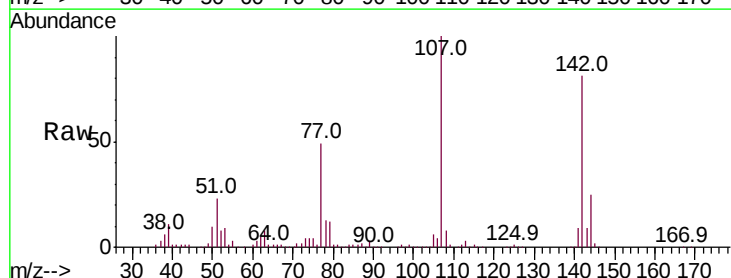
Manual Integrations
APPROVED

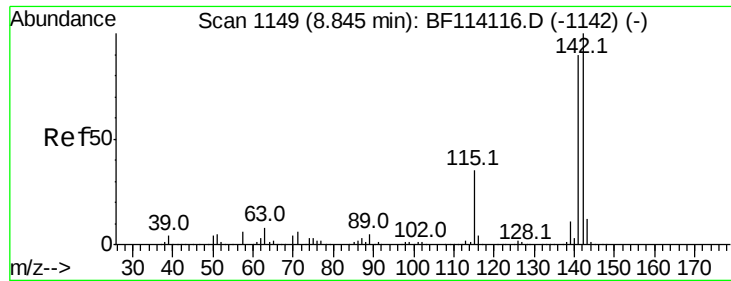
mohammad
5/27/2019 3:50:19 AM



#36
4-Chloro-3-methylphenol
Concen: 47.306 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.4	30.6
142	80.7	64.2	96.4





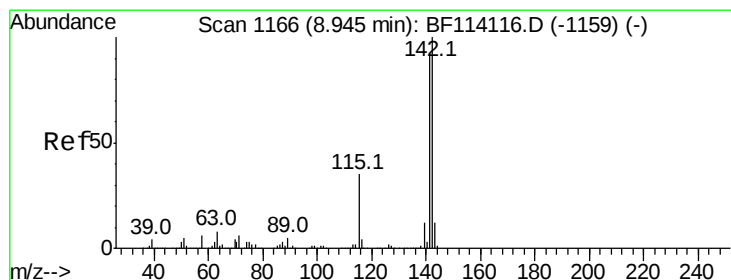
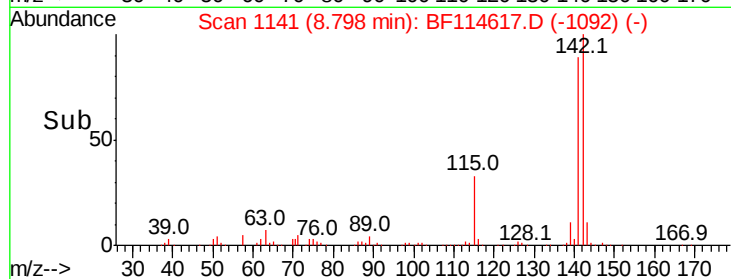
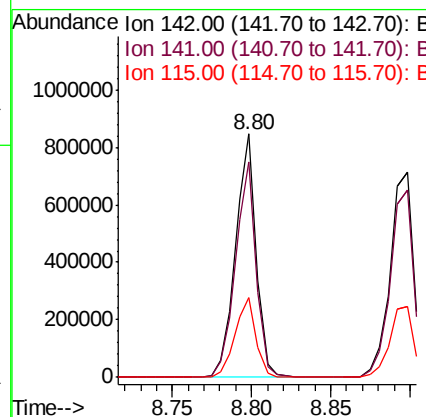
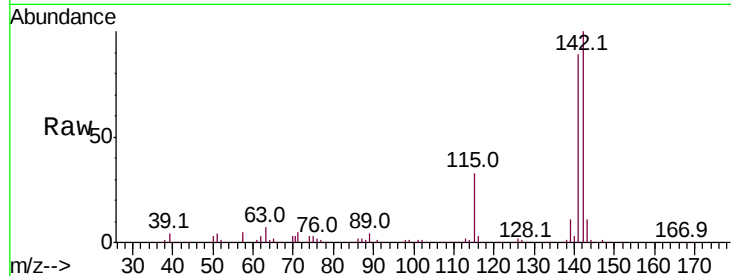
#37
2-Methylnaphthalene
Concen: 47.735 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	32.9	28.0	42.0

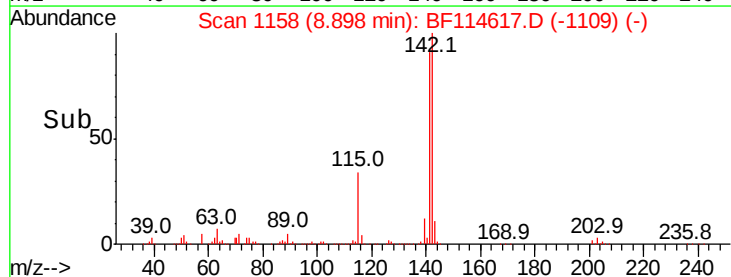
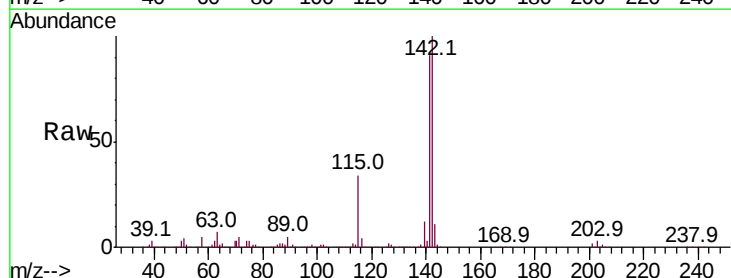
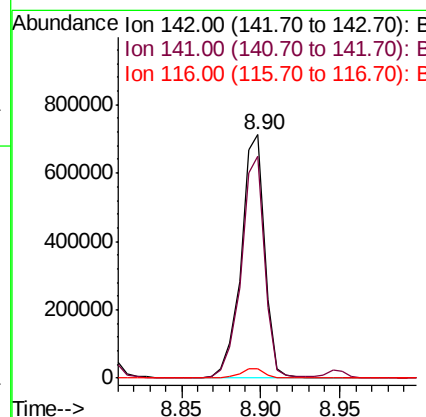
Manual Integrations
APPROVED

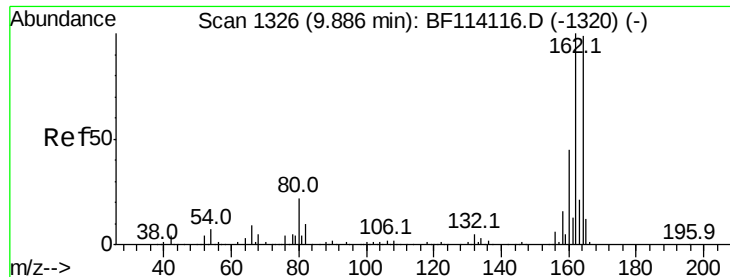
mohammad
5/27/2019 3:50:19 AM



#38
1-Methylnaphthalene
Concen: 48.261 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.0
116	3.6	3.1	4.7





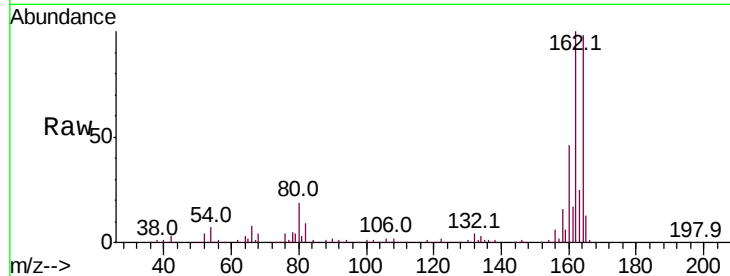
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

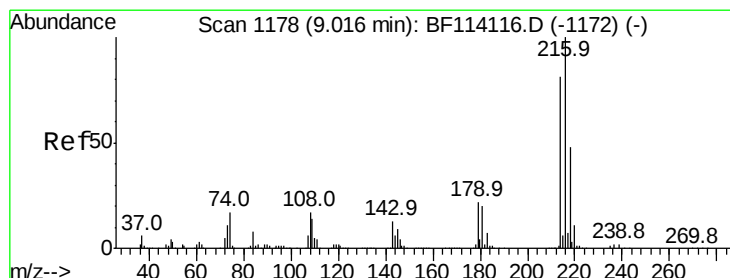
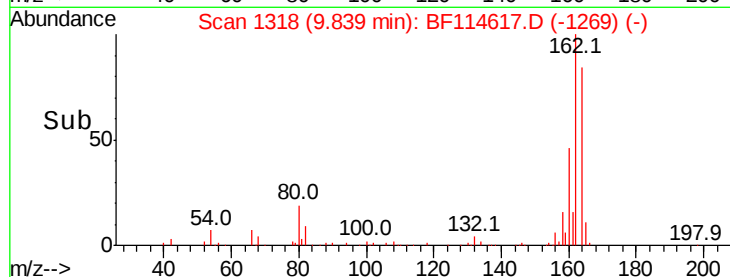
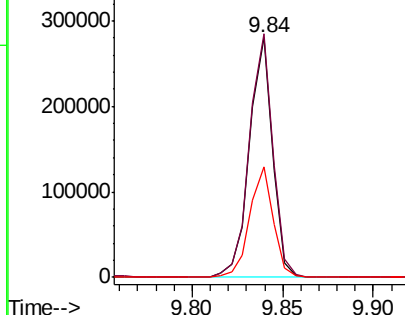
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	80.6	120.8	
160	46.4	36.5	54.7	

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



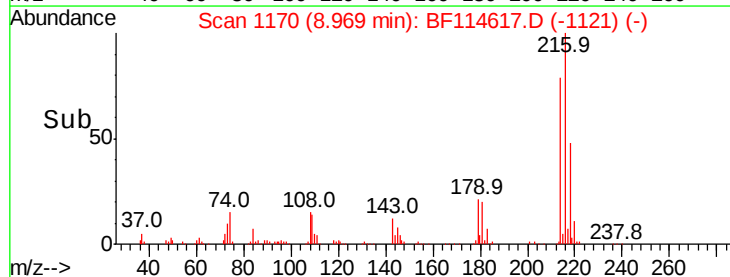
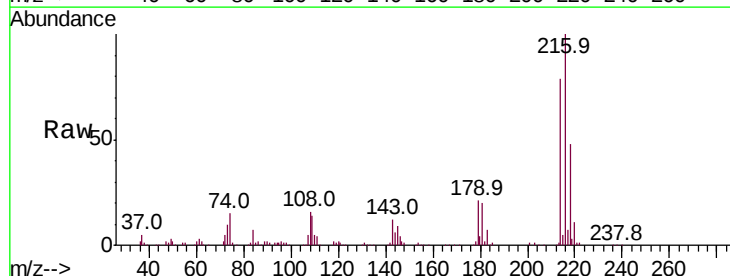
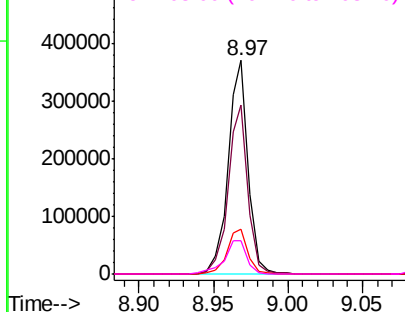
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

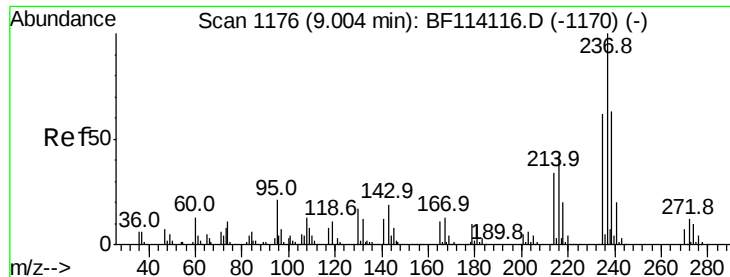


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.355 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.9	95.9	
179	21.4	17.0	25.6	
108	18.3	14.8	22.2	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





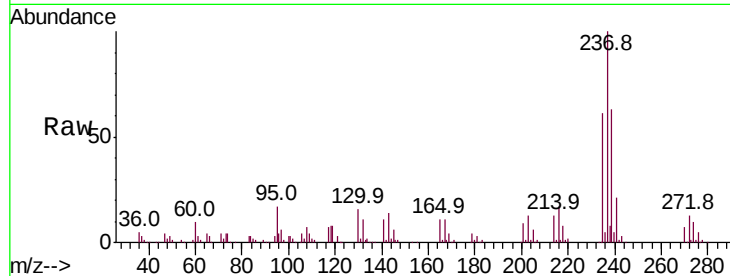
#41
Hexachlorocyclopentadiene
Concen: 44.064 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

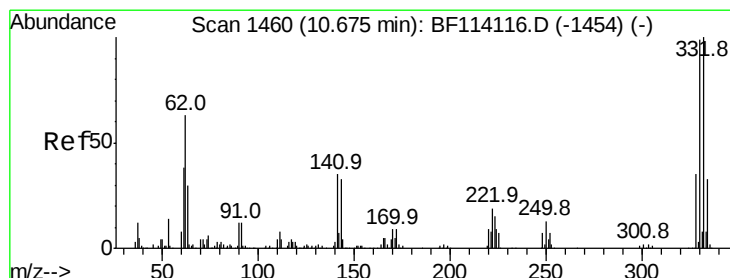
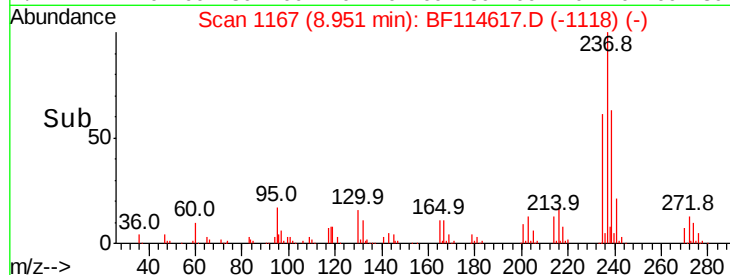
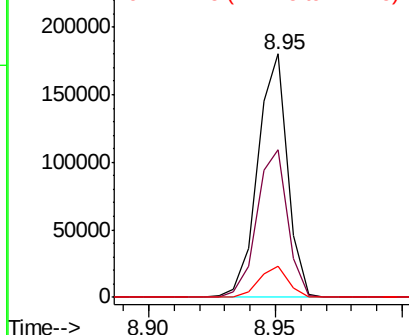
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.9	42.0	82.0	
272	12.9	0.0	32.4	

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM

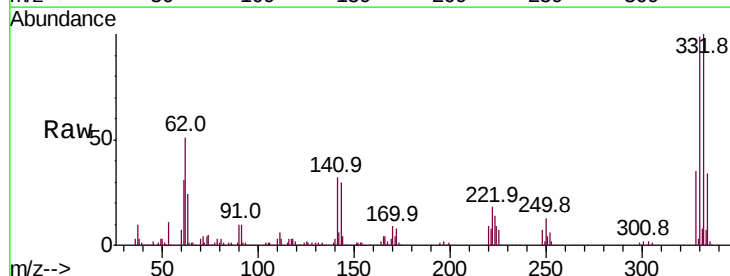


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

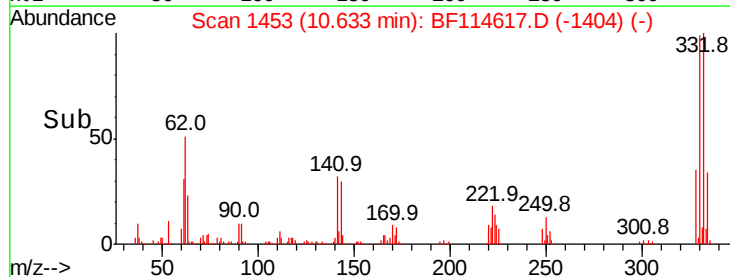
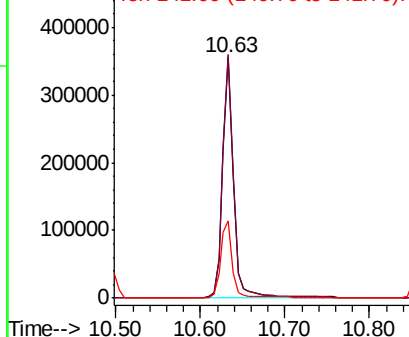


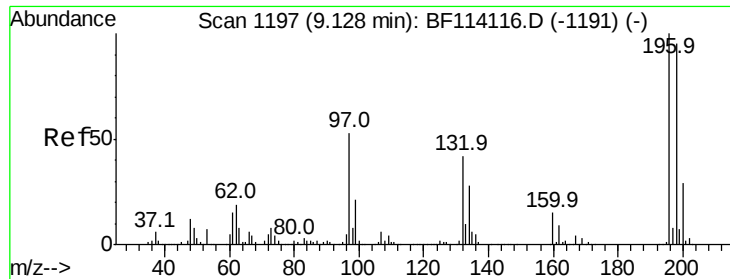
#42
2,4,6-Tribromophenol
Concen: 128.636 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.4	81.4	122.2	
141	33.8	26.6	40.0	



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





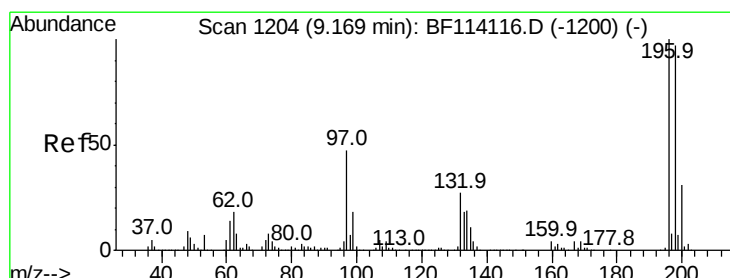
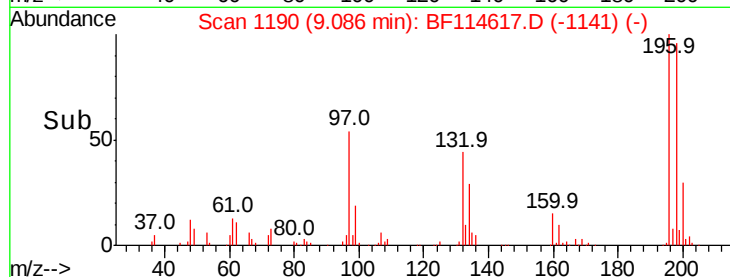
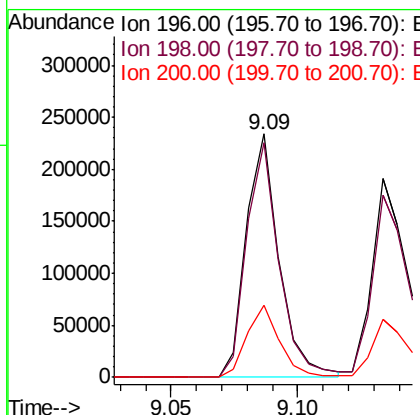
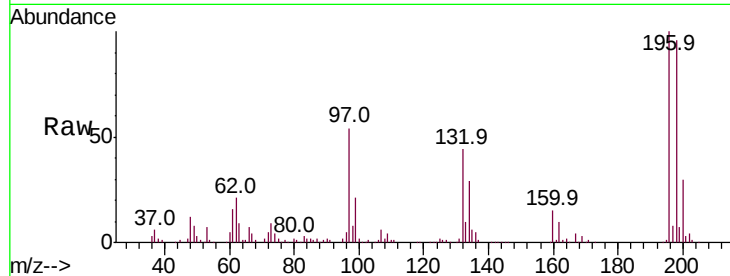
#43
 2,4,6-Trichlorophenol
 Concen: 40.961 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212148		
198	96.2	75.9	113.9	
200	29.8	23.5	35.3	

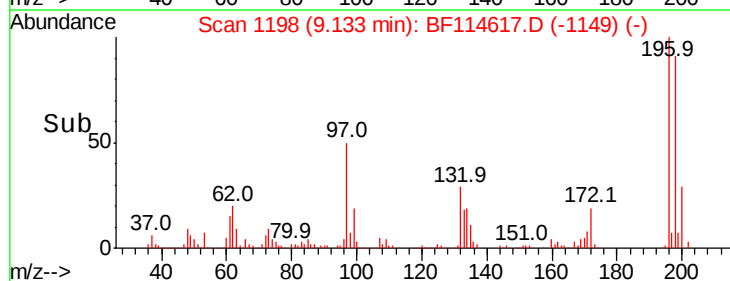
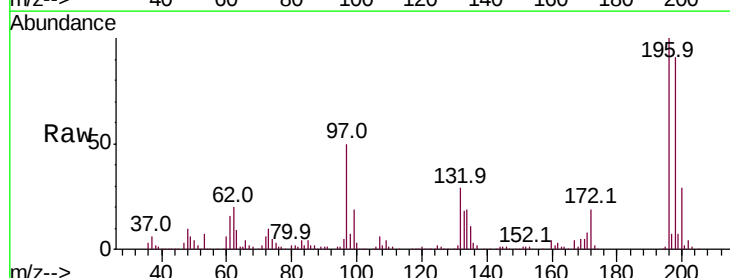
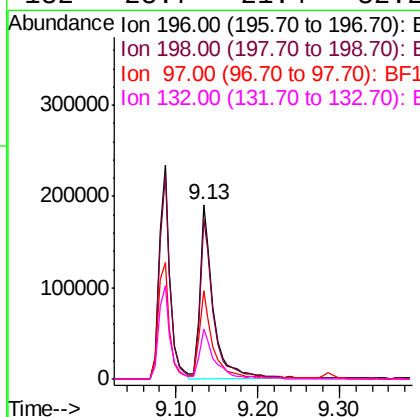
Manual Integrations
 APPROVED

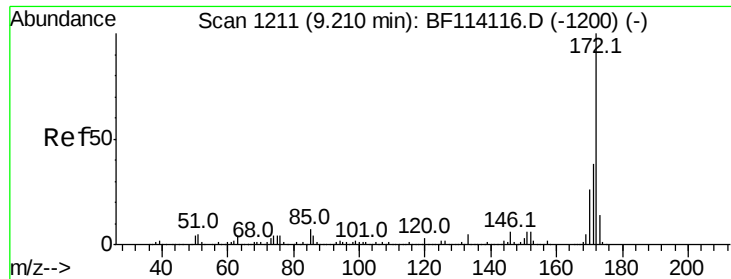
mohammad
 5/27/2019 3:50:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.850 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222293		
198	91.4	77.7	116.5	
97	50.5	38.2	57.2	
132	28.7	21.4	32.2	





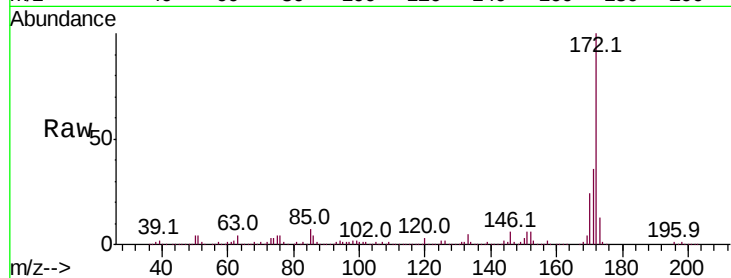
#45
2-Fluorobiphenyl
Concen: 92.300 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

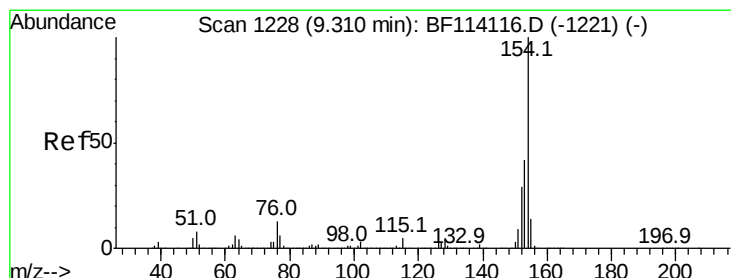
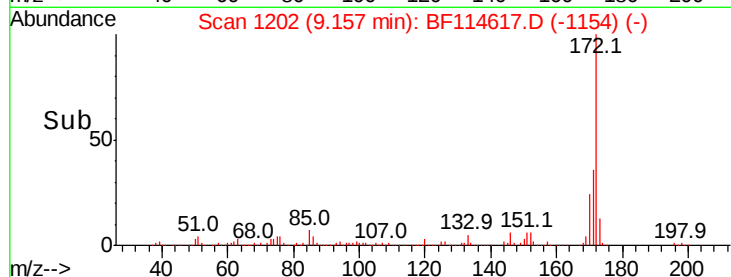
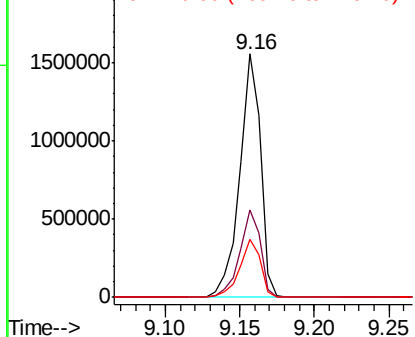
Tot Ion:172 Resp: 1516782
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 23.8 20.5 30.7

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM

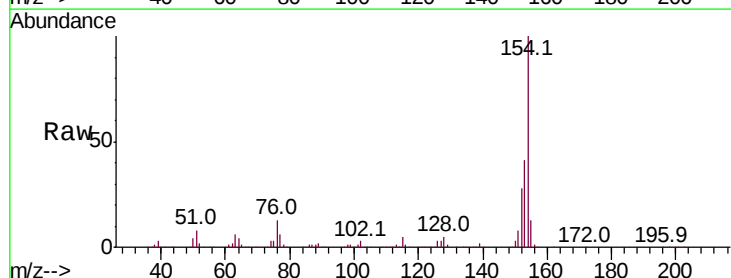


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

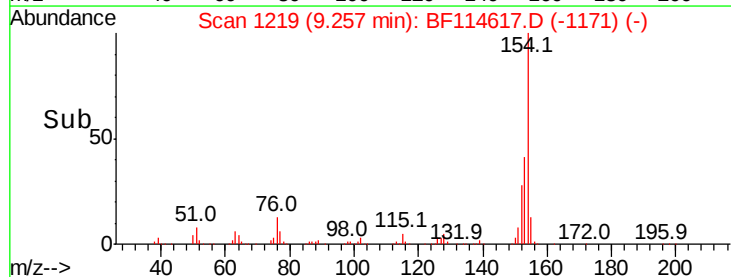
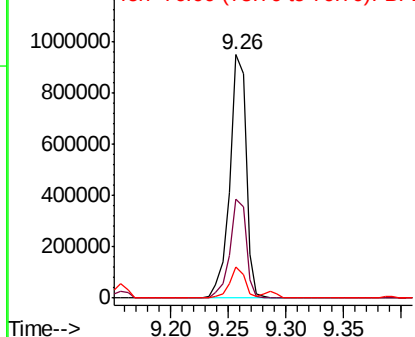


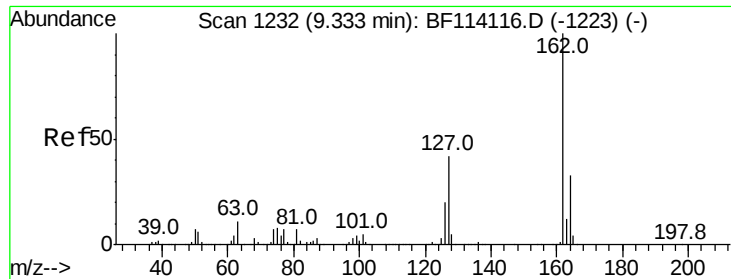
#46
1,1'-Biphenyl
Concen: 46.280 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:154 Resp: 929383
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 12.7 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





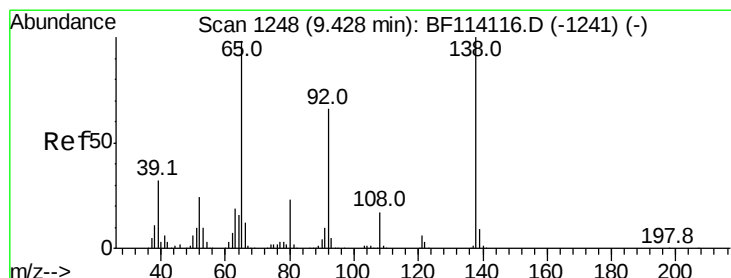
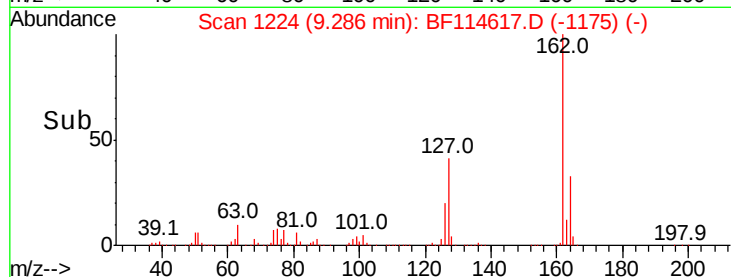
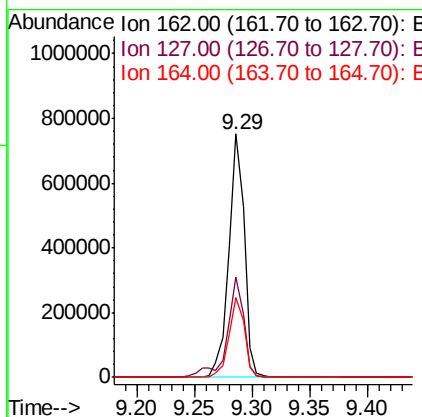
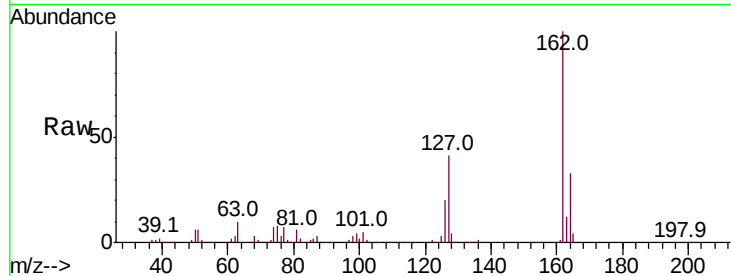
#47
 2-Chloronaphthalene
 Concen: 43.354 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	700666		
127	41.0		34.0	51.0
164	32.6		26.7	40.1

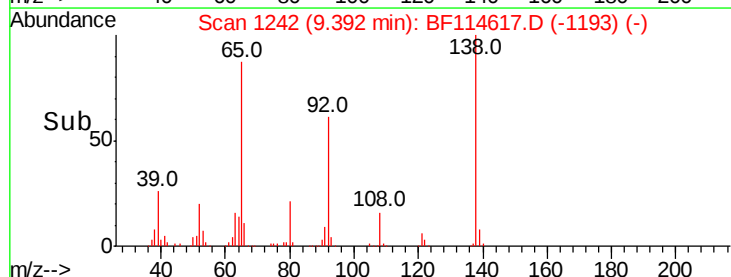
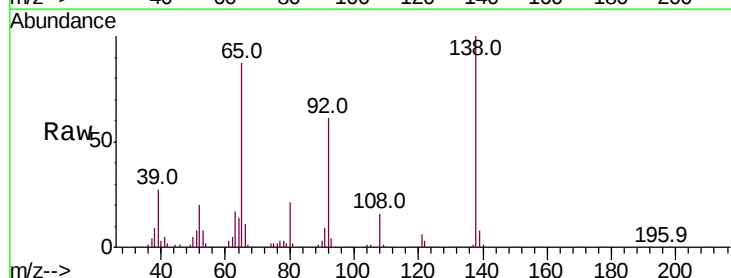
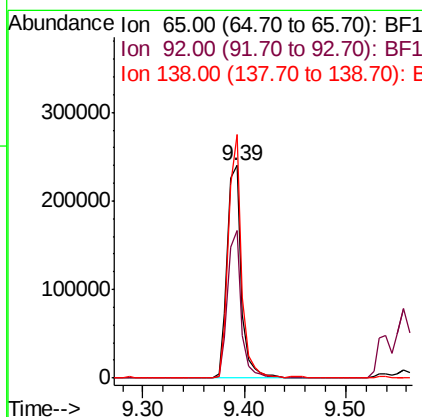
Manual Integrations
 APPROVED

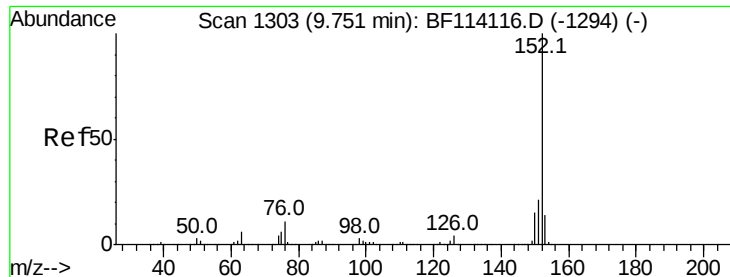
mohammad
 5/27/2019 3:50:19 AM



#48
 2-Nitroaniline
 Concen: 40.923 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	234559		
92	69.6		53.9	80.9
138	114.6		81.4	122.0





#49

Acenaphthylene

Concen: 45.356 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion:152 Resp: 1114882

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

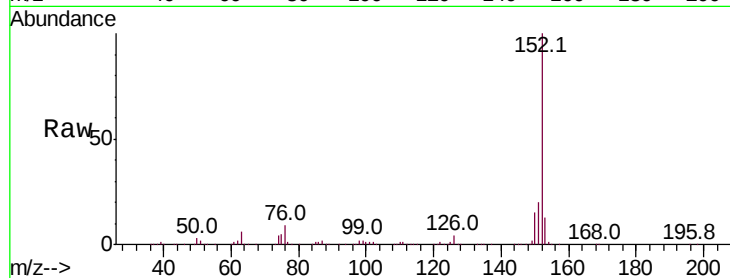
153 13.0 11.4 17.2

Manual Integrations

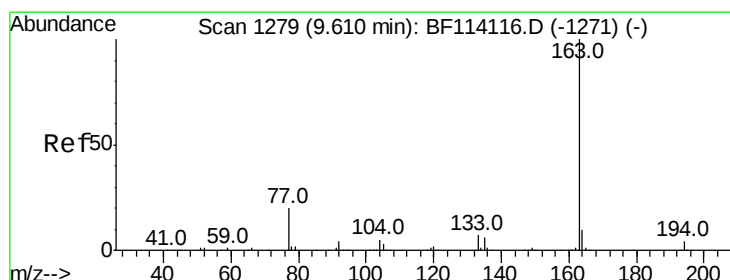
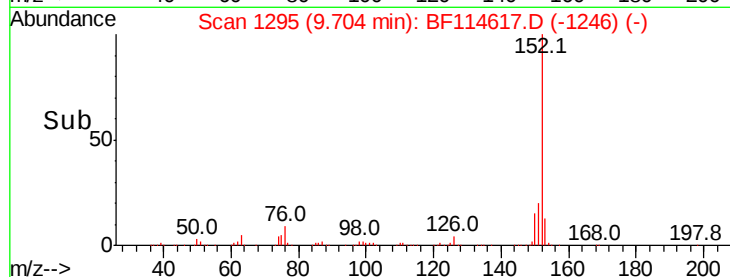
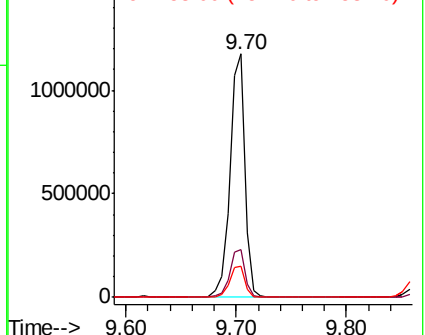
APPROVED

mohammad

5/27/2019 3:50:19 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.313 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

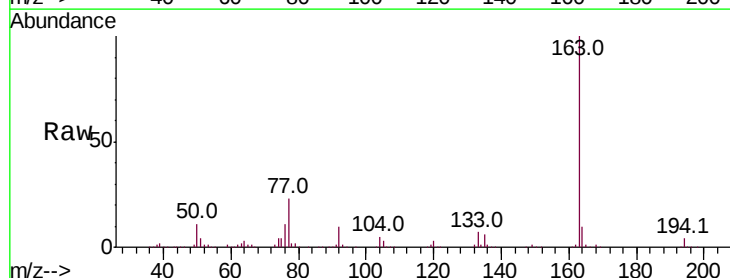
Tgt Ion:163 Resp: 772128

Ion Ratio Lower Upper

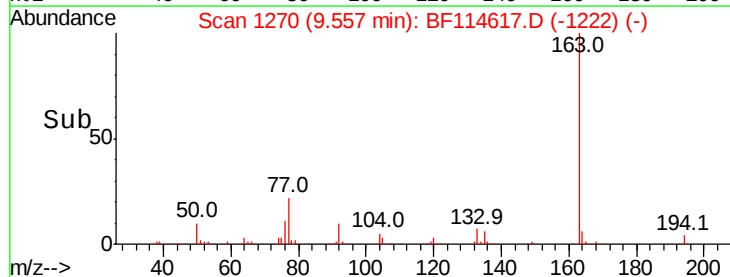
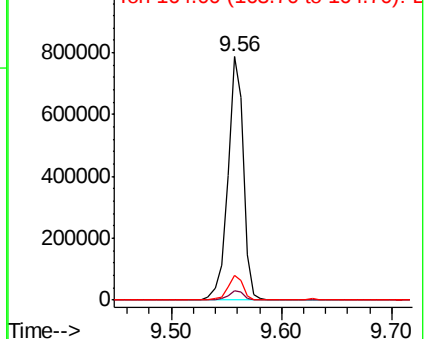
163 100

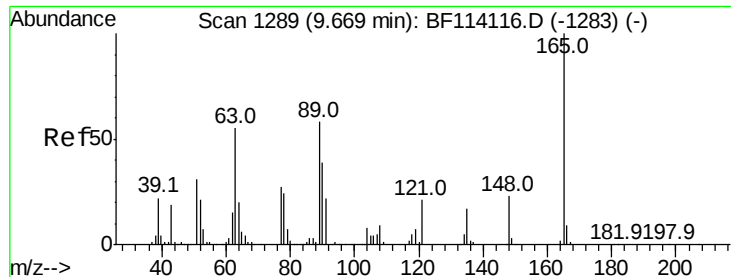
194 3.9 3.4 5.0

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





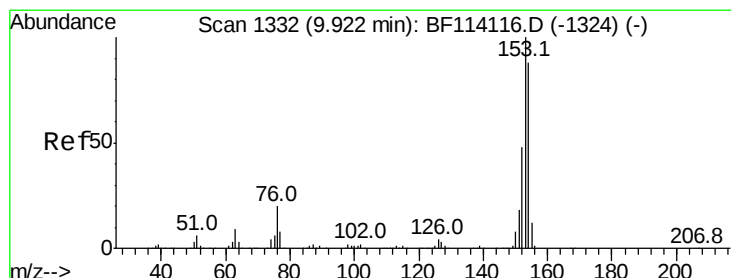
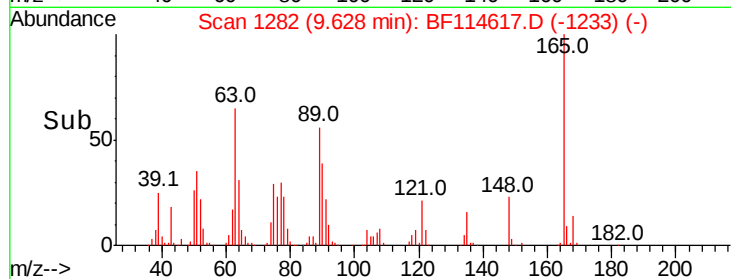
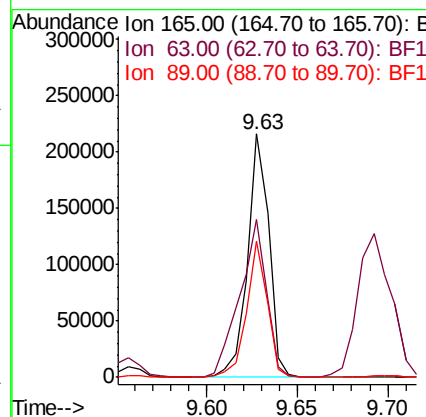
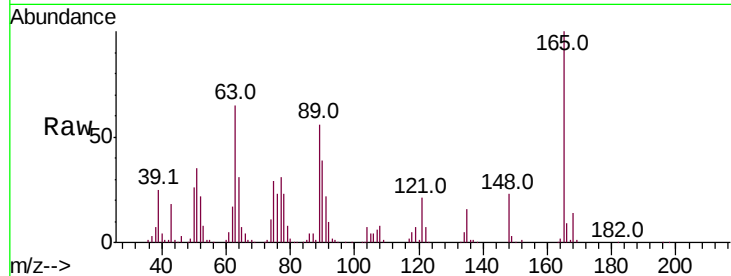
#51
 2,6-Dinitrotoluene
 Concen: 43.453 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleID :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175870		
63	64.9	50.2	75.4	
89	55.8	46.6	69.8	

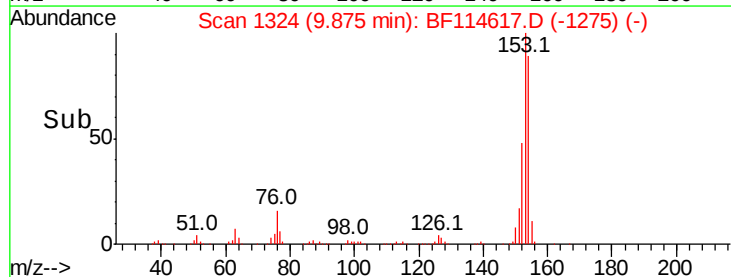
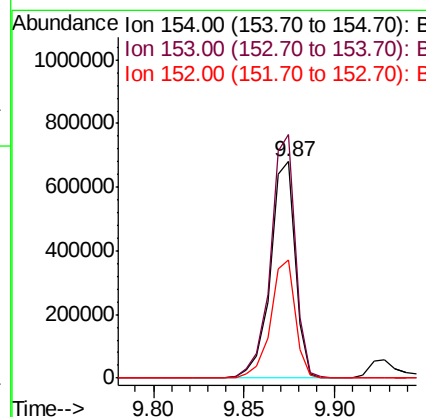
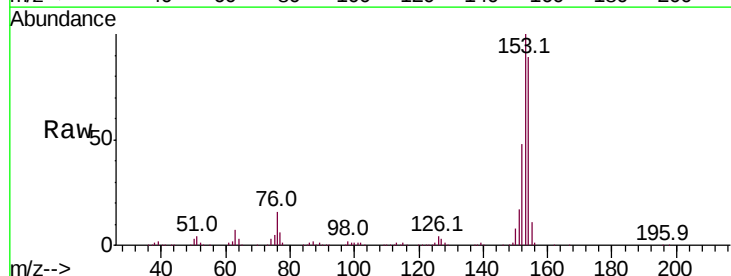
Manual Integrations
 APPROVED

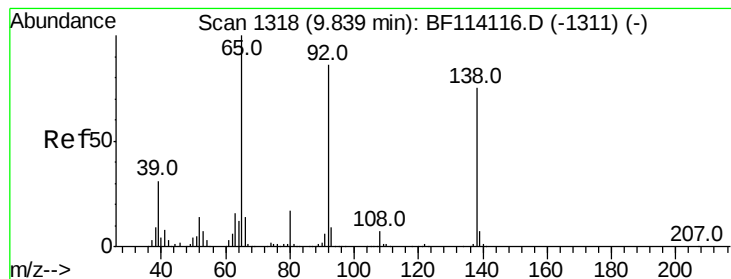
mohammad
 5/27/2019 3:50:19 AM



#52
 Acenaphthene
 Concen: 43.457 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	655500		
153	112.5	90.5	135.7	
152	54.4	43.4	65.2	





#53

3-Nitroaniline

Concen: 26.869 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

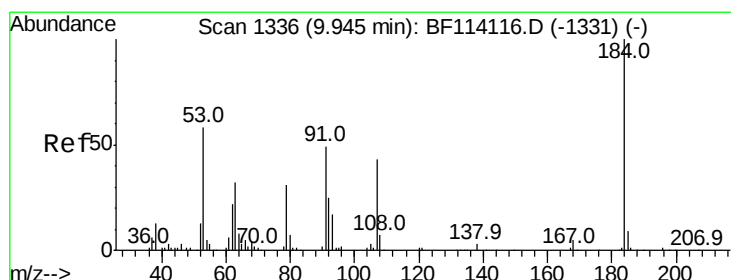
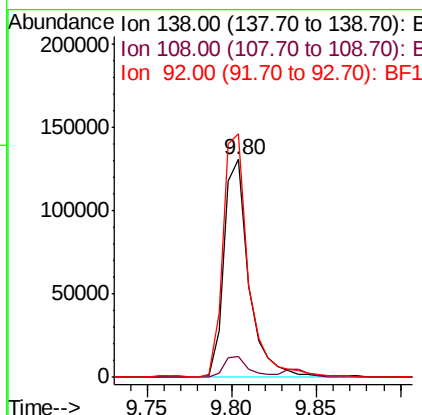
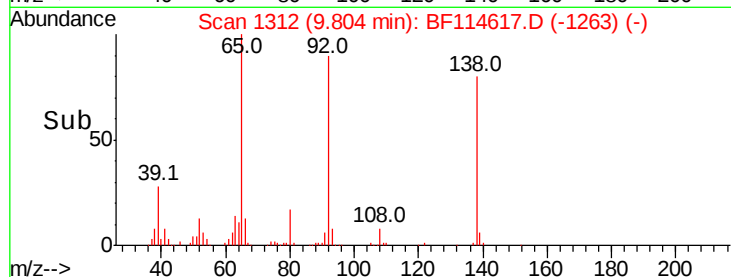
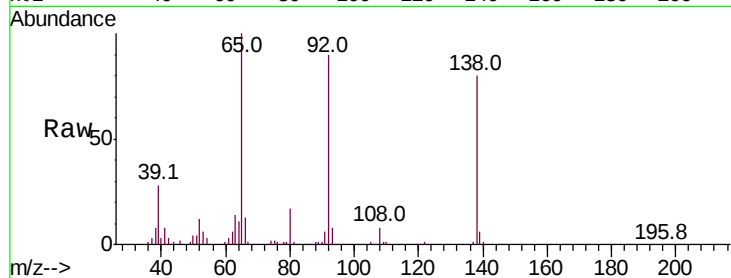
ClientSampleId :

PB119929BS

Tot Ion:	138	Resp:	134993
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	111.8	91.2	136.8

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#54

2,4-Dinitrophenol

Concen: 68.317 ng

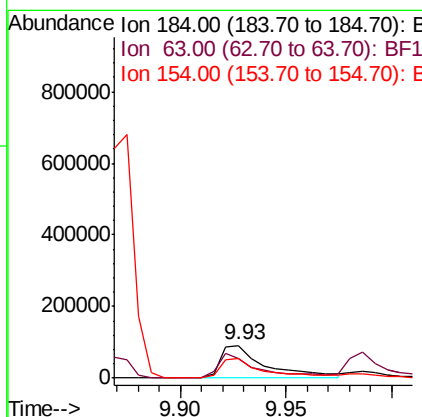
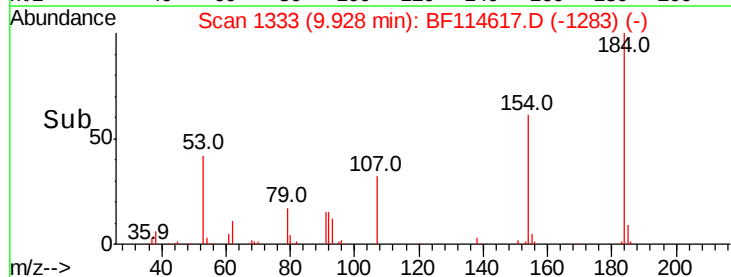
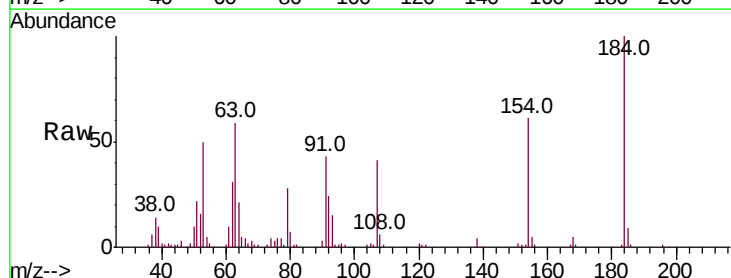
RT: 9.93 min Scan# 1333

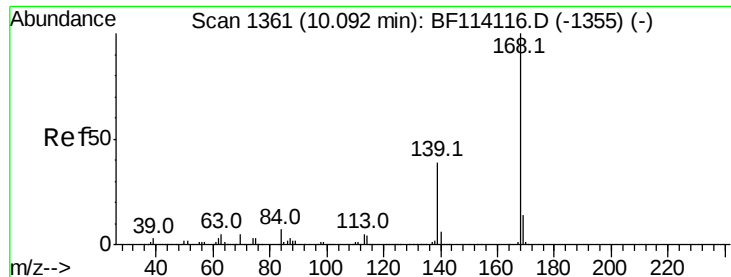
Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	184	Resp:	136848
Ion Ratio	Lower	Upper	
184	100		
63	59.4	55.6	83.4
154	61.1	46.0	69.0





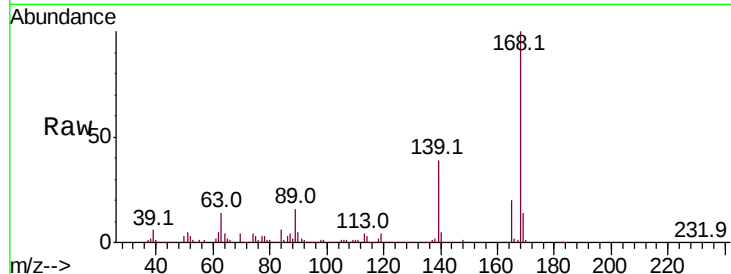
#55
Dibenzofuran
Concen: 42.623 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	13.7	11.4	17.0

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM

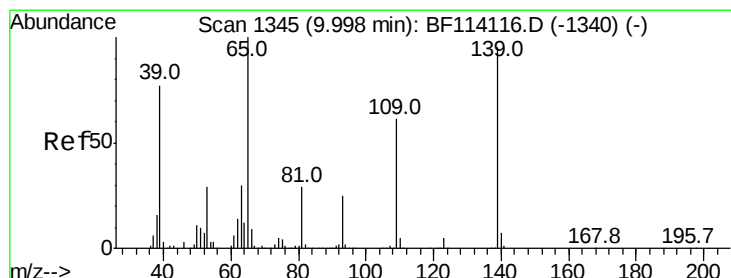
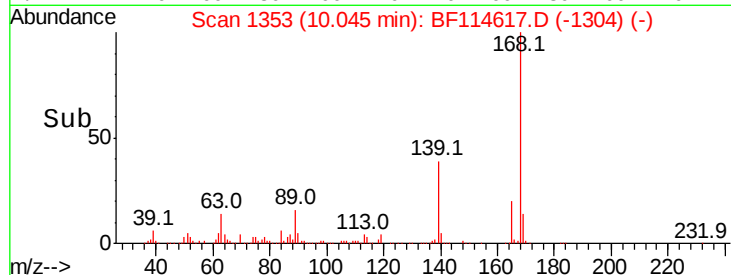
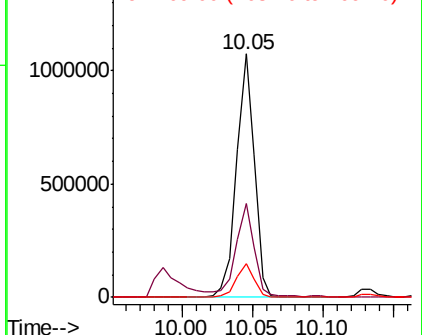


Abundance

Ion 168.00 (167.70 to 168.70): E

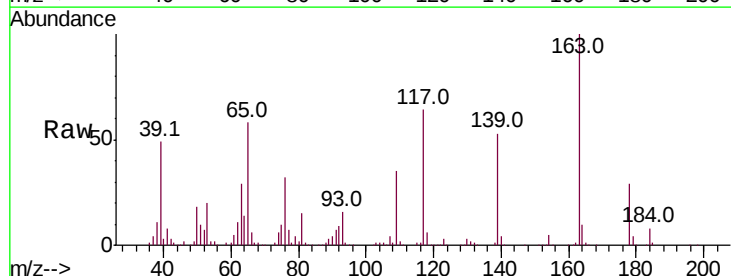
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 47.873 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.0	43.9	83.9
65	109.1	85.7	125.7

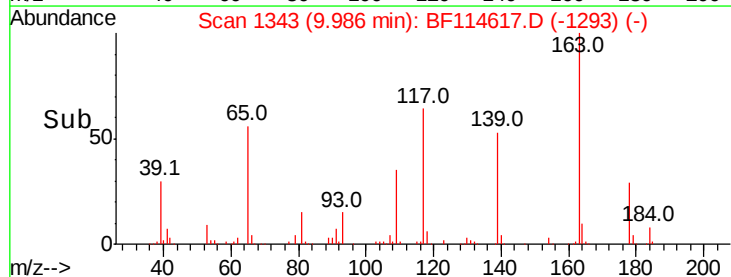
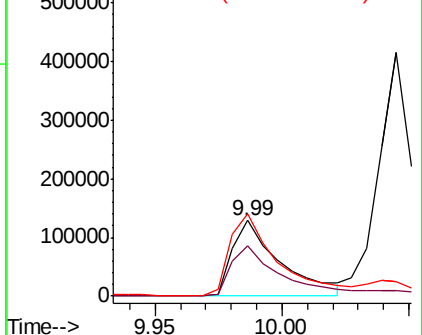


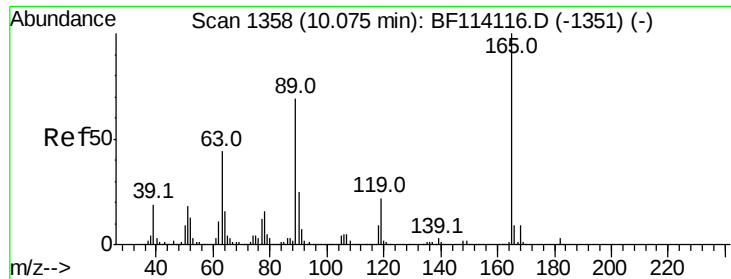
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.414 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion:165 Resp: 216521
Ion Ratio Lower Upper

165 100

63 69.6 35.5 53.3#

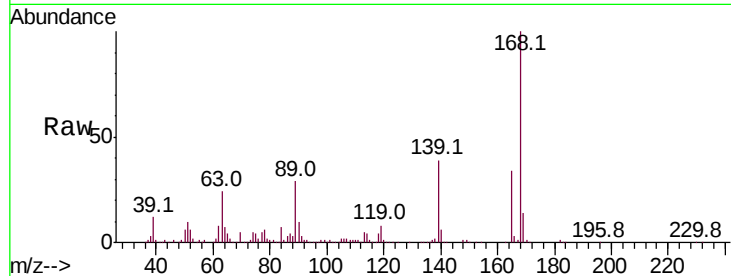
89 85.8 55.2 82.8#

182 2.4 2.2 3.2

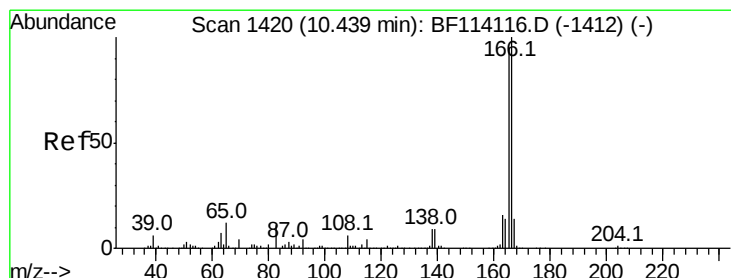
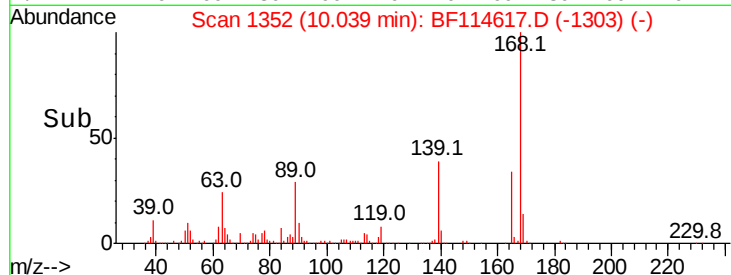
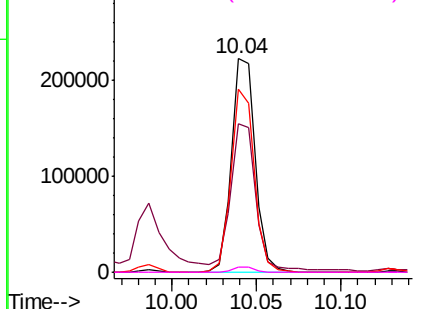
Manual Integrations
APPROVED

mohammad

5/27/2019 3:50:19 AM



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



#58

Fluorene

Concen: 45.595 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114617.D

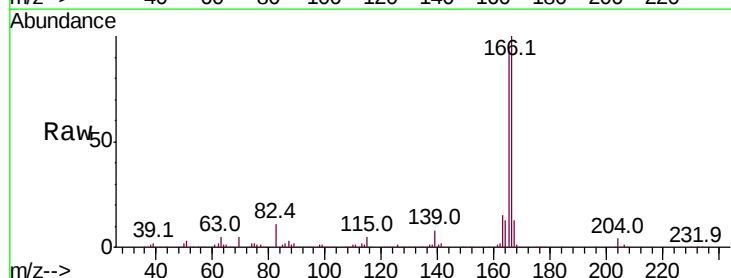
Acq: 25 May 2019 21:08

Tgt Ion:166 Resp: 778961
Ion Ratio Lower Upper

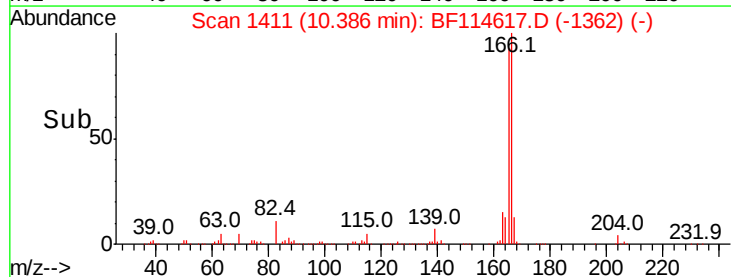
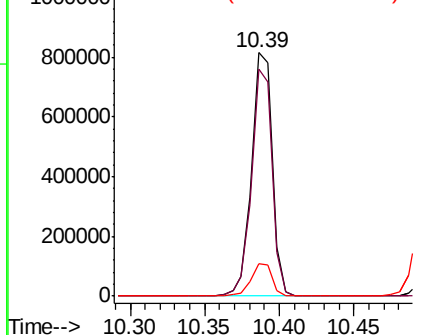
166 100

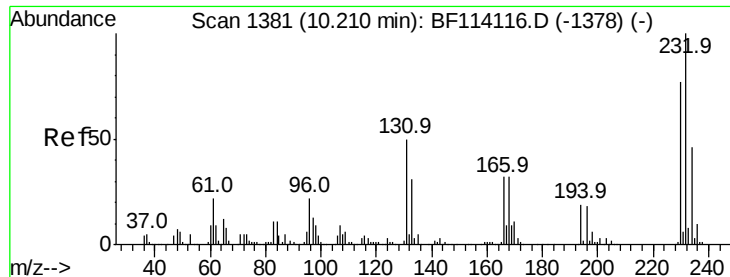
165 93.5 76.1 114.1

167 13.3 11.1 16.7



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





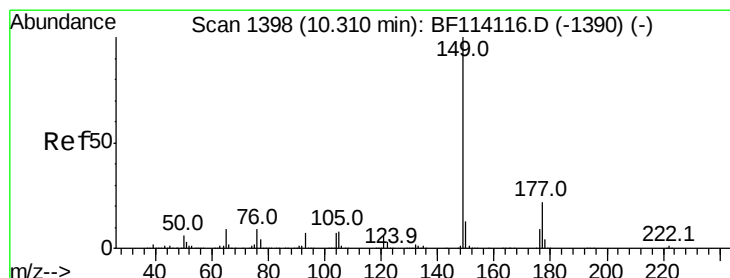
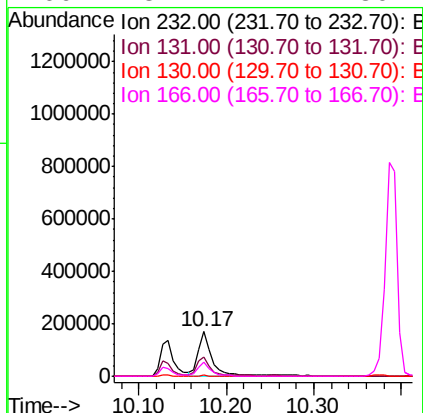
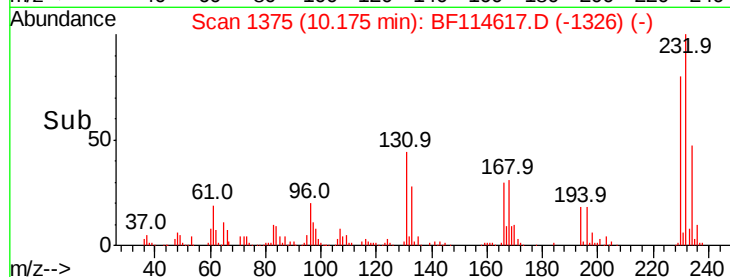
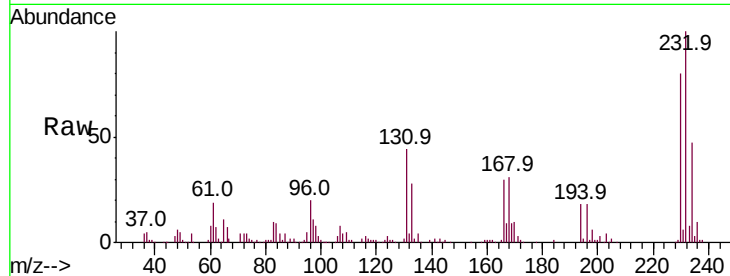
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.287 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	189221		
131	43.5		35.6	53.4
130	2.0		1.6	2.4
166	28.4		24.1	36.1

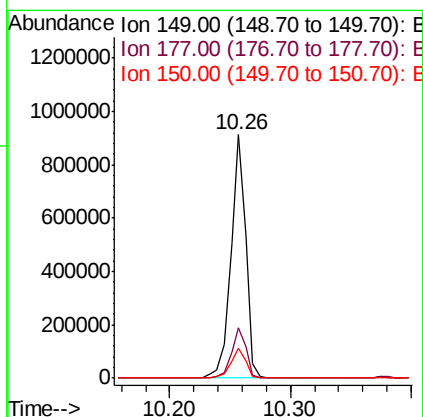
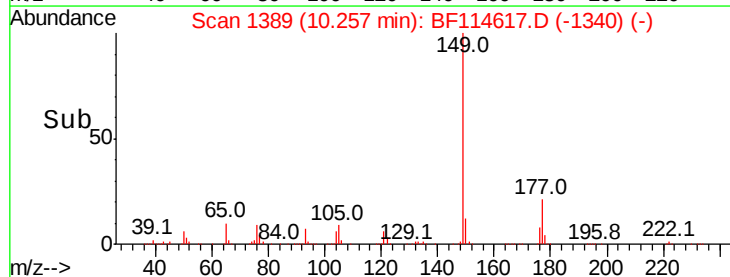
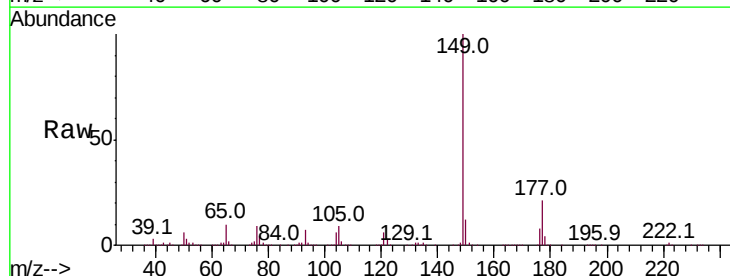
Manual Integrations
 APPROVED

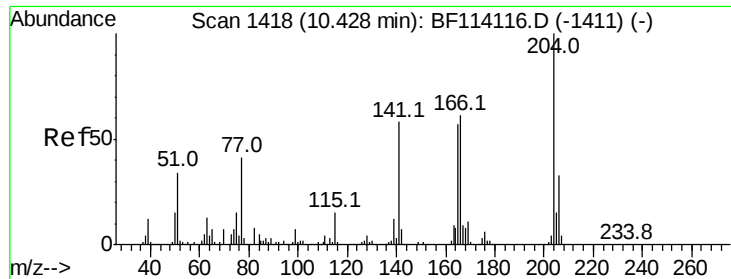
mohammad
 5/27/2019 3:50:19 AM



#60
 Diethylphthalate
 Concen: 41.777 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	774597		
177	20.6		17.8	26.6
150	12.4		10.2	15.2





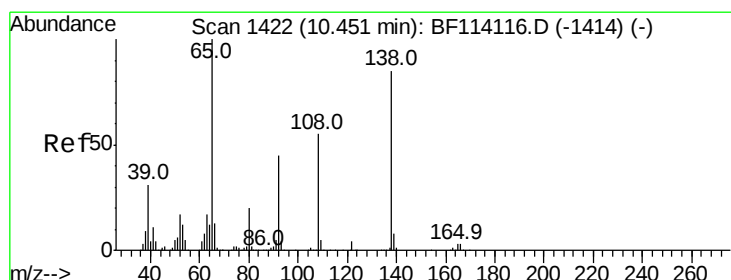
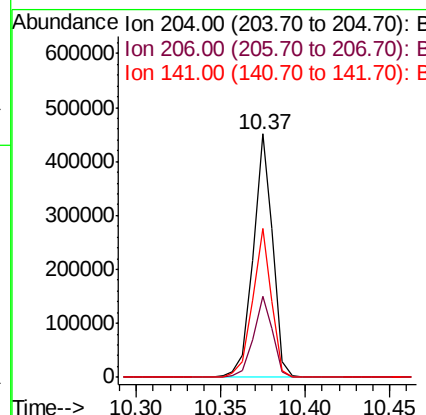
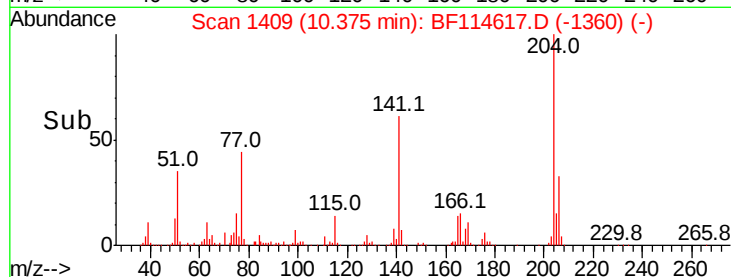
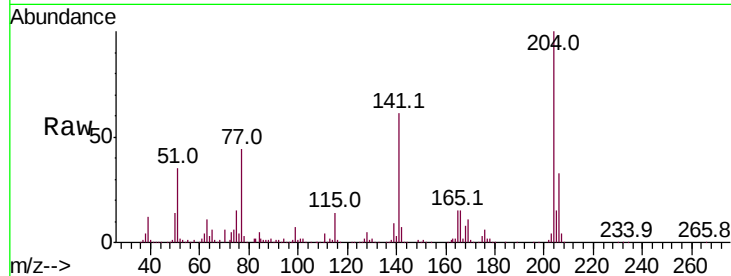
#61
 4-Chlorophenyl-phenylether
 Concen: 43.398 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion:	204	Resp:	364150
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	39.8
141	60.9	46.4	69.6

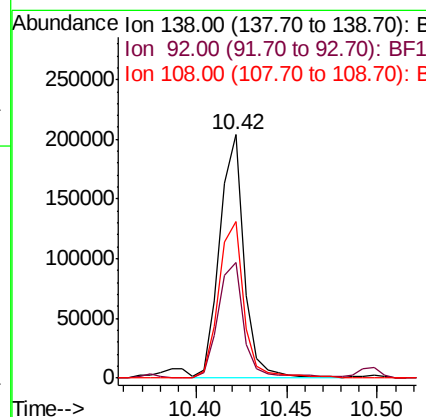
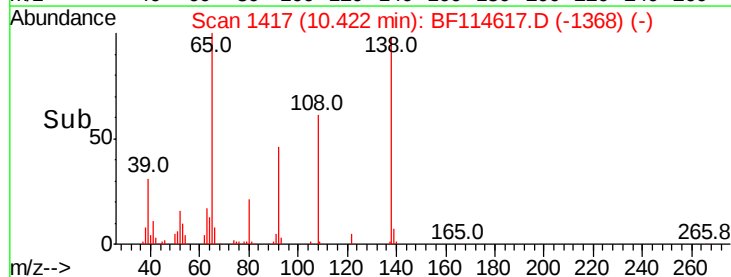
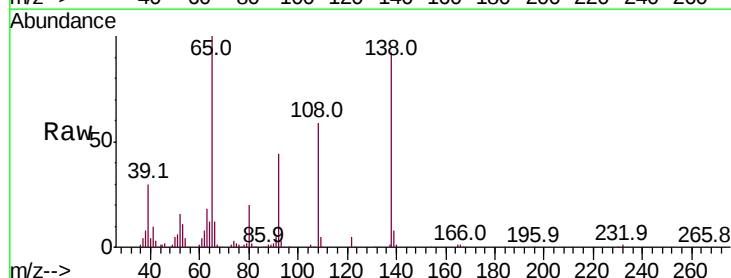
Manual Integrations
 APPROVED

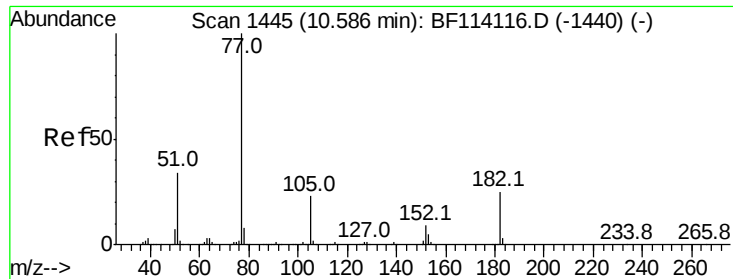
mohammad
 5/27/2019 3:50:19 AM



#62
 4-Nitroaniline
 Concen: 35.922 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion:	138	Resp:	189649
Ion Ratio	Lower	Upper	
138	100		
92	47.5	33.0	73.0
108	64.3	44.9	84.9





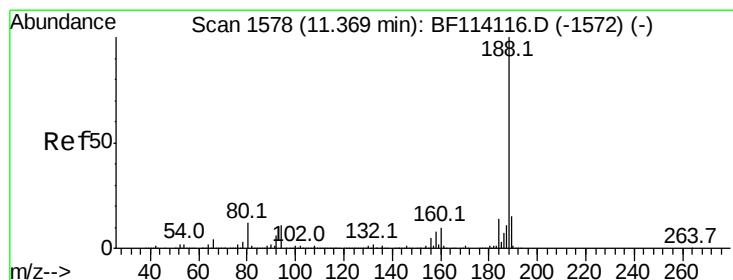
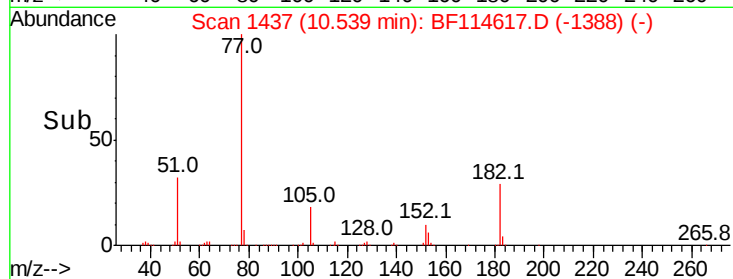
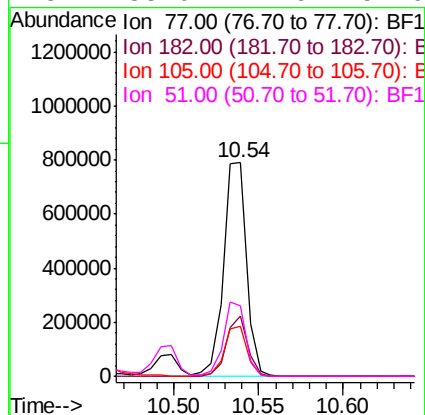
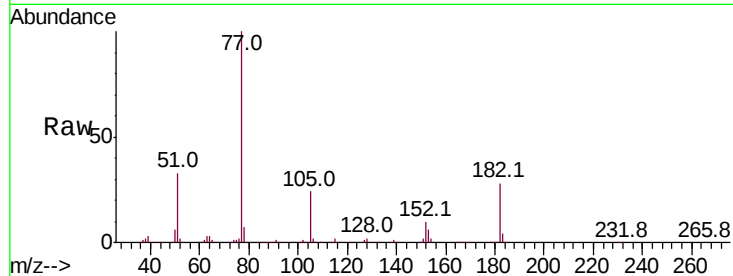
#63
Azobenzene
Concen: 41.679 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.7	44.7
105	23.5	2.9	42.9
51	33.0	14.6	54.6

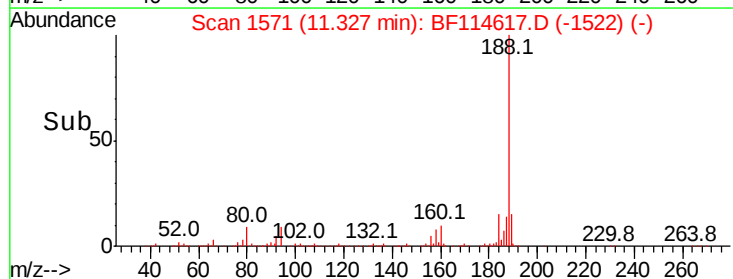
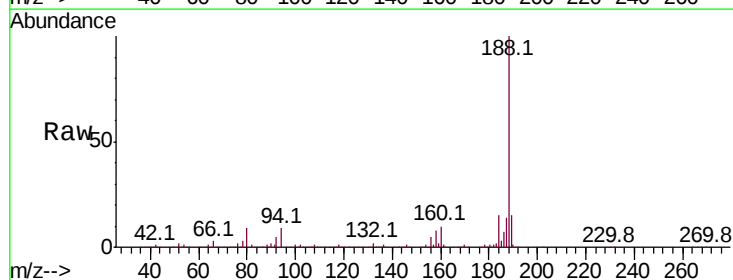
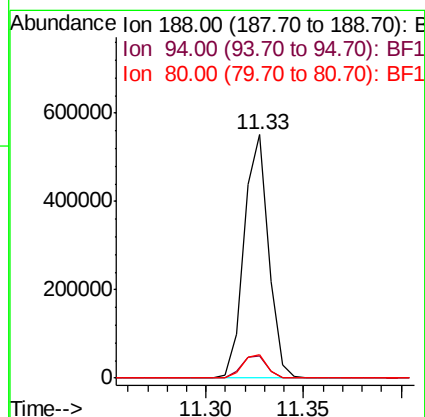
Manual Integrations
APPROVED

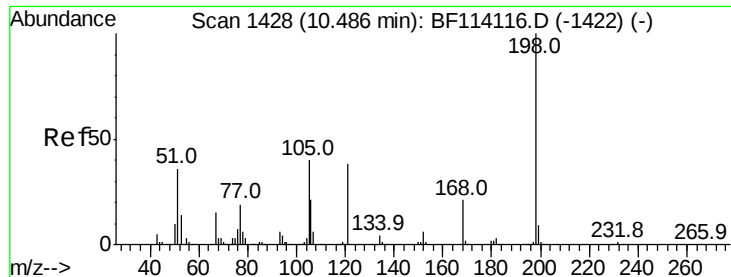
mohammad
5/27/2019 3:50:19 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.4	12.6
80	9.4	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 42.583 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

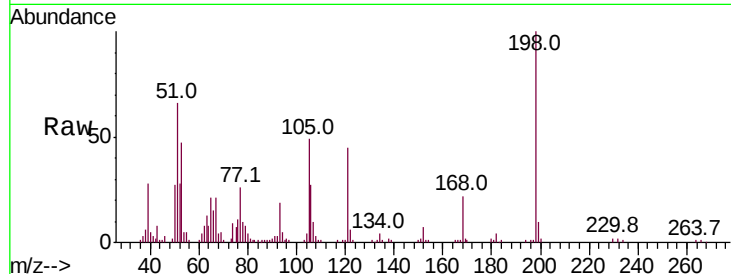
ClientSampleId :

PB119929BS

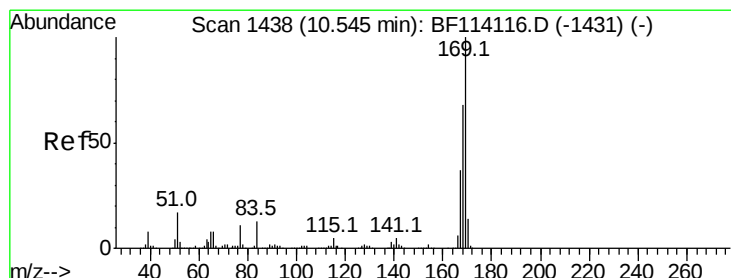
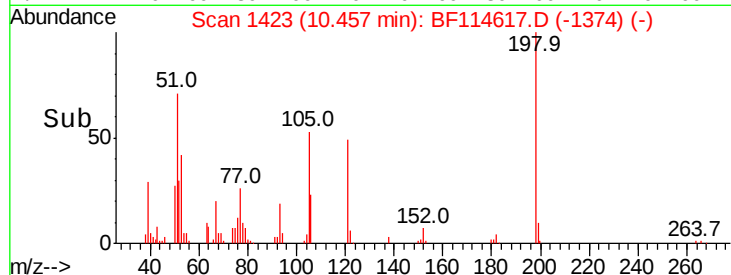
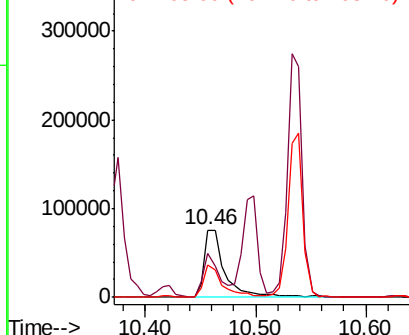
Tot Ion:	198	Resp:	97874
Ion Ratio	Lower	Upper	
198	100		
51	65.9	28.0	68.0
105	48.6	21.1	61.1

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



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: 46.825 ng

RT: 10.50 min Scan# 1430

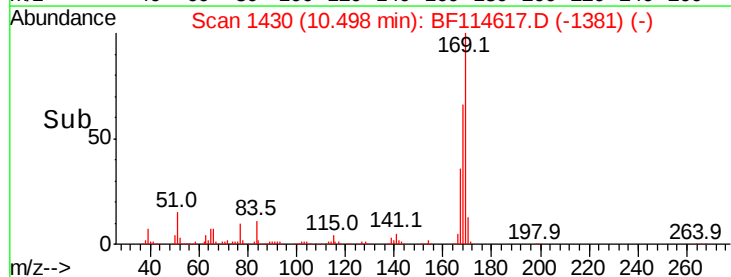
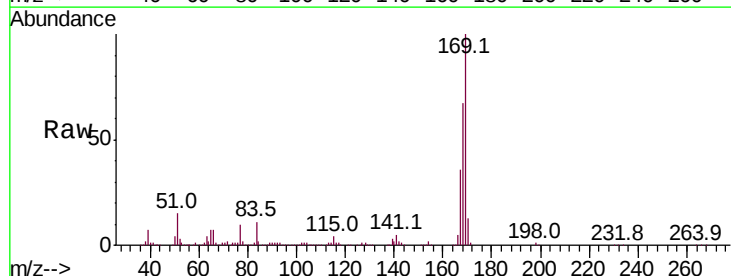
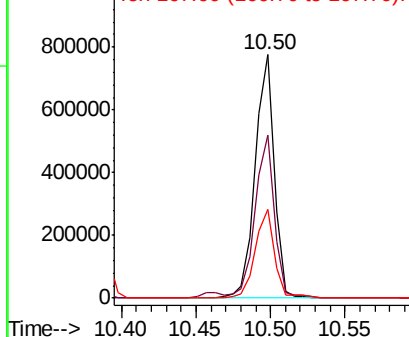
Delta R.T. -0.01 min

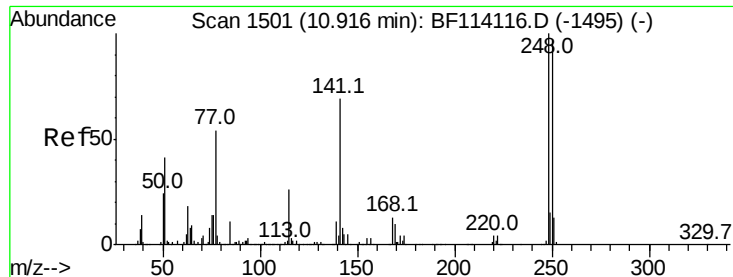
Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	169	Resp:	679779
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.3	29.8	44.8

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: 43.226 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

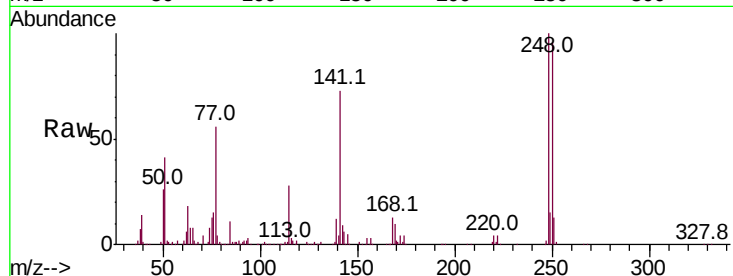
ClientSampleId :

PB119929BS

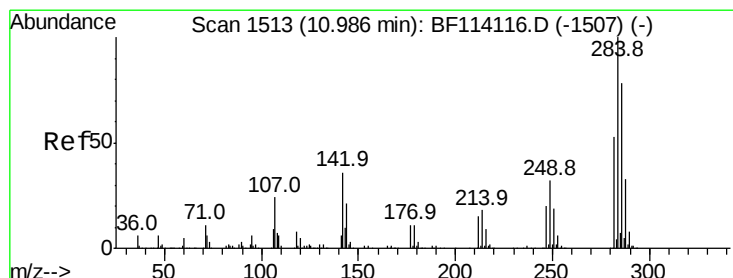
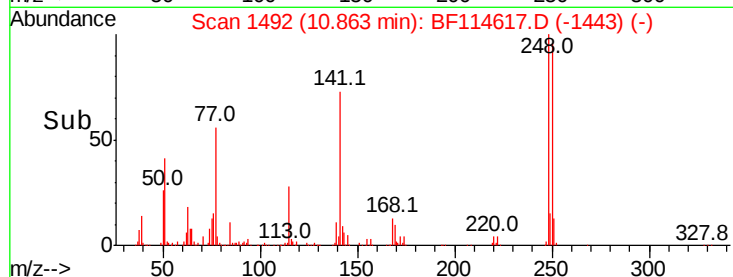
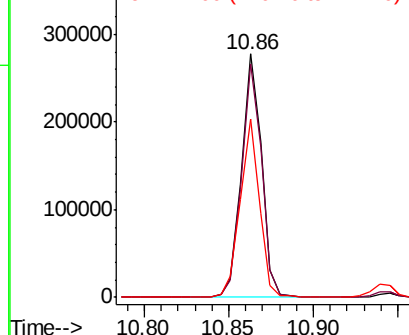
Tot Ion:	248	Resp:	227653
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.4	116.2
141	73.2	55.6	83.4

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



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: 41.871 ng

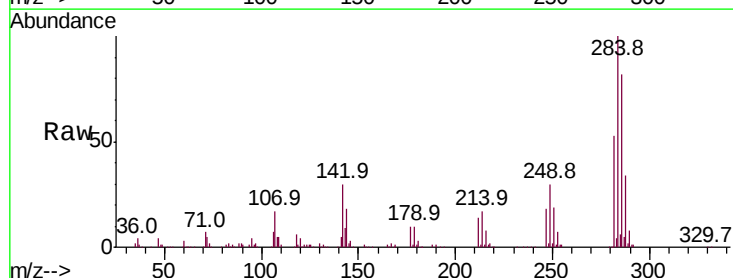
RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

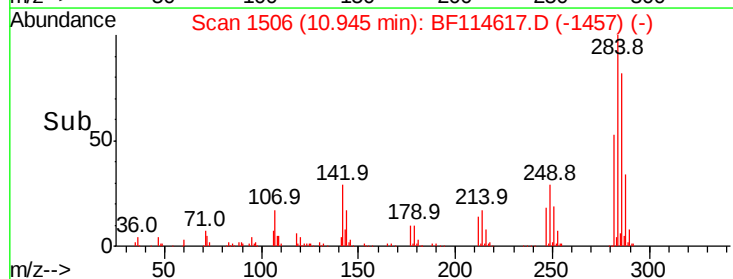
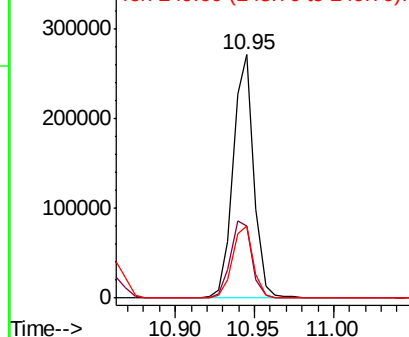
Lab File: BF114617.D

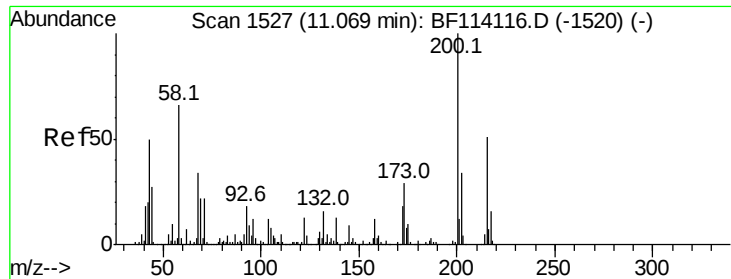
Acq: 25 May 2019 21:08

Tgt Ion:	284	Resp:	243951
Ion Ratio	Lower	Upper	
284	100		
142	29.5	28.4	42.6
249	29.6	25.2	37.8



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





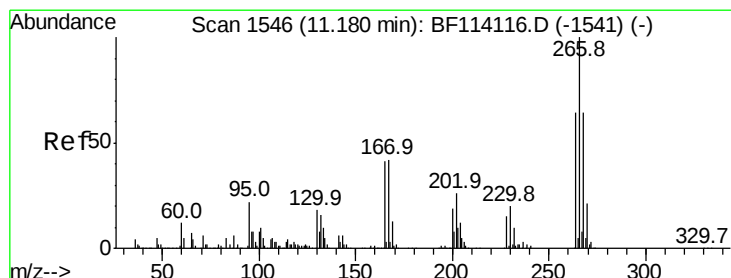
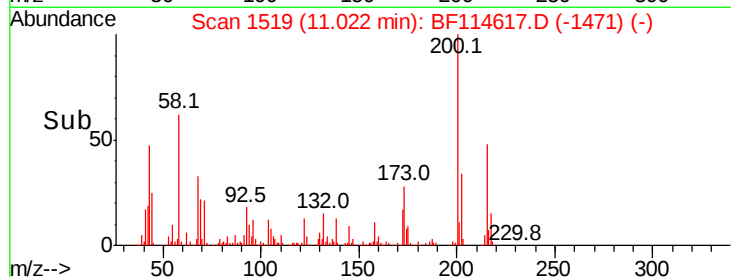
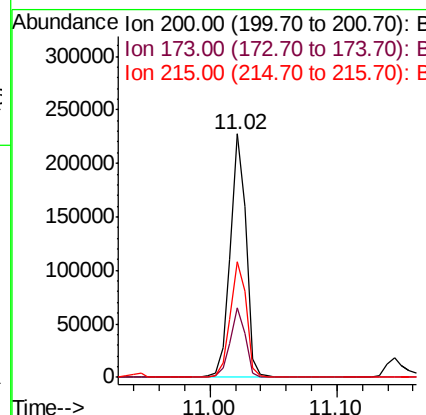
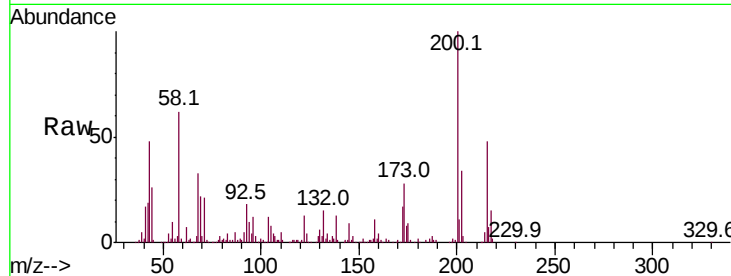
#69
 Atrazine
 Concen: 43.322 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	195719		
173	28.4	8.9	48.9	
215	47.7	30.7	70.7	

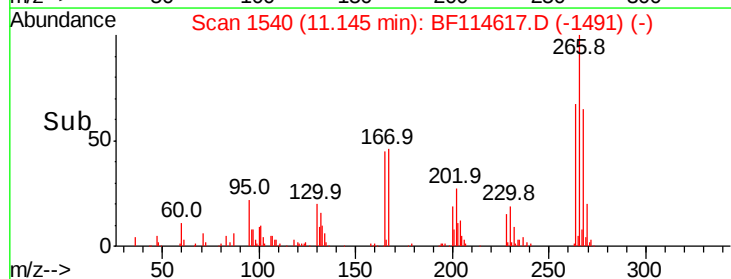
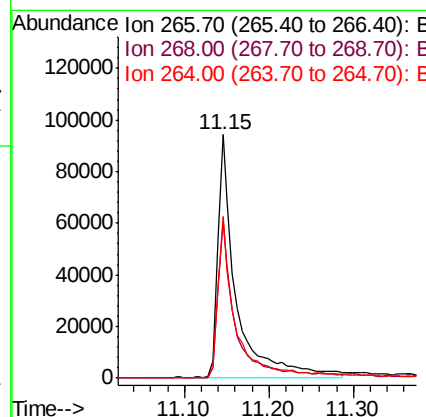
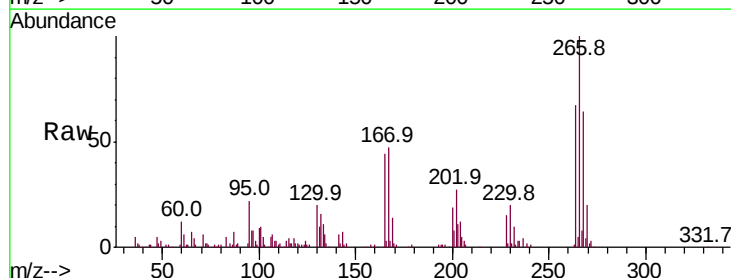
Manual Integrations
 APPROVED

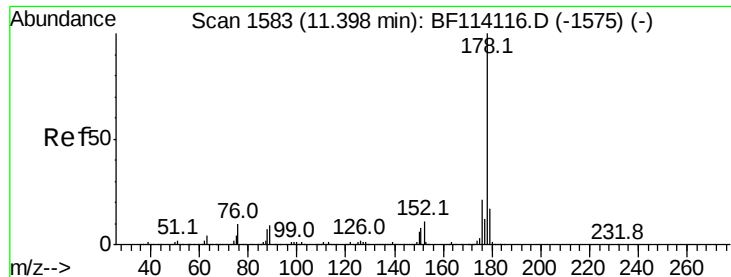
mohammad
 5/27/2019 3:50:19 AM



#70
 Pentachlorophenol
 Concen: 53.126 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	146728		
268	64.5	51.1	76.7	
264	66.7	51.1	76.7	





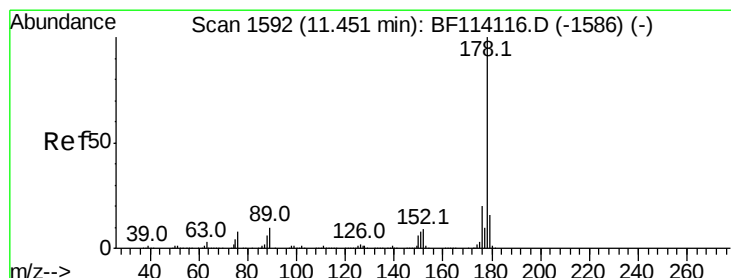
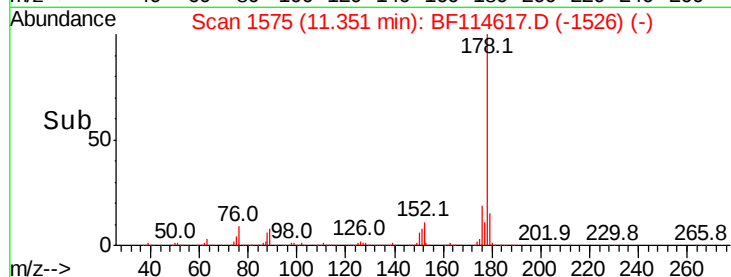
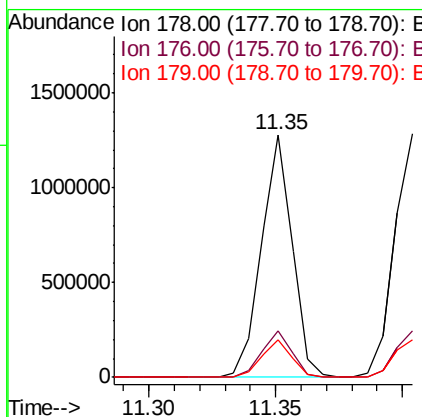
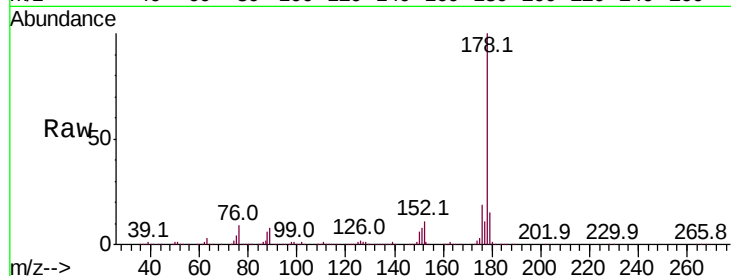
#71
Phenanthrene
Concen: 46.676 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.2	13.2	19.8

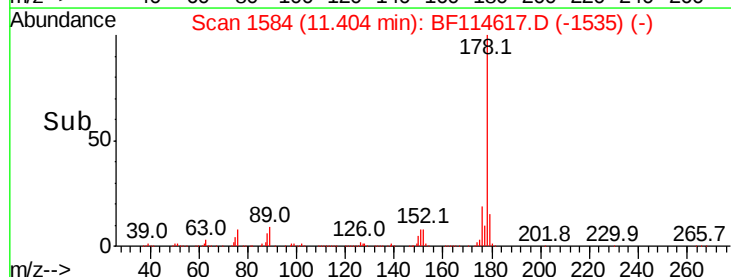
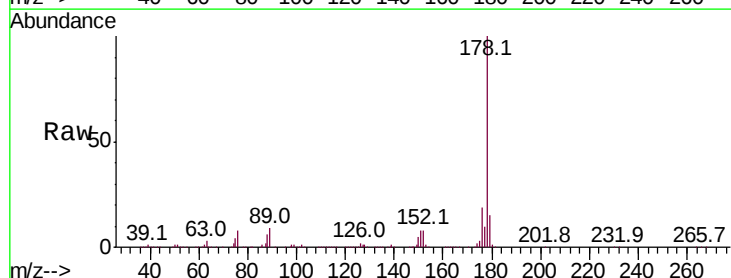
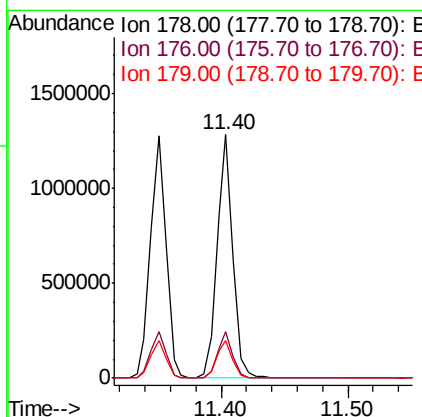
Manual Integrations
APPROVED

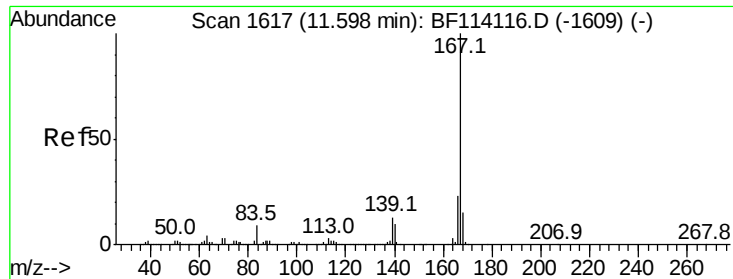
mohammad
5/27/2019 3:50:19 AM



#72
Anthracene
Concen: 47.754 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.4





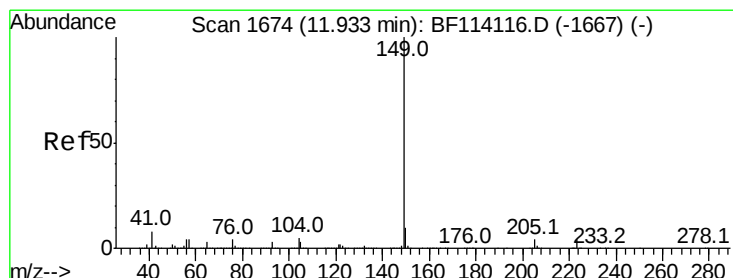
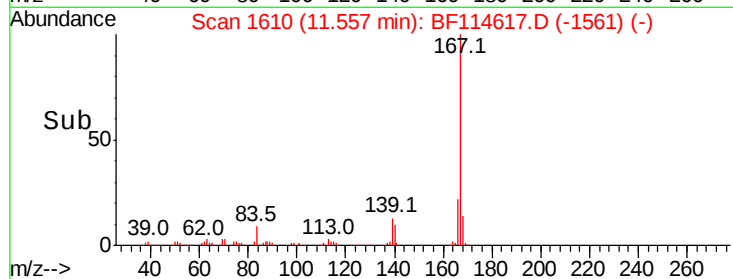
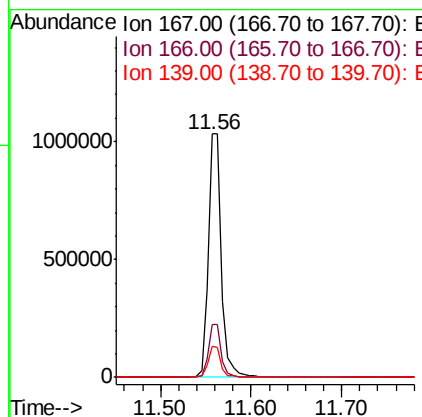
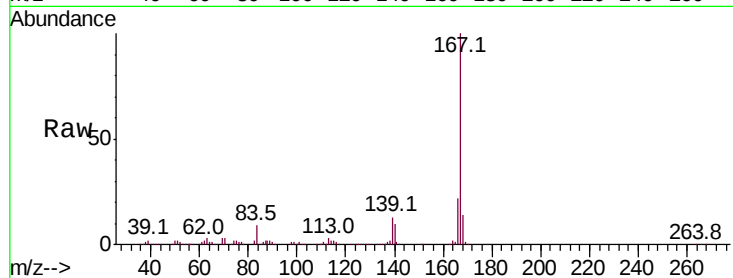
#73
 Carbazole
 Concen: 47.120 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampled :
 PB119929BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.9	10.6	16.0

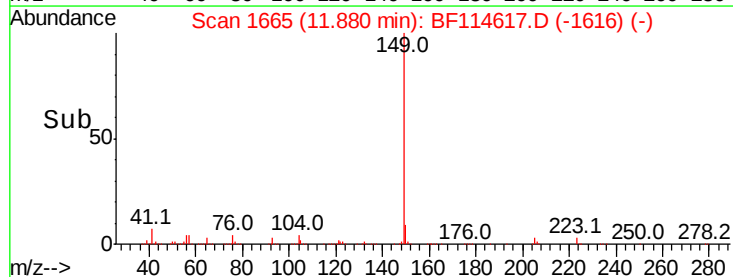
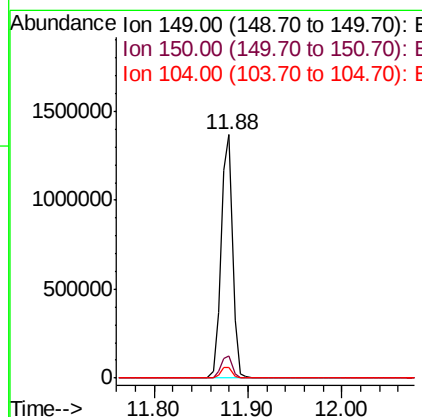
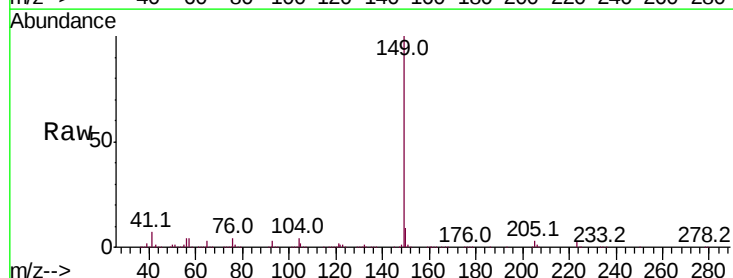
Manual Integrations
 APPROVED

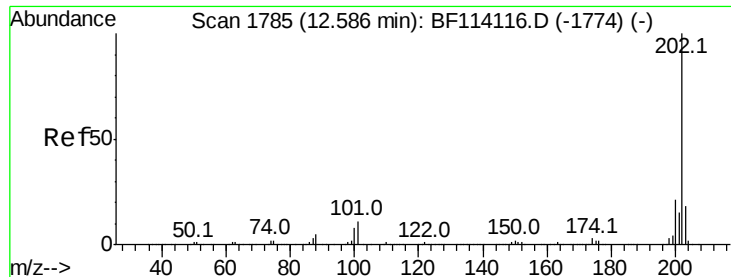
mohammad
 5/27/2019 3:50:19 AM



#74
 Di-n-butylphthalate
 Concen: 45.685 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.3	3.6	5.4





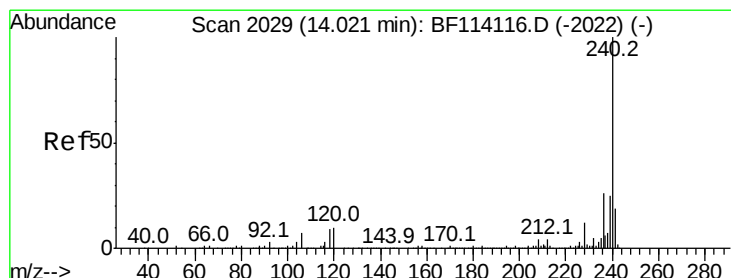
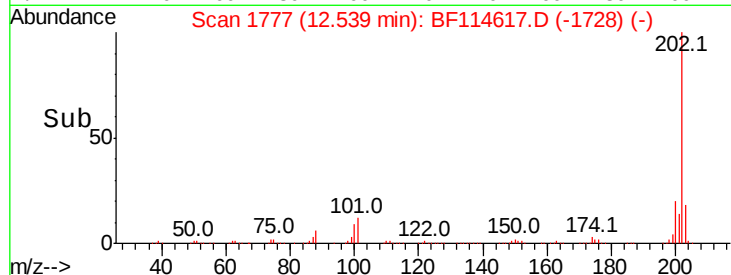
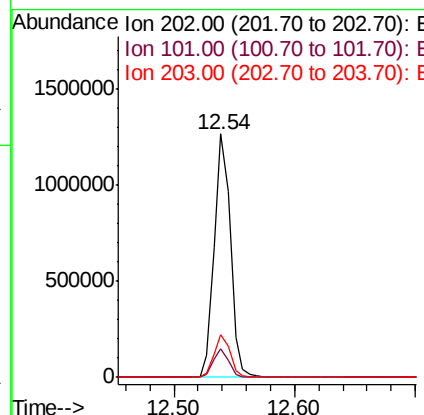
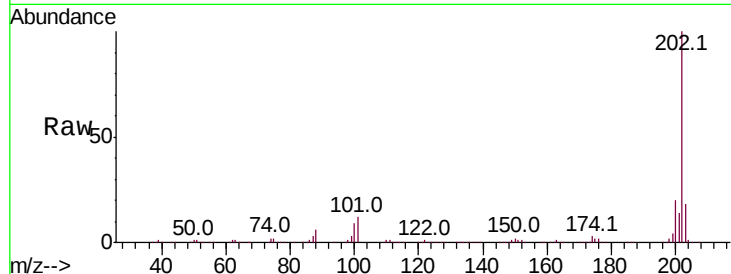
#75
Fluoranthene
 Concen: 46.572 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1167111		
101	11.6	0.0	31.0	
203	17.8	0.0	38.4	

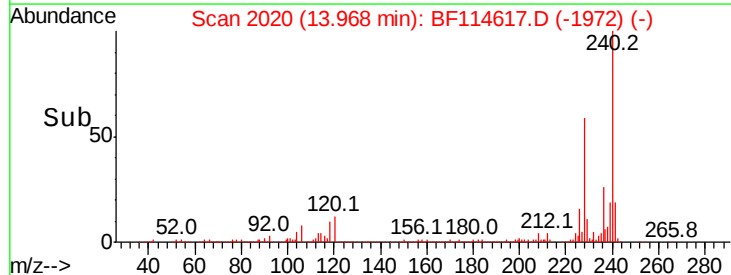
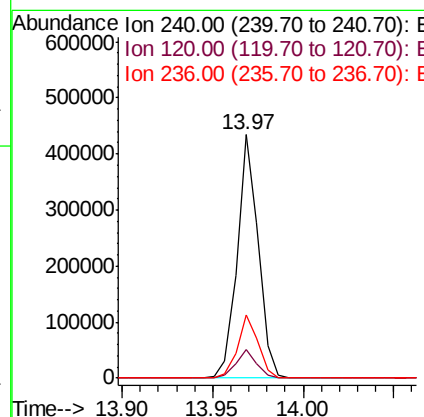
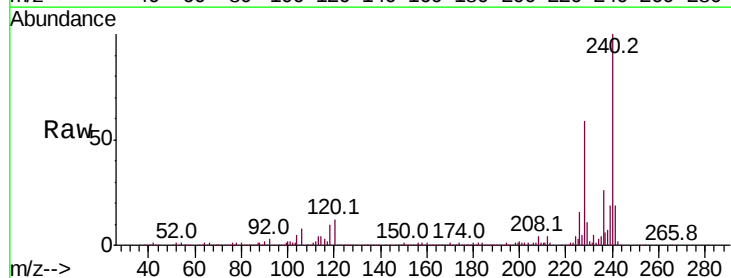
Manual Integrations
 APPROVED

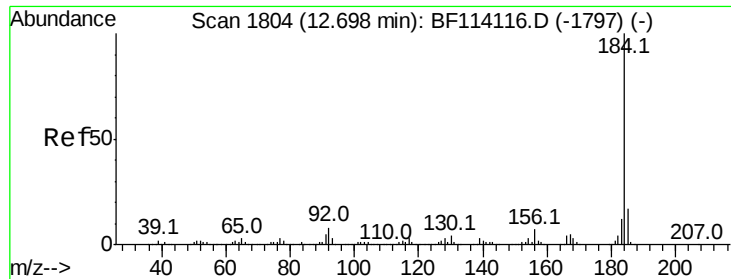
mohammad
 5/27/2019 3:50:19 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	350782		
120	11.6	8.3	12.5	
236	25.7	20.8	31.2	





#77

Benzidine

Concen: 36.825 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

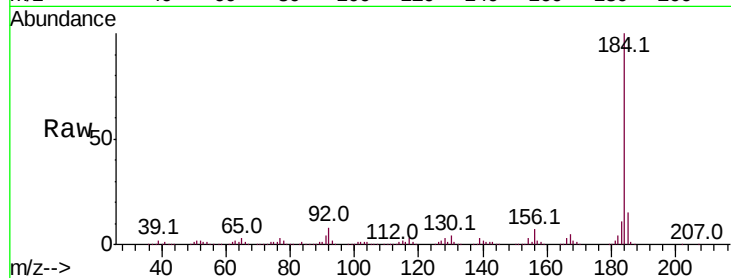
ClientSampleId :

PB119929BS

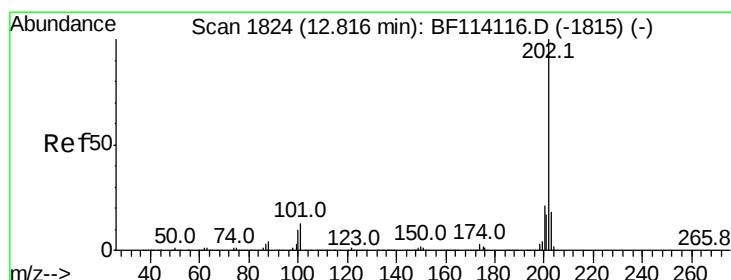
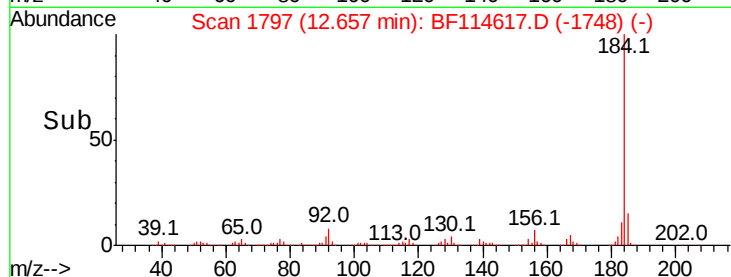
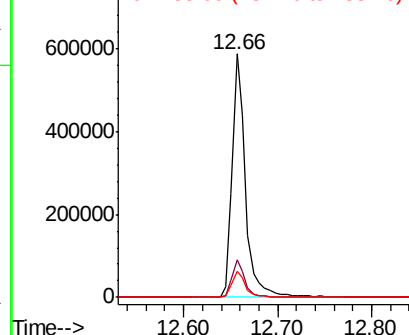
Tot Ion:	184	Resp:	579847
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.6	20.4
183	10.8	9.2	13.8

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.896 ng

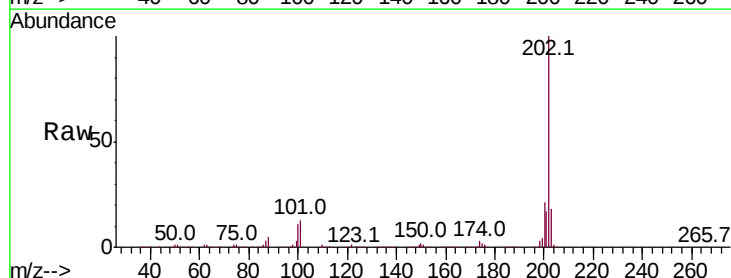
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

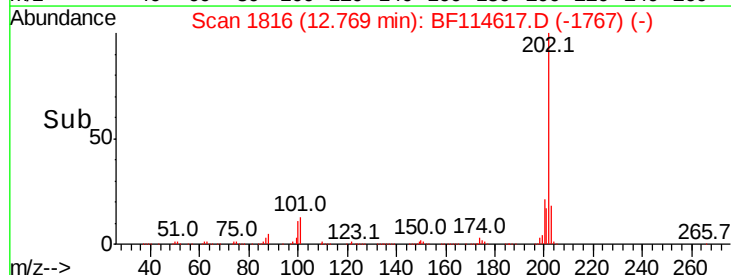
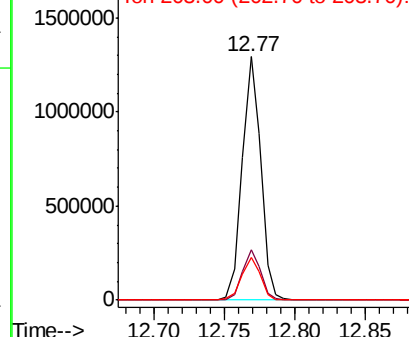
Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:	202	Resp:	1182244
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	17.7	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





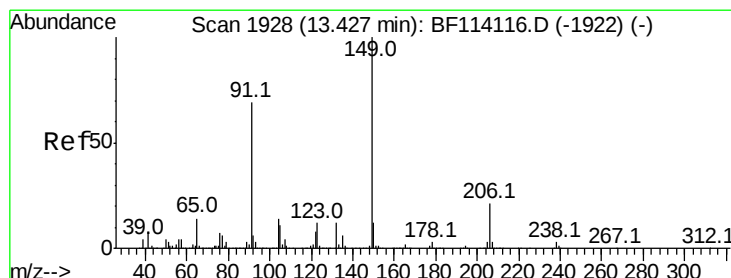
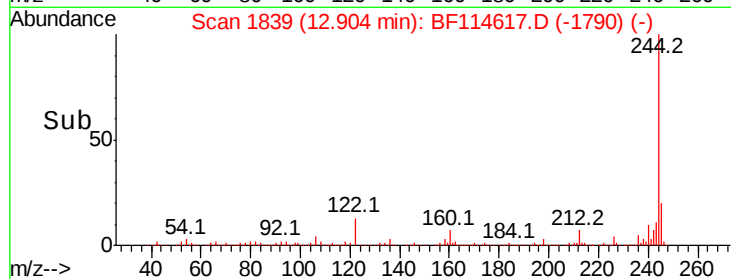
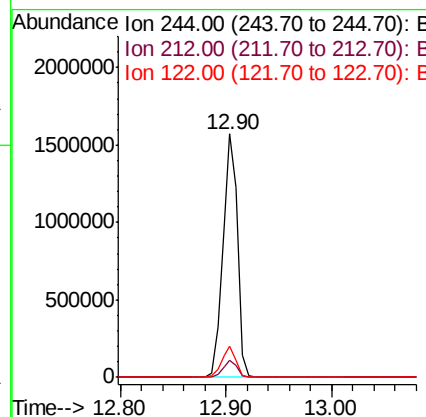
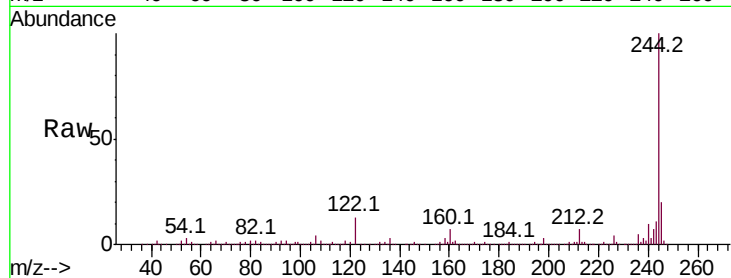
#79
 Terphenyl-d14
 Concen: 89.795 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.8	9.4	14.2

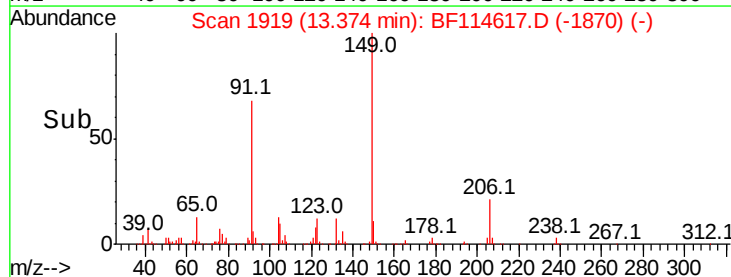
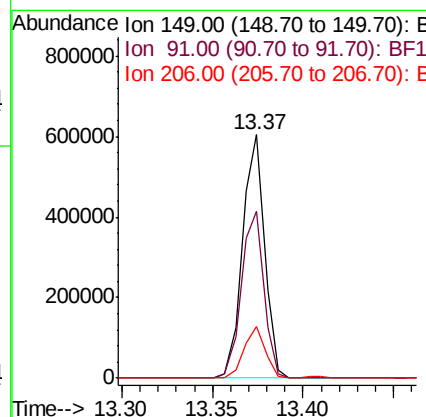
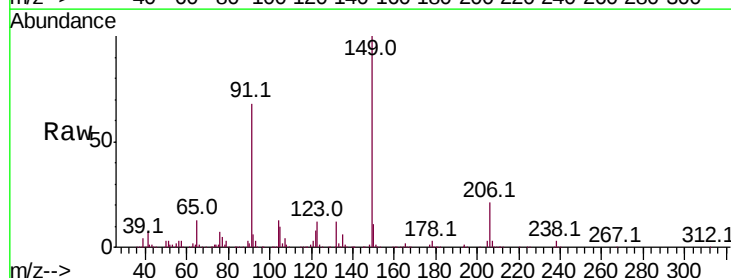
Manual Integrations
 APPROVED

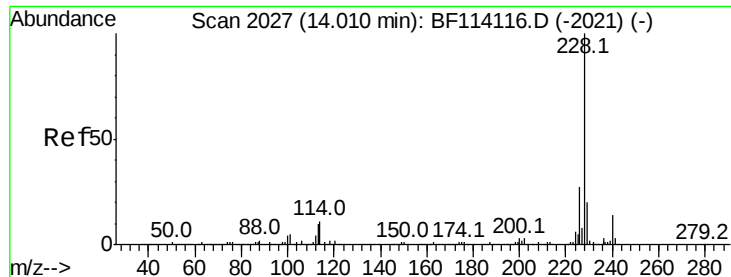
mohammad
 5/27/2019 3:50:19 AM



#80
 Butylbenzylphthalate
 Concen: 43.100 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	55.0	82.4
206	21.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.452 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

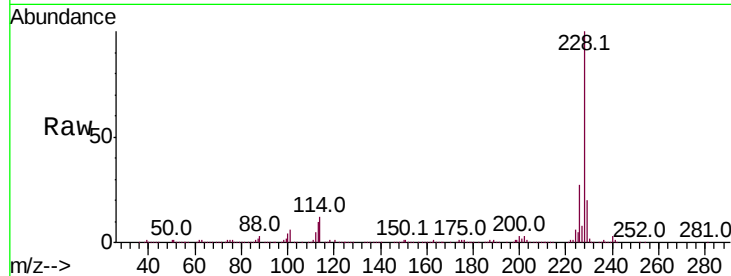
ClientSampleId :

PB119929BS

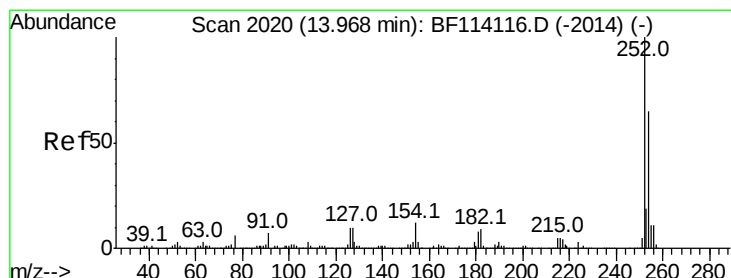
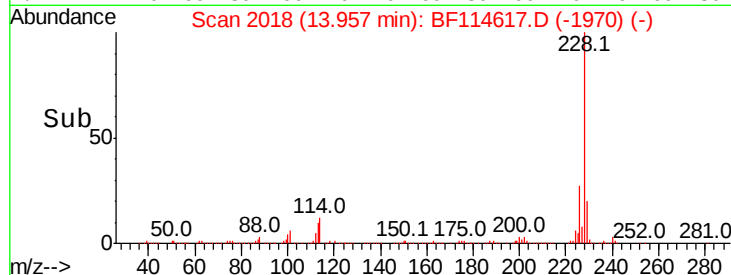
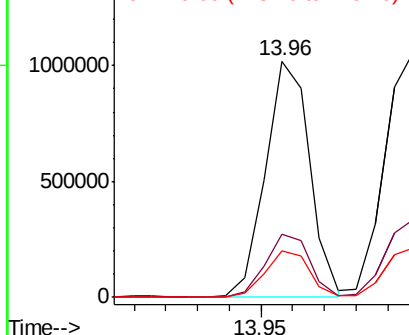
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	26.9	22.2	33.2		
229	19.9	16.4	24.6		

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.538 ng

RT: 13.92 min Scan# 2011

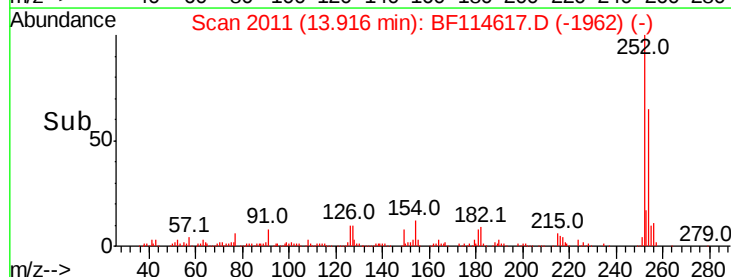
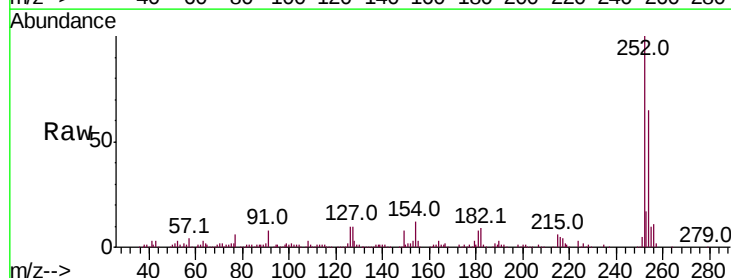
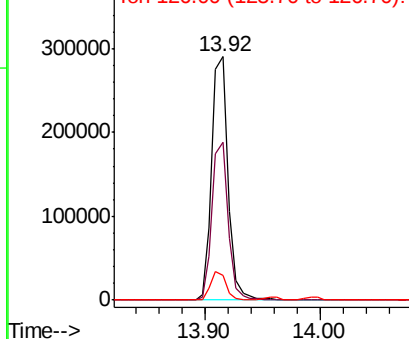
Delta R.T. -0.01 min

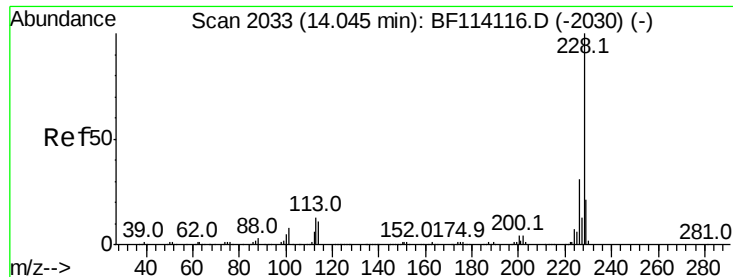
Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.7	51.9	77.9		
126	10.1	7.9	11.9		

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





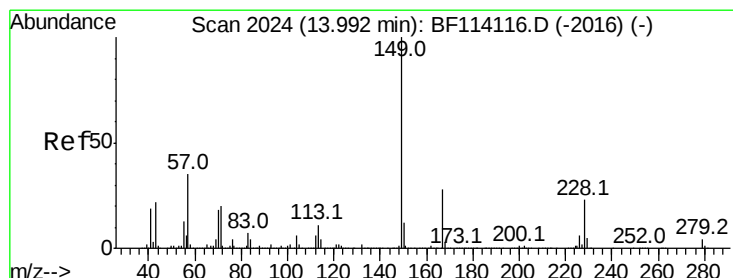
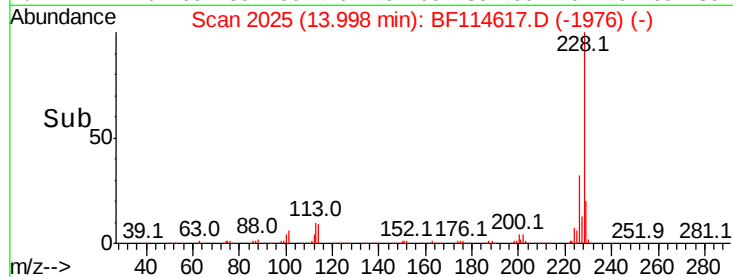
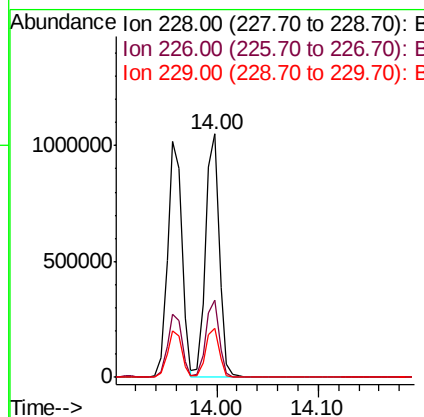
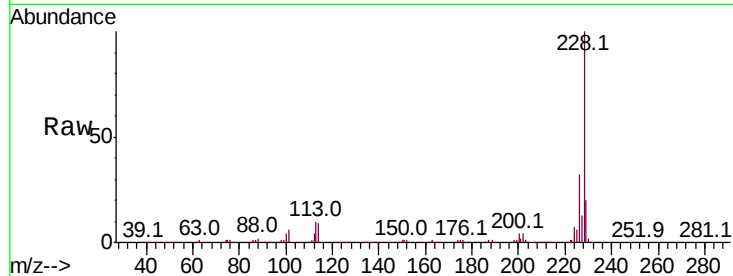
#83
 Chrvsene
 Concen: 44.280 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampled :
 PB119929BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	984835		
226	31.5	25.0	37.6	
229	20.1	17.0	25.6	

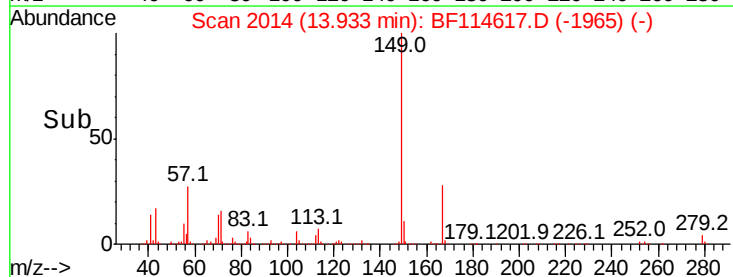
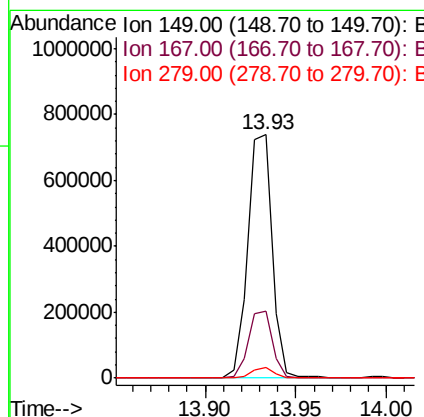
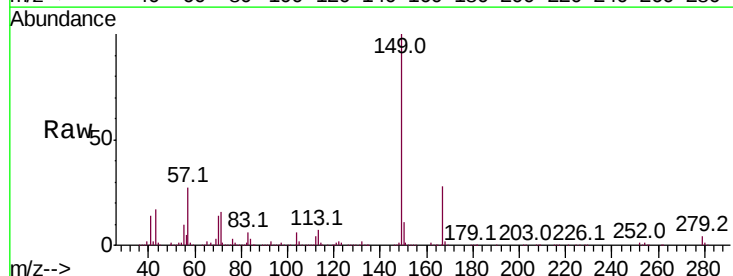
Manual Integrations
 APPROVED

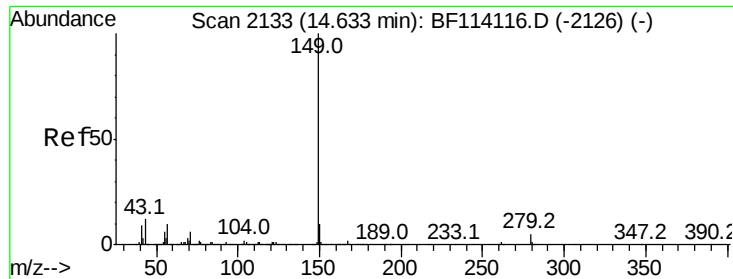
mohammad
 5/27/2019 3:50:19 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.356 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	689030		
167	27.5	22.6	33.8	
279	4.3	3.0	4.6	





#85

Di-n-octyl phthalate

Concen: 45.736 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion:149 Resp: 1151725

Ion Ratio Lower Upper

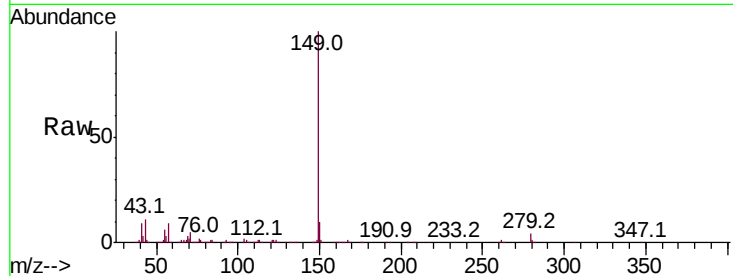
149 100

167 1.5 1.3 1.9

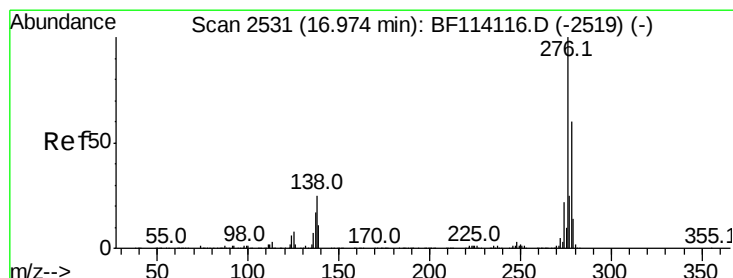
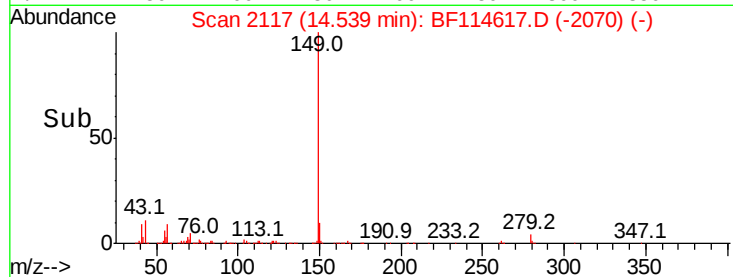
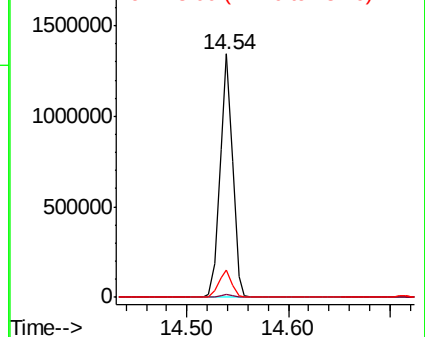
43 11.6 10.1 15.1

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



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: 46.319 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

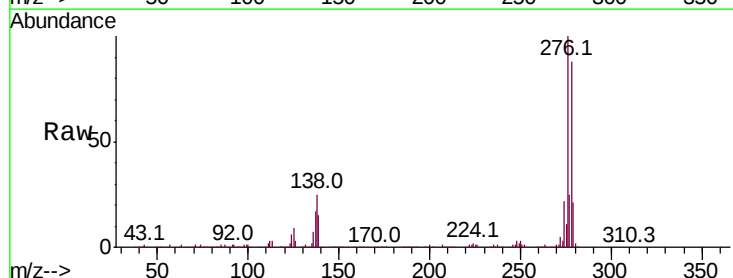
Tgt Ion:276 Resp: 910460

Ion Ratio Lower Upper

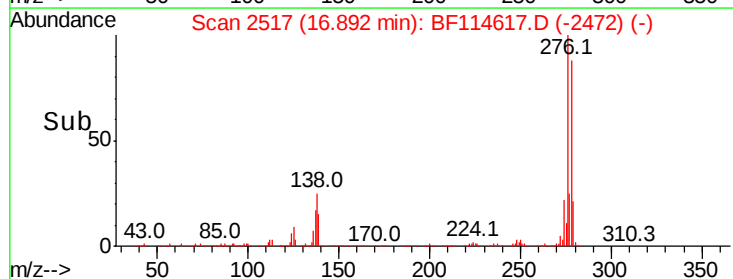
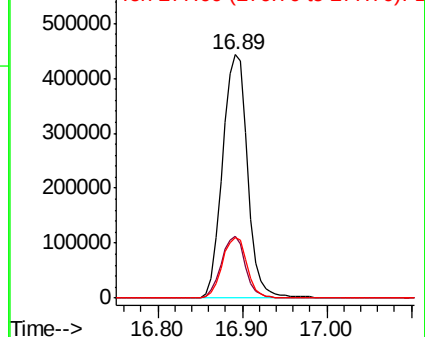
276 100

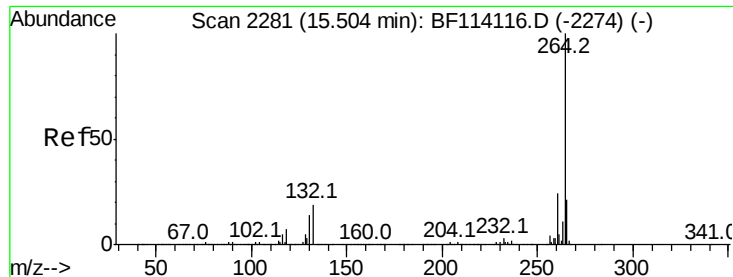
138 24.7 20.2 30.2

277 25.0 20.0 30.0



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





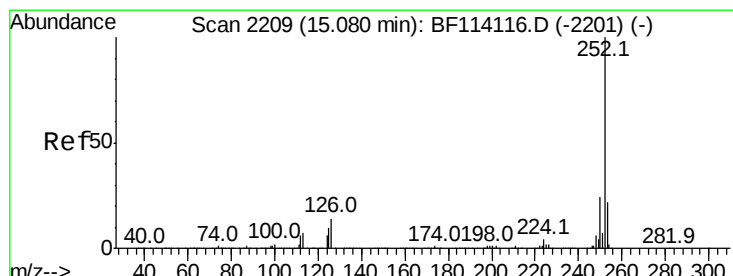
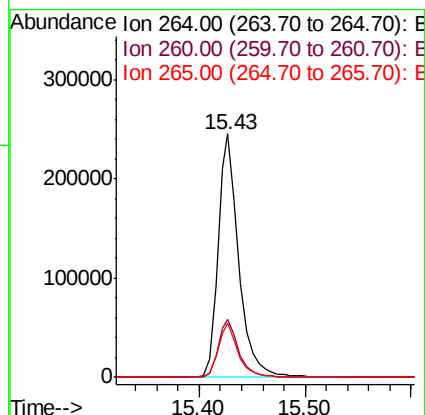
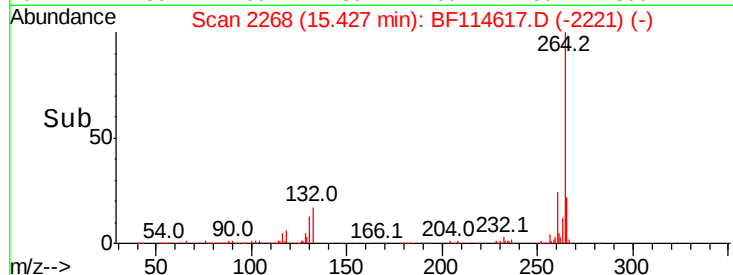
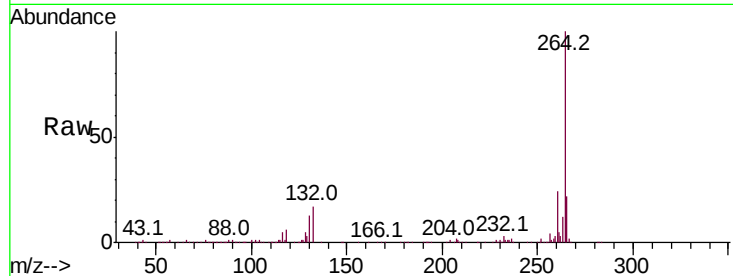
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:	264	Resp:	335688
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.0
265	22.4	16.9	25.3

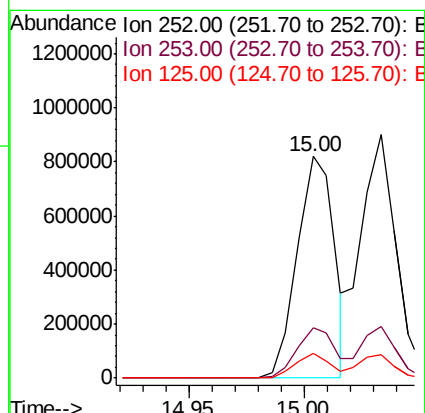
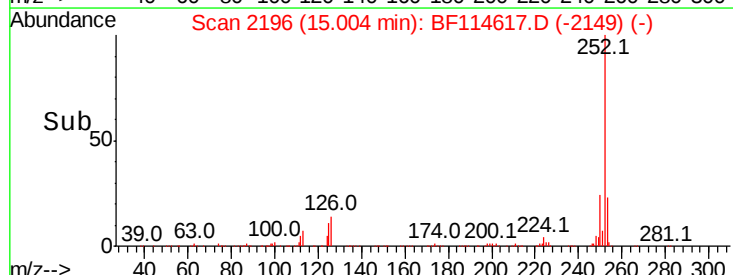
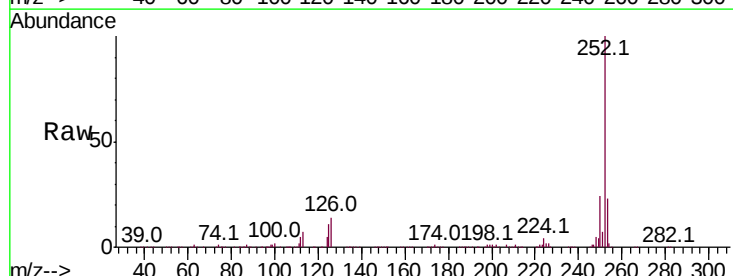
Manual Integrations
APPROVED

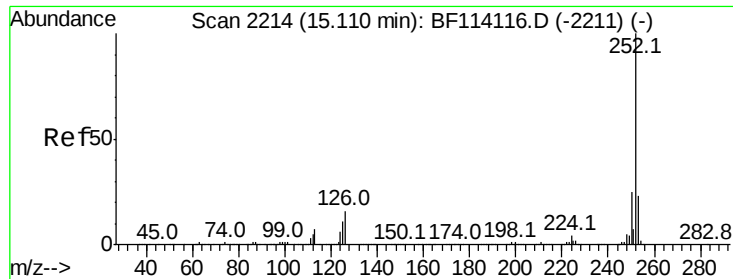
mohammad
5/27/2019 3:50:19 AM



#88
Benzo(b)fluoranthene
Concen: 42.591 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:	252	Resp:	915970
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	10.9	8.3	12.5





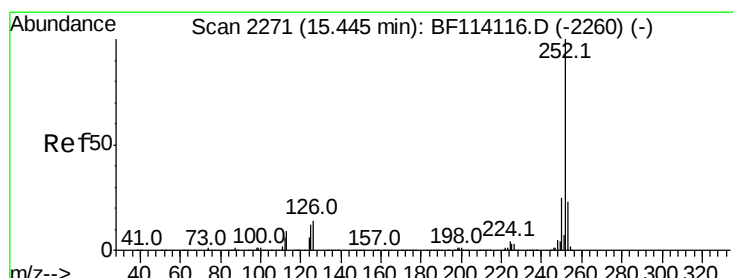
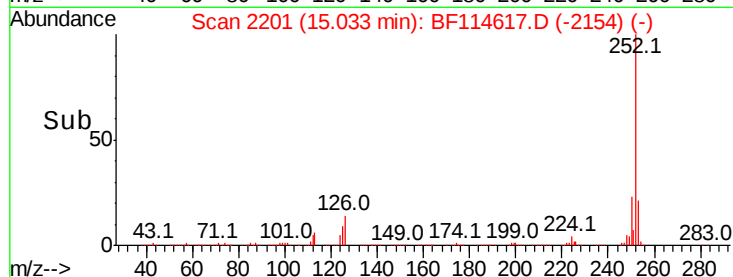
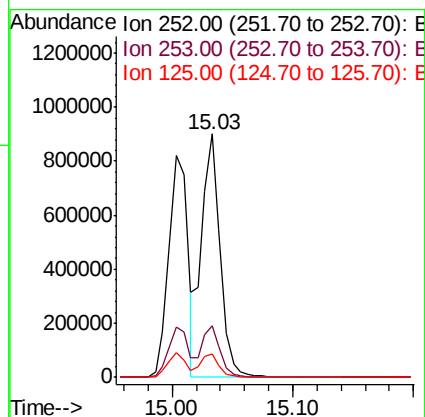
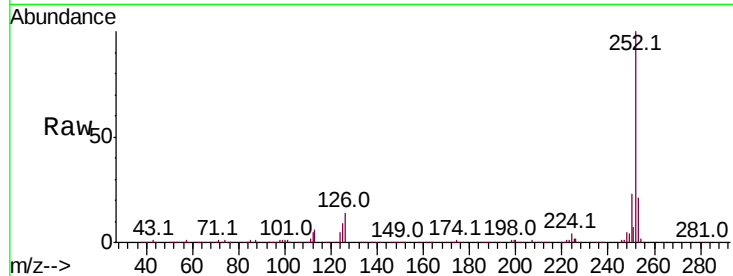
#89
Benzo(k)fluoranthene
Concen: 48.824 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	9.4	8.6	13.0

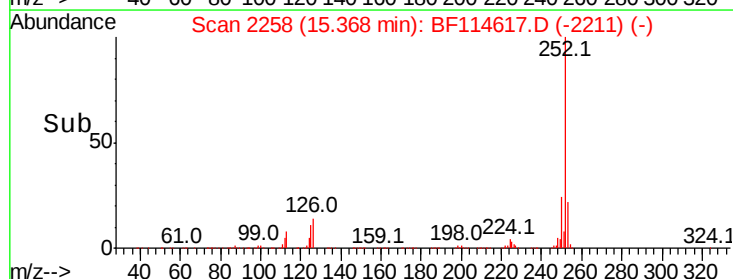
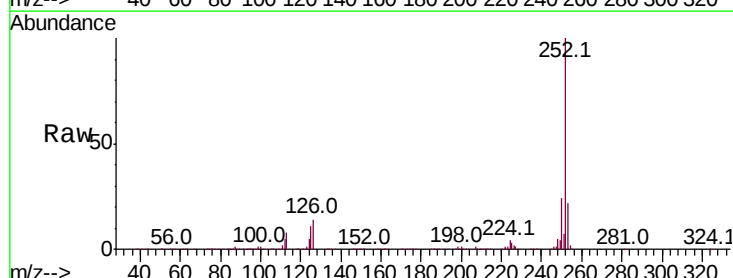
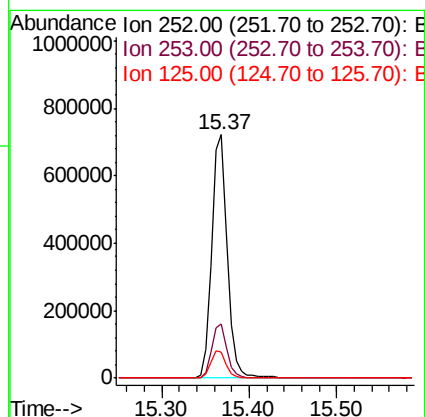
Manual Integrations
APPROVED

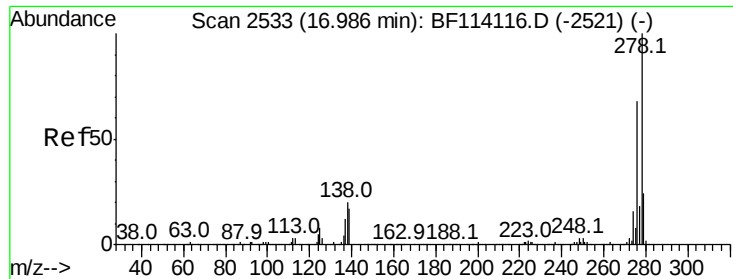
mohammad
5/27/2019 3:50:19 AM



#90
Benzo(a)pyrene
Concen: 47.309 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.6	9.5	14.3





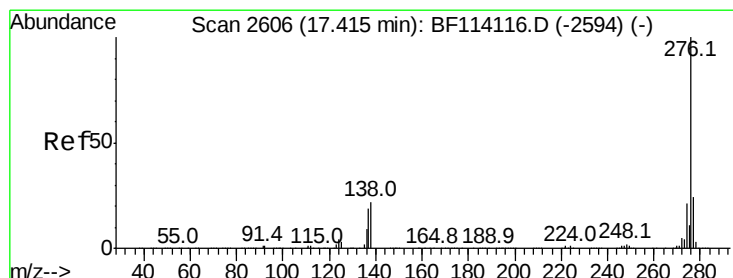
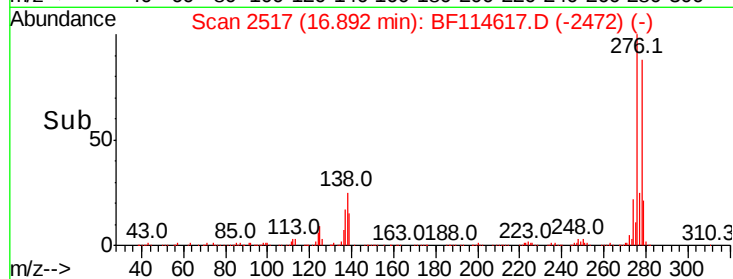
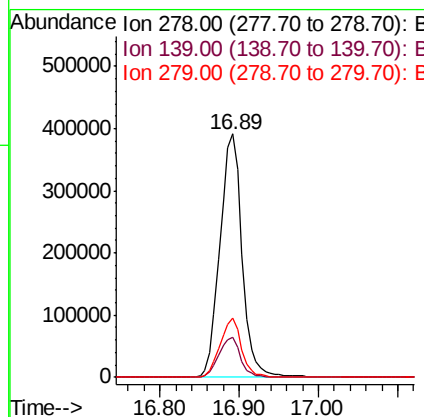
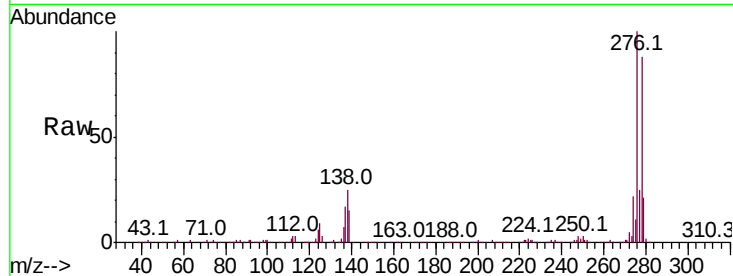
#91
Dibenzo(a,h)anthracene
Concen: 48.227 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.5	20.3
279	24.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:19 AM



#92
Benzo(g,h,i)perylene
Concen: 49.972 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.7	17.8	26.6

