

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114934.D
 Acq On : 10 Jun 2019 16:52
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:14:04 AM

Quant Time: Jun 10 18:18:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	308980	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1271600	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	638096	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1280650	20.00	ng	0.00
76) Chrysene-d12	13.79	240	792418	20.00	ng	0.00
87) Perylene-d12	15.16	264	1021251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1521502	83.34	ng	0.00
7) Phenol-d6	6.30	99	1852325	84.12	ng	0.00
23) Nitrobenzene-d5	7.23	82	1709061	82.58	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	573270	82.59	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3008789	74.83	ng	0.00
79) Terphenyl-d14	12.74	244	3122187	78.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	363723	41.984	ng	99
3) Pyridine	2.96	79	1007118	41.762	ng	99
4) n-Nitrosodimethylamine	2.90	42	353499	40.810	ng	100
6) Aniline	6.32	93	1248740	41.863	ng	92
8) 2-Chlorophenol	6.45	128	875128	42.000	ng	98
9) Benzaldehyde	6.20	77	544782	38.653	ng	99
10) Phenol	6.32	94	1022963	41.660	ng	100
11) bis(2-Chloroethyl)ether	6.40	93	818045	41.801	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1009784	41.757	ng	98
13) 1,4-Dichlorobenzene	6.67	146	1012147	41.738	ng	98
14) 1,2-Dichlorobenzene	6.83	146	945033	42.936	ng	97
15) Benzyl Alcohol	6.81	79	686307	43.191	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1130830	42.015	ng	100
17) 2-Methylphenol	6.93	107	726355	41.633	ng	99
18) Hexachloroethane	7.17	117	373385	41.781	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	559763	40.650	ng	98
20) 3+4-Methylphenols	7.08	107	828390m	42.407	ng	
22) Acetophenone	7.07	105	1165056	40.931	ng	99
24) Nitrobenzene	7.25	77	900627	41.832	ng	96
25) Isophorone	7.49	82	1633014	40.294	ng	99
26) 2-Nitrophenol	7.56	139	500751	41.865	ng	94
27) 2,4-Dimethylphenol	7.60	122	726324	41.498	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1068800	41.226	ng	99
29) 2,4-Dichlorophenol	7.80	162	763283	41.643	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	873375	41.519	ng	98
31) Naphthalene	7.96	128	2466601	42.098	ng	99
32) Benzoic acid	7.75	122	599037	45.819	ng	99
33) 4-Chloroaniline	8.02	127	1146199	41.454	ng	98
34) Hexachlorobutadiene	8.09	225	488307	41.388	ng	100
35) Caprolactam	8.40	113	265364	42.979	ng	99
36) 4-Chloro-3-methylphenol	8.50	107	774117	41.581	ng	98
37) 2-Methylnaphthalene	8.65	142	1665493	41.830	ng	100
38) 1-Methylnaphthalene	8.75	142	1585736	42.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	757540	41.292	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114934.D
 Acq On : 10 Jun 2019 16:52
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

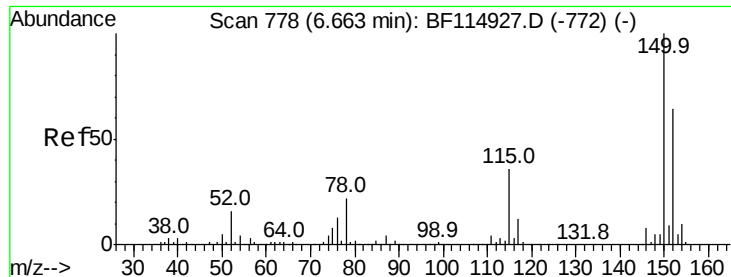
Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:14:04 AM

Quant Time: Jun 10 18:18:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	430673	41.298	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	580966	41.703	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	598543	41.669	nq	97
46) 1,1'-Biphenyl	9.12	154	1991842	41.724	nq	98
47) 2-Chloronaphthalene	9.14	162	1678147	41.642	nq	99
48) 2-Nitroaniline	9.23	65	512082	41.746	nq	92
49) Acenaphthylene	9.55	152	2496904	42.046	nq	99
50) Dimethylphthalate	9.43	163	1967400	41.023	nq	99
51) 2,6-Dinitrotoluene	9.48	165	457043	41.491	nq	95
52) Acenaphthene	9.73	154	1515033	42.111	nq	99
53) 3-Nitroaniline	9.64	138	553083	41.813	nq	98
54) 2,4-Dinitrophenol	9.75	184	229221	42.044	nq	95
55) Dibenzofuran	9.89	168	2159820	42.055	nq	99
56) 4-Nitrophenol	9.81	139	404943	42.955	nq	95
57) 2,4-Dinitrotoluene	9.88	165	601120	43.172	nq	97
58) Fluorene	10.23	166	1551520	39.191	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	497019	42.801	nq	99
60) Diethylphthalate	10.12	149	1942174	41.667	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	785698	39.643	nq	95
62) 4-Nitroaniline	10.26	138	569710	42.027	nq	99
63) Azobenzene	10.39	77	1696192	41.808	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	300377	41.824	nq	93
66) n-Nitrosodiphenylamine	10.35	169	1527552	40.148	nq	100
67) 4-Bromophenyl-phenylether	10.72	248	569114	41.027	nq	97
68) Hexachlorobenzene	10.79	284	614128	40.091	nq	96
69) Atrazine	10.88	200	505401	39.422	nq	98
70) Pentachlorophenol	10.97	266	363956	42.370	nq	99
71) Phenanthrene	11.19	178	2521792	40.587	nq	99
72) Anthracene	11.24	178	2598799	41.208	nq	100
73) Carbazole	11.39	167	2352098	40.965	nq	99
74) Di-n-butylphthalate	11.74	149	2895636	40.807	nq	99
75) Fluoranthene	12.37	202	2657571	41.352	nq	99
77) Benzidine	12.49	184	1353813	39.039	nq	99
78) Pyrene	12.60	202	2691171	38.995	nq	99
80) Butylbenzylphthalate	13.22	149	1345284	39.568	nq	99
81) Benzo(a)anthracene	13.77	228	2403472	41.020	nq	100
82) 3,3'-Dichlorobenzidine	13.74	252	979405	40.951	nq	99
83) Chrysene	13.82	228	2357357	40.065	nq	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1585101	39.808	nq	100
85) Di-n-octyl phthalate	14.39	149	2929850	40.279	nq	100
86) Indeno(1,2,3-cd)pyrene	16.48	276	2497096	45.144	nq	100
88) Benzo(b)fluoranthene	14.79	252	2565359	38.585	nq	100
89) Benzo(k)fluoranthene	14.82	252	2281557	39.542	nq	99
90) Benzo(a)pyrene	15.12	252	2314965	40.087	nq	100
91) Dibenzo(a,h)anthracene	16.50	278	2025787	41.529	nq	99
92) Benzo(g,h,i)perylene	16.87	276	2008708	41.311	nq	98

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



#1

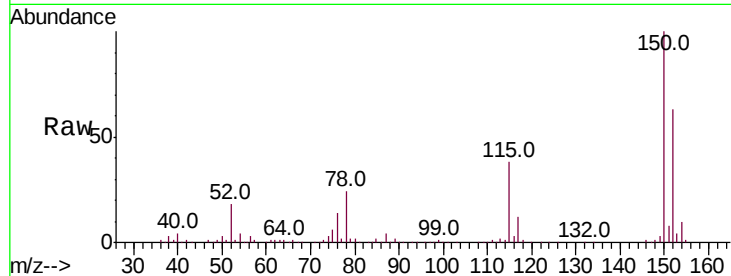
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.2	187.8
115	59.9	45.0	67.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM

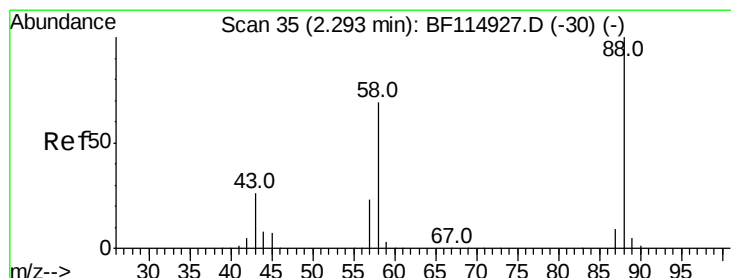
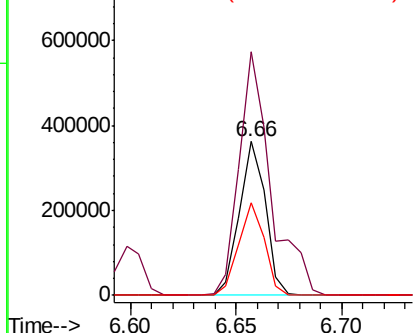
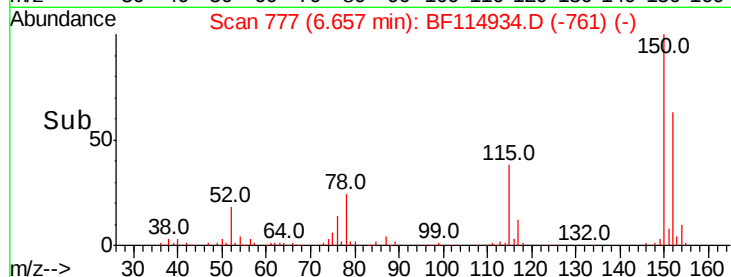


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

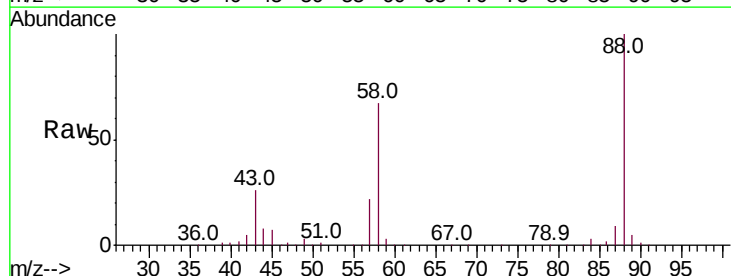
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.984 ng
RT: 2.27 min Scan# 32
Delta R.T. -0.02 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	54.2	81.2
43	25.0	20.6	30.8

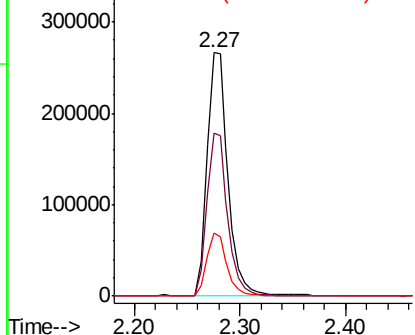
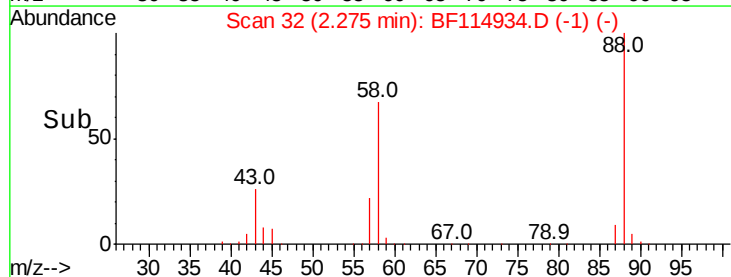


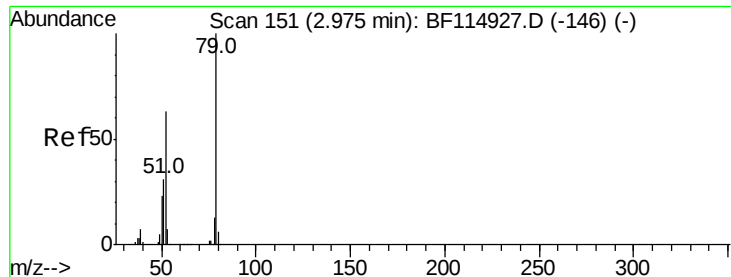
Abundance

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: 41.762 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion: 79 Resp: 1007118

Ion Ratio Lower Upper

79 100

52 63.2 50.2 75.2

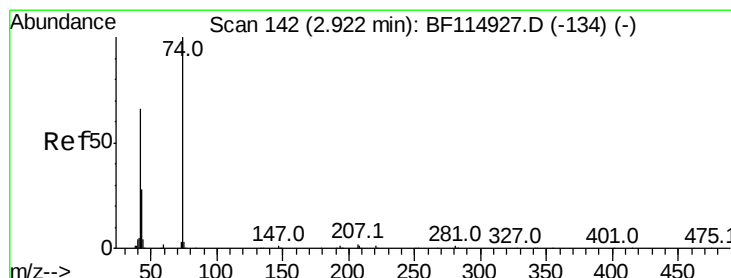
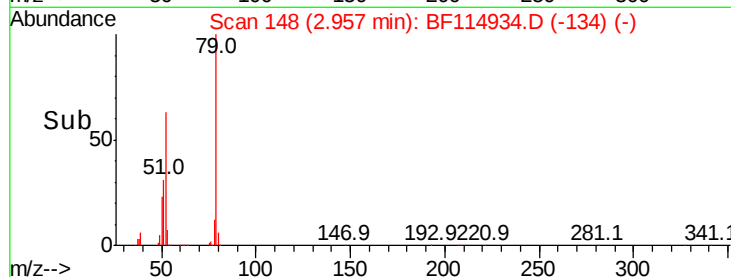
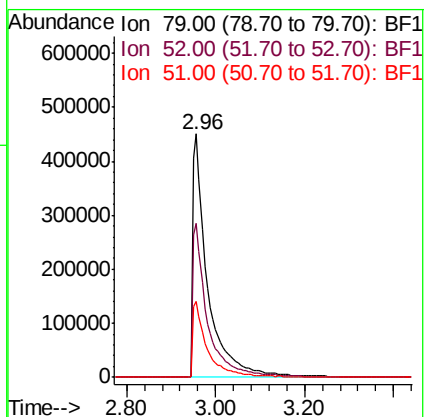
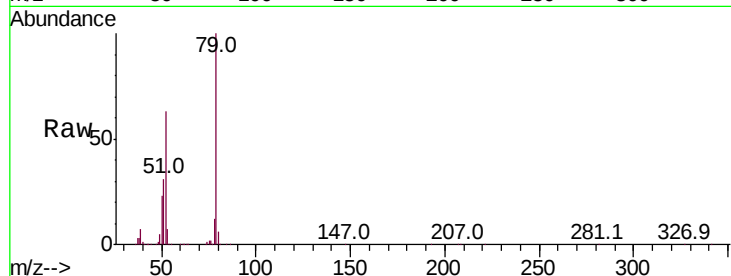
51 31.0 24.6 37.0

Manual Integrations

APPROVED

mohammad

6/12/2019 9:14:04 AM



#4

n-Nitrosodimethylamine

Concen: 40.810 ng

RT: 2.90 min Scan# 138

Delta R.T. -0.02 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

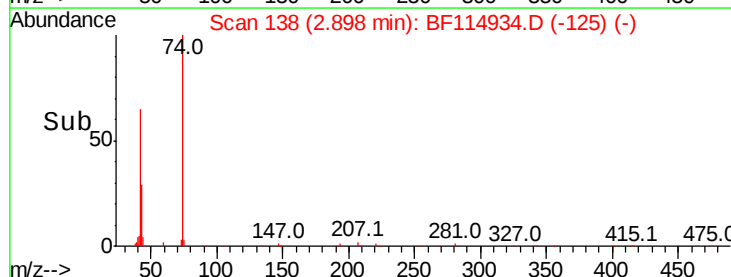
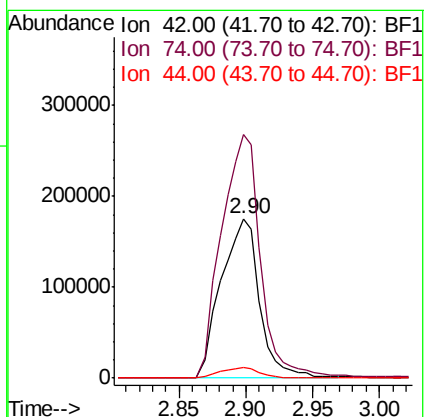
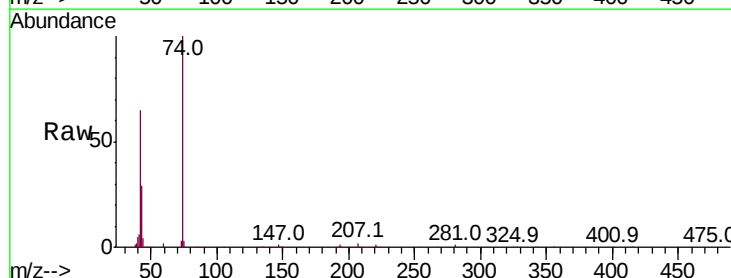
Tgt Ion: 42 Resp: 353499

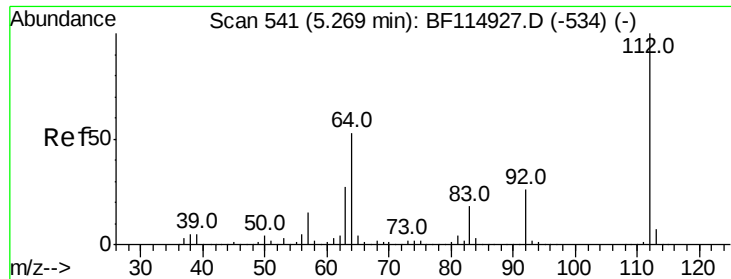
Ion Ratio Lower Upper

42 100

74 152.8 121.9 182.9

44 6.4 5.1 7.7





#5

2-Fluorophenol

Concen: 83.339 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion:112 Resp: 1521502

Ion Ratio Lower Upper

112 100

64 52.7 42.1 63.1

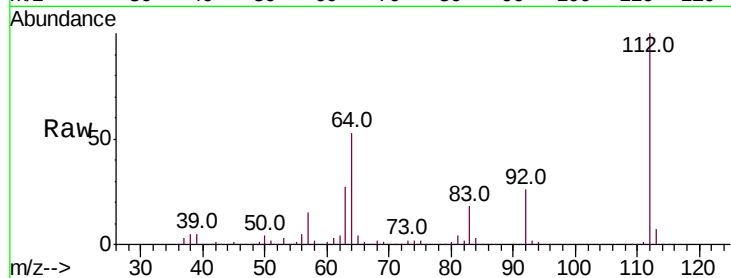
63 27.3 21.8 32.8

Manual Integrations

APPROVED

mohammad

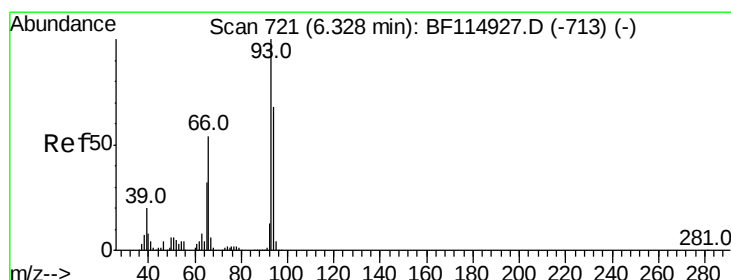
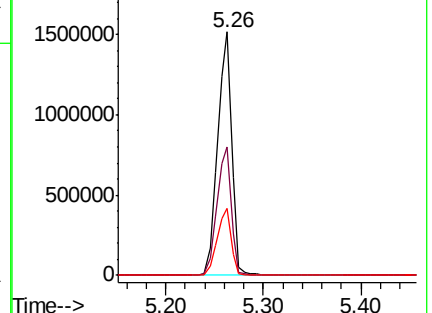
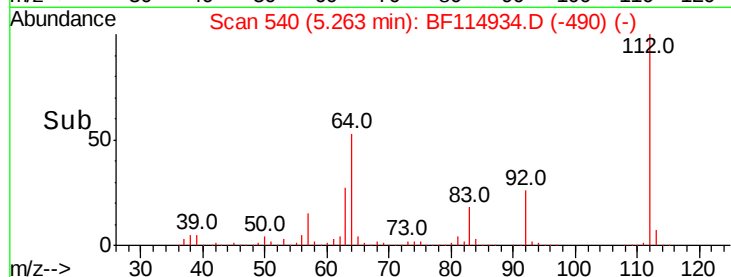
6/12/2019 9:14:04 AM



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: 41.863 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

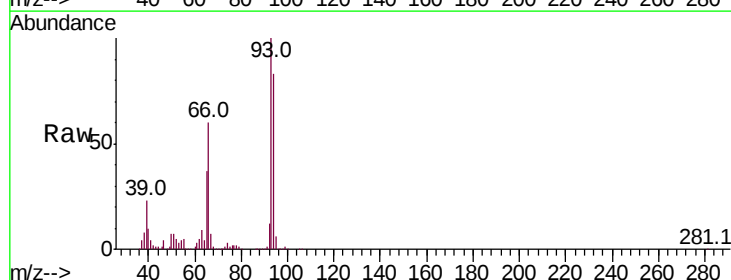
Tgt Ion: 93 Resp: 1248740

Ion Ratio Lower Upper

93 100

66 60.2 43.6 65.4

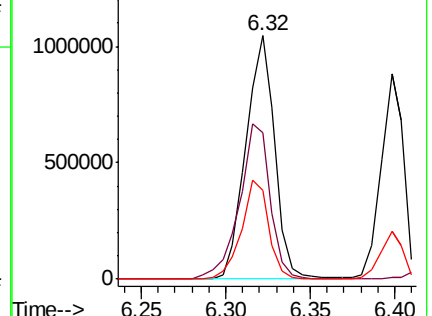
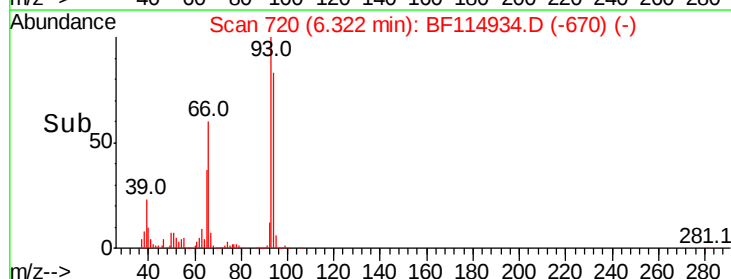
65 36.5 25.7 38.5

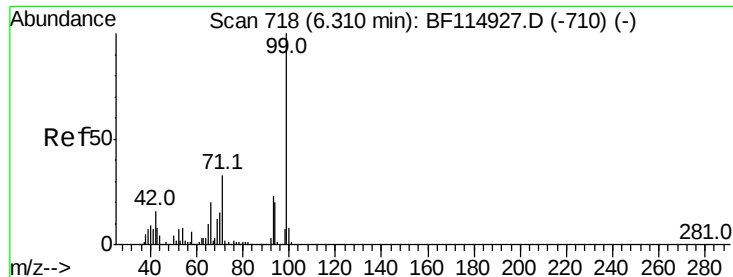


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.116 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion: 99 Resp: 1852325

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

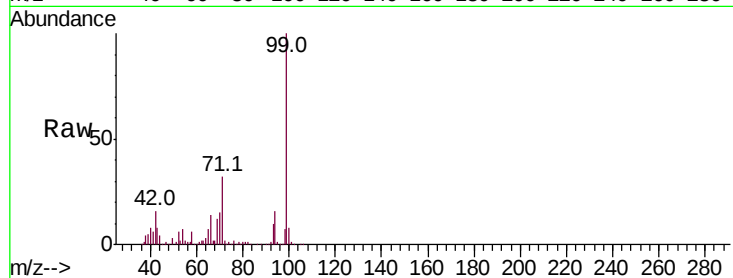
71 32.5 26.8 40.2

Manual Integrations

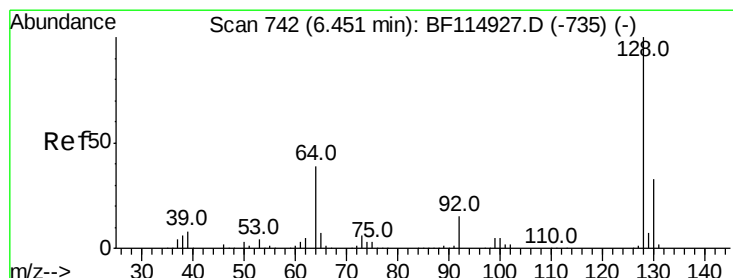
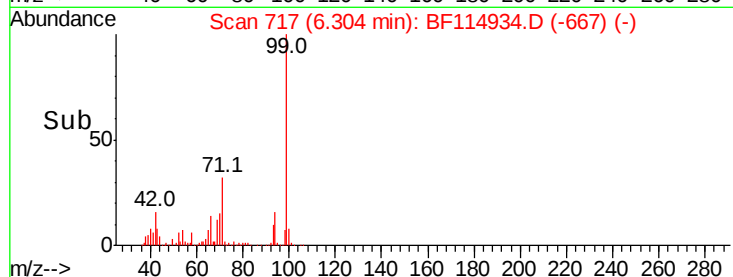
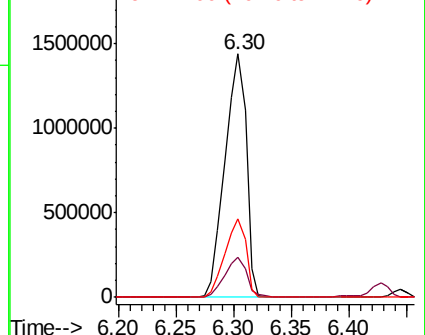
APPROVED

mohammad

6/12/2019 9:14:04 AM



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



#8

2-Chlorophenol

Concen: 42.000 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

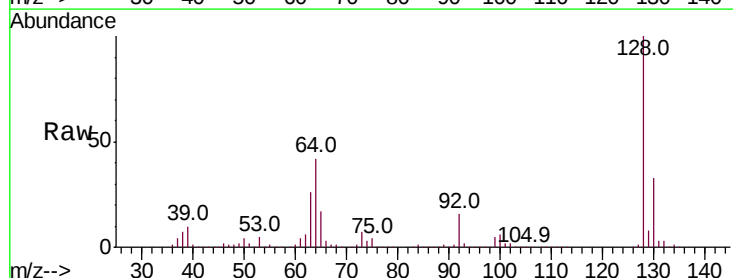
Tgt Ion: 128 Resp: 875128

Ion Ratio Lower Upper

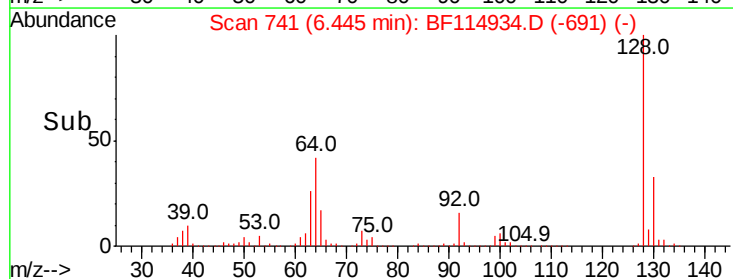
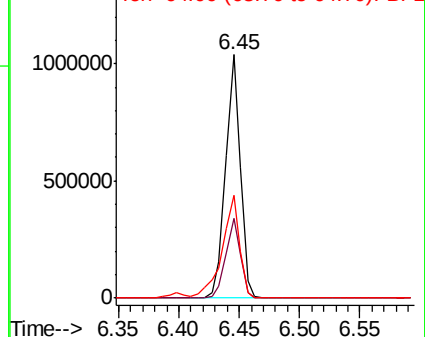
128 100

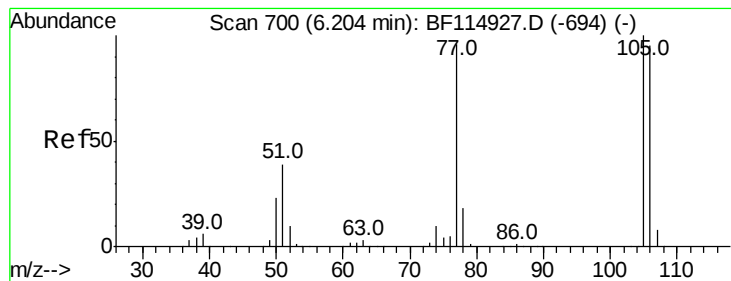
130 33.0 13.3 53.3

64 42.0 19.5 59.5



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





#9

Benzaldehyde

Concen: 38.653 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

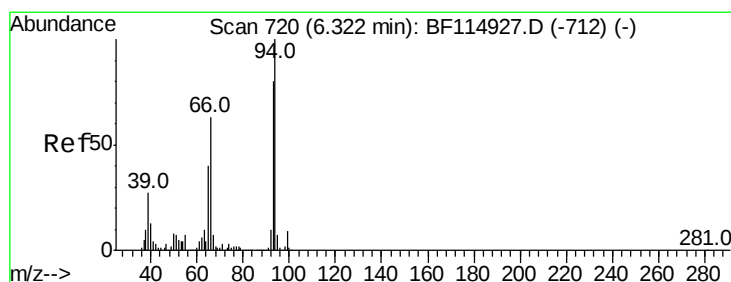
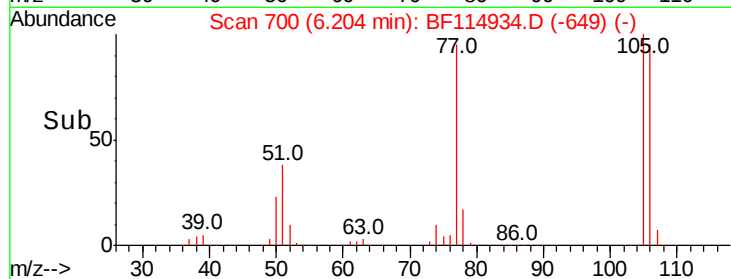
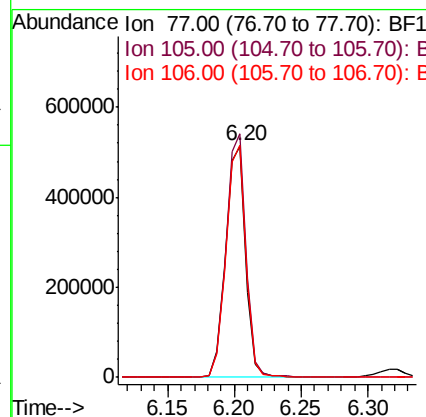
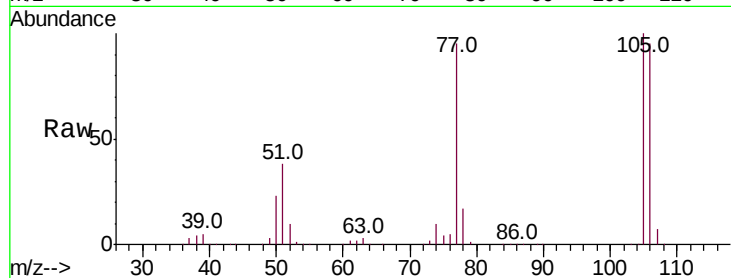
ClientSampleId :

ICVBF061019

Tot Ion:	77	Resp:	544782
Ion	Ratio	Lower	Upper
77	100		
105	105.3	84.5	124.5
106	100.2	79.2	119.2

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#10

Phenol

Concen: 41.660 ng

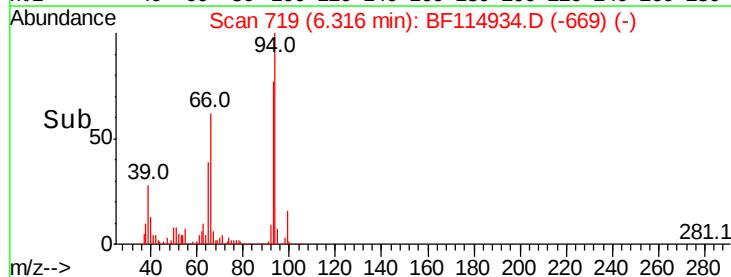
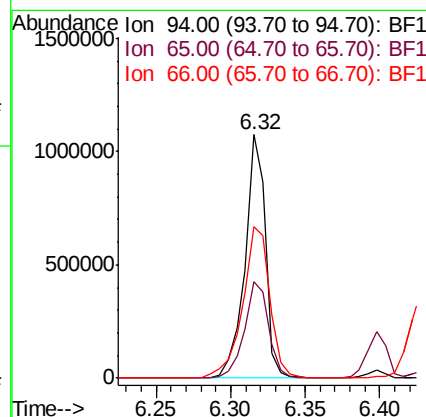
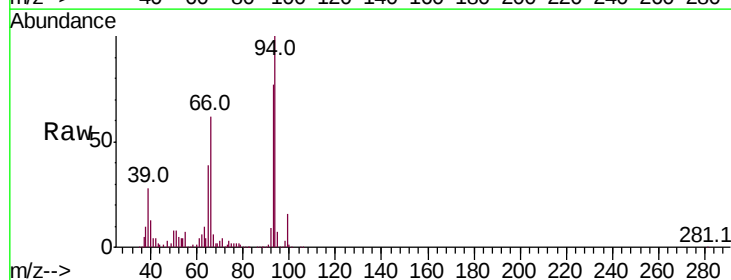
RT: 6.32 min Scan# 719

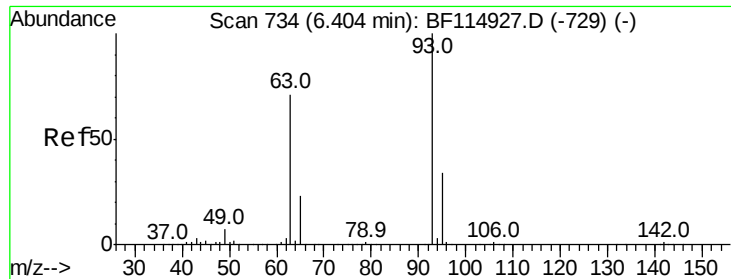
Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tgt Ion:	94	Resp:	1022963
Ion	Ratio	Lower	Upper
94	100		
65	39.4	19.6	59.6
66	62.3	42.6	82.6





#11

bis(2-Chloroethyl)ether

Concen: 41.801 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

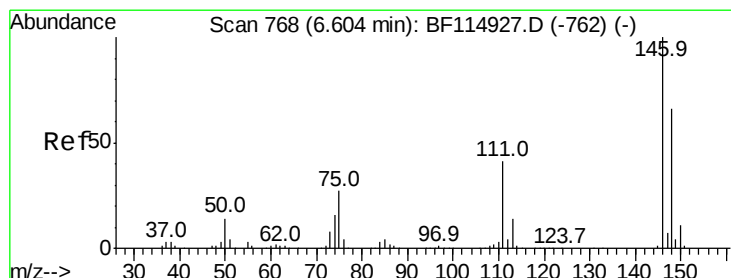
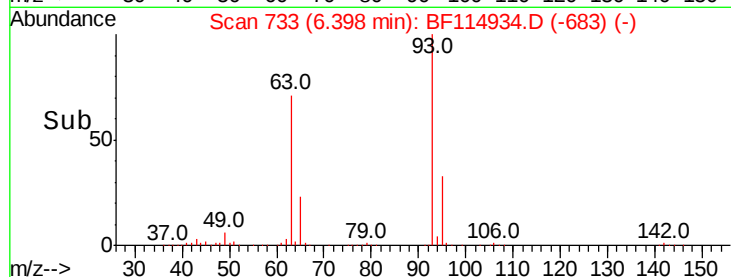
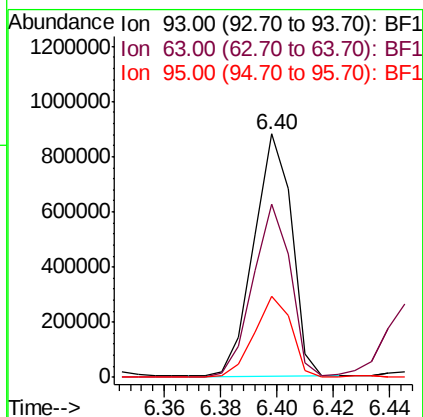
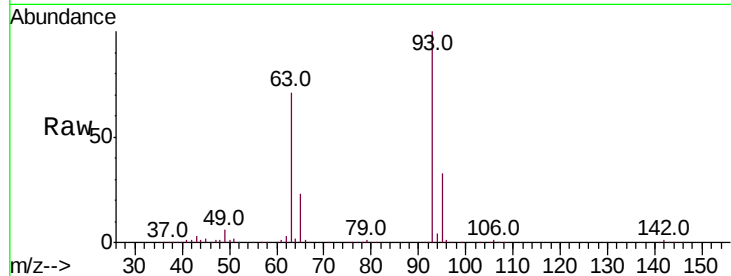
ClientSampleId :

ICVBF061019

Tot Ion:	93	Resp:	818045
Ion	Ratio	Lower	Upper
93	100		
63	71.2	50.5	90.5
95	33.3	13.6	53.6

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#12

1,3-Dichlorobenzene

Concen: 41.757 ng

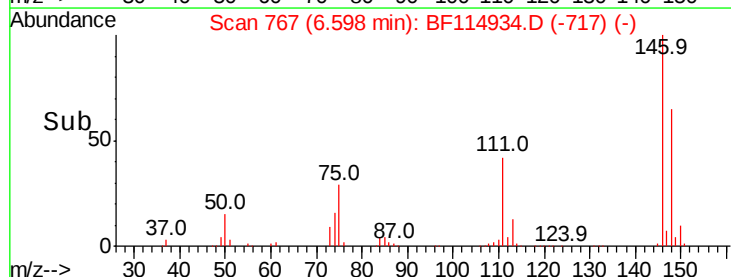
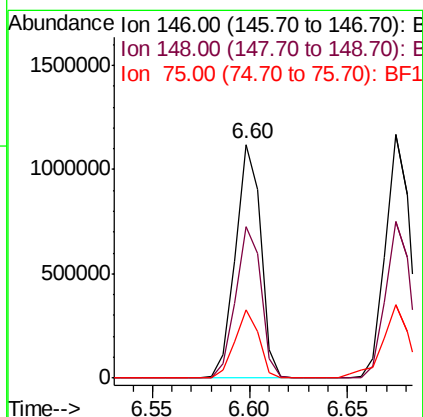
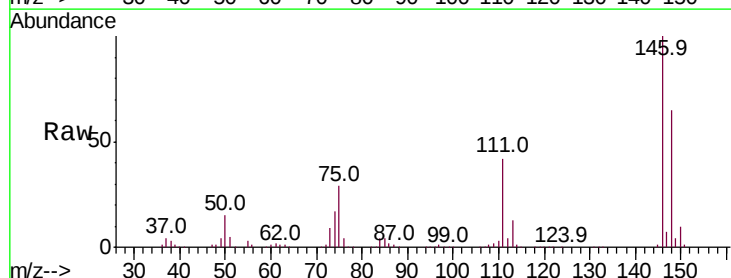
RT: 6.60 min Scan# 767

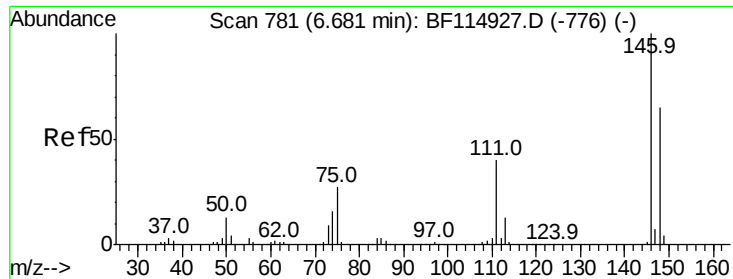
Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tgt Ion:	146	Resp:	1009784
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	29.3	21.9	32.9





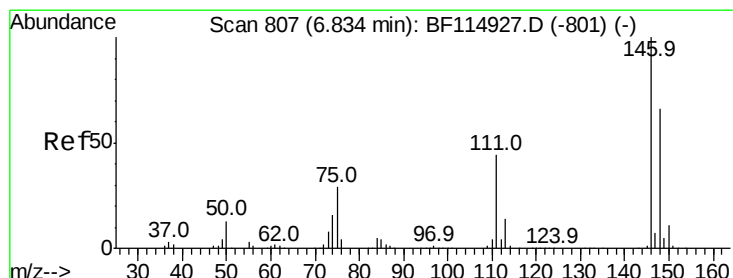
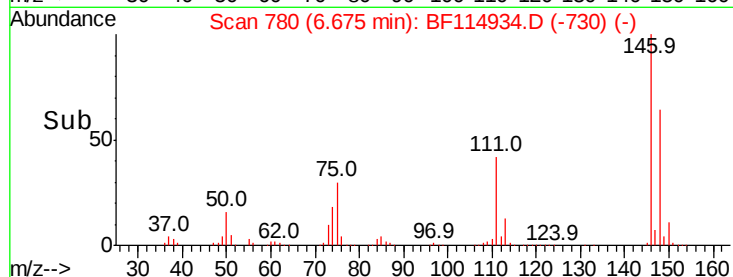
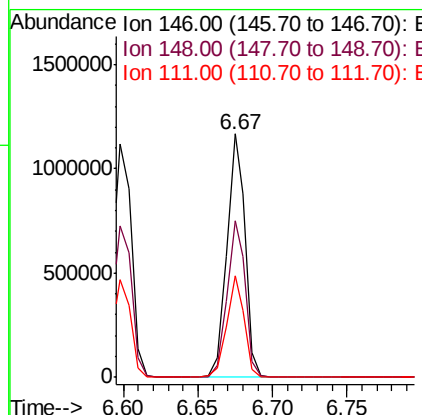
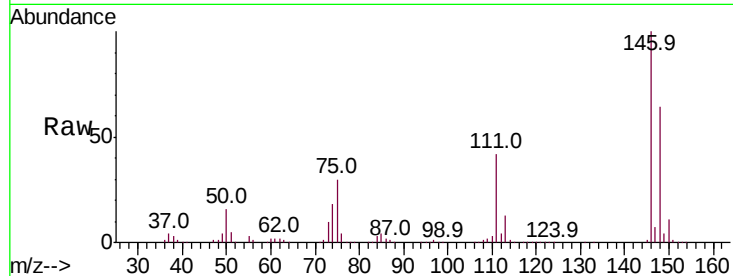
#13
 1,4-Dichlorobenzene
 Concen: 41.738 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Tot Ion:146 Resp: 1012147
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 41.6 31.8 47.8

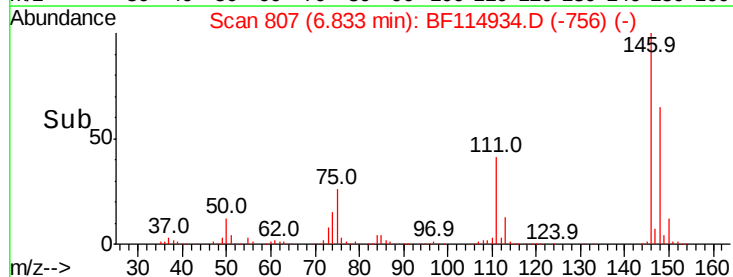
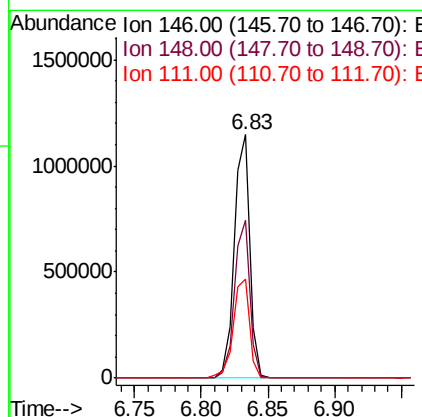
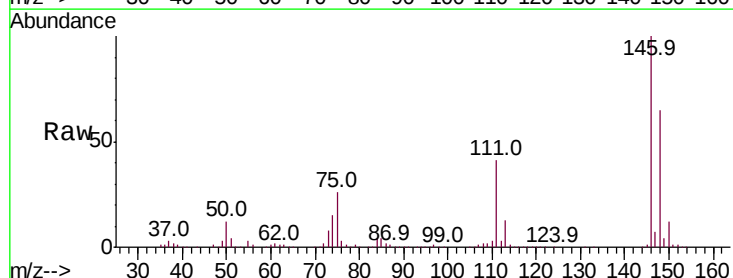
Manual Integrations
 APPROVED

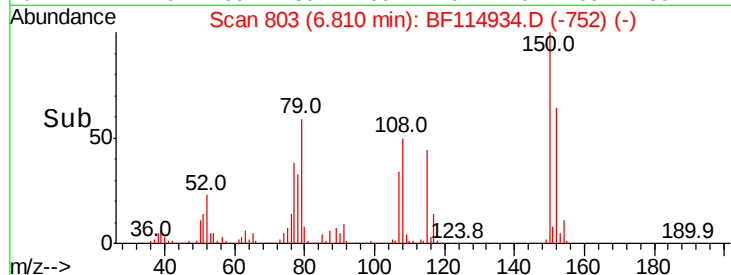
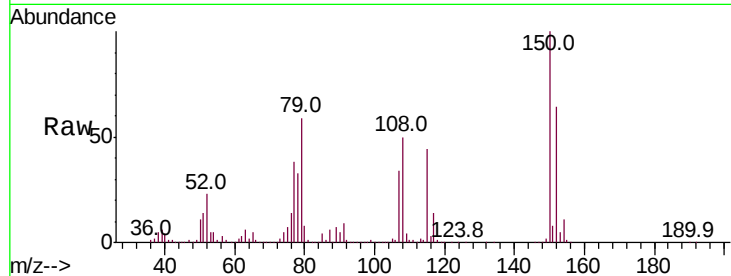
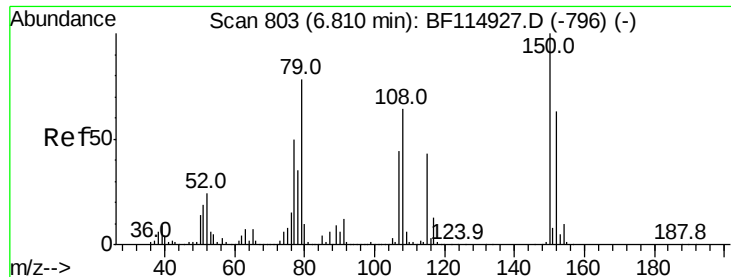
mohammad
 6/12/2019 9:14:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.936 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Tgt Ion:146 Resp: 945033
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 40.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.191 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tot Ion:	79	Resp:	686307
Ion Ratio	Lower	Upper	
79	100		
108	84.4	65.5	98.3
77	64.0	51.3	76.9

Instrument :

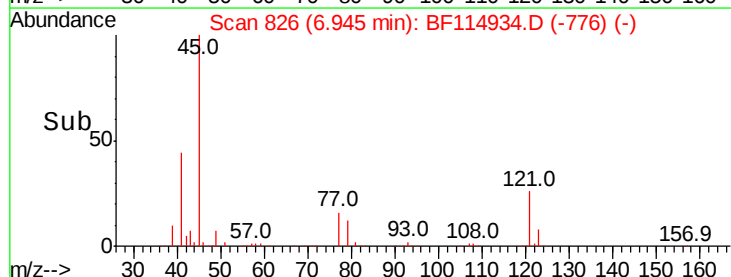
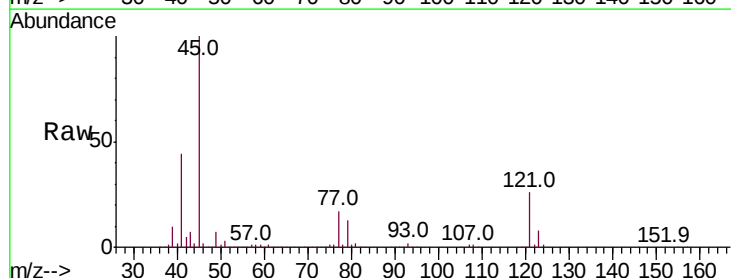
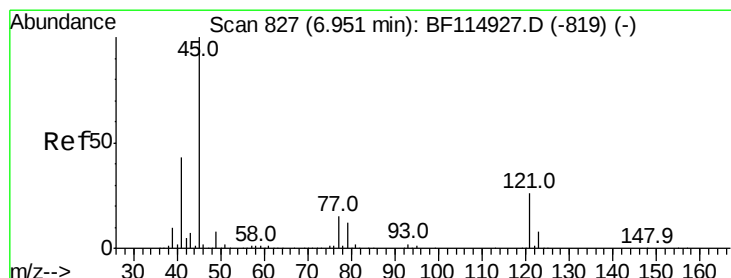
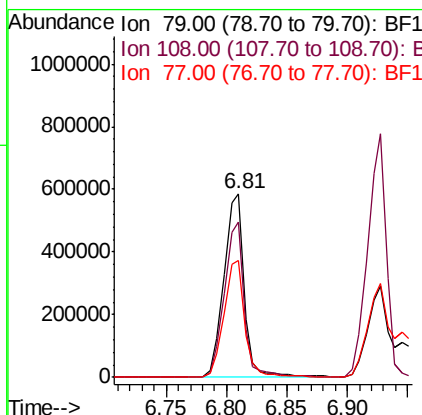
BNA_F

ClientSampleId :

ICVBF061019

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.015 ng

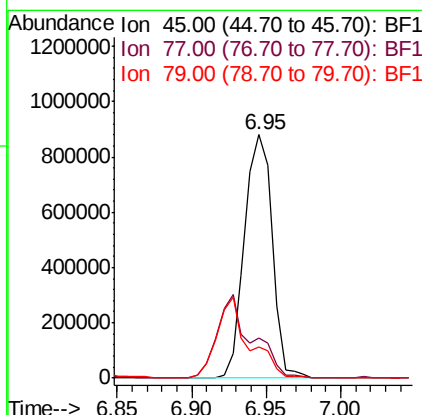
RT: 6.95 min Scan# 826

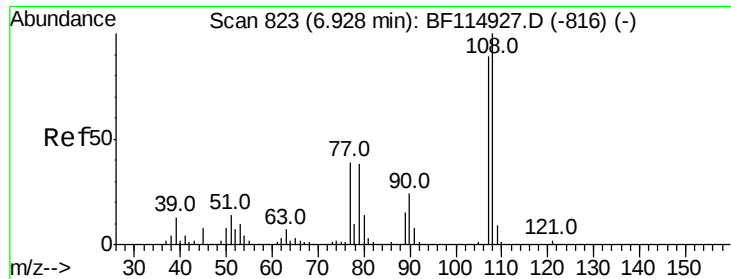
Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tgt Ion:	45	Resp:	1130830
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	36.2
79	12.7	0.0	32.7





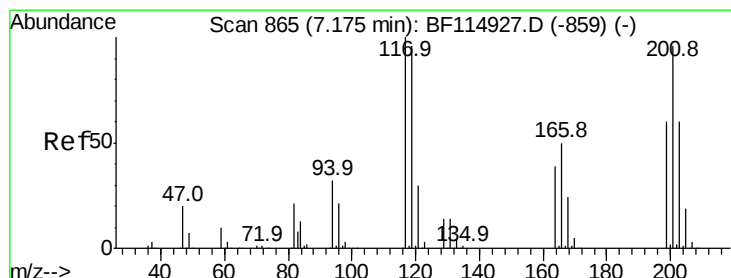
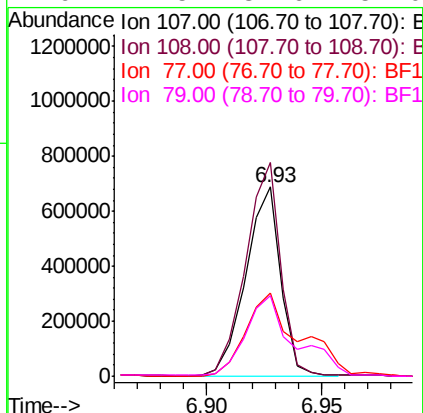
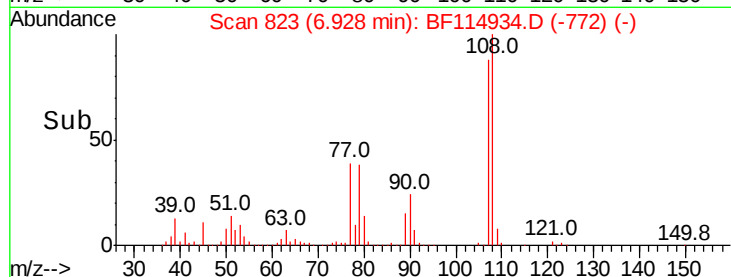
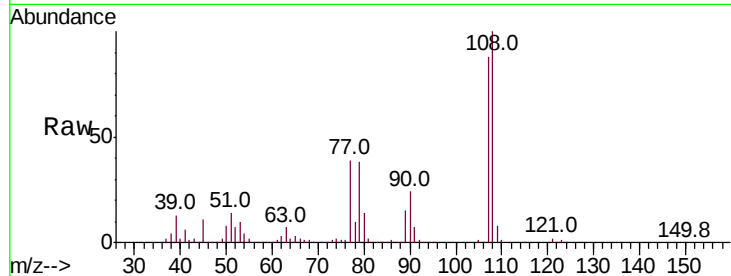
#17
2-Methylphenol
Concen: 41.633 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.2
77	43.8	35.4	53.0
79	42.5	34.6	52.0

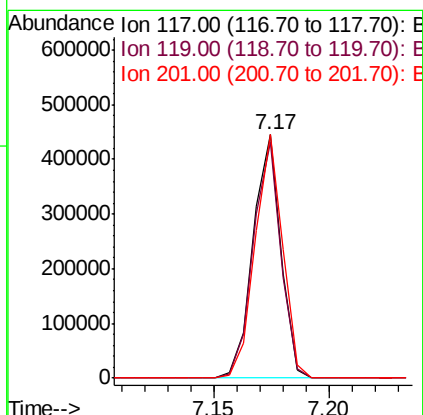
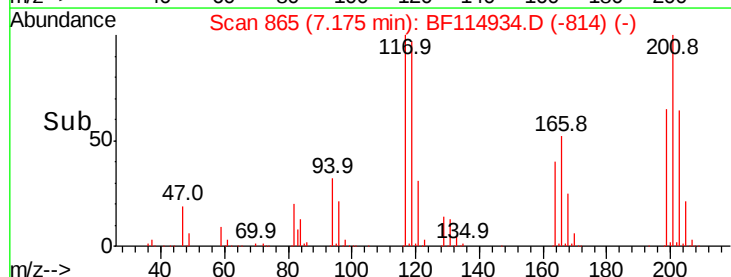
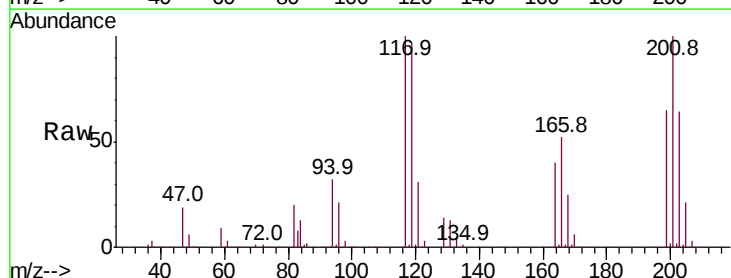
Manual Integrations
APPROVED

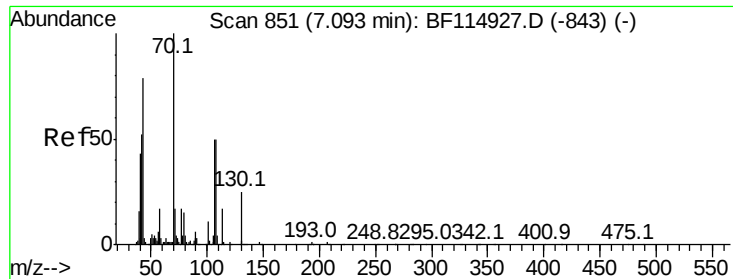
mohammad
6/12/2019 9:14:04 AM



#18
Hexachloroethane
Concen: 41.781 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	114.8
201	99.9	77.0	115.6





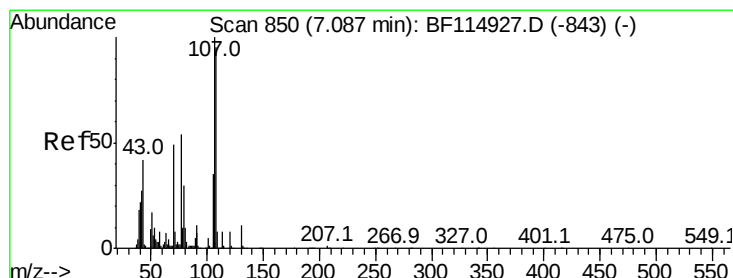
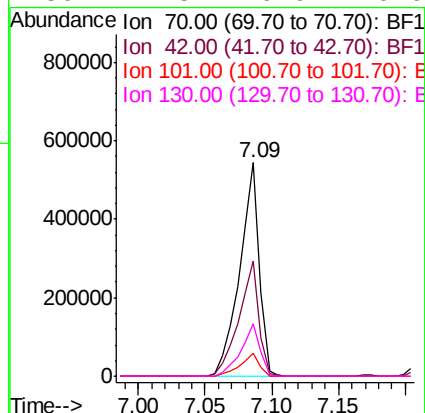
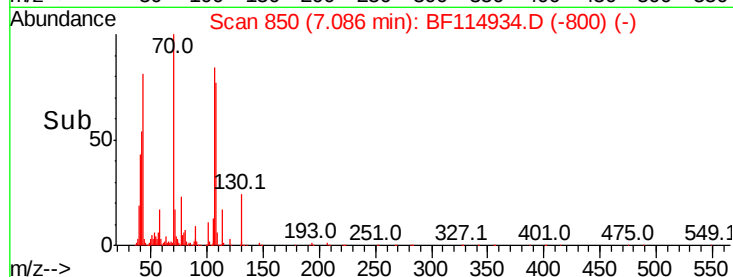
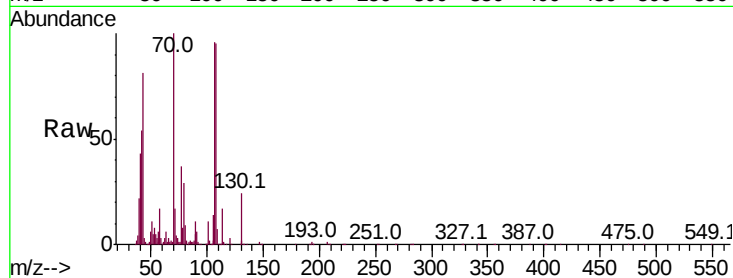
#19
n-Nitroso-di-n-propylamine
Concen: 40.650 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.7	62.5
101	10.5	8.4	12.6
130	24.5	19.9	29.9

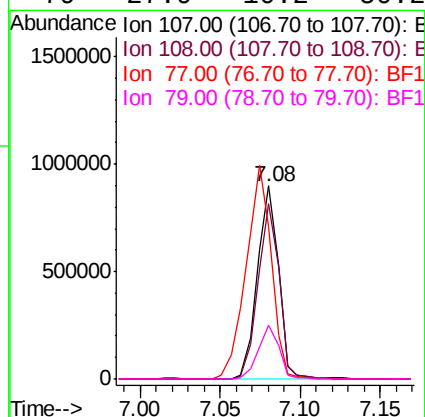
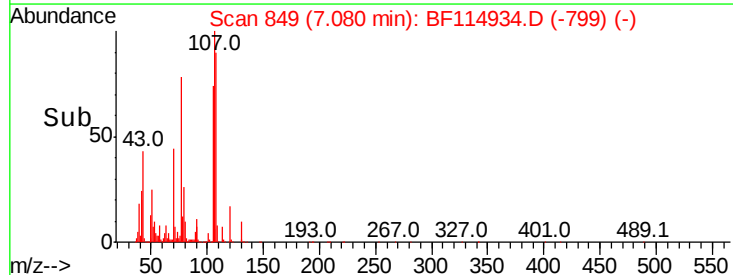
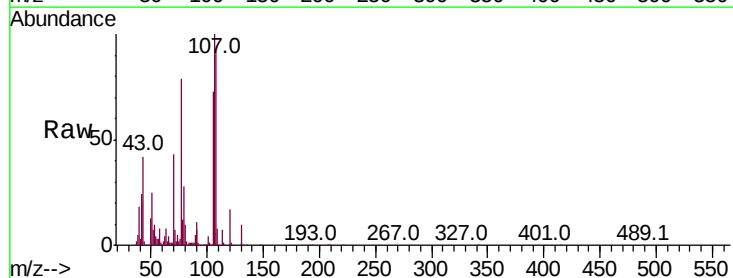
Manual Integrations
APPROVED

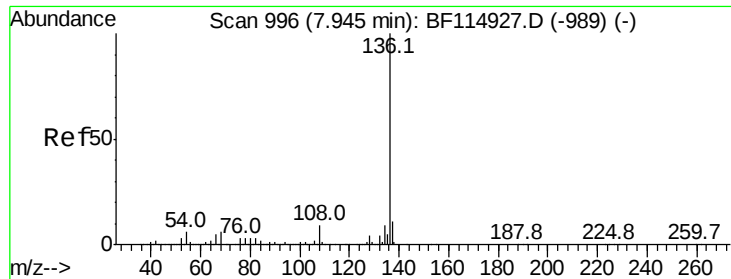
mohammad
6/12/2019 9:14:04 AM



#20
3+4-Methylphenols
Concen: 42.407 ng m
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	74.7	114.7
77	78.8	33.7	73.7#
79	27.9	10.2	50.2





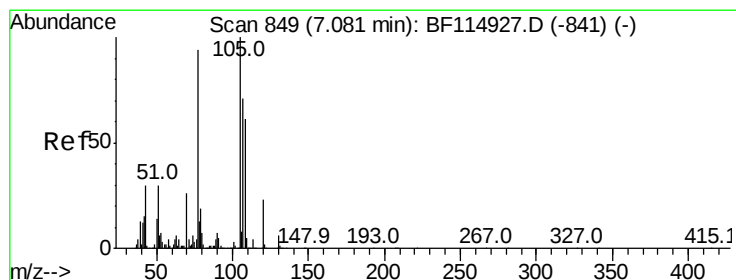
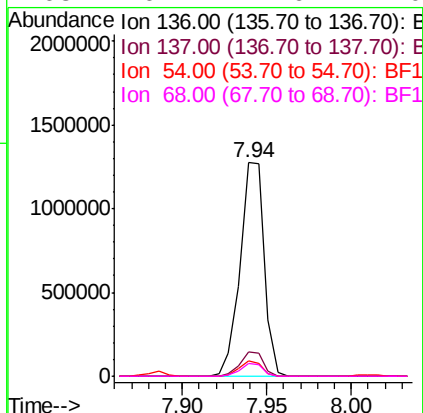
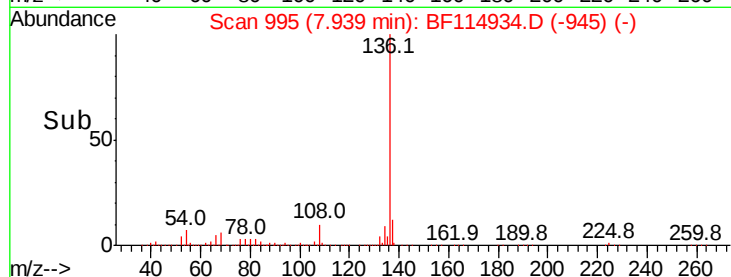
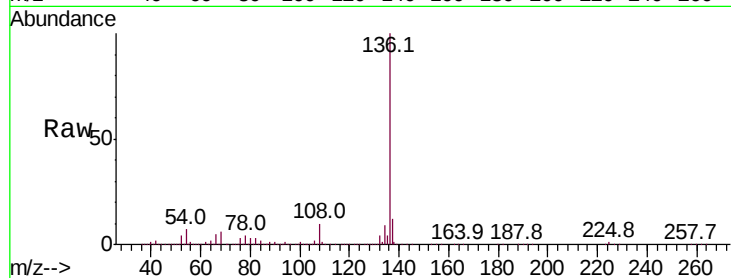
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.1	5.2	7.8
68	6.1	4.6	7.0

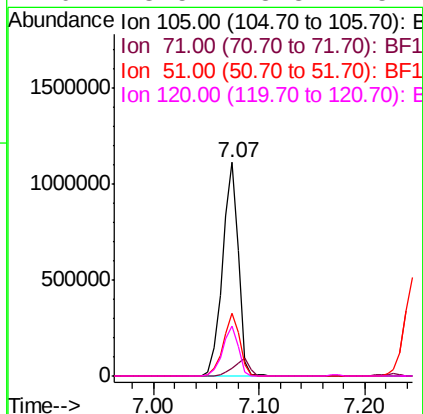
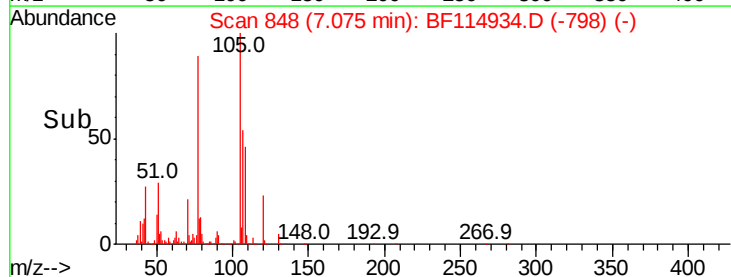
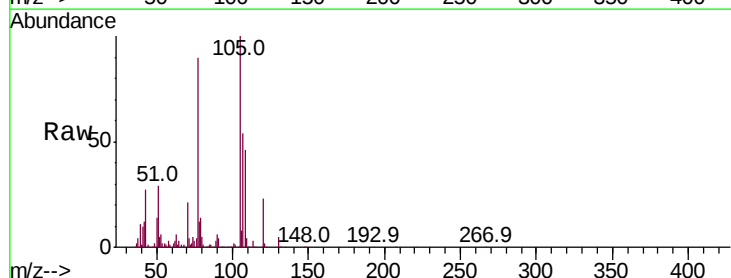
Manual Integrations
APPROVED

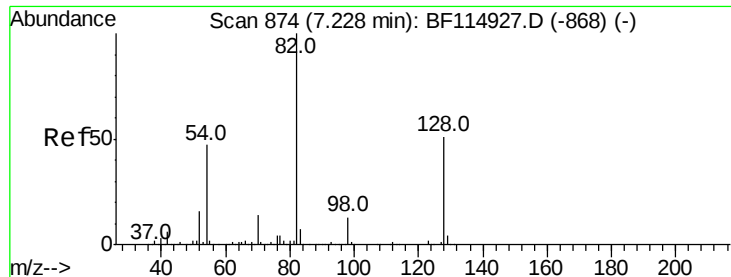
mohammad
6/12/2019 9:14:04 AM



#22
Acetophenone
Concen: 40.931 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.2
51	29.4	24.0	36.0
120	23.5	18.8	28.2





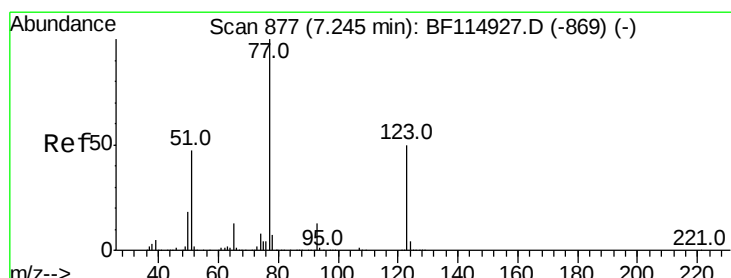
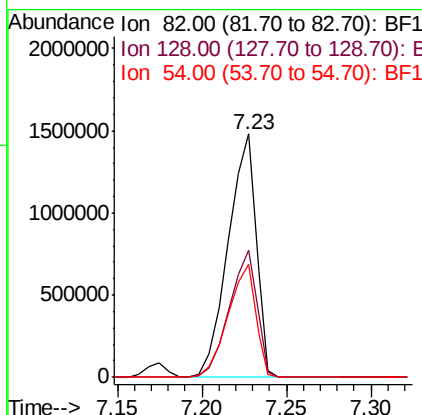
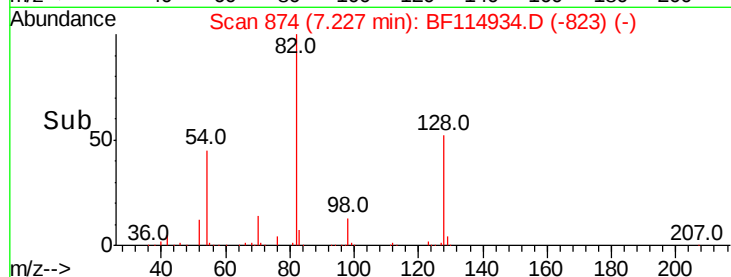
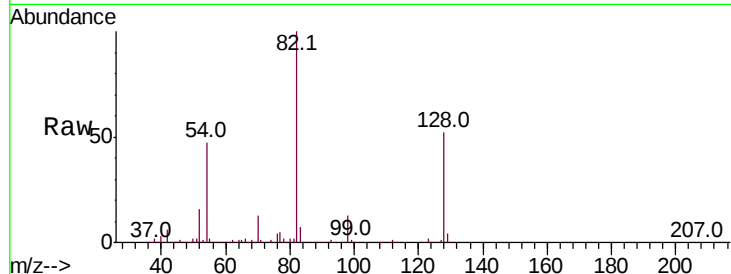
#23
Nitrobenzene-d5
Concen: 82.580 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.9	61.3
54	46.6	37.4	56.0

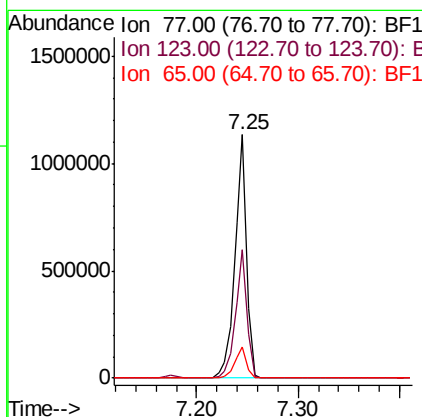
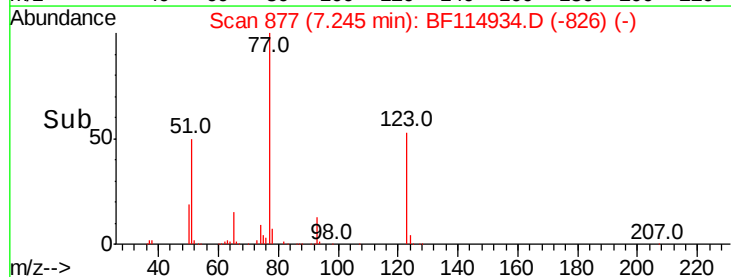
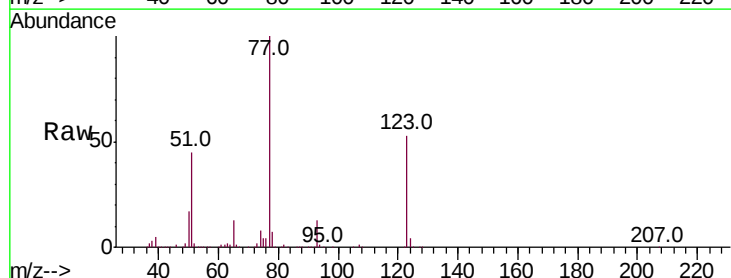
Manual Integrations
APPROVED

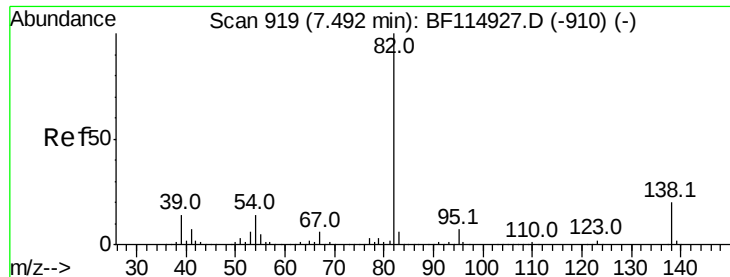
mohammad
6/12/2019 9:14:04 AM



#24
Nitrobenzene
Concen: 41.832 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.8	59.6
65	13.0	10.7	16.1





#25

Isophorone

Concen: 40.294 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion: 82 Resp: 1633014

Ion Ratio Lower Upper

82 100

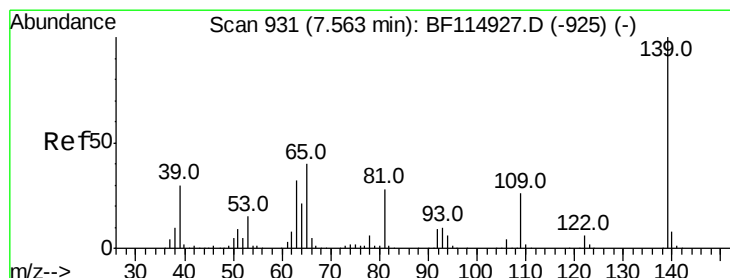
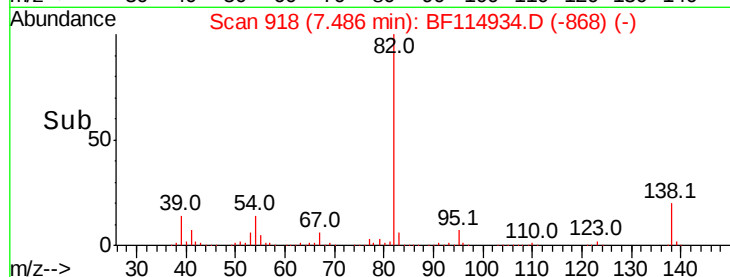
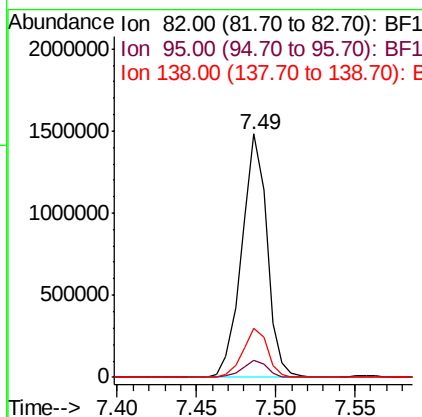
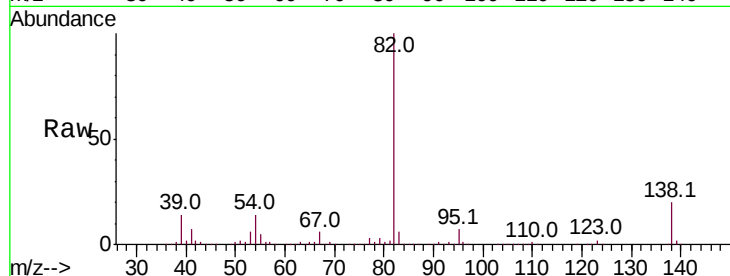
95 7.1 5.7 8.5

138 20.0 16.4 24.6

Manual Integrations
APPROVED

mohammad

6/12/2019 9:14:04 AM



#26

2-Nitrophenol

Concen: 41.865 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

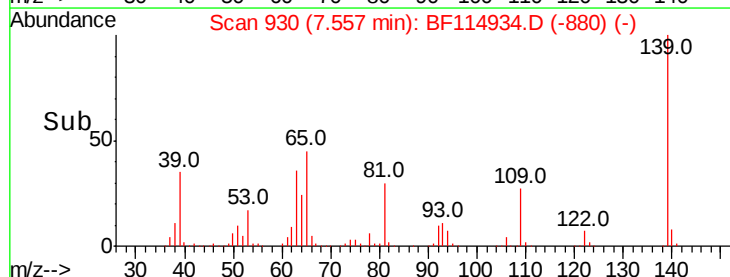
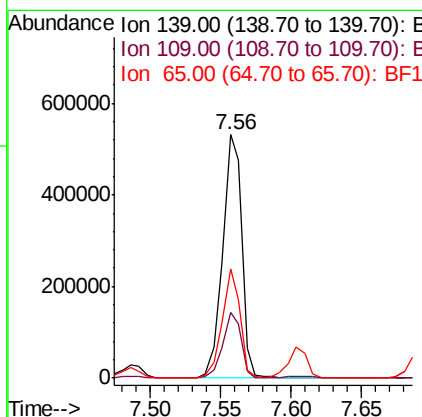
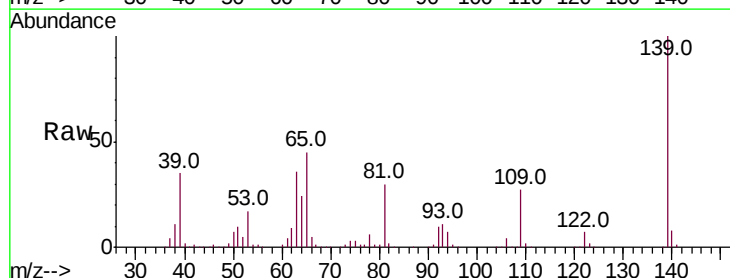
Tgt Ion: 139 Resp: 500751

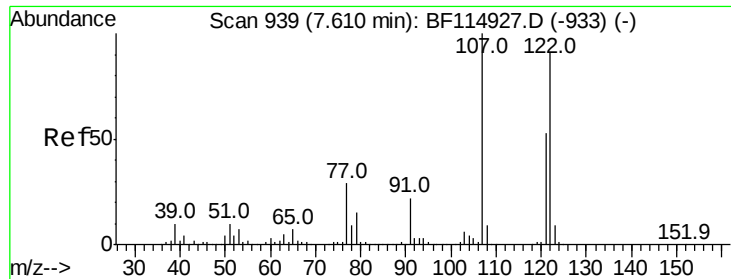
Ion Ratio Lower Upper

139 100

109 26.9 20.6 30.8

65 45.0 32.2 48.2





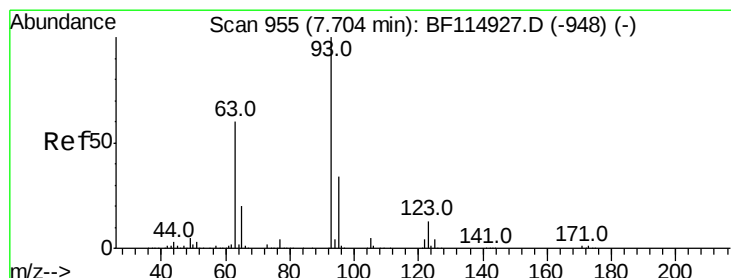
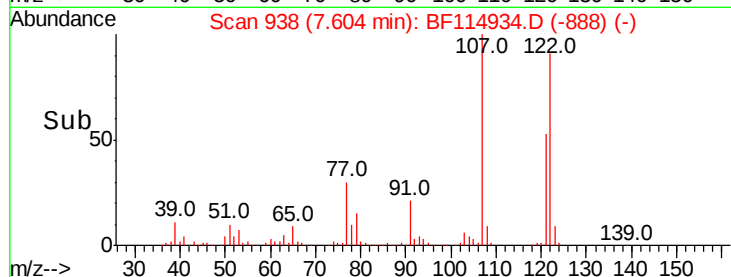
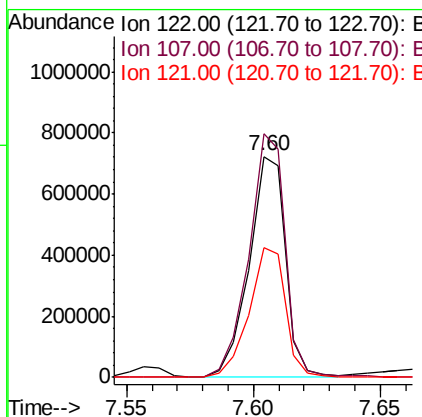
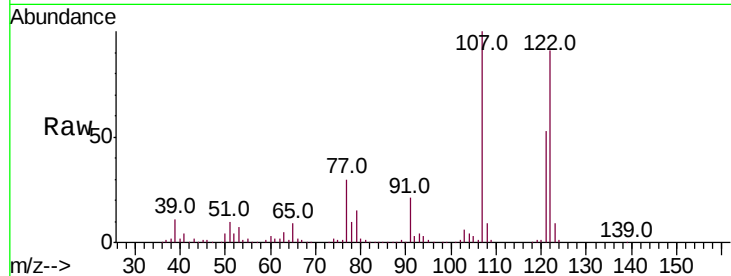
#27
2,4-Dimethylphenol
Concen: 41.498 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.0	132.0
121	58.4	47.0	70.6

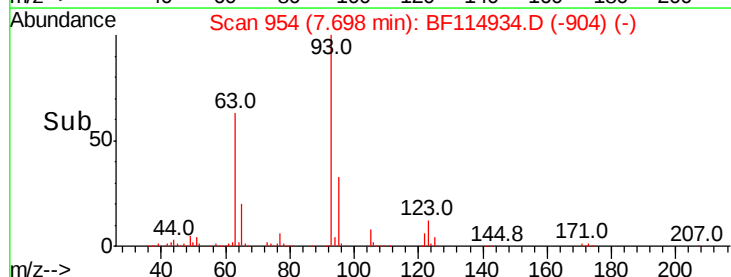
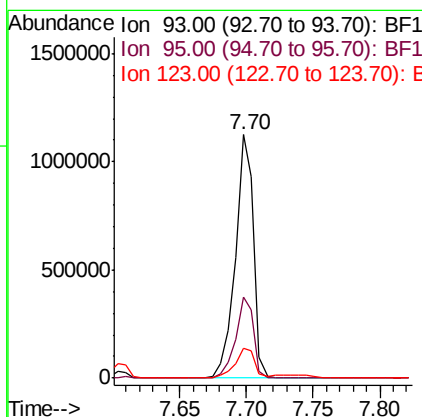
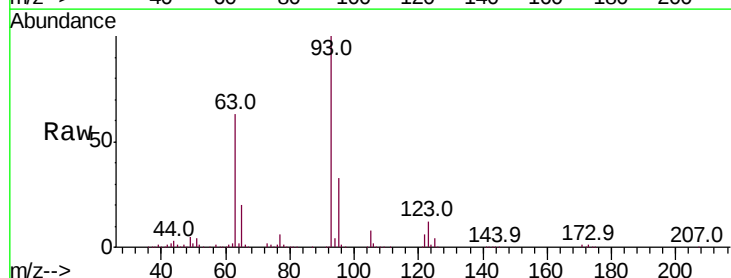
Manual Integrations
APPROVED

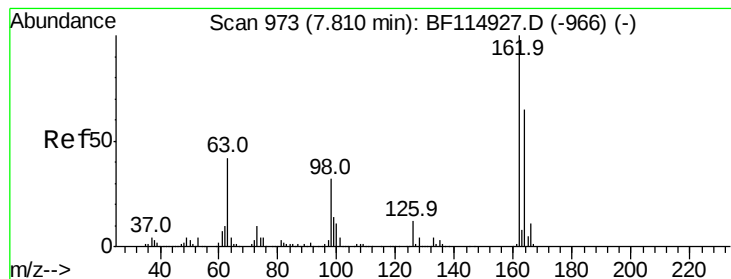
mohammad
6/12/2019 9:14:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.226 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.0	40.4
123	12.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 41.643 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

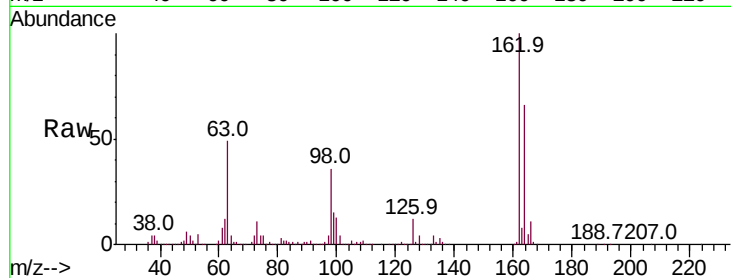
ClientSampleId :

ICVBF061019

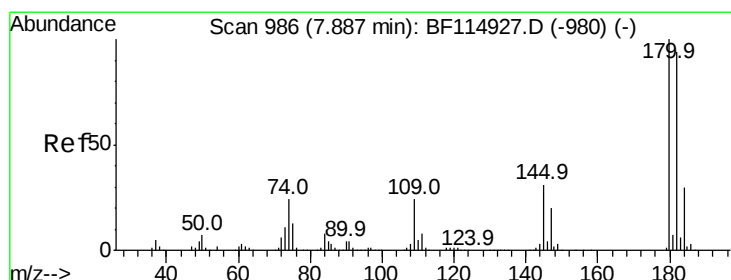
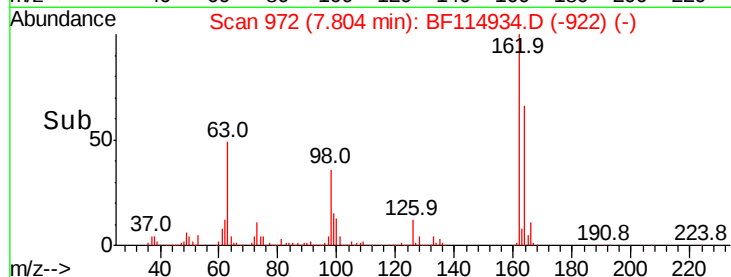
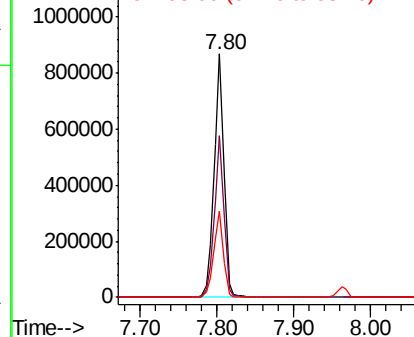
Tot Ion:	162	Resp:	763283
Ion Ratio	Lower	Upper	
162	100		
164	66.3	45.4	85.4
98	35.6	12.5	52.5

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.519 ng

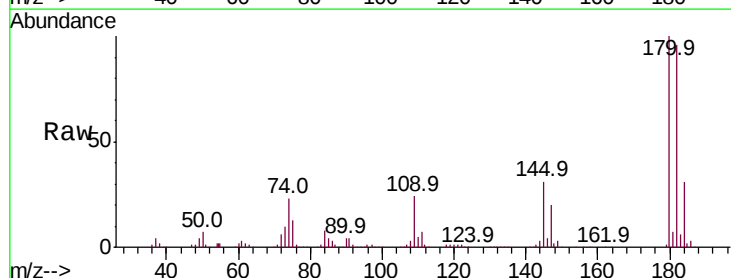
RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

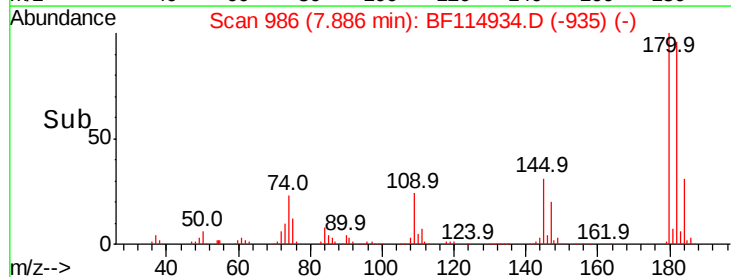
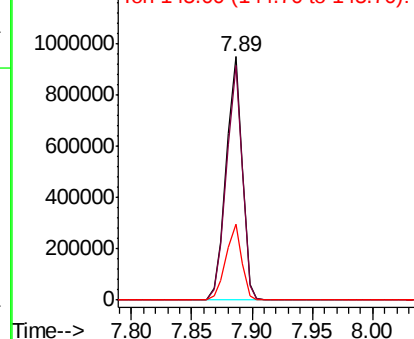
Lab File: BF114934.D

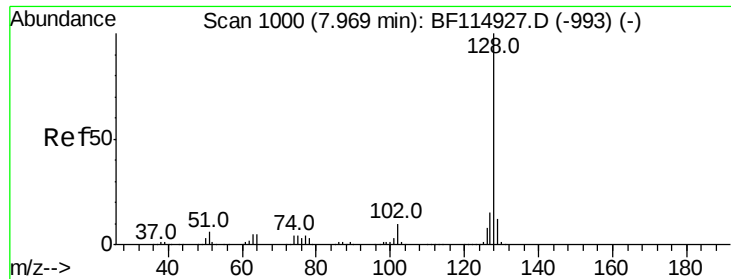
Acq: 10 Jun 2019 16:52

Tgt Ion:	180	Resp:	873375
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.0	112.6
145	31.1	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





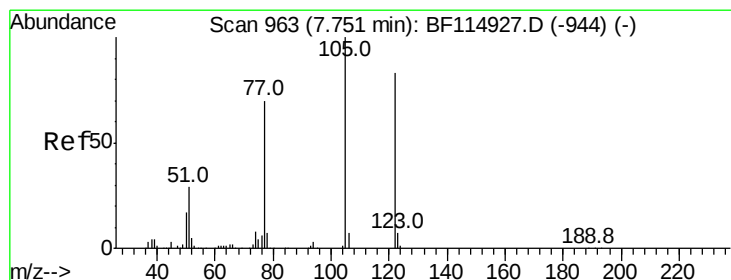
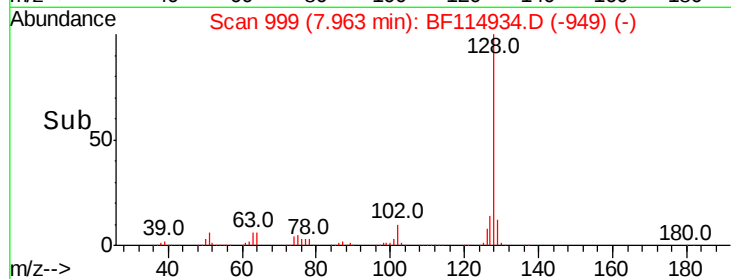
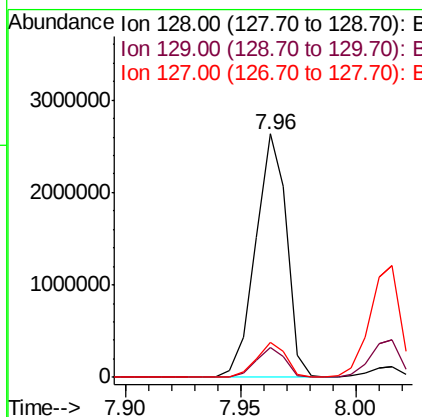
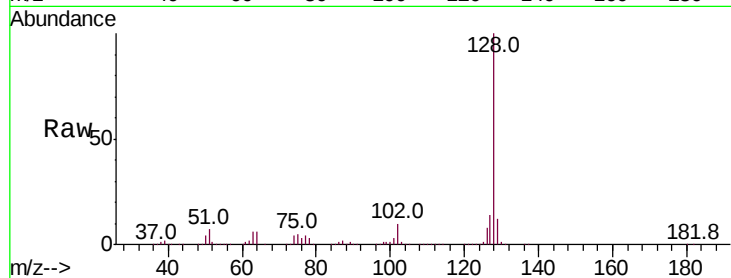
#31
Naphthalene
Concen: 42.098 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.8
127	14.3	11.8	17.6

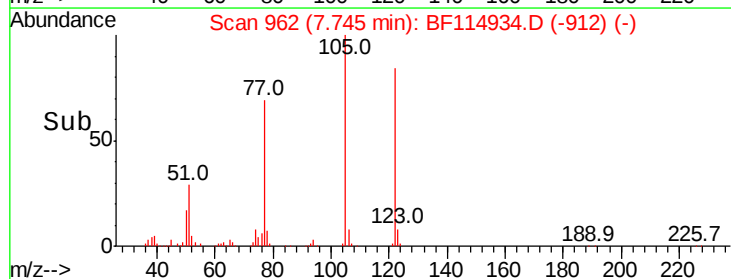
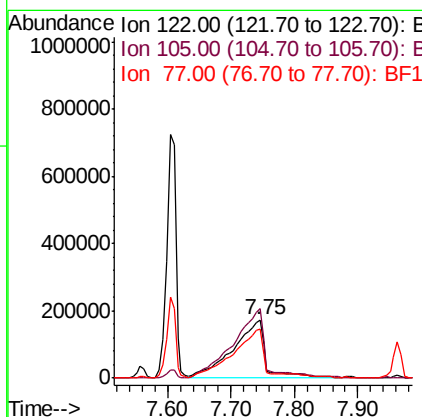
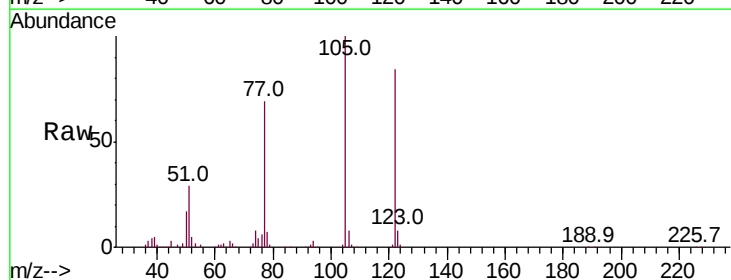
Manual Integrations
APPROVED

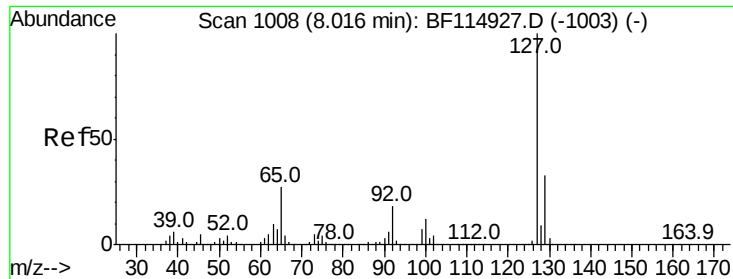
mohammad
6/12/2019 9:14:04 AM



#32
Benzoic acid
Concen: 45.819 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	97.7	137.7
77	82.7	63.0	103.0





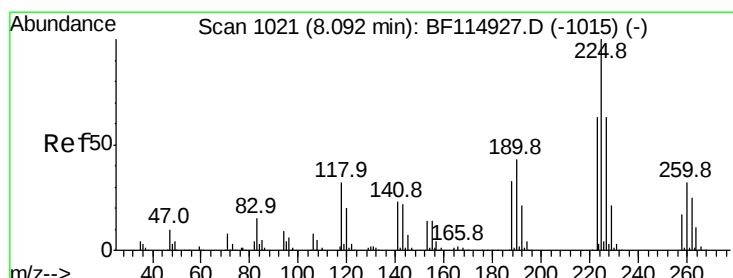
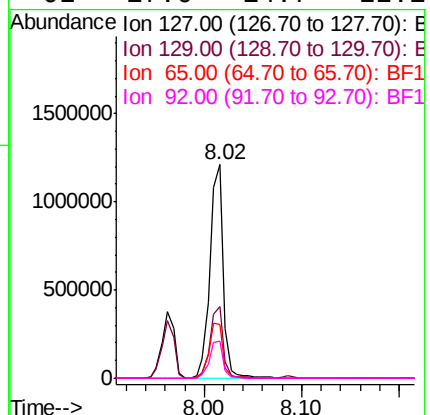
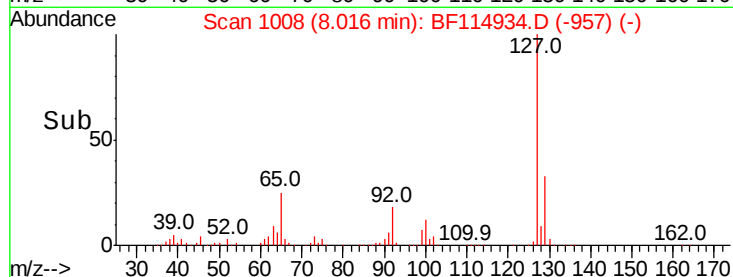
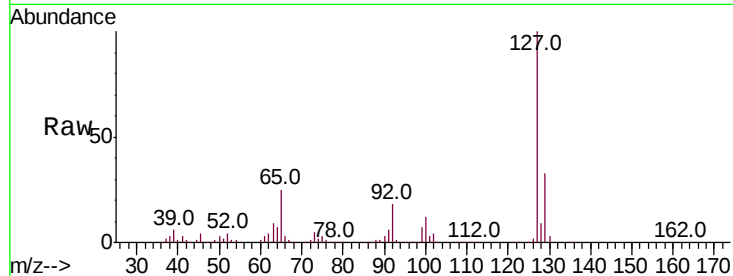
#33
4-Chloroaniline
Concen: 41.454 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	40.0
65	25.1	21.5	32.3
92	17.6	14.7	22.1

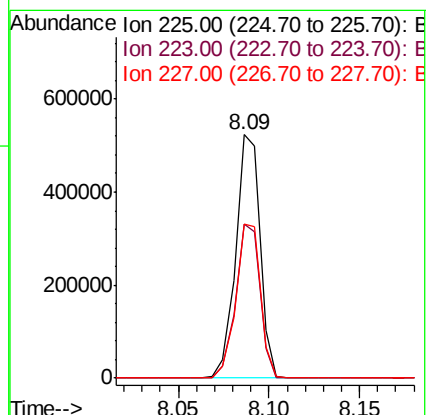
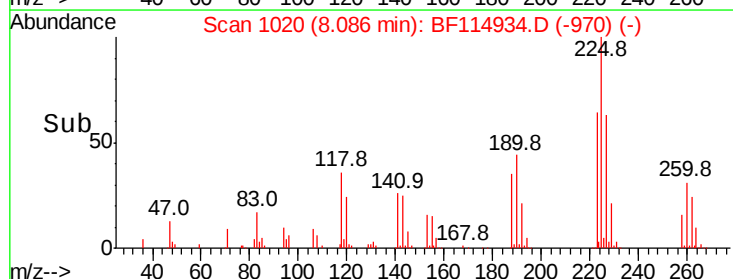
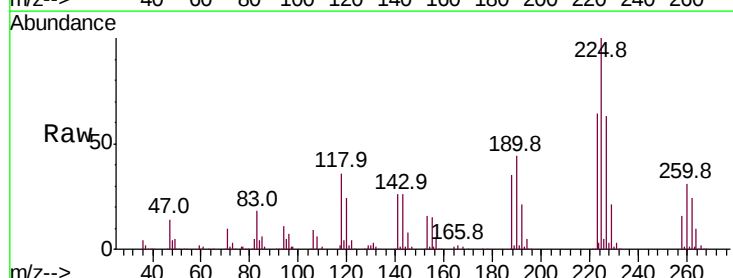
Manual Integrations
APPROVED

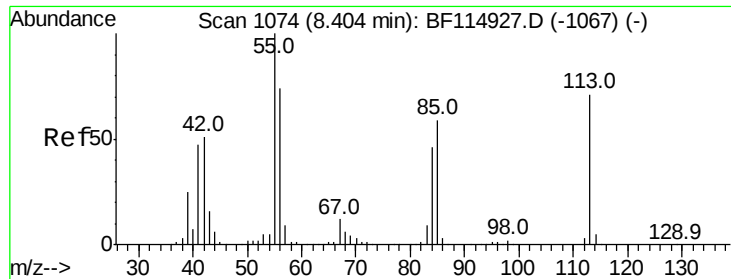
mohammad
6/12/2019 9:14:04 AM



#34
Hexachlorobutadiene
Concen: 41.388 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	63.0	50.6	75.8





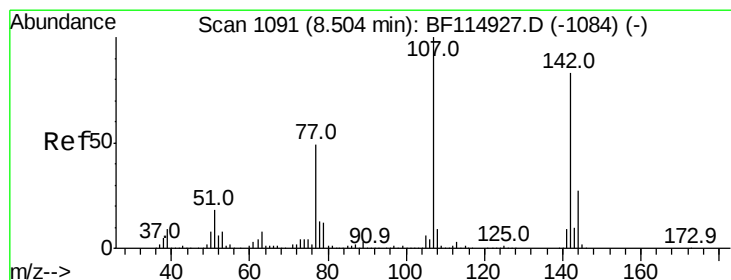
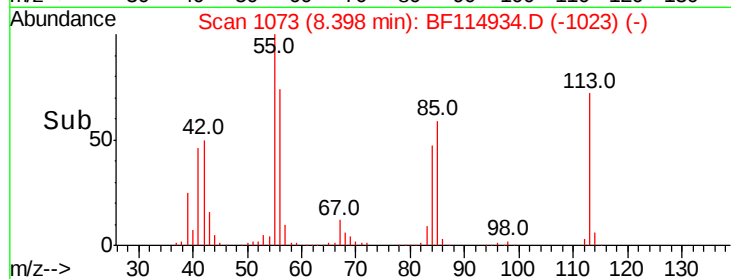
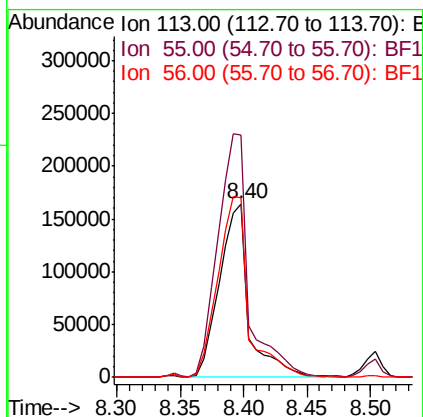
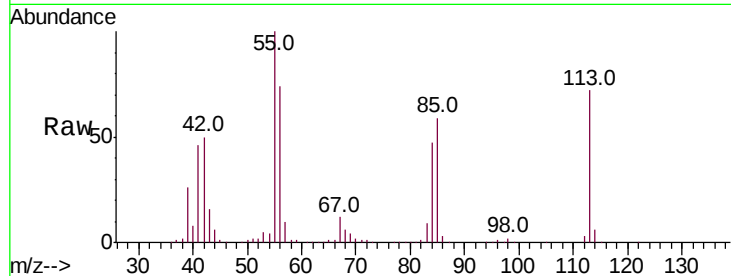
#35
Caprolactam
Concen: 42.979 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	139.7	120.9	160.9	
56	103.5	84.3	124.3	

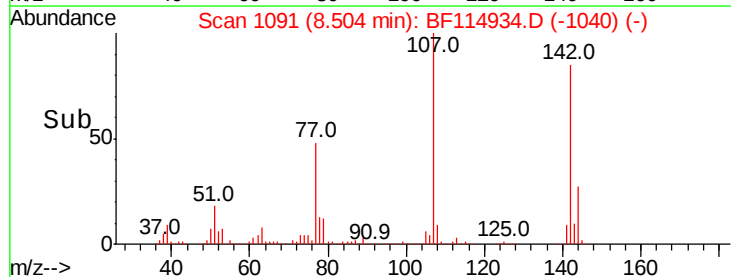
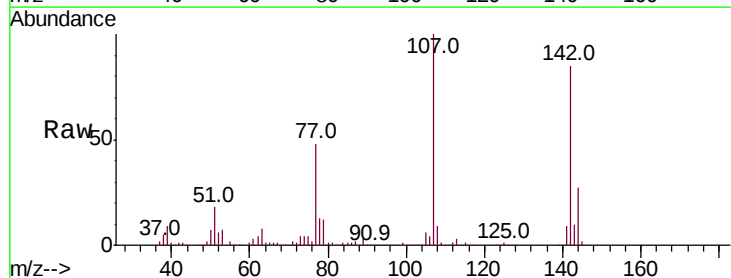
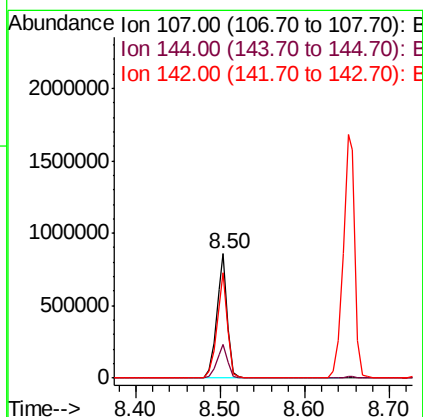
Manual Integrations
APPROVED

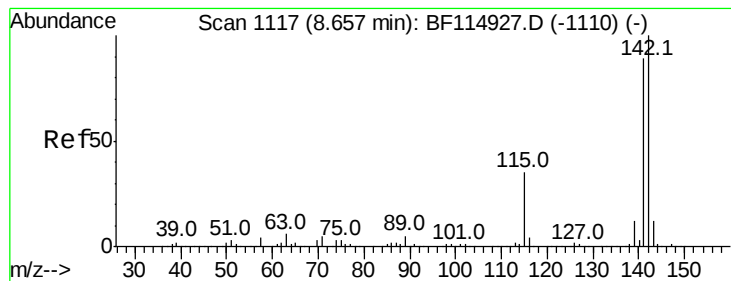
mohammad
6/12/2019 9:14:04 AM



#36
4-Chloro-3-methylphenol
Concen: 41.581 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.5	21.6	32.4	
142	84.7	66.1	99.1	





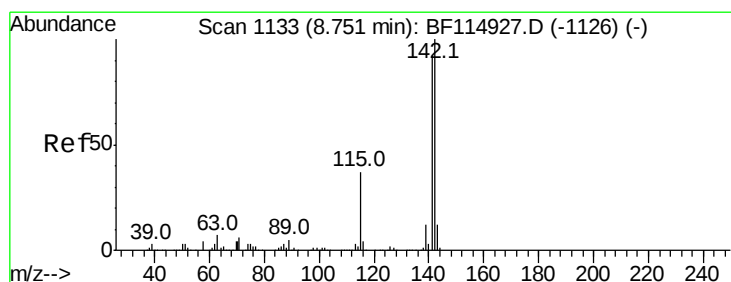
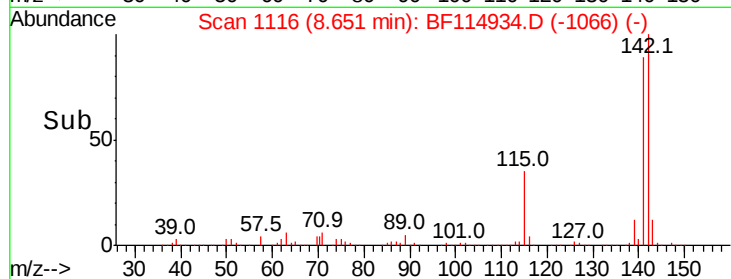
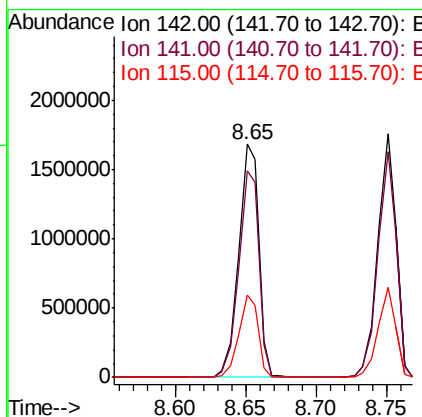
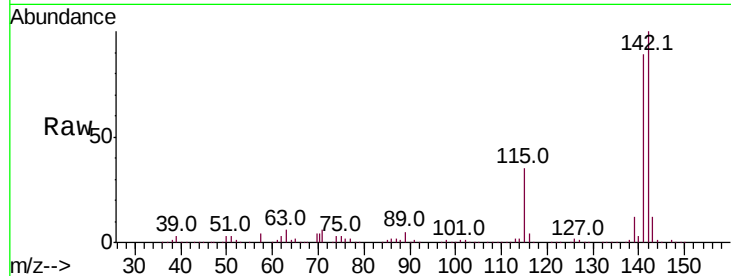
#37
2-Methylnaphthalene
Concen: 41.830 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7
115	35.4	27.8	41.6

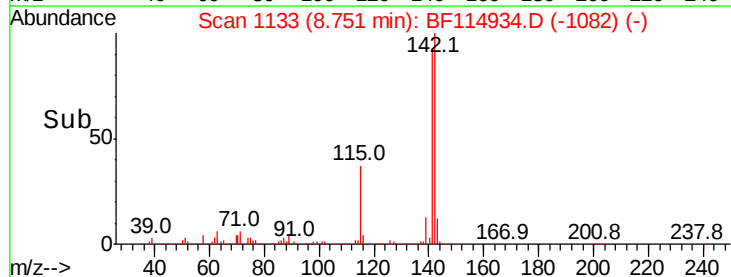
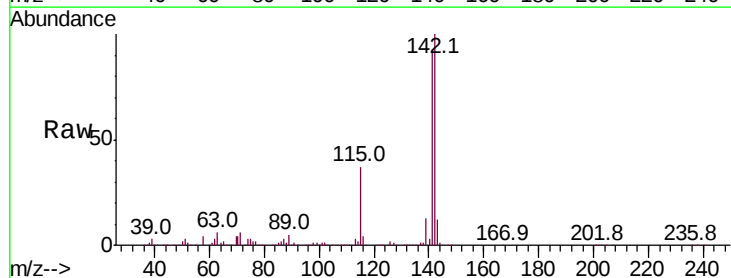
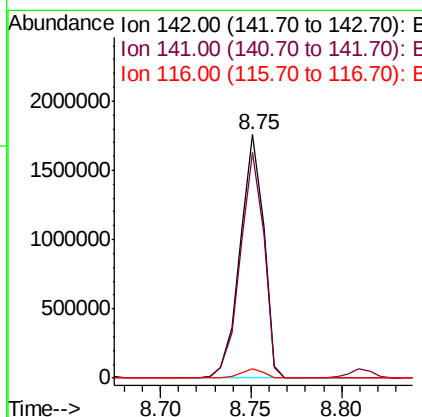
Manual Integrations
APPROVED

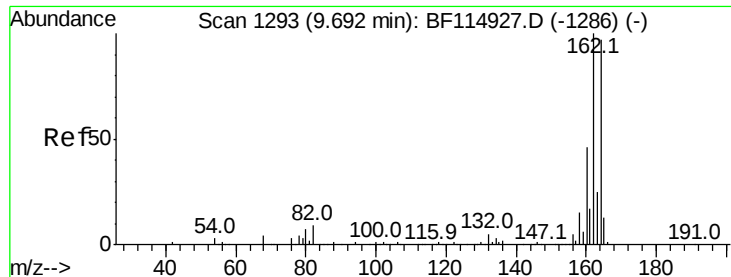
mohammad
6/12/2019 9:14:04 AM



#38
1-Methylnaphthalene
Concen: 42.110 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.7	110.5
116	4.0	3.1	4.7





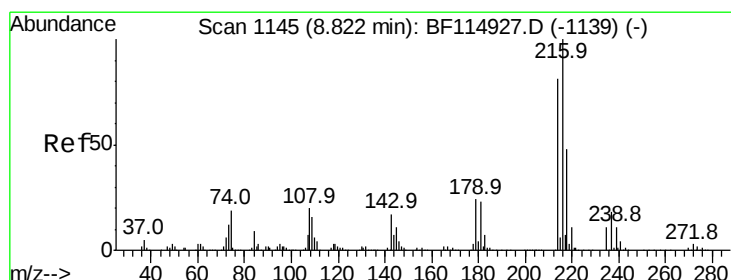
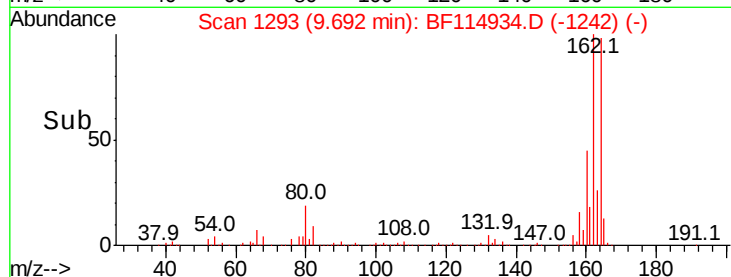
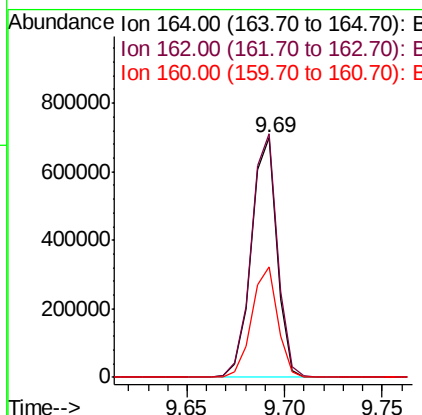
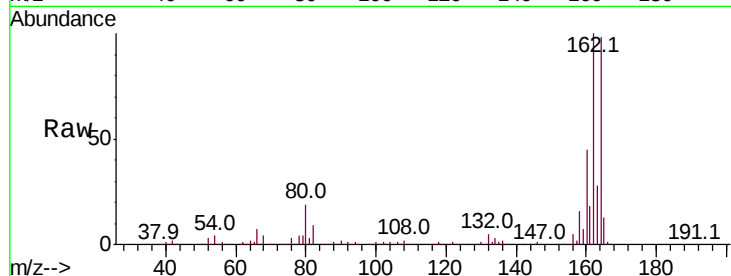
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	46.0	37.5	56.3

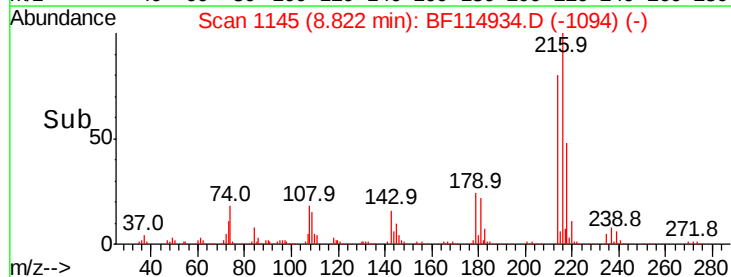
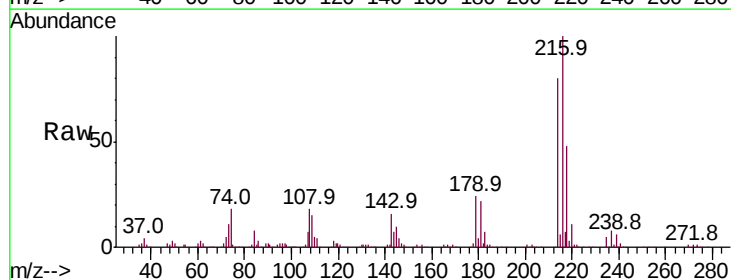
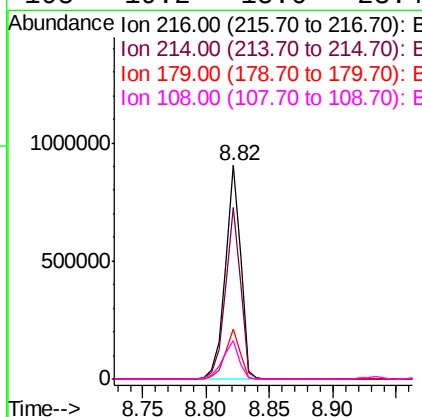
Manual Integrations
APPROVED

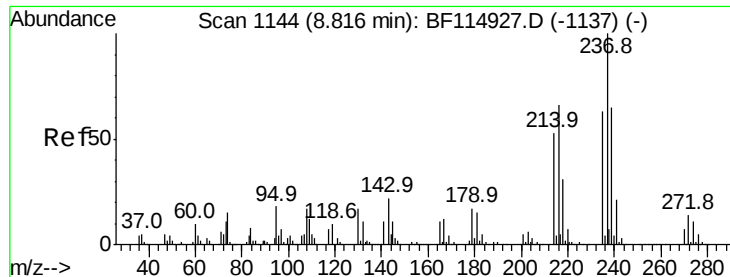
mohammad
6/12/2019 9:14:04 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.292 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.8	18.5	27.7
108	19.2	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 41.298 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

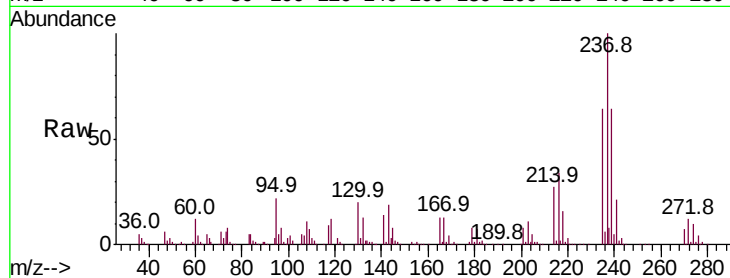
ClientSampleId :

ICVBF061019

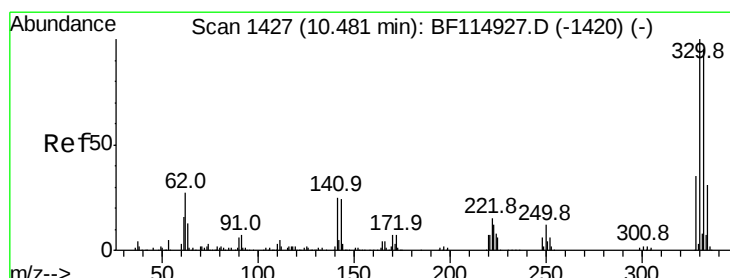
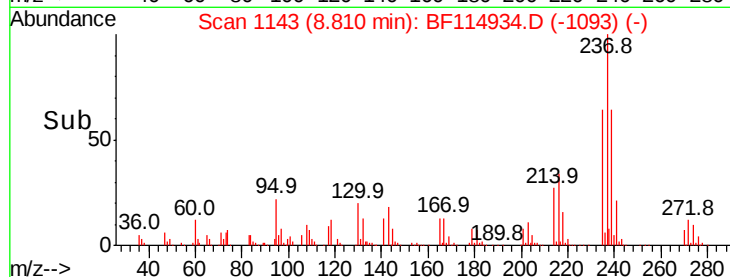
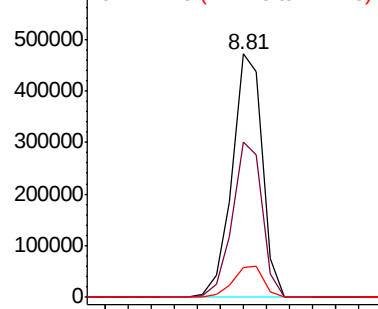
Tot Ion:	237	Resp:	430673
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.3	83.3
272	12.5	0.0	33.5

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 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: 82.589 ng

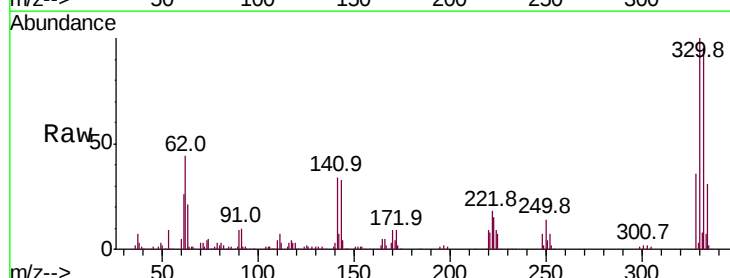
RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

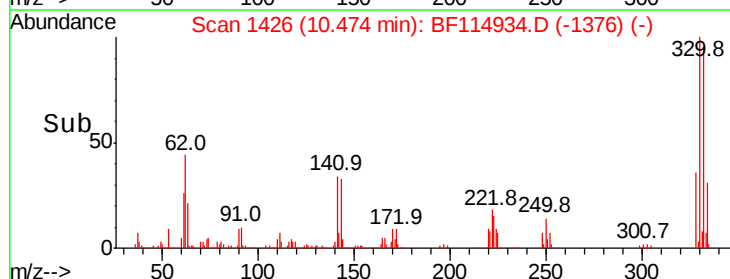
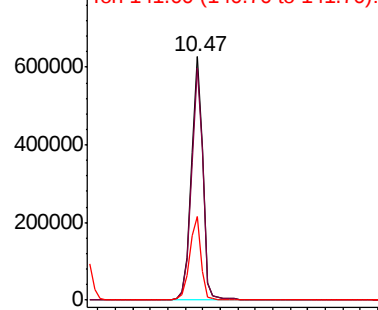
Lab File: BF114934.D

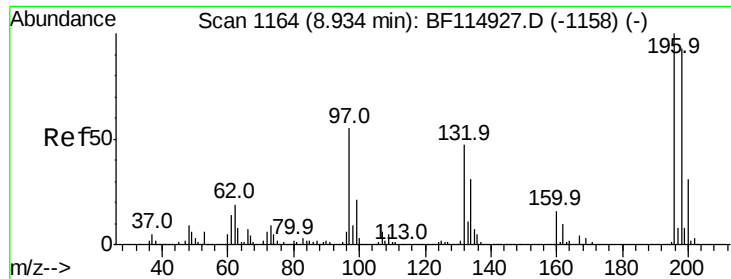
Acq: 10 Jun 2019 16:52

Tgt Ion:	330	Resp:	573270
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.4	114.6
141	34.1	26.8	40.2



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





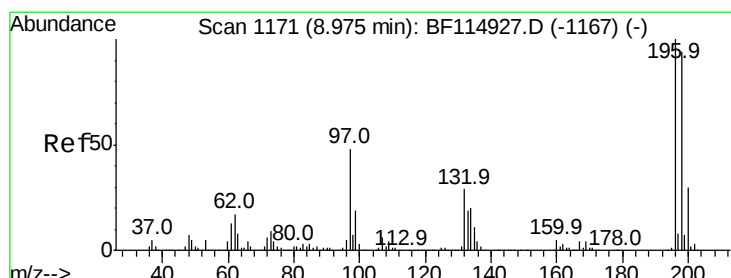
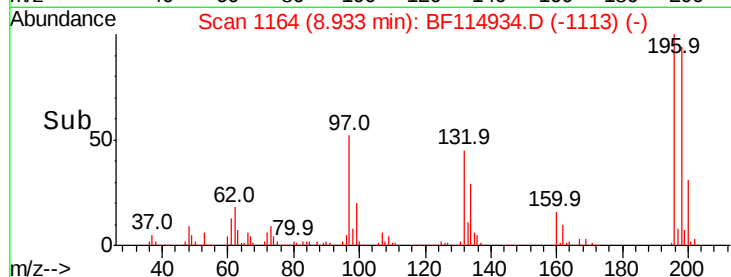
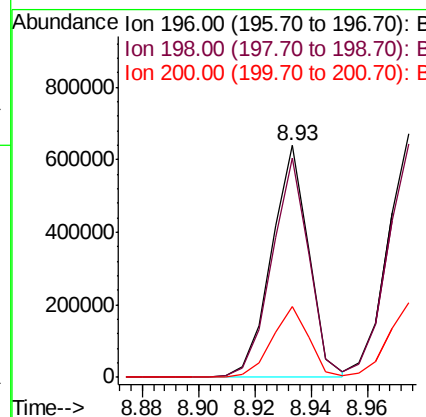
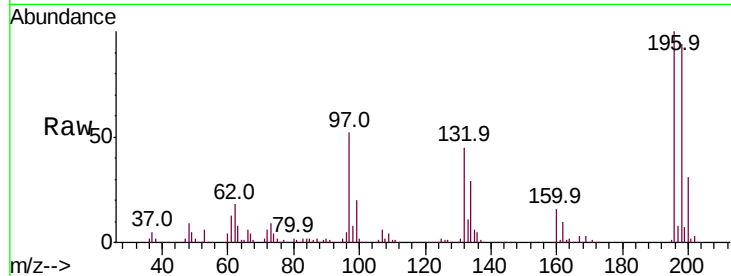
#43
 2,4,6-Trichlorophenol
 Concen: 41.703 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	580966		
198	94.4		74.8	112.2
200	30.6		24.5	36.7

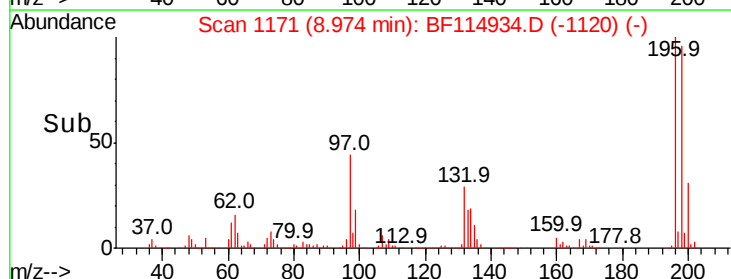
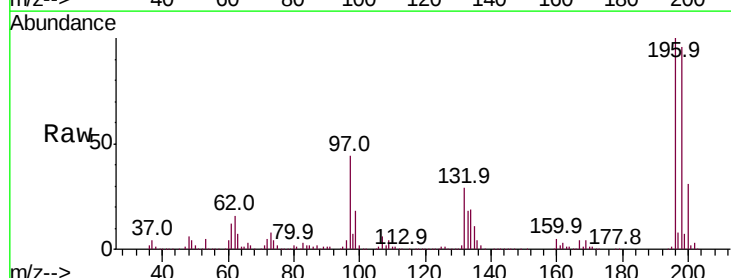
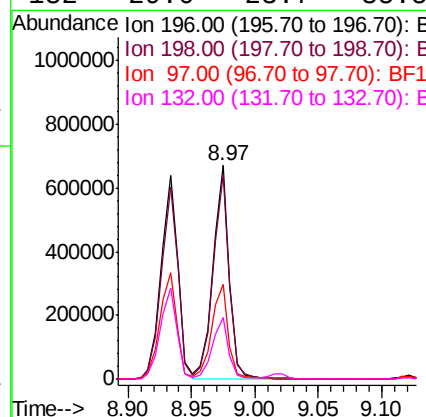
Manual Integrations
 APPROVED

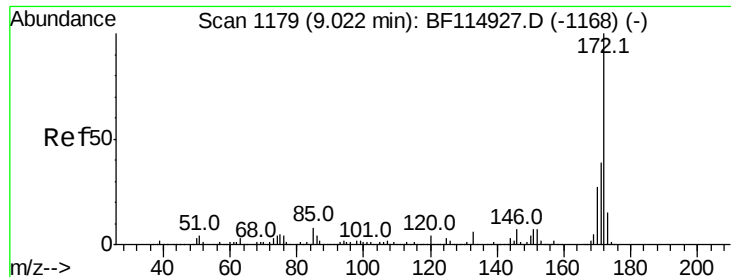
mohammad
 6/12/2019 9:14:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.669 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	598543		
198	96.1		75.6	113.4
97	44.4		38.6	57.8
132	29.0		23.7	35.5





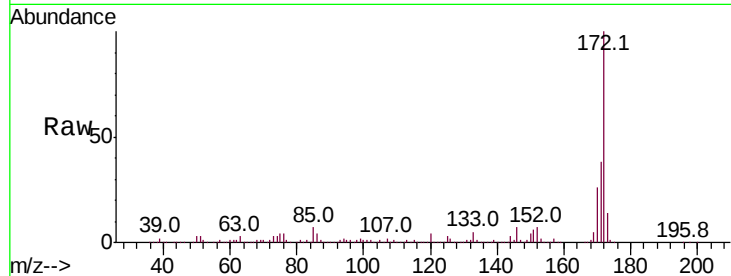
#45
2-Fluorobiphenyl
Concen: 74.834 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	26.3	21.4	32.0

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM

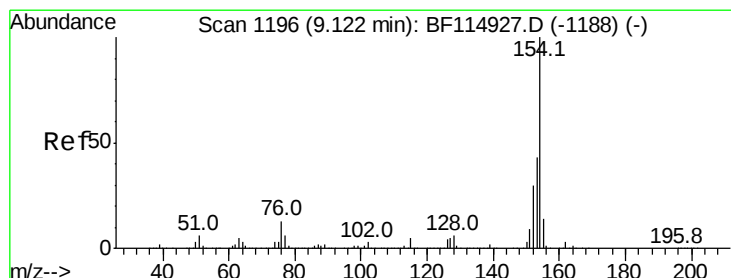
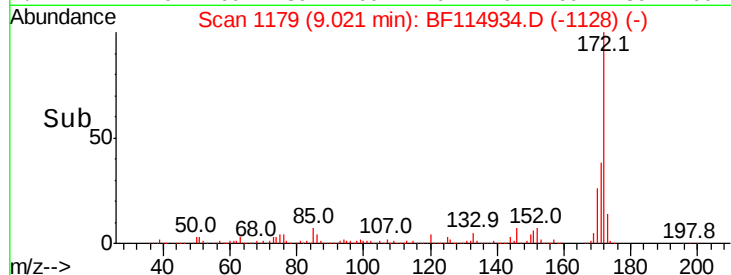
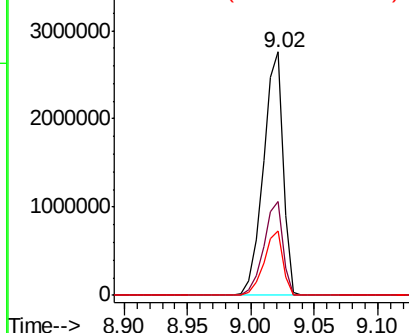


Abundance

Ion 172.00 (171.70 to 172.70): E

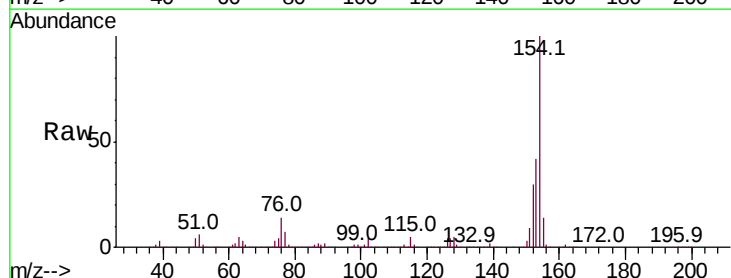
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.724 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.8	62.8
76	14.2	0.0	33.0

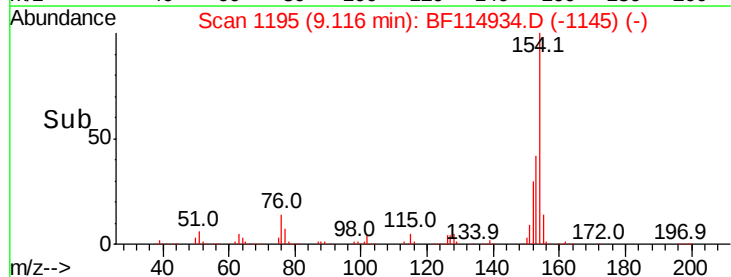
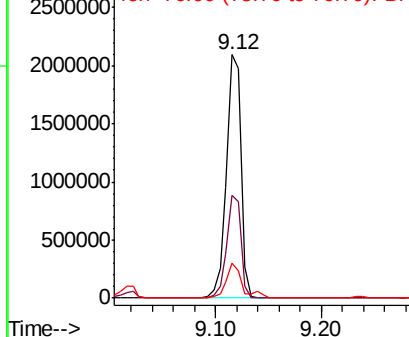


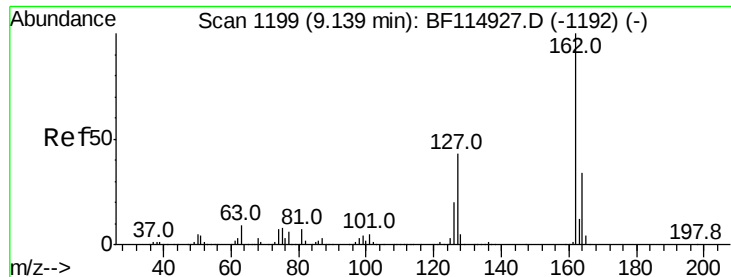
Abundance

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





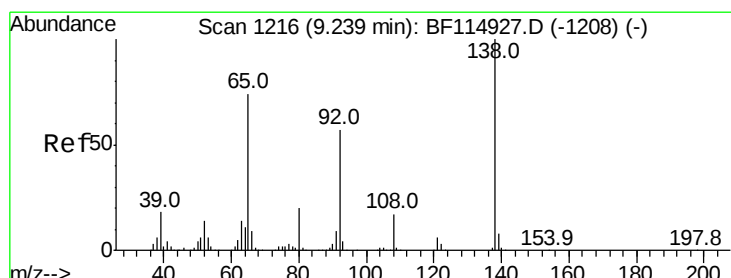
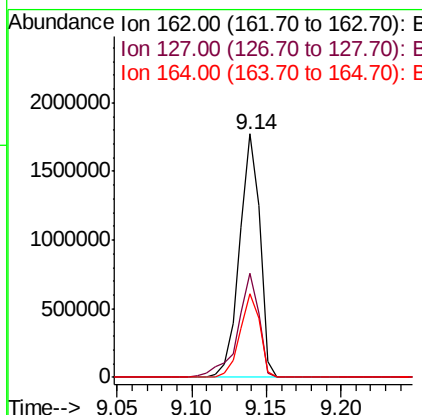
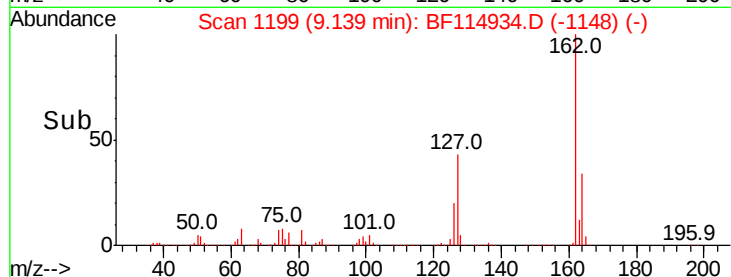
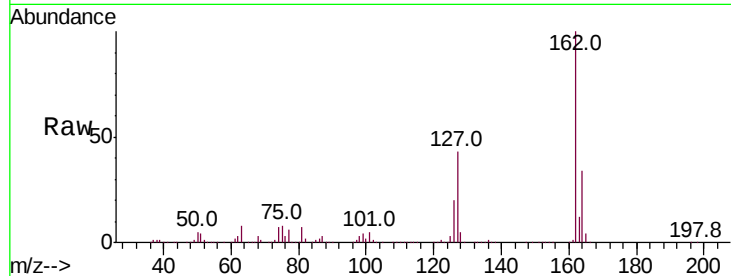
#47
2-Chloronaphthalene
Concen: 41.642 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	34.6	51.8
164	34.2	27.5	41.3

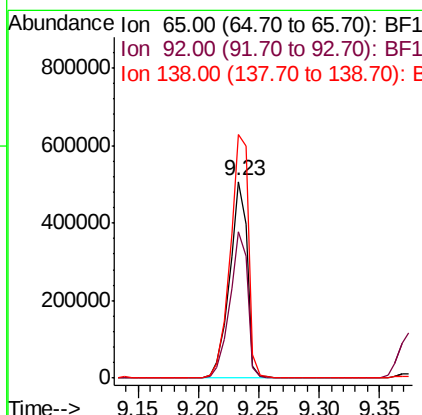
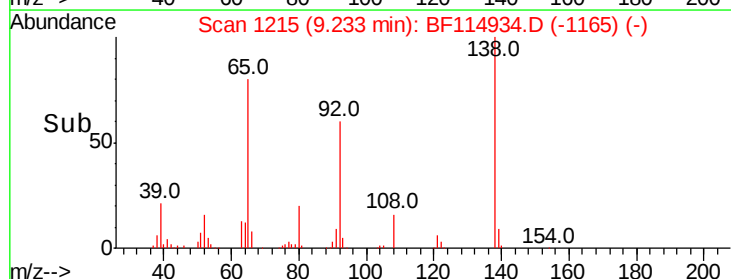
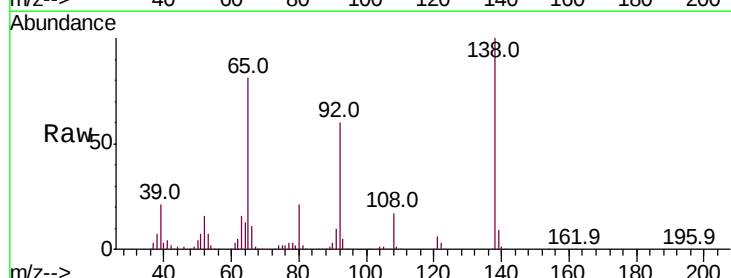
Manual Integrations
APPROVED

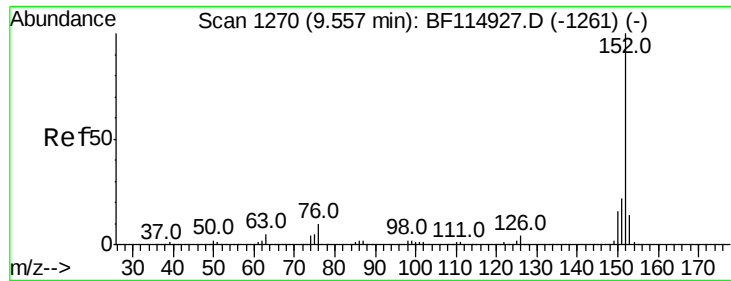
mohammad
6/12/2019 9:14:04 AM



#48
2-Nitroaniline
Concen: 41.746 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	61.9	92.9
138	123.9	108.6	162.8





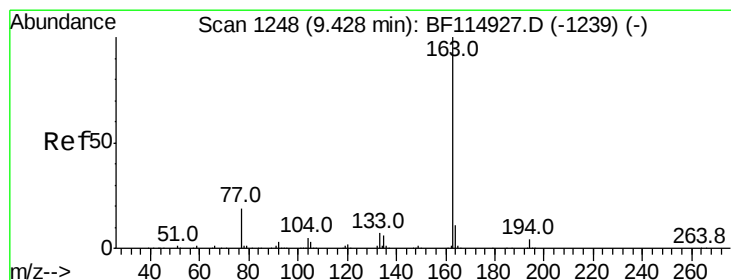
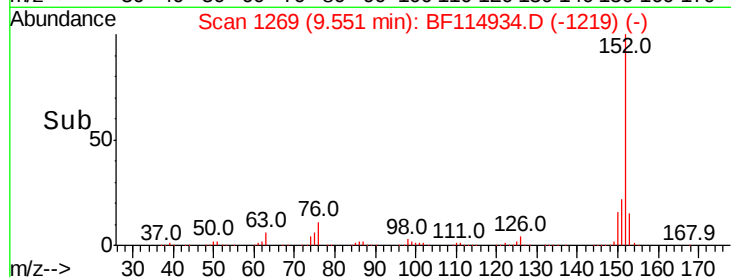
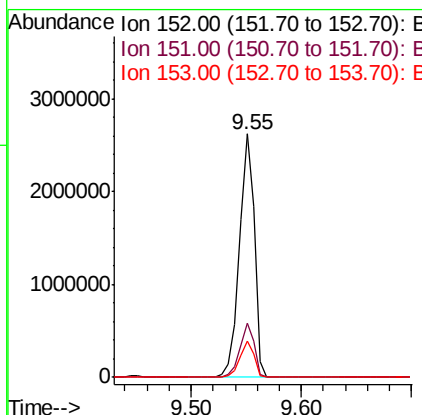
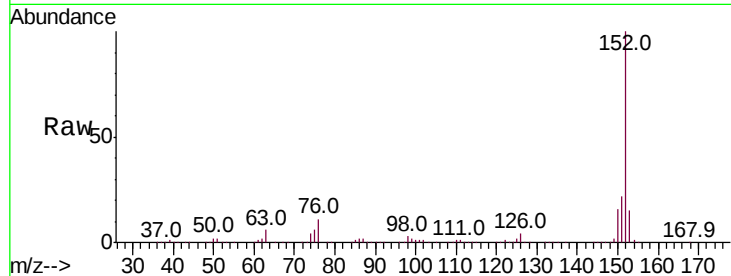
#49
Acenaphthylene
Concen: 42.046 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	14.9	11.4	17.0

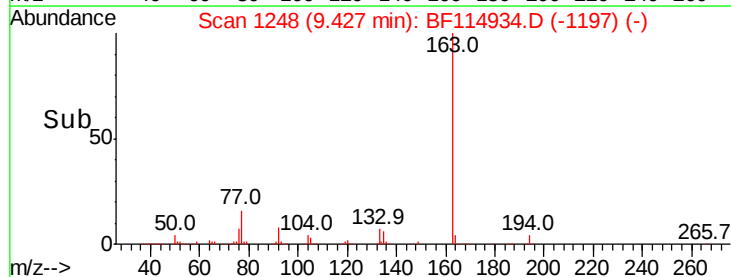
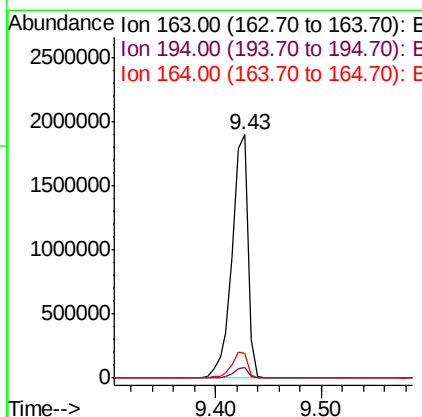
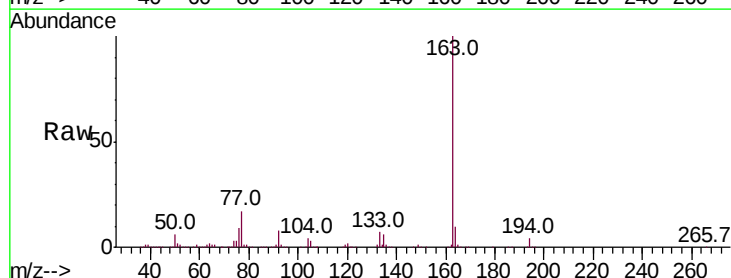
Manual Integrations
APPROVED

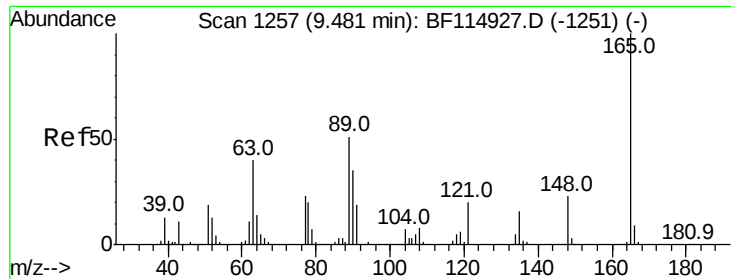
mohammad
6/12/2019 9:14:04 AM



#50
Dimethylphthalate
Concen: 41.023 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.4	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 41.491 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

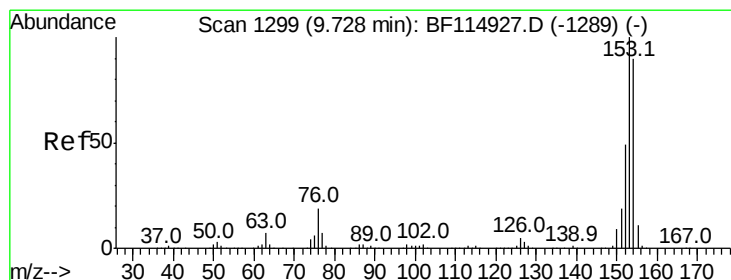
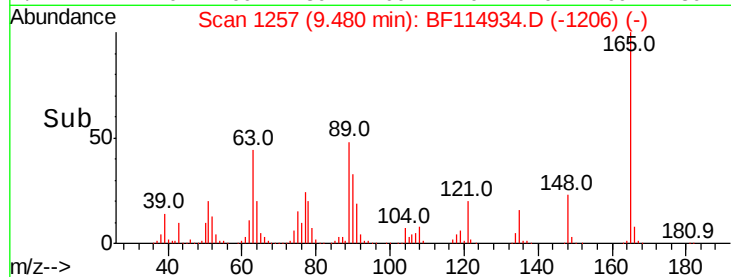
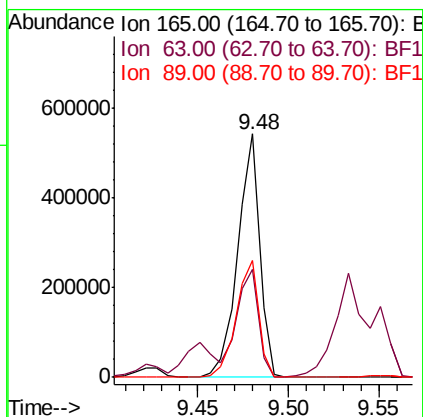
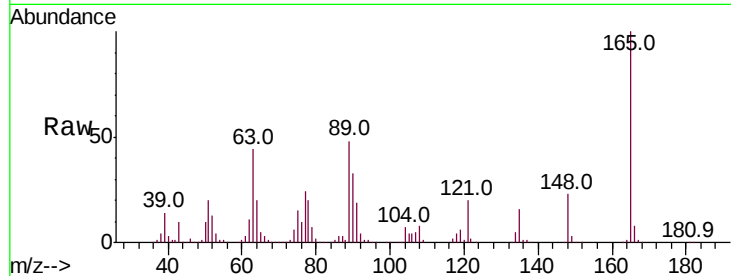
ClientSampleId :

ICVBF061019

Tot Ion:	165	Resp:	457043
Ion Ratio	Lower	Upper	
165	100		
63	44.2	38.3	57.5
89	47.9	40.8	61.2

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#52

Acenaphthene

Concen: 42.111 ng

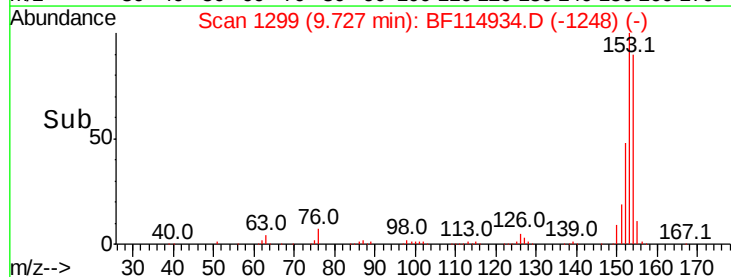
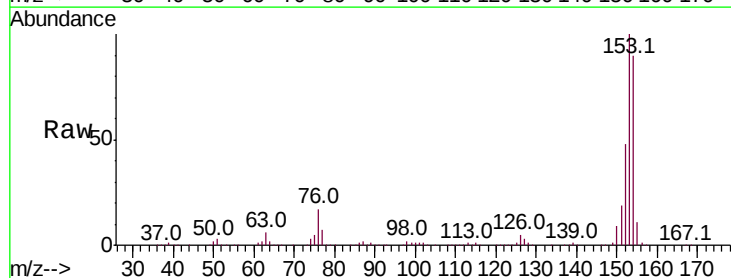
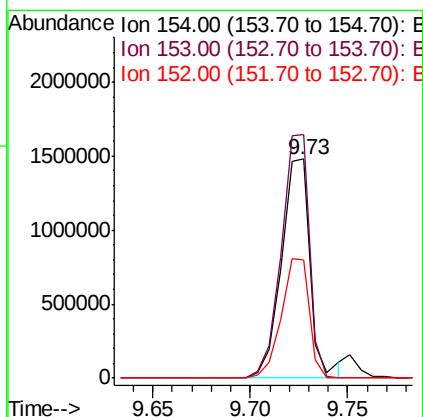
RT: 9.73 min Scan# 1299

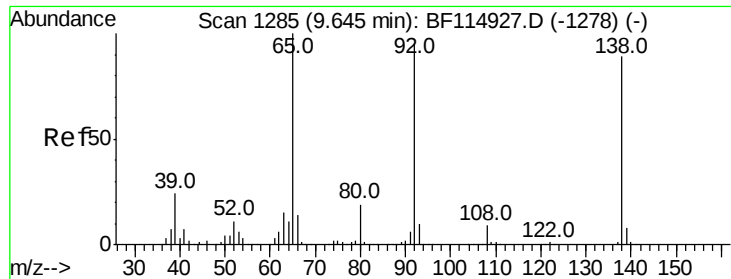
Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tgt Ion:	154	Resp:	1515033
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.1	133.7
152	53.8	43.8	65.6





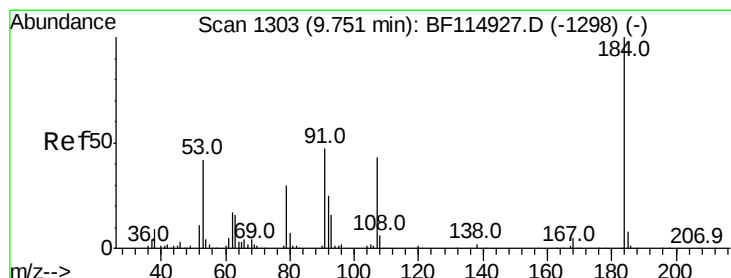
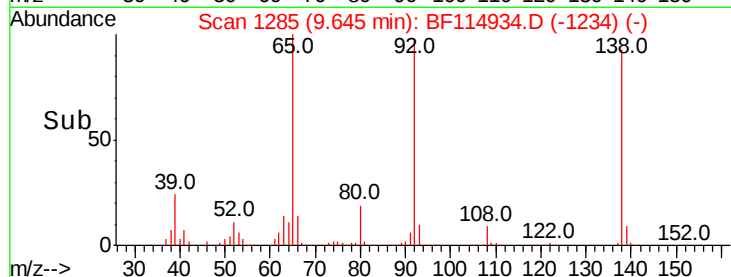
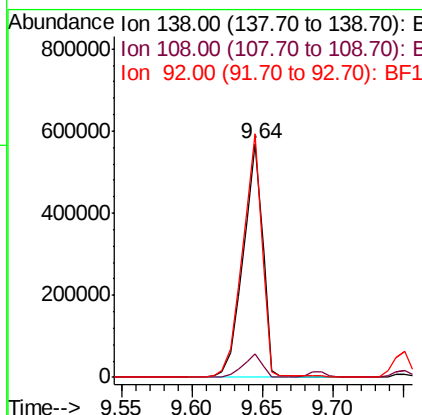
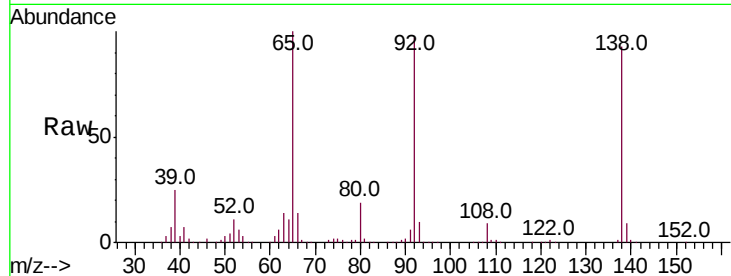
#53
3-Nitroaniline
Concen: 41.813 ng
RT: 9.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	104.3	85.0	127.6

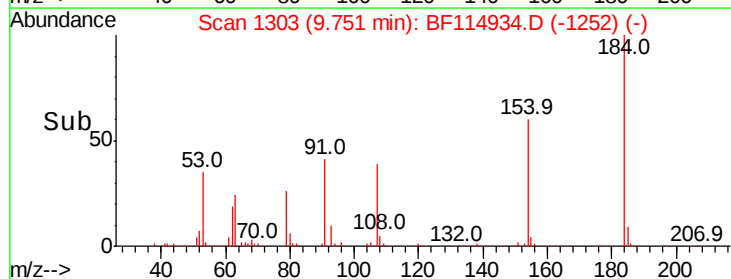
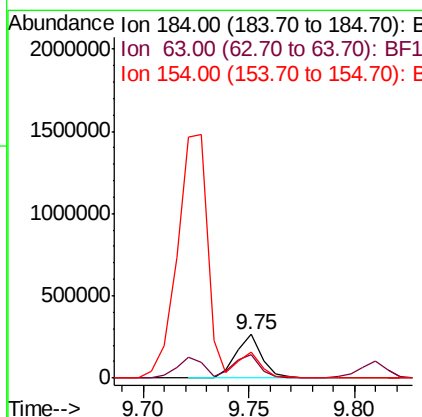
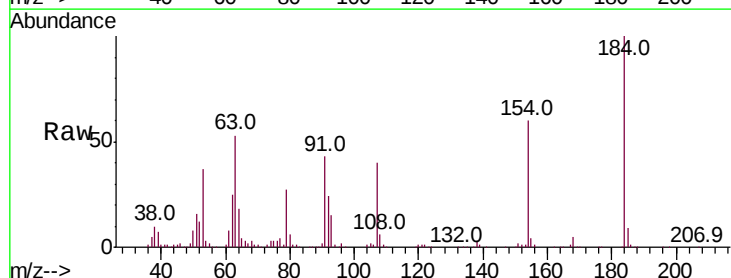
Manual Integrations
APPROVED

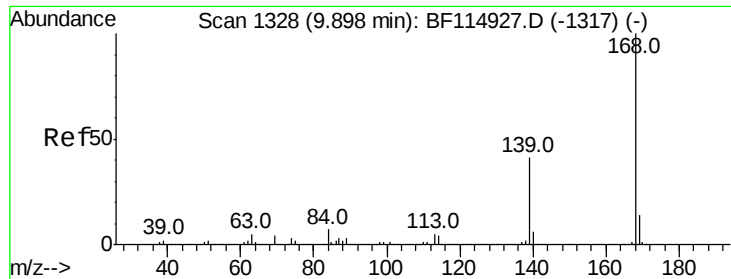
mohammad
6/12/2019 9:14:04 AM



#54
2,4-Dinitrophenol
Concen: 42.044 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	47.4	71.0
154	59.8	48.6	73.0





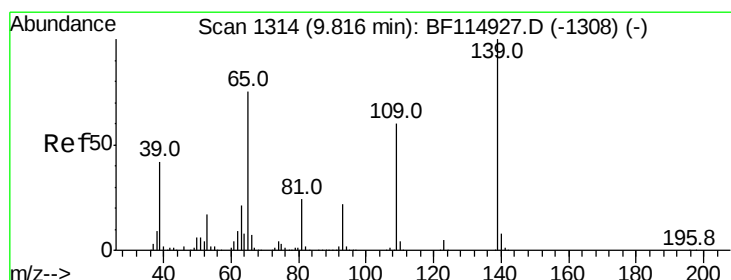
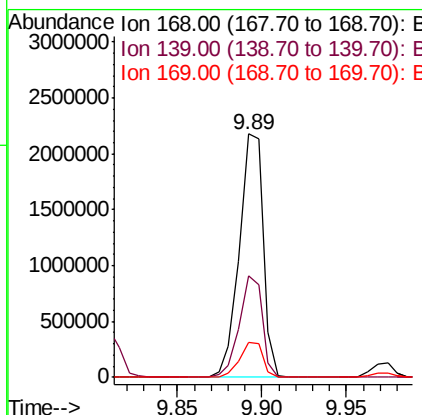
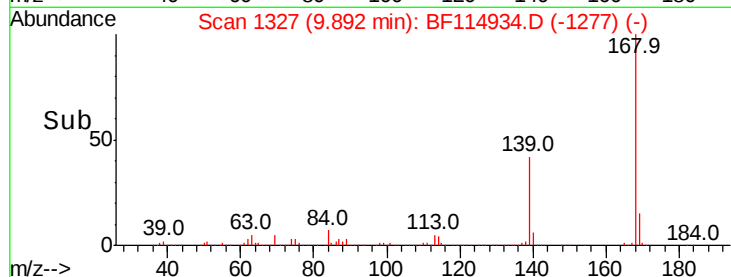
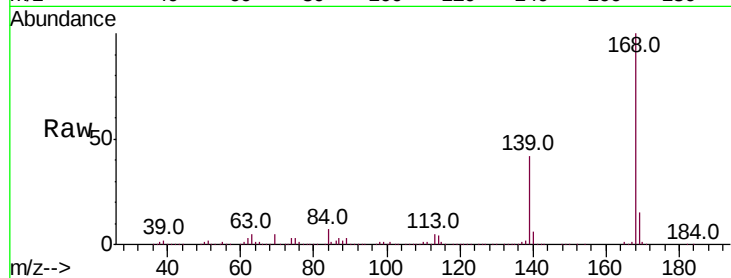
#55
Dibenzofuran
Concen: 42.055 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.4
169	14.6	11.6	17.4

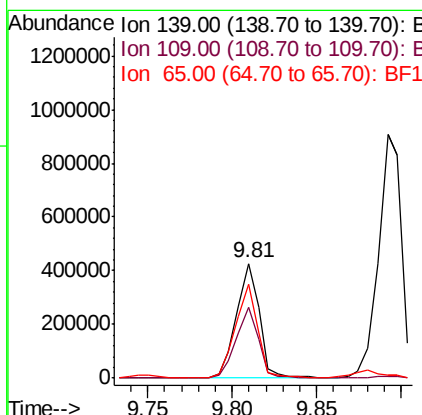
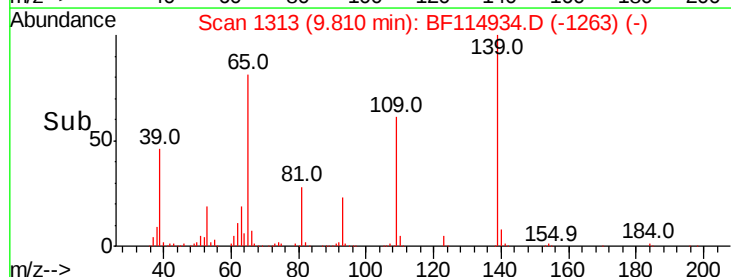
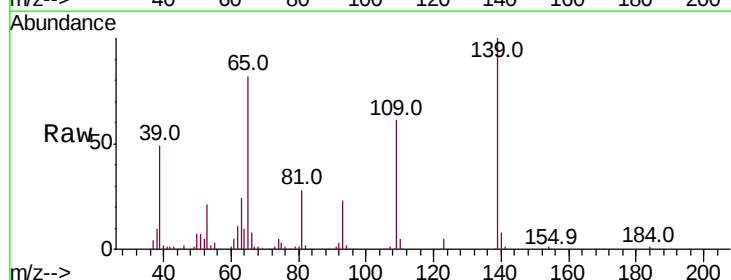
Manual Integrations
APPROVED

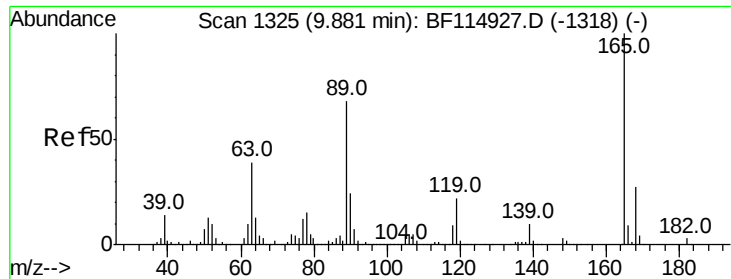
mohammad
6/12/2019 9:14:04 AM



#56
4-Nitrophenol
Concen: 42.955 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.5	40.0	80.0
65	81.6	55.0	95.0





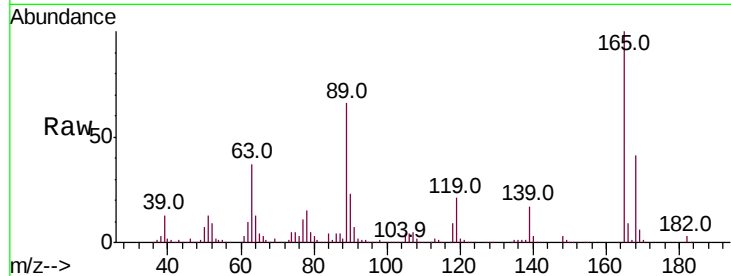
#57
2,4-Dinitrotoluene
Concen: 43.172 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	601120		
63	37.3		31.8	47.6
89	65.7		54.2	81.2
182	2.6		2.1	3.1

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



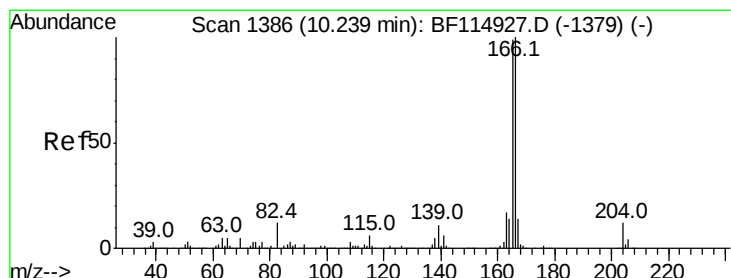
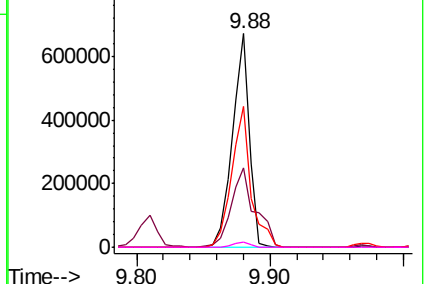
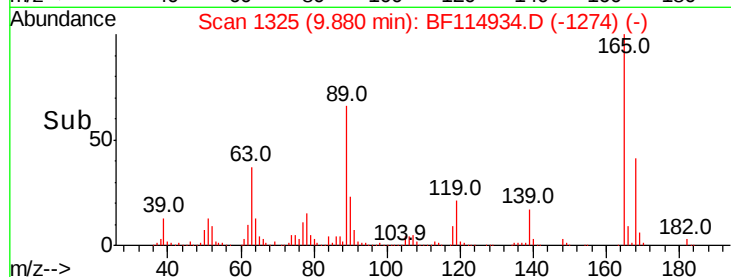
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

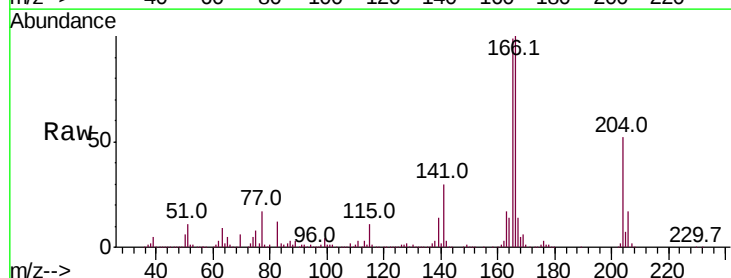
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.191 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1551520		
165	98.6		79.2	118.8
167	14.3		11.0	16.6

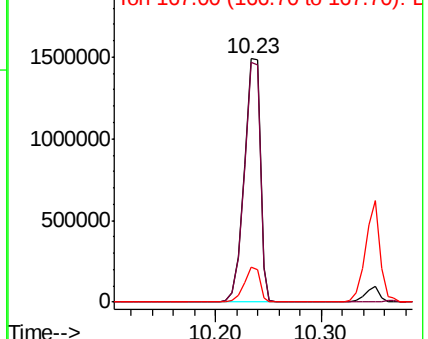
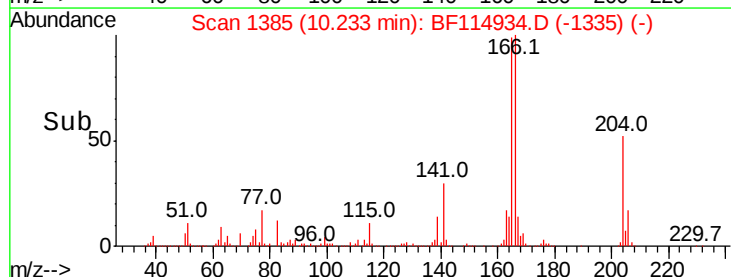


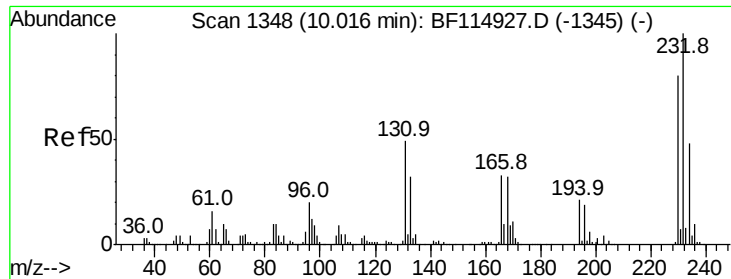
Abundance

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





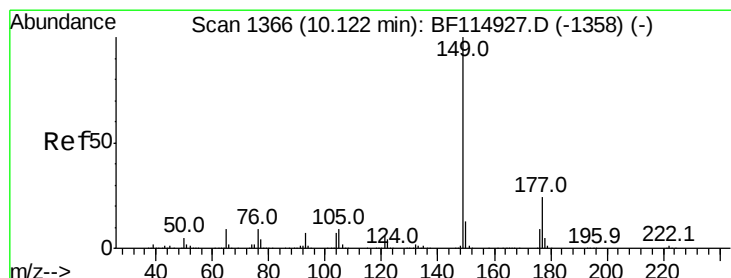
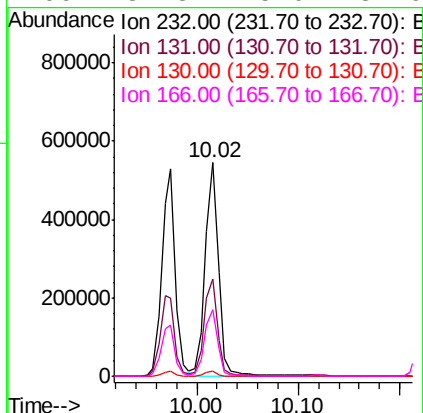
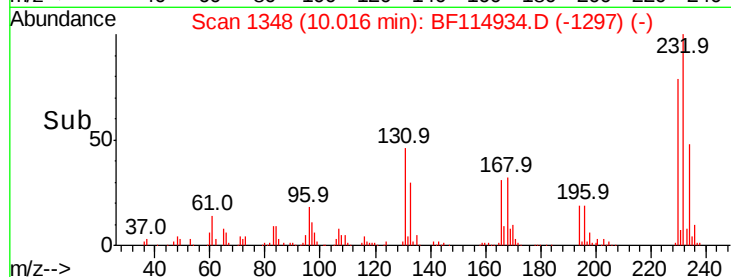
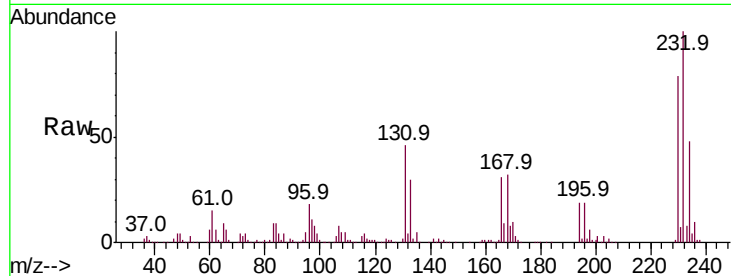
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.801 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.0	55.4
130	2.2	1.8	2.6
166	31.3	25.0	37.6

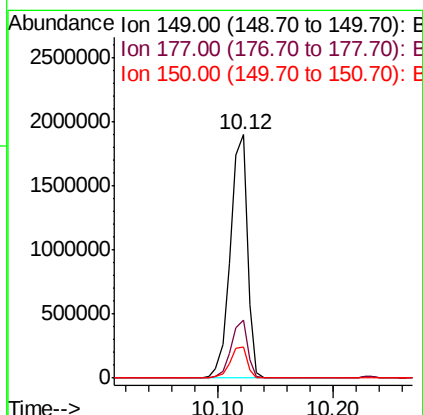
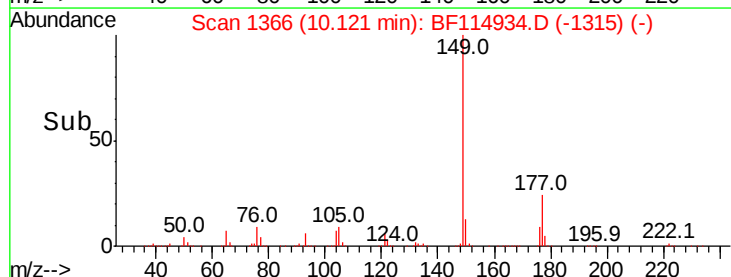
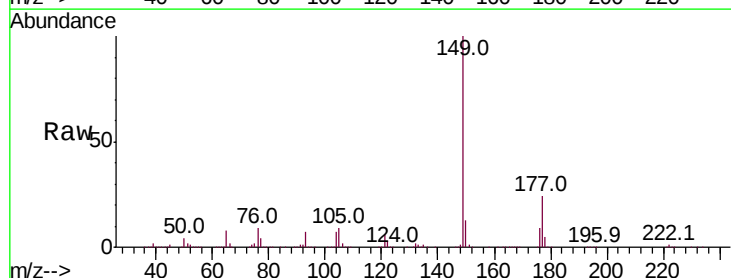
Manual Integrations
 APPROVED

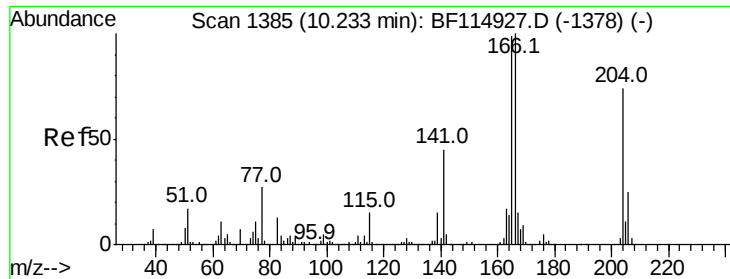
mohammad
 6/12/2019 9:14:04 AM



#60
 Diethylphthalate
 Concen: 41.667 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.9	10.6	16.0





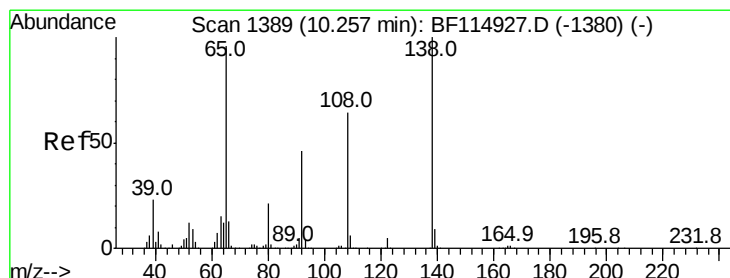
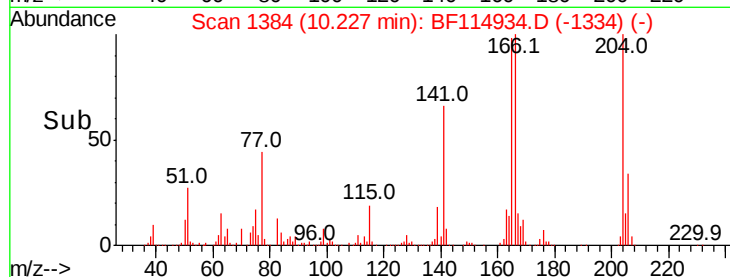
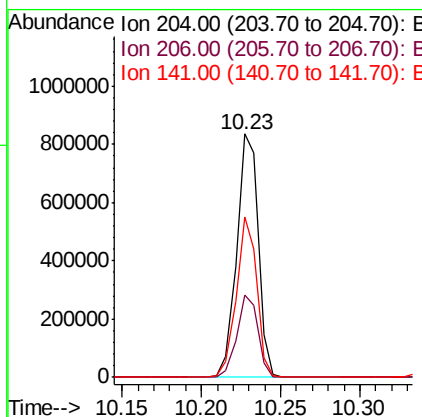
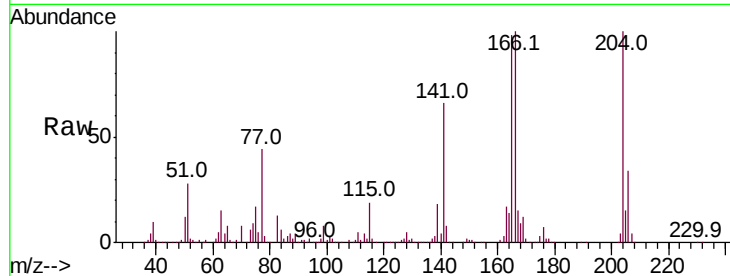
#61
4-Chlorophenyl-phenylether
Concen: 39.643 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.8	40.2
141	65.8	48.5	72.7

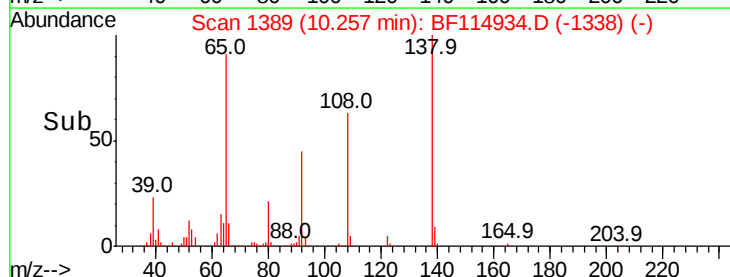
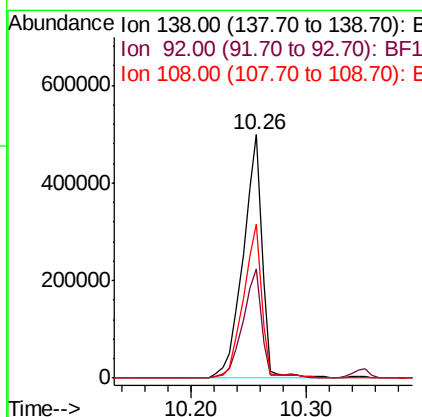
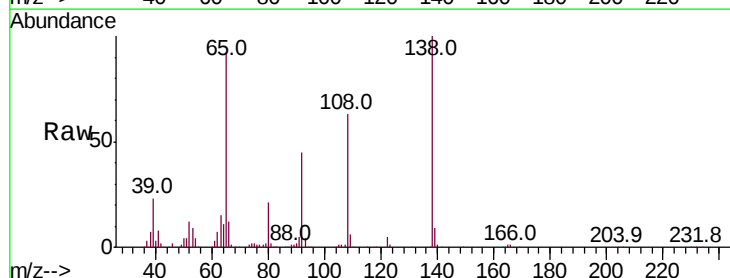
Manual Integrations
APPROVED

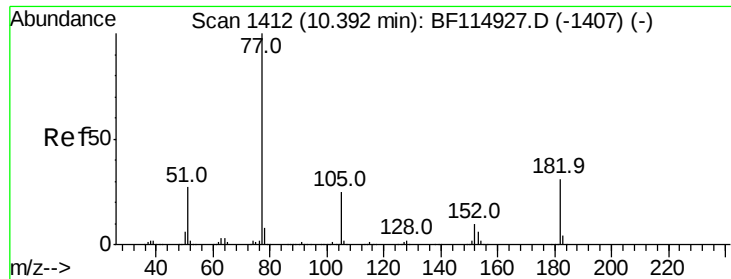
mohammad
6/12/2019 9:14:04 AM



#62
4-Nitroaniline
Concen: 42.027 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	63.4	44.0	84.0





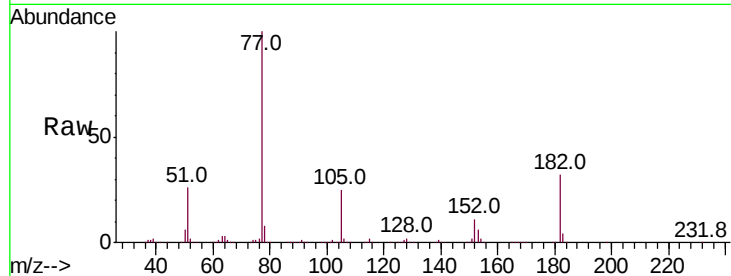
#63
Azobenzene
Concen: 41.808 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.6	10.8	50.8
105	25.2	5.3	45.3
51	25.8	6.8	46.8

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



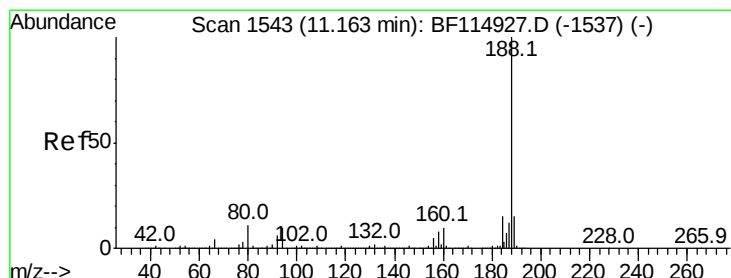
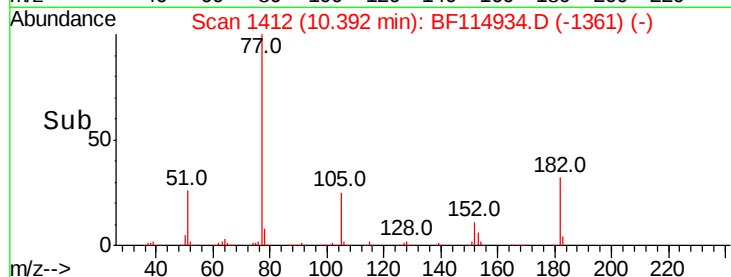
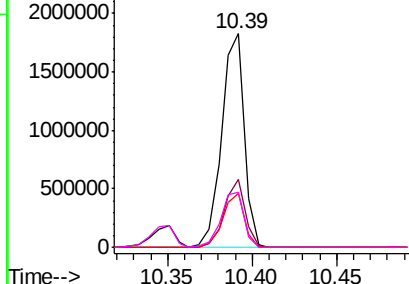
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

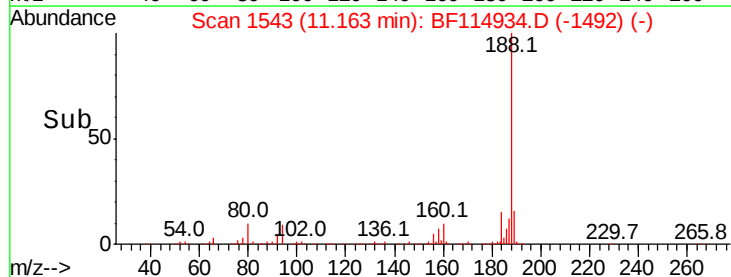
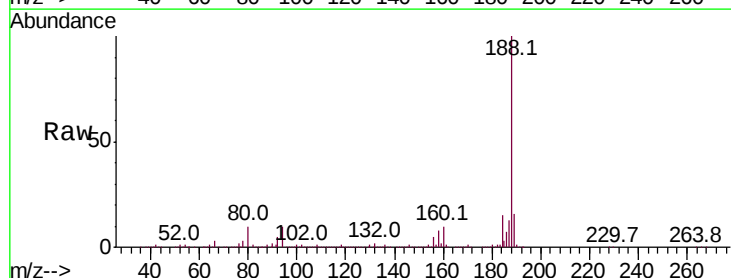
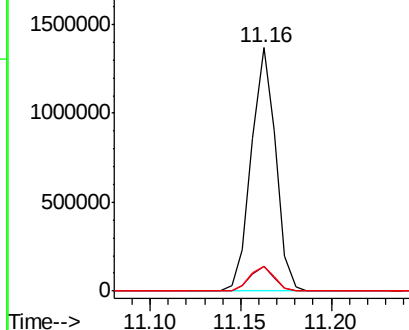
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.3	8.6	12.8

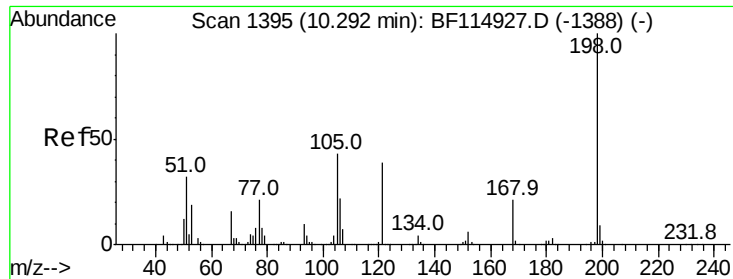
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





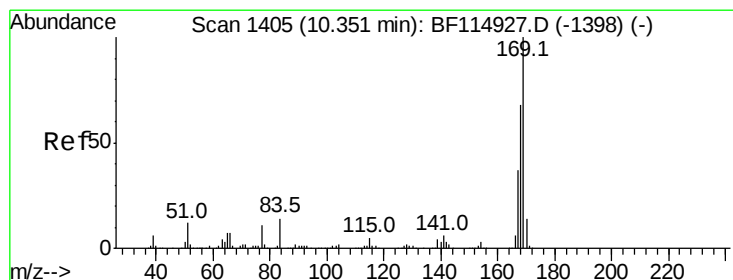
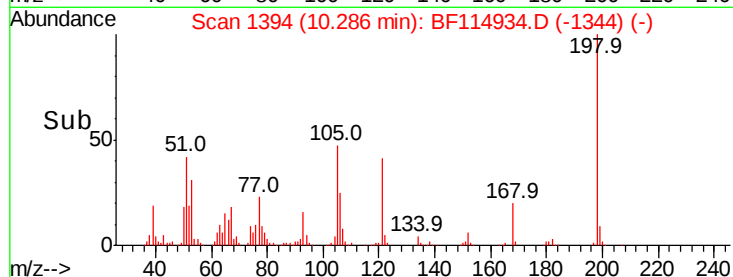
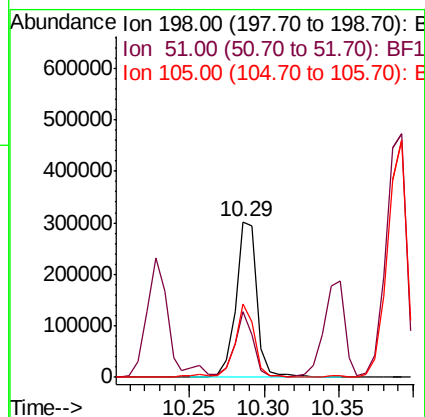
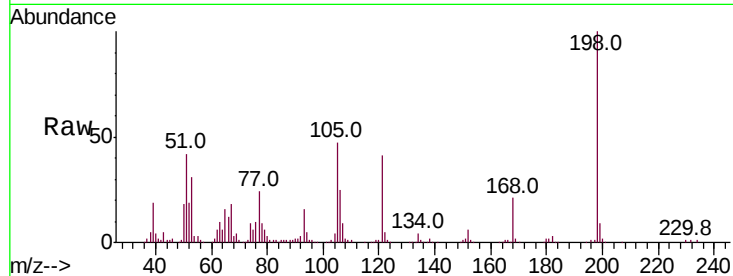
#65
4,6-Dinitro-2-methylphenol
Concen: 41.824 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	300377		
51	42.1	16.8	56.8	
105	46.9	23.5	63.5	

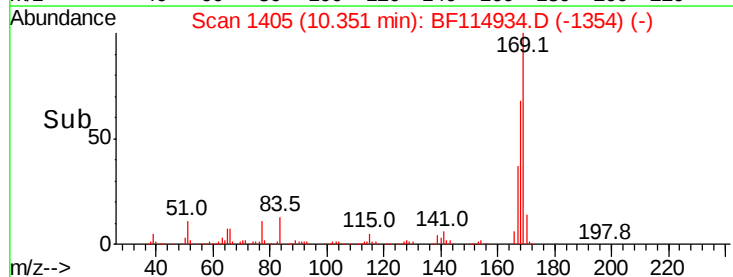
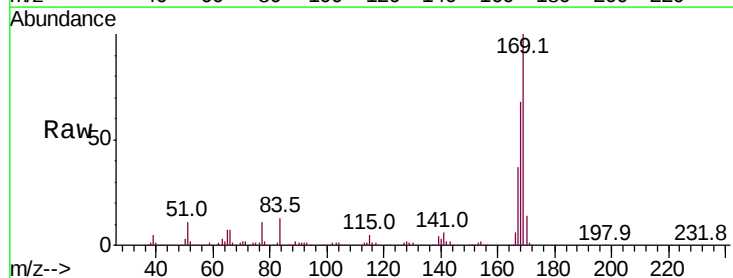
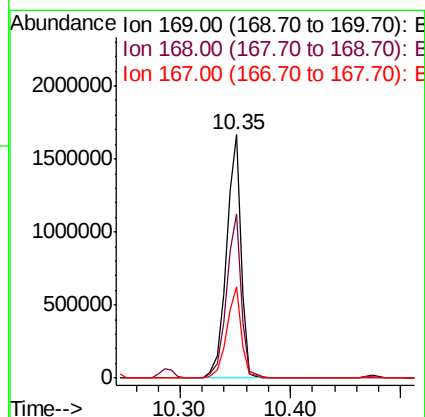
Manual Integrations
APPROVED

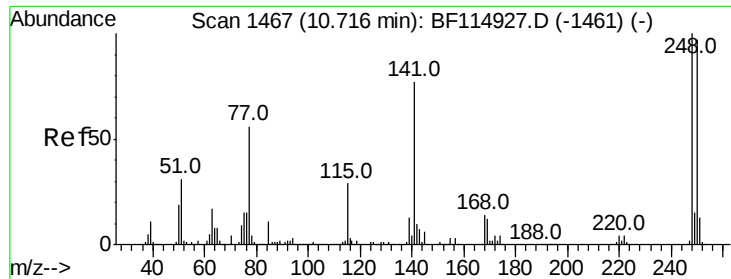
mohammad
6/12/2019 9:14:04 AM



#66
n-Nitrosodiphenylamine
Concen: 40.148 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1527552		
168	67.7	54.2	81.2	
167	37.3	29.4	44.2	





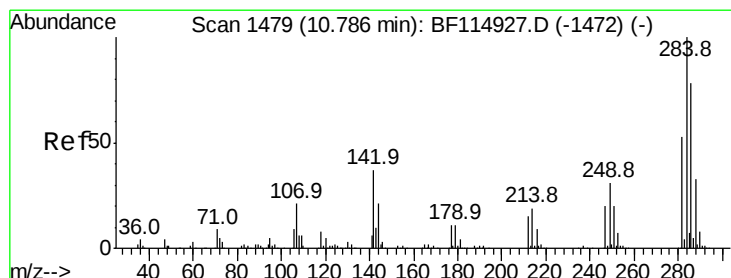
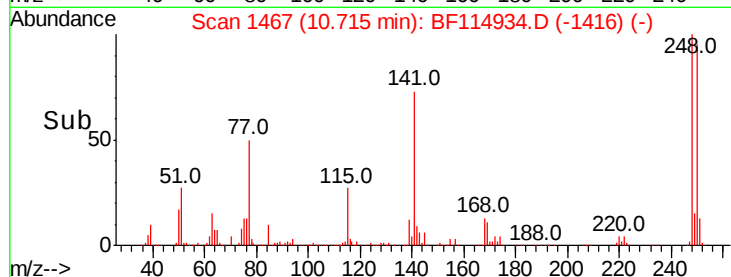
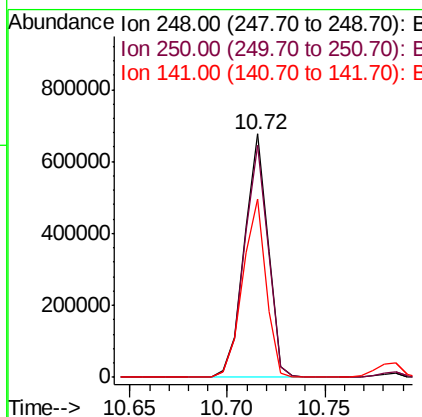
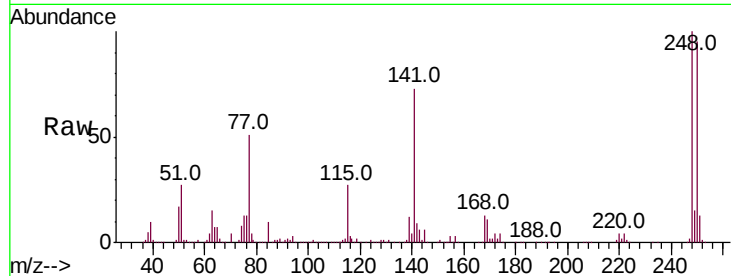
#67
 4-Bromophenyl-phenylether
 Concen: 41.027 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.0
141	73.3	61.8	92.6

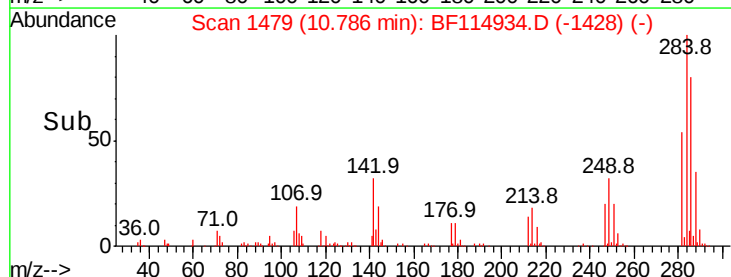
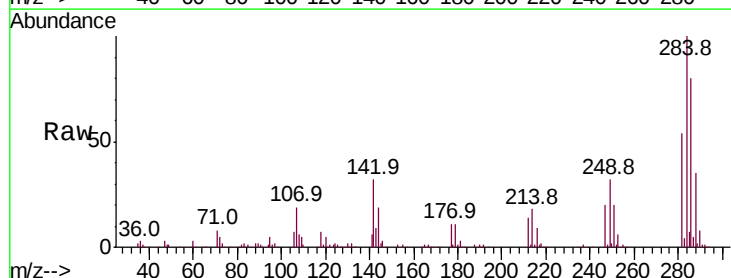
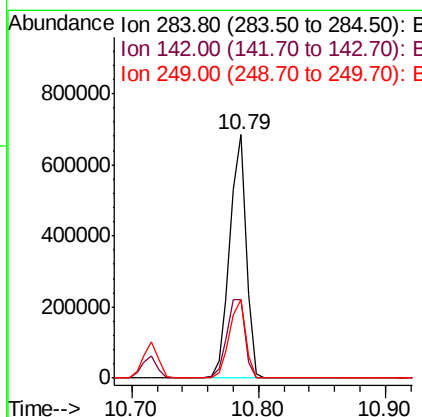
Manual Integrations
 APPROVED

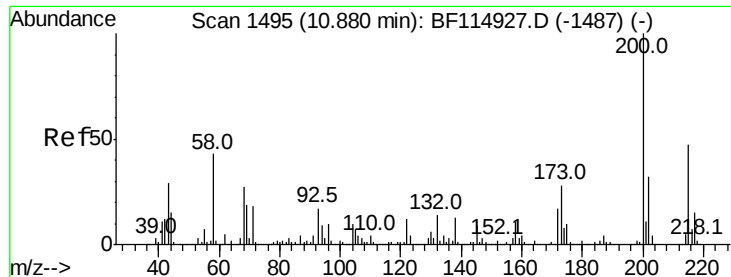
mohammad
 6/12/2019 9:14:04 AM



#68
 Hexachlorobenzene
 Concen: 40.091 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	29.3	43.9
249	32.0	25.1	37.7





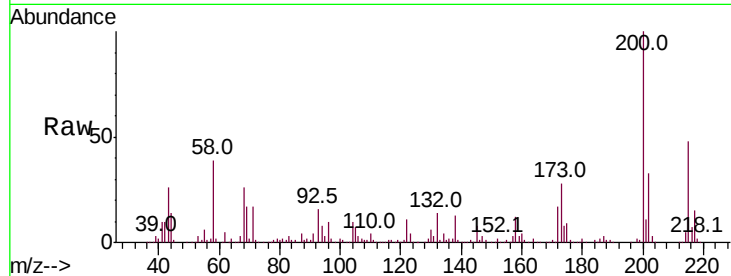
#69
Atrazine
Concen: 39.422 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	505401		
173	27.9	8.3	48.3	
215	48.2	26.6	66.6	

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM

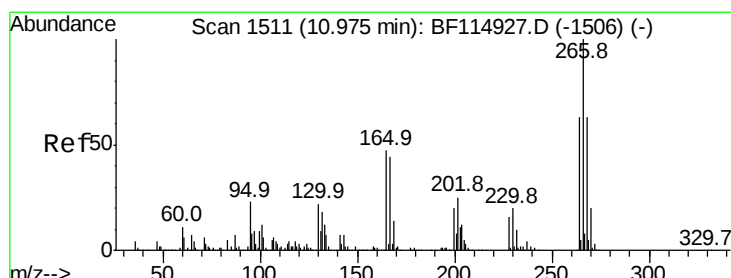
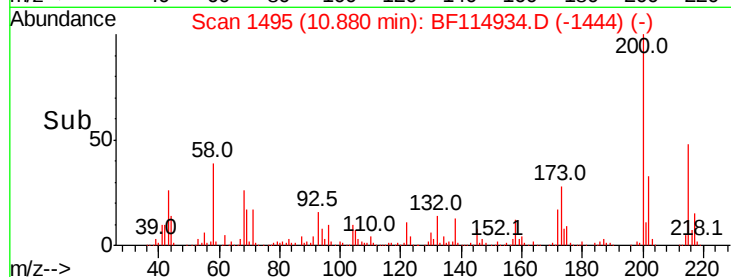
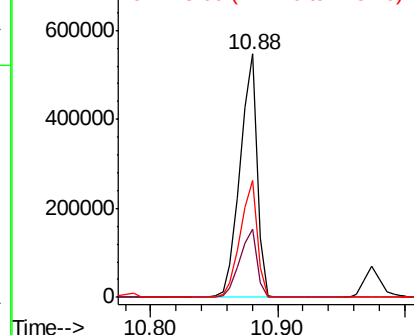


Abundance

Ion 200.00 (199.70 to 200.70): E

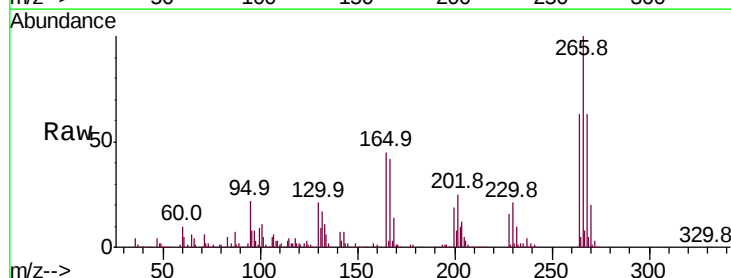
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.370 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	363956		
268	62.9	50.8	76.2	
264	63.2	50.4	75.6	

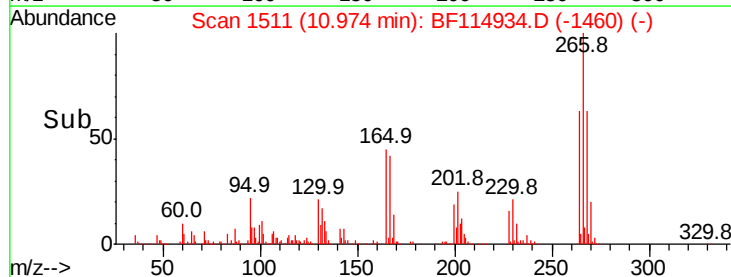
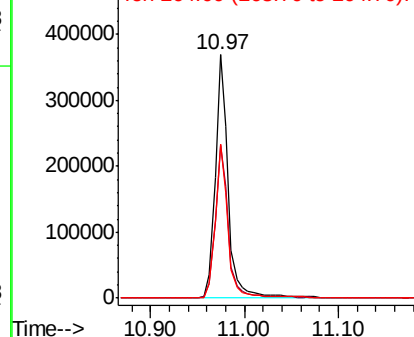


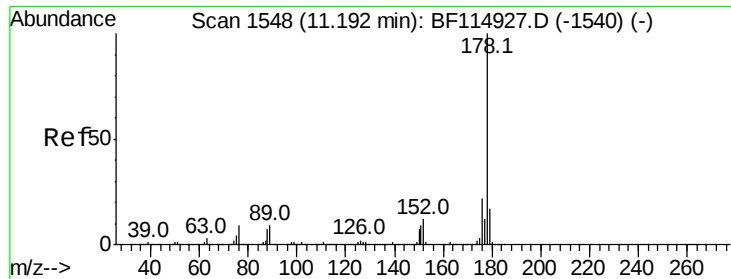
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





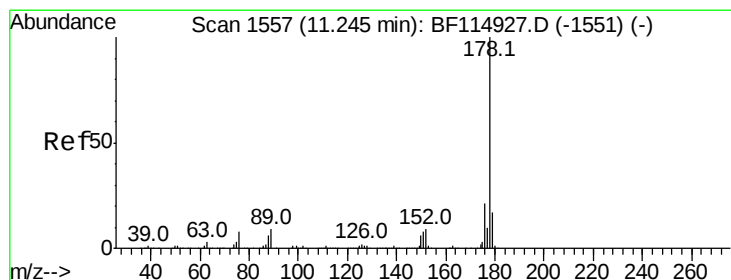
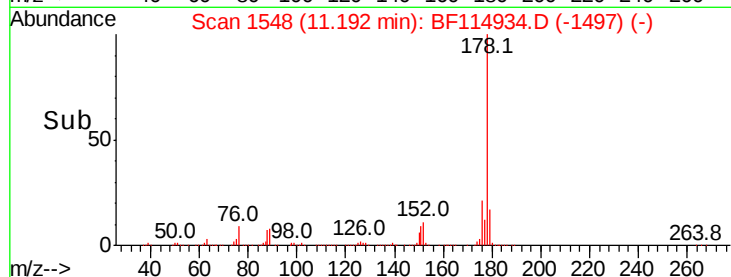
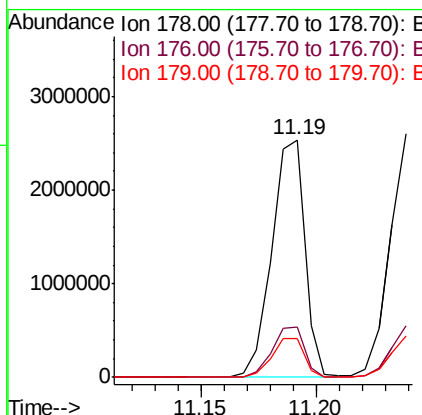
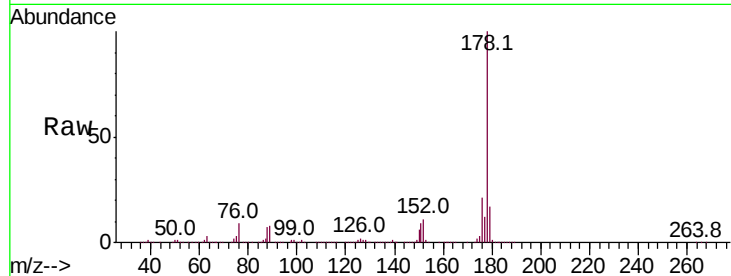
#71
Phenanthrene
Concen: 40.587 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion:178 Resp: 2521792
Ion Ratio Lower Upper
178 100
176 21.1 17.4 26.2
179 16.6 13.6 20.4

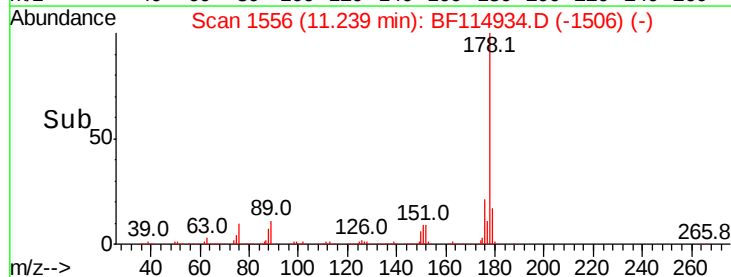
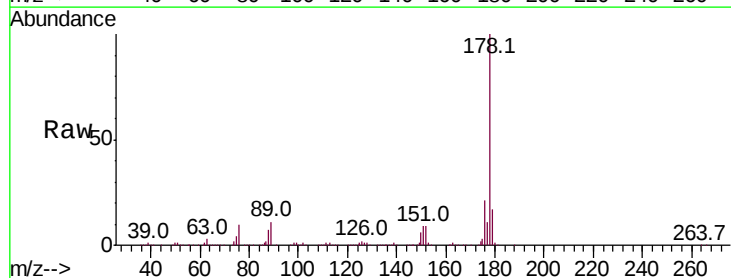
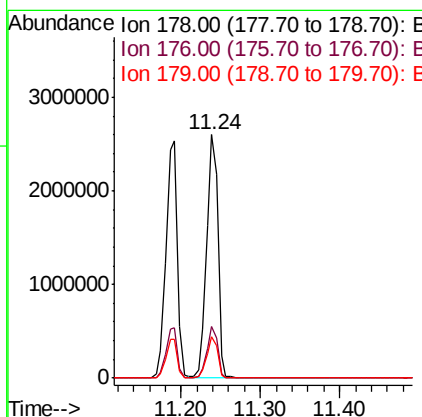
Manual Integrations
APPROVED

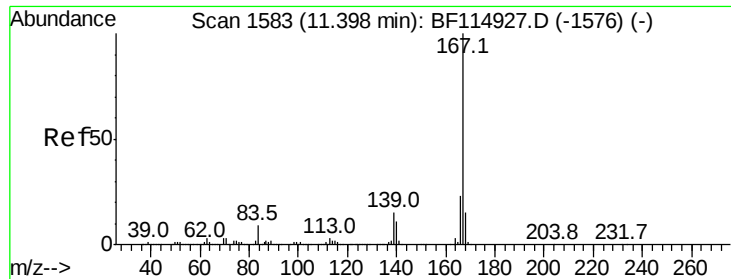
mohammad
6/12/2019 9:14:04 AM



#72
Anthracene
Concen: 41.208 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion:178 Resp: 2598799
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 17.0 13.4 20.2





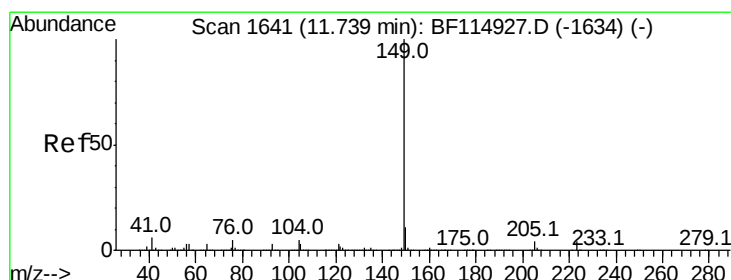
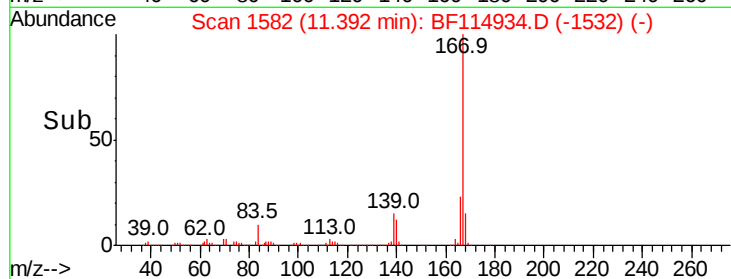
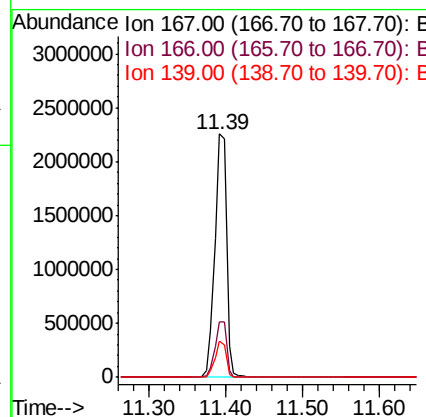
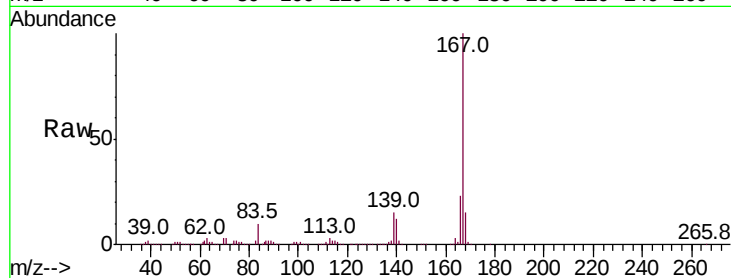
#73
 Carbazole
 Concen: 40.965 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061019

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.8	28.2
139	15.0	11.6	17.4

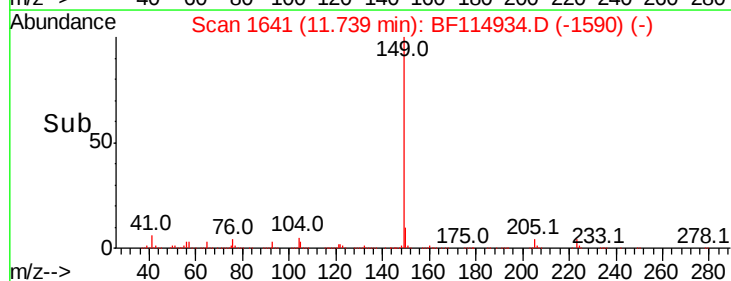
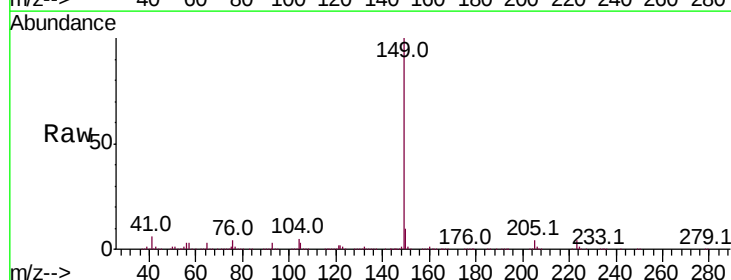
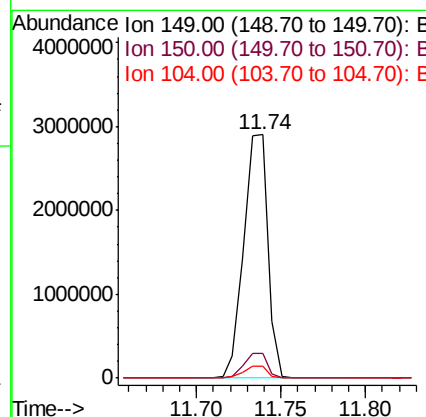
Manual Integrations
 APPROVED

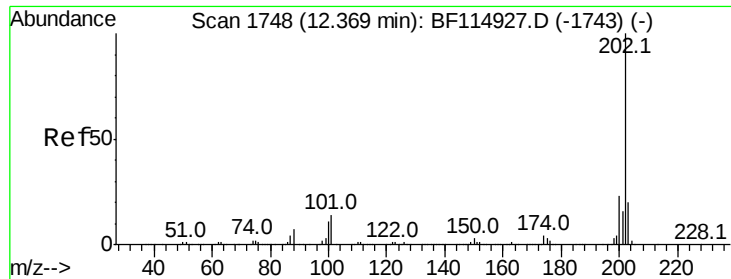
mohammad
 6/12/2019 9:14:04 AM



#74
 Di-n-butylphthalate
 Concen: 40.807 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114934.D
 Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.5	12.7
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 41.352 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

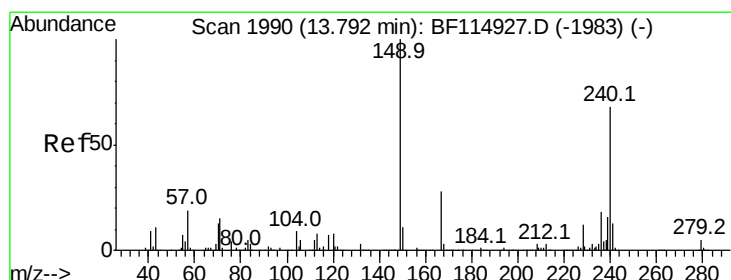
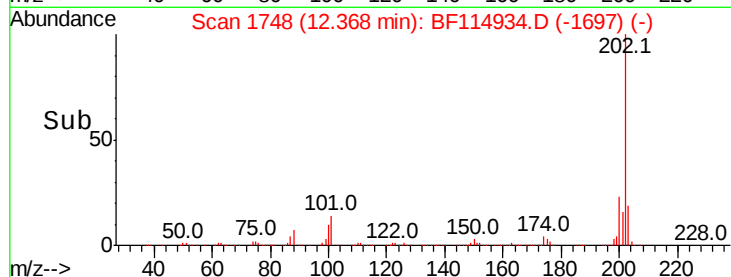
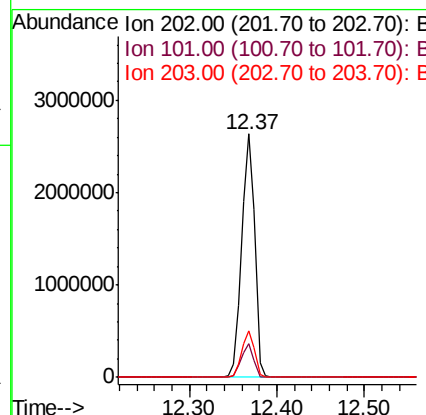
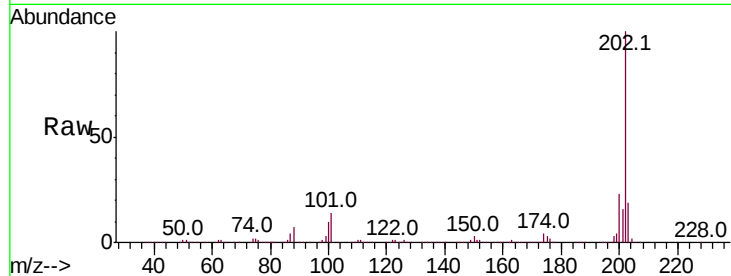
ClientSampleId :

ICVBF061019

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.3
203	19.3	0.0	39.6

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#76

Chrysene-d12

Concen: 20.000 ng

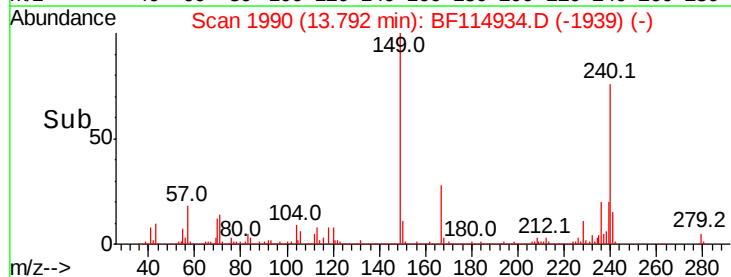
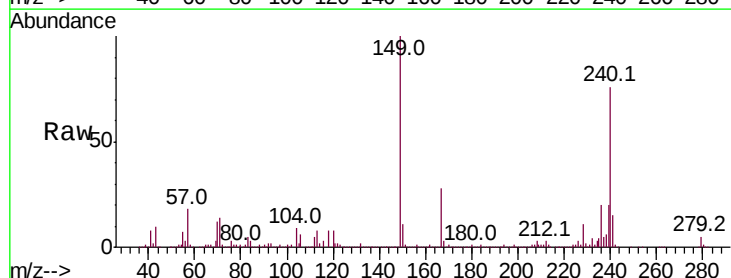
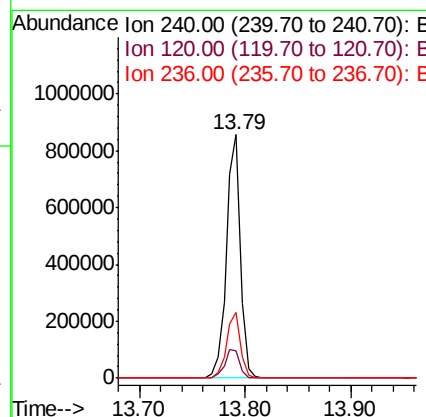
RT: 13.79 min Scan# 1990

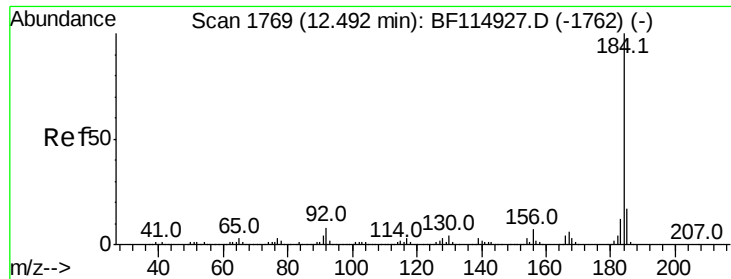
Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.2	13.8
236	27.1	21.7	32.5





#77

Benzidine

Concen: 39.039 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion:184 Resp: 1353813

Ion Ratio Lower Upper

184 100

185 17.6 13.4 20.0

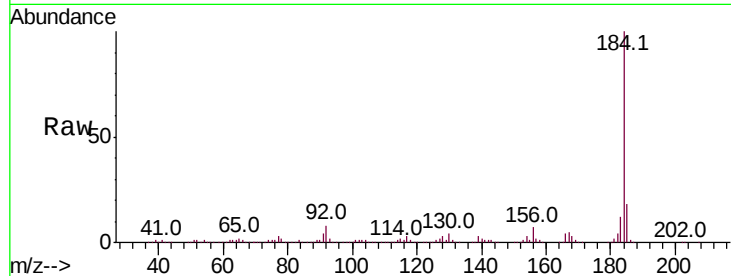
183 12.1 9.8 14.6

Manual Integrations

APPROVED

mohammad

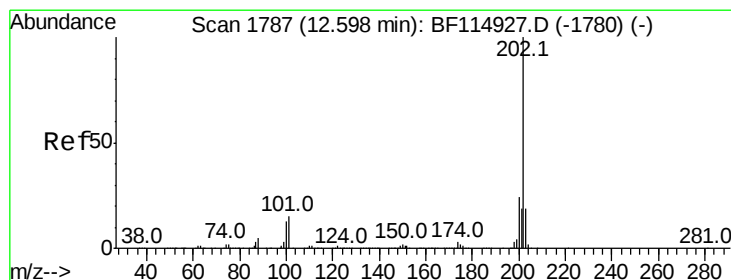
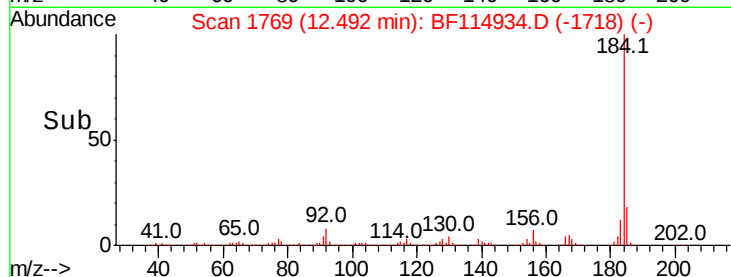
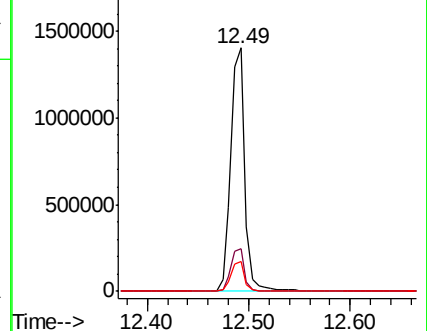
6/12/2019 9:14:04 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.995 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

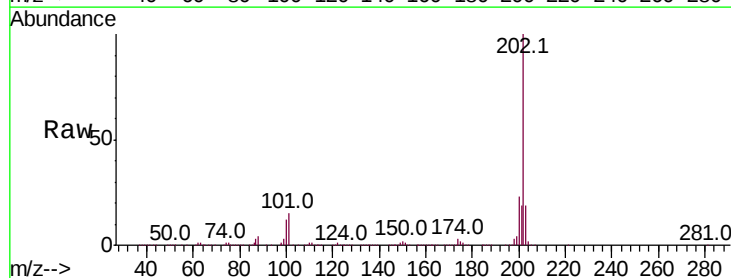
Tgt Ion:202 Resp: 2691171

Ion Ratio Lower Upper

202 100

200 23.0 18.9 28.3

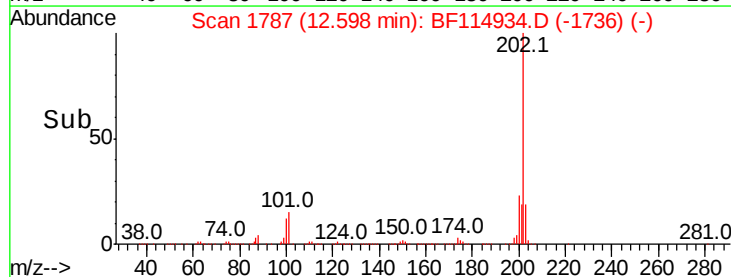
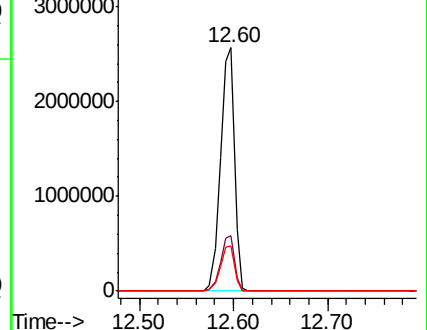
203 18.6 15.2 22.8

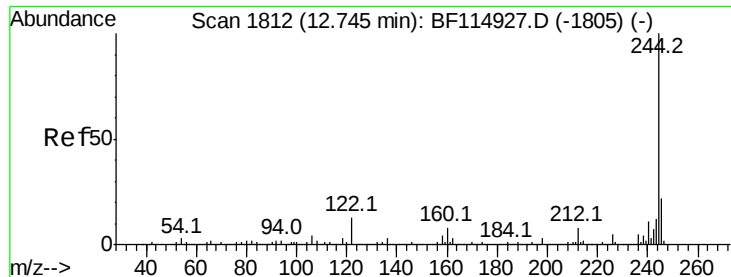


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





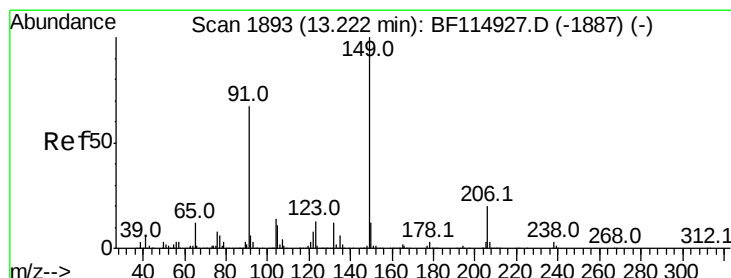
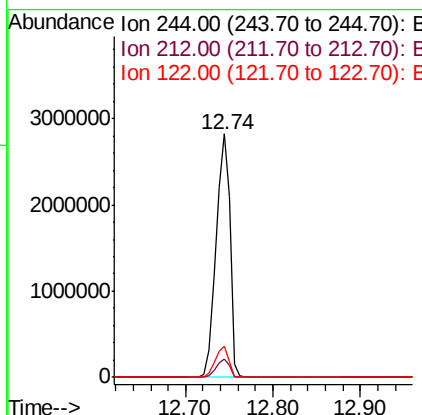
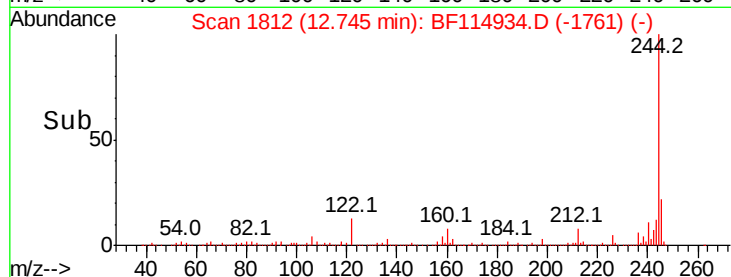
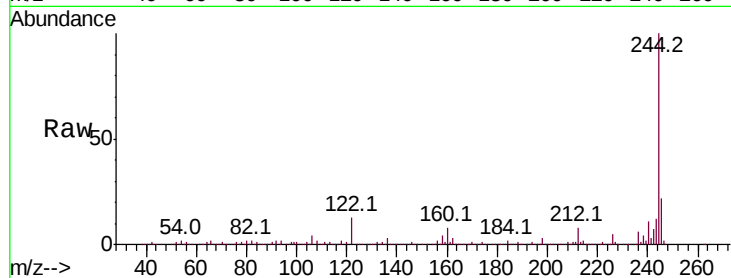
#79
Terphenyl-d14
Concen: 78.357 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion:244 Resp: 3122187
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 13.0 10.2 15.4

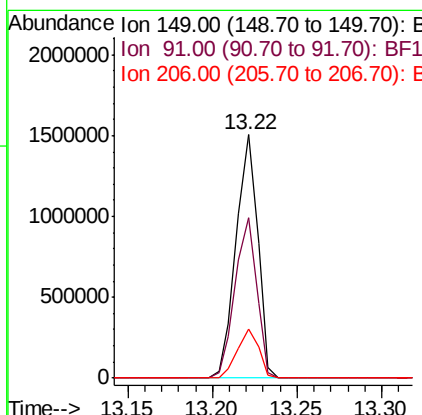
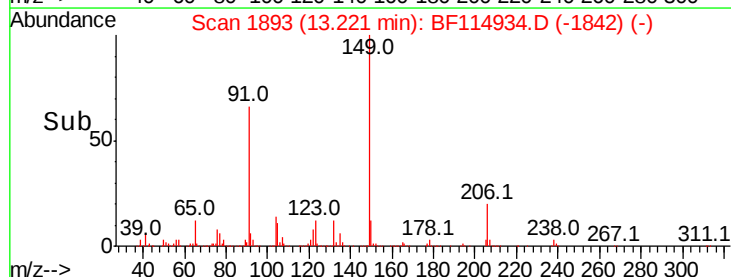
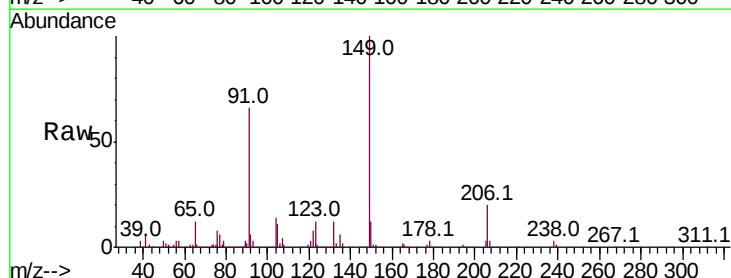
Manual Integrations
APPROVED

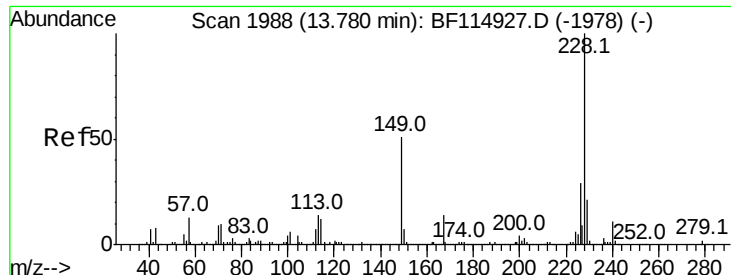
mohammad
6/12/2019 9:14:04 AM



#80
Butylbenzylphthalate
Concen: 39.568 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion:149 Resp: 1345284
Ion Ratio Lower Upper
149 100
91 66.1 53.8 80.8
206 20.1 16.3 24.5





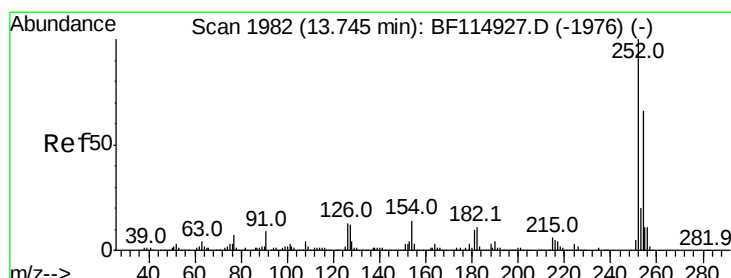
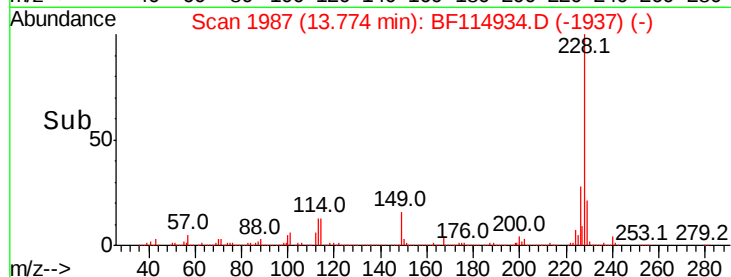
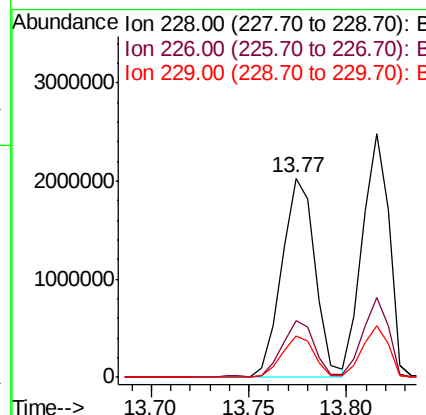
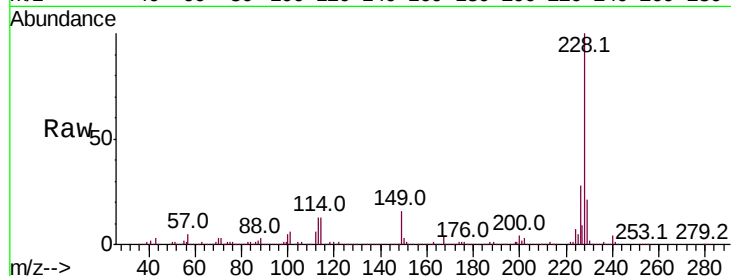
#81
Benzo(a)anthracene
Concen: 41.020 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.9	16.6	25.0

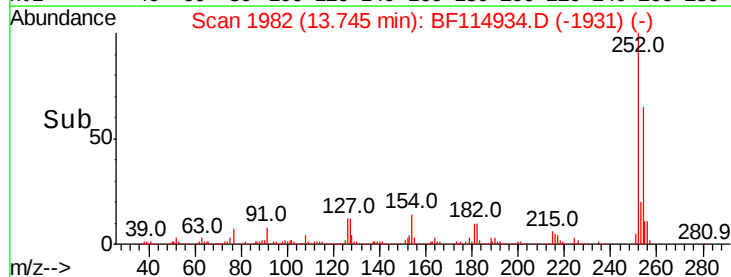
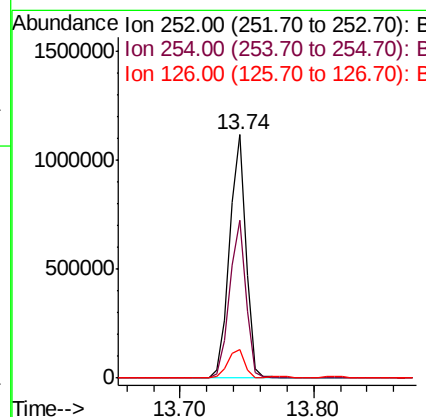
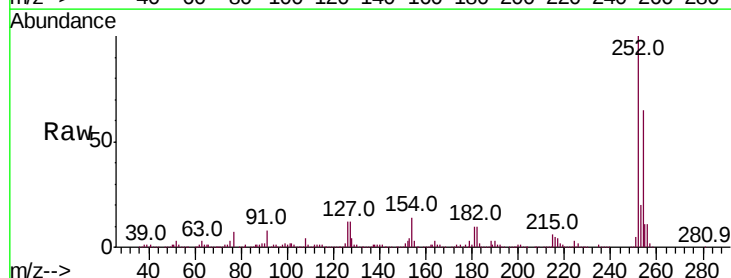
Manual Integrations
APPROVED

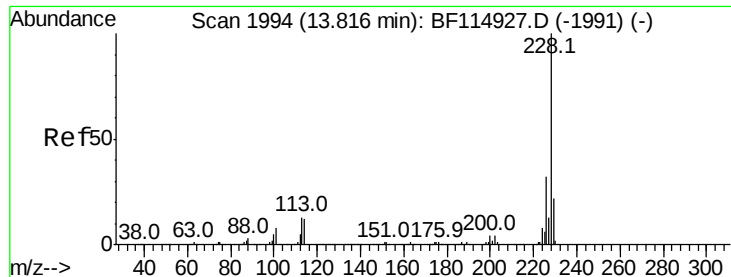
mohammad
6/12/2019 9:14:04 AM



#82
3,3'-Dichlorobenzidine
Concen: 40.951 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	11.9	10.4	15.6





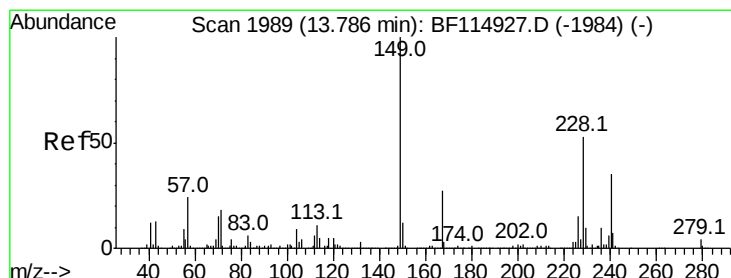
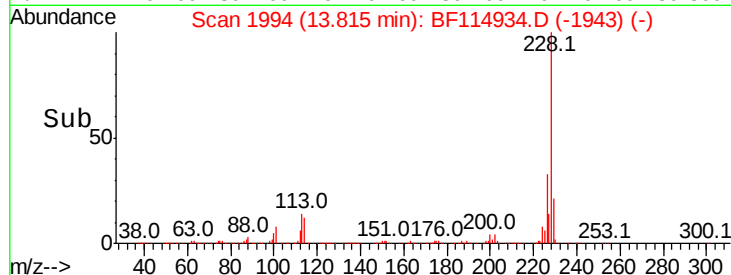
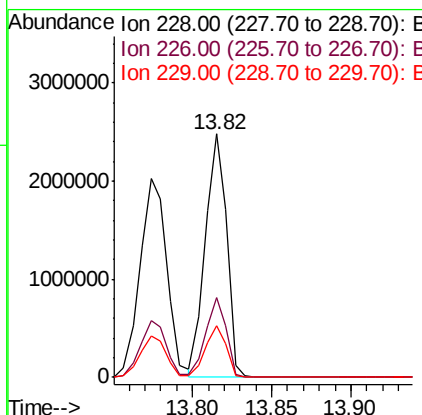
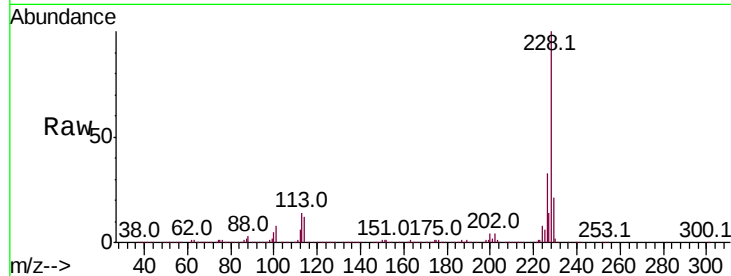
#83
Chrysene
Concen: 40.065 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion:228 Resp: 2357357
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 21.4 17.2 25.8

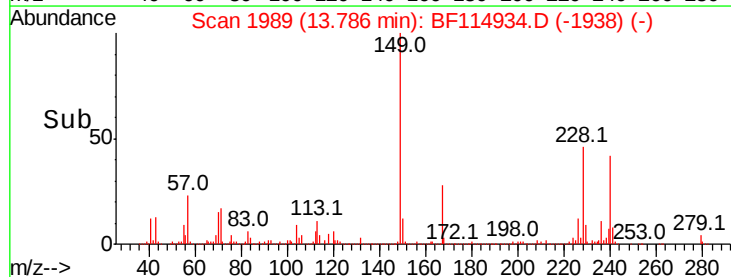
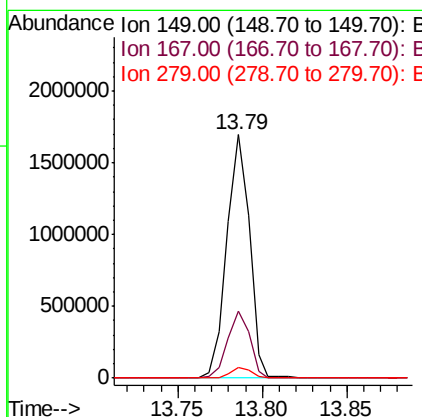
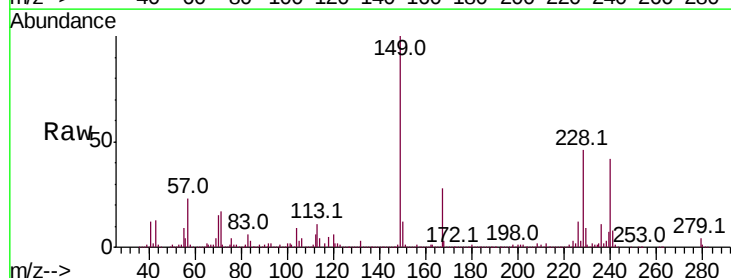
Manual Integrations
APPROVED

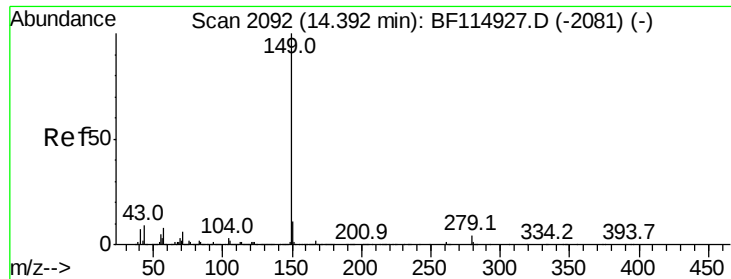
mohammad
6/12/2019 9:14:04 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.808 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion:149 Resp: 1585101
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.279 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF061019

Tot Ion:149 Resp: 2929850

Ion Ratio Lower Upper

149 100

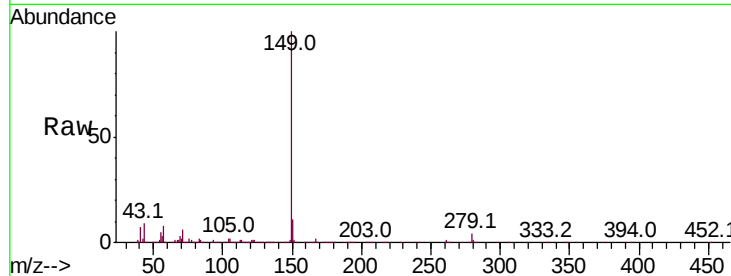
167 1.7 1.4 2.0

43 8.5 6.8 10.2

Manual Integrations
APPROVED

mohammad

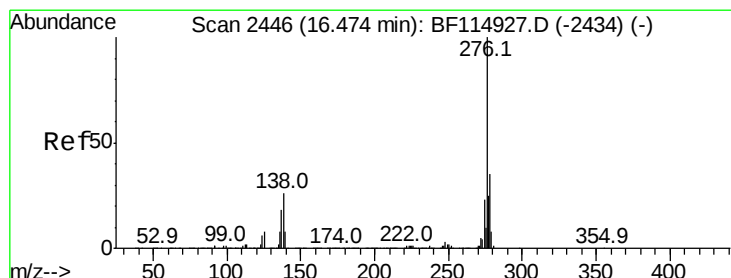
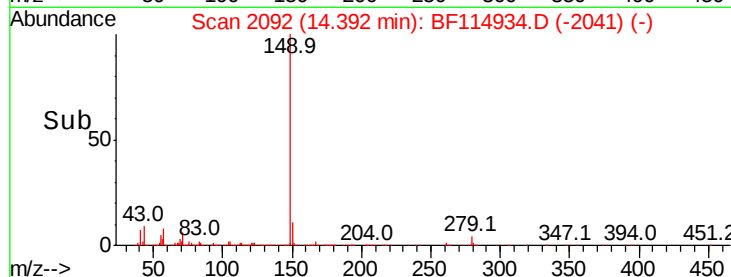
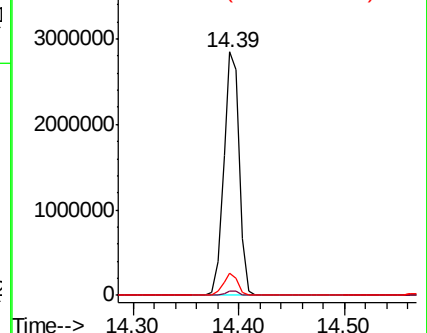
6/12/2019 9:14:04 AM



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: 45.144 ng

RT: 16.48 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BF114934.D

Acq: 10 Jun 2019 16:52

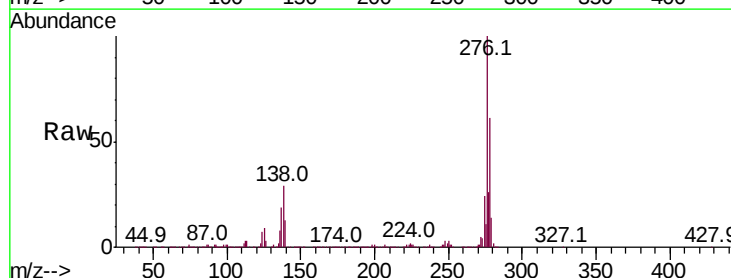
Tgt Ion:276 Resp: 2497096

Ion Ratio Lower Upper

276 100

138 29.1 23.3 34.9

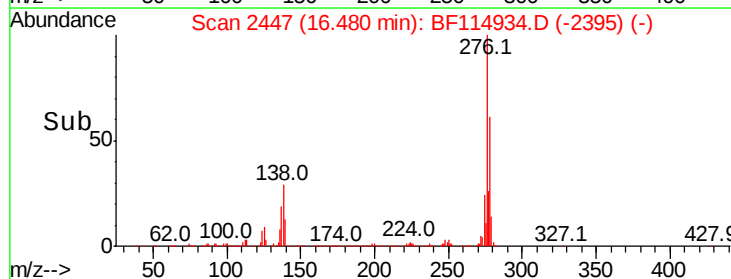
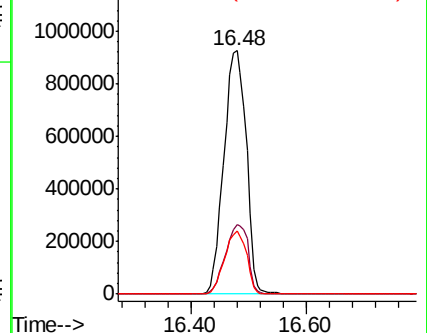
277 25.6 20.5 30.7

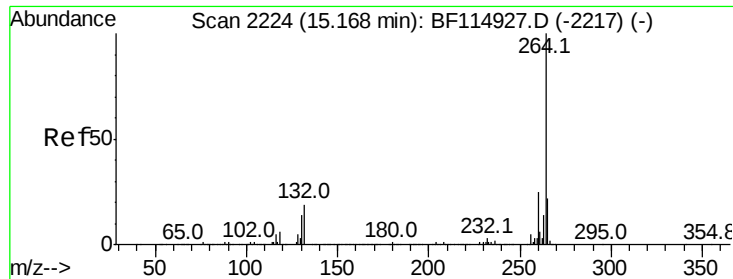


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





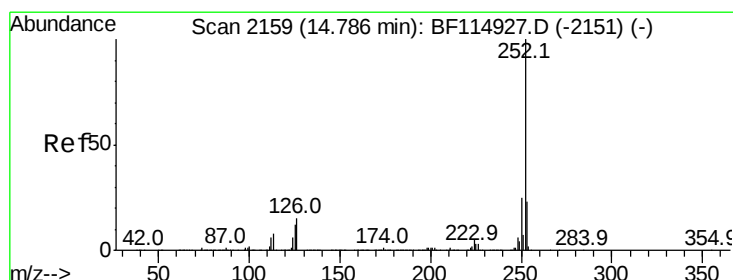
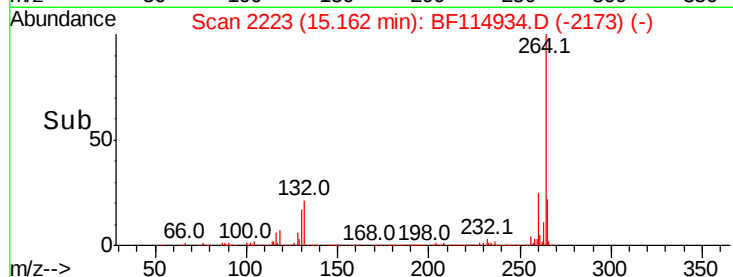
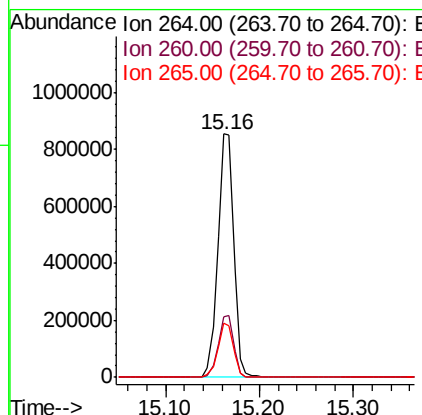
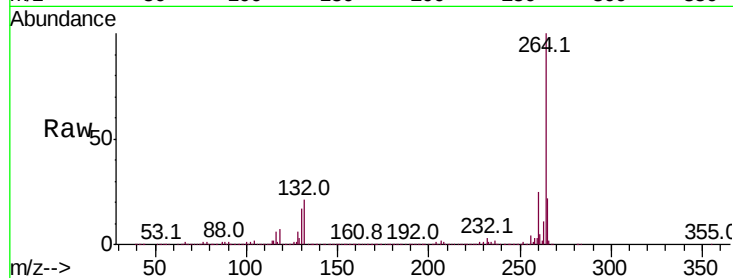
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.1	17.5	26.3

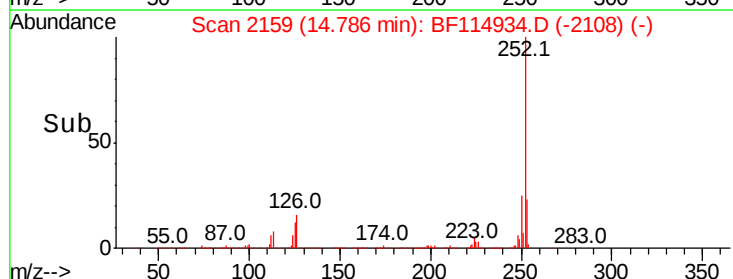
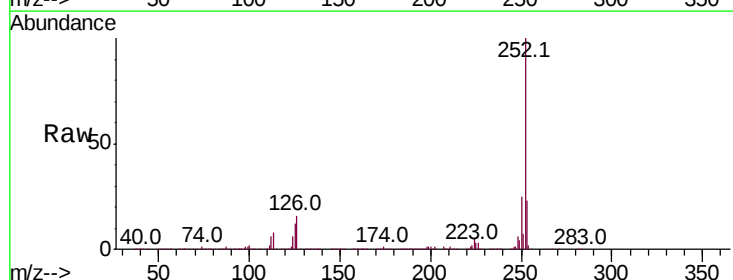
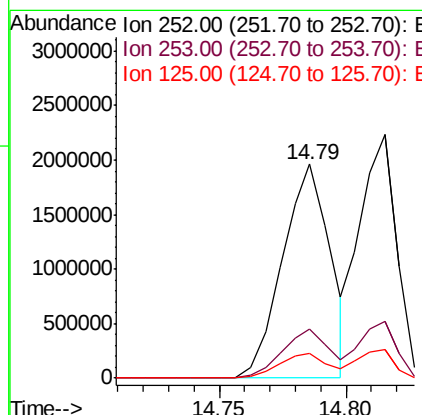
Manual Integrations
APPROVED

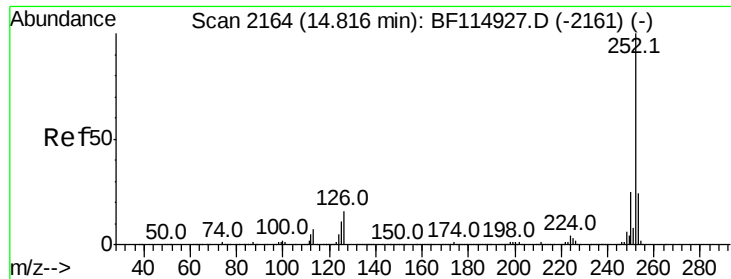
mohammad
6/12/2019 9:14:04 AM



#88
Benzo(b)fluoranthene
Concen: 38.585 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	11.8	9.5	14.3





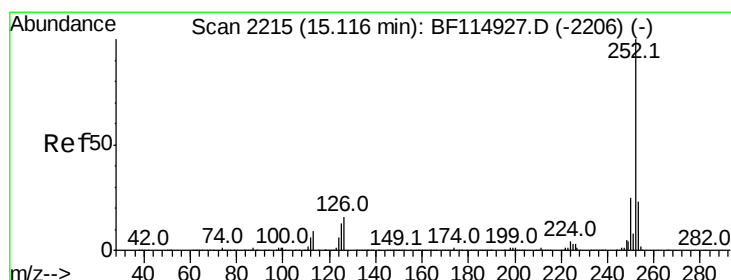
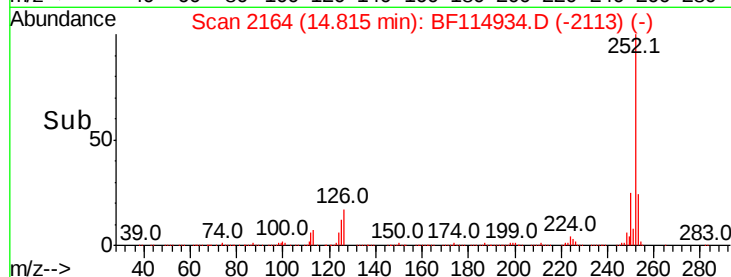
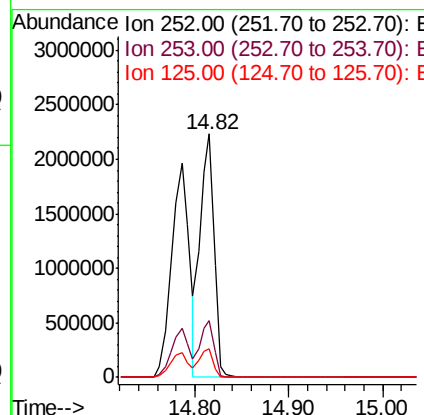
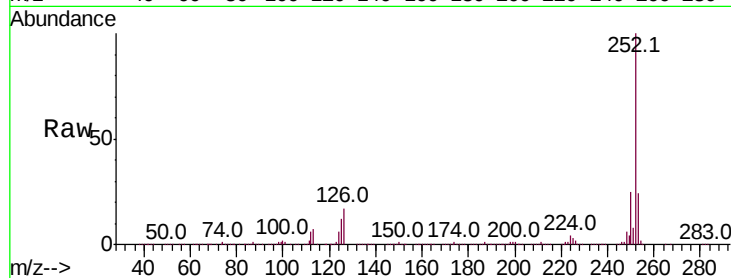
#89
Benzo(k)fluoranthene
Concen: 39.542 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	11.9	9.2	13.8

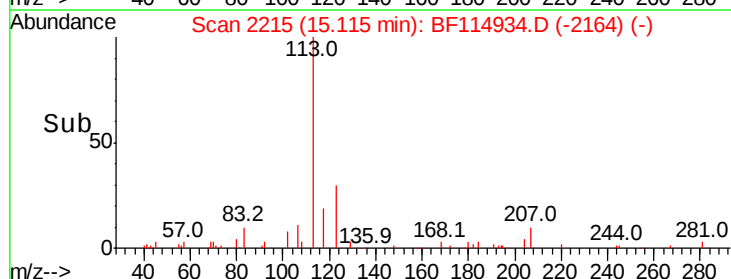
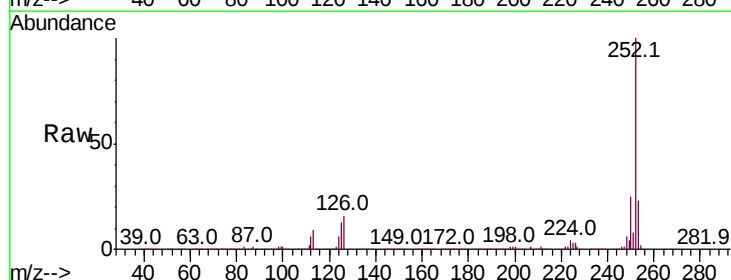
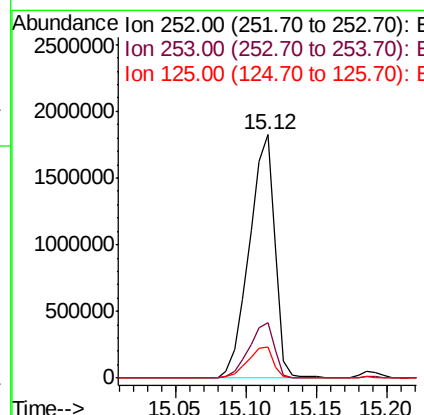
Manual Integrations
APPROVED

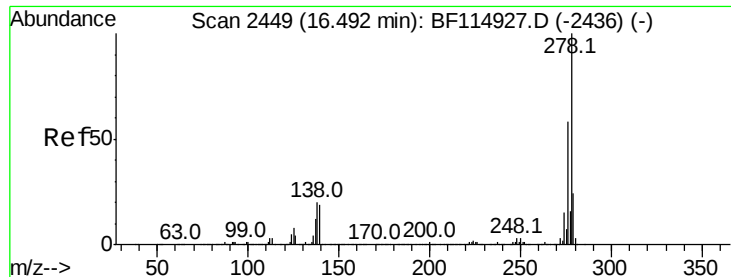
mohammad
6/12/2019 9:14:04 AM



#90
Benzo(a)pyrene
Concen: 40.087 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.6	10.1	15.1





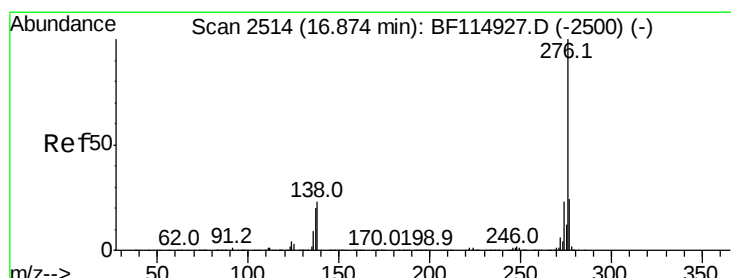
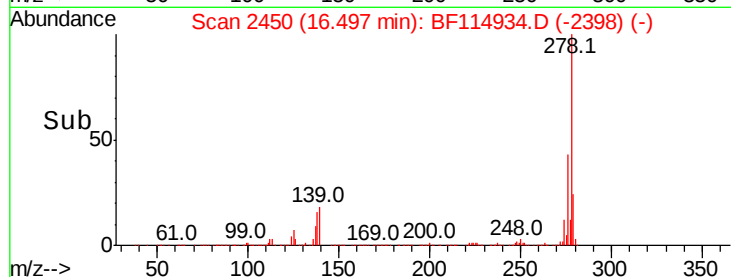
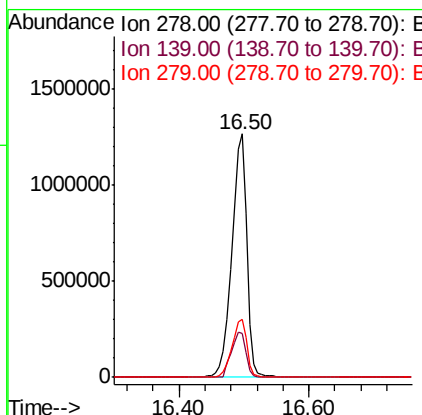
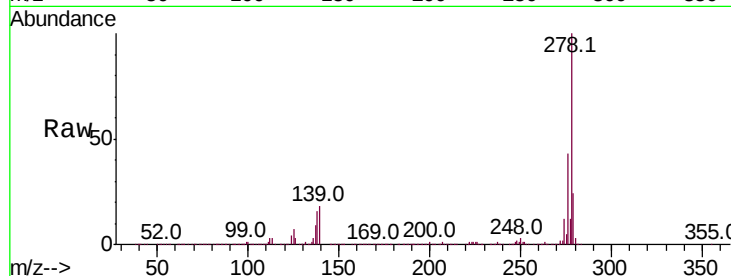
#91
Dibenzo(a,h)anthracene
Concen: 41.529 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF061019

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.1	22.7
279	23.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:14:04 AM



#92
Benzo(g,h,i)perylene
Concen: 41.311 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF114934.D
Acq: 10 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	24.6	18.7	28.1

