

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117976.D
 Acq On : 25 Nov 2019 20:01
 Operator : JU
 Sample : PB125026BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BS

Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:49:06 PM

Quant Time: Nov 26 05:46:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158337	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	682338	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	374938	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	698568	20.00	ng	0.00
76) Chrysene-d12	14.09	240	524786	20.00	ng	0.00
87) Perylene-d12	15.58	264	382338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1063019	118.84	ng	0.02
7) Phenol-d6	6.53	99	1333083	123.56	ng	0.00
23) Nitrobenzene-d5	7.46	82	710809	61.93	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	478863	120.64	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1458710	69.80	ng	0.00
79) Terphenyl-d14	13.02	244	1715617	59.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	118307	28.295	ng	97
3) Pyridine	3.50	79	279754	25.506	ng	99
4) n-Nitrosodimethylamine	3.46	42	180149	37.626	ng	96
6) Aniline	6.55	93	446355	31.307	ng	99
8) 2-Chlorophenol	6.68	128	448445	46.202	ng	97
9) Benzaldehyde	6.43	77	95670	9.745	ng	96
10) Phenol	6.54	94	519692m	46.353	ng	
11) bis(2-Chloroethyl)ether	6.63	93	383761	42.624	ng	98
12) 1,3-Dichlorobenzene	6.83	146	449862	39.368	ng	99
13) 1,4-Dichlorobenzene	6.91	146	463430	40.122	ng	99
14) 1,2-Dichlorobenzene	7.06	146	443326	40.132	ng	100
15) Benzyl Alcohol	7.03	79	393689	47.263	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	487606	35.177	ng	96
17) 2-Methylphenol	7.15	107	368768	44.864	ng	98
18) Hexachloroethane	7.40	117	167257	39.418	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	295987	44.469	ng	94
20) 3+4-Methylphenols	7.30	107	454812	44.575	ng	# 78
22) Acetophenone	7.30	105	603956	39.397	ng	99
24) Nitrobenzene	7.47	77	464997	39.269	ng	97
25) Isophorone	7.72	82	840789	39.965	ng	97
26) 2-Nitrophenol	7.79	139	253788	44.033	ng	96
27) 2,4-Dimethylphenol	7.83	122	420763	46.982	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	501683	37.579	ng	100
29) 2,4-Dichlorophenol	8.03	162	390926	40.241	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	418409	37.132	ng	98
31) Naphthalene	8.20	128	1321522	41.544	ng	99
32) Benzoic acid	7.96	122	265499	35.405	ng	99
33) 4-Chloroaniline	8.25	127	360366	25.305	ng	99
34) Hexachlorobutadiene	8.32	225	245165	37.213	ng	99
35) Caprolactam	8.63	113	122388m	39.641	ng	
36) 4-Chloro-3-methylphenol	8.73	107	418065	42.404	ng	95
37) 2-Methylnaphthalene	8.90	142	913827	42.518	ng	99
38) 1-Methylnaphthalene	9.00	142	856926	42.173	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396002	36.369	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117976.D
 Acq On : 25 Nov 2019 20:01
 Operator : JU
 Sample : PB125026BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BS

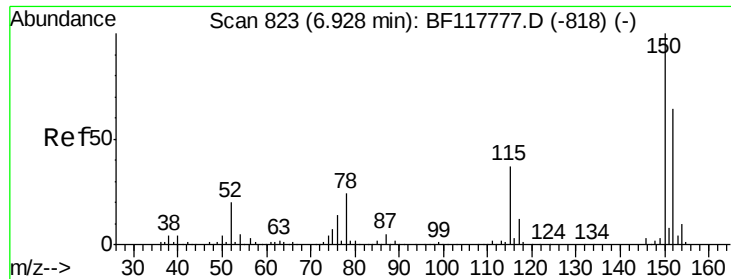
Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:49:06 PM

Quant Time: Nov 26 05:46:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	382375	62.664	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	291451	37.370	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	309945	38.276	nq	97
46) 1,1'-Biphenyl	9.36	154	1103264	39.662	nq	97
47) 2-Chloronaphthalene	9.39	162	842595	36.821	nq	97
48) 2-Nitroaniline	9.48	65	251814	36.449	nq	97
49) Acenaphthylene	9.80	152	1341993	40.224	nq	99
50) Dimethylphthalate	9.67	163	1024877	38.980	nq	98
51) 2,6-Dinitrotoluene	9.73	165	229396	39.921	nq	90
52) Acenaphthene	9.98	154	793927	37.147	nq	100
53) 3-Nitroaniline	9.89	138	185670	27.003	nq	97
54) 2,4-Dinitrophenol	10.00	184	239109	80.896	nq	# 84
55) Dibenzofuran	10.15	168	1187431	40.122	nq	99
56) 4-Nitrophenol	10.06	139	398748	77.693	nq	94
57) 2,4-Dinitrotoluene	10.13	165	307712	42.097	nq	98
58) Fluorene	10.49	166	925012	40.333	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	261589	39.317	nq	97
60) Diethylphthalate	10.37	149	1017916	39.711	nq	100
61) 4-Chlorophenyl-phenylether	10.49	204	455633	39.147	nq	99
62) 4-Nitroaniline	10.52	138	248919	36.157	nq	95
63) Azobenzene	10.65	77	921143	39.500	nq	98
65) 4,6-Dinitro-2-methylphenol	10.55	198	165277	50.680	nq	92
66) n-Nitrosodiphenylamine	10.60	169	833752	41.010	nq	100
67) 4-Bromophenyl-phenylether	10.97	248	292652	38.826	nq	# 90
68) Hexachlorobenzene	11.05	284	341685	38.876	nq	98
69) Atrazine	11.13	200	276412	41.331	nq	97
70) Pentachlorophenol	11.24	266	393266	76.588	nq	99
71) Phenanthrene	11.46	178	1411523	40.189	nq	98
72) Anthracene	11.52	178	1440067	41.355	nq	98
73) Carbazole	11.67	167	1276929	41.963	nq	99
74) Di-n-butylphthalate	11.99	149	1605697	42.381	nq	99
75) Fluoranthene	12.65	202	1481195	46.576	nq	99
77) Benzidine	12.77	184	268244	15.605	nq	98
78) Pyrene	12.89	202	1475340	34.787	nq	100
80) Butylbenzylphthalate	13.50	149	686032	37.662	nq	95
81) Benzo(a)anthracene	14.07	228	1298817	37.453	nq	100
82) 3,3'-Dichlorobenzidine	14.03	252	420664	34.679	nq	98
83) Chrysene	14.12	228	1239320	36.881	nq	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	951073	43.067	nq	98
85) Di-n-octyl phthalate	14.67	149	1538207	47.413	nq	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	962295	33.647	nq	98
88) Benzo(b)fluoranthene	15.14	252	1255873	50.557	nq	99
89) Benzo(k)fluoranthene	15.17	252	1058010	45.203	nq	99
90) Benzo(a)pyrene	15.52	252	995305	45.565	nq	98
91) Dibenzo(a,h)anthracene	17.12	278	833958	44.357	nq	97
92) Benzo(g,h,i)perylene	17.56	276	783048	41.815	nq	99

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



#1

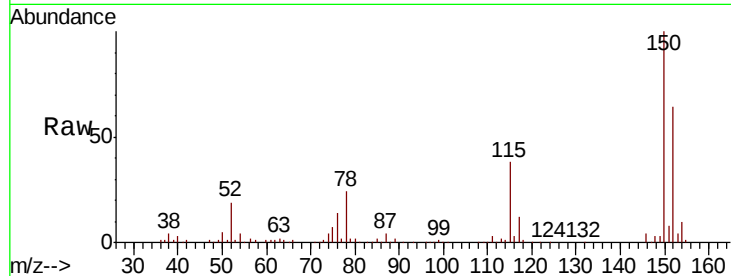
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	59.2	47.0	70.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

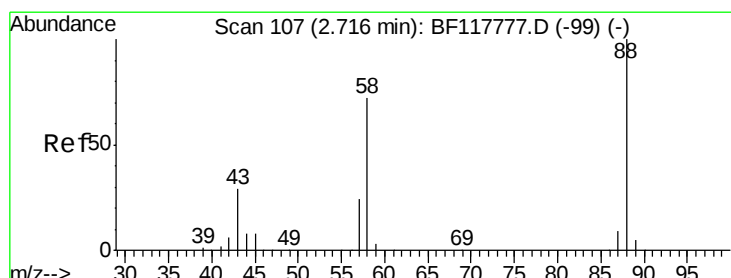
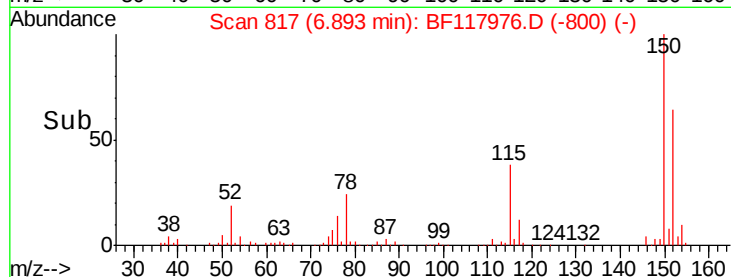
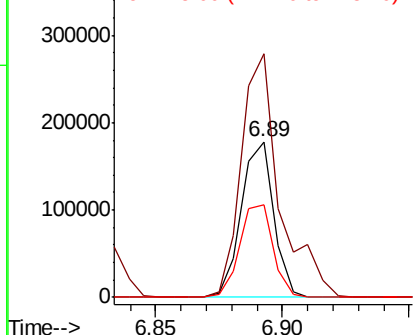


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

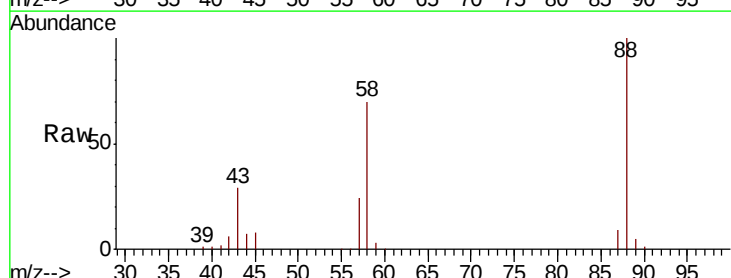
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.295 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	58.2	87.2
43	30.1	23.3	34.9

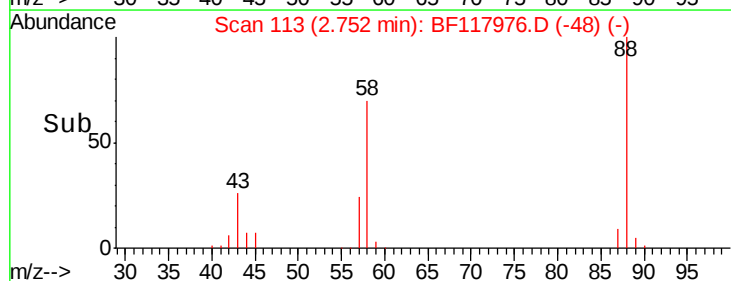
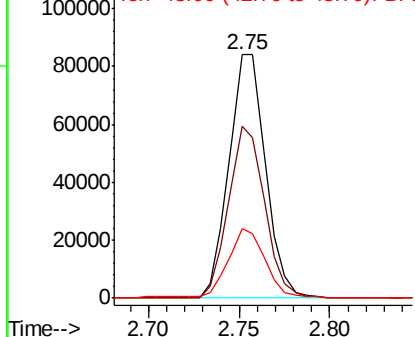


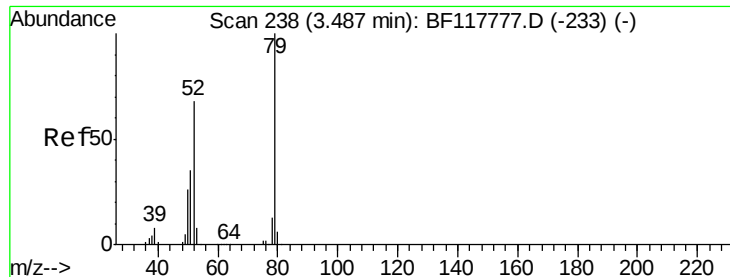
Abundance

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: 25.506 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.07 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

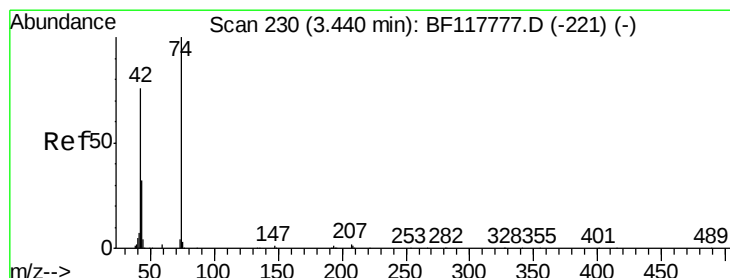
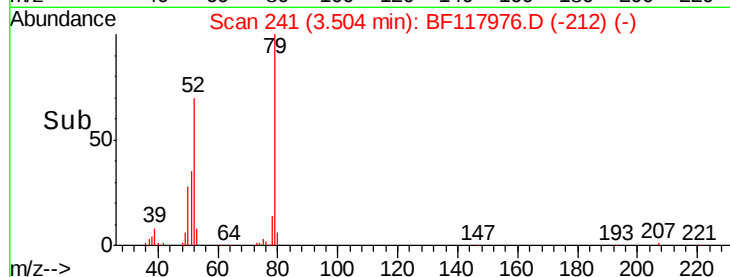
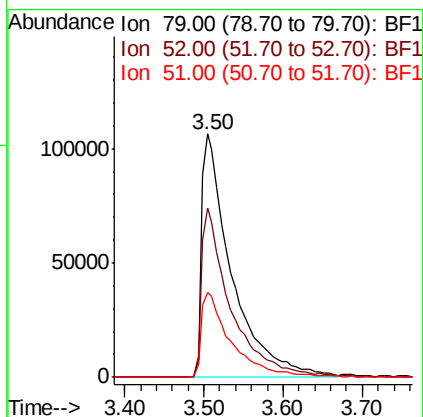
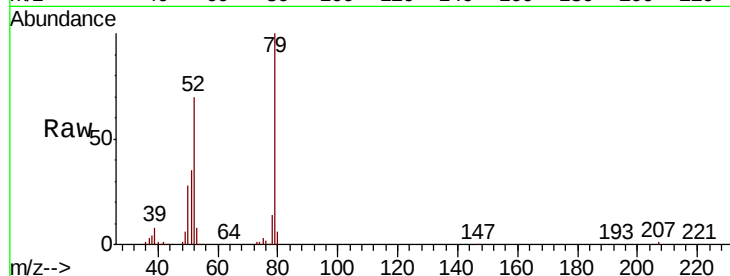
ClientSampleId :

PB125026BS

Tot Ion:	79	Resp:	279754
Ion	Ratio	Lower	Upper
79	100		
52	69.7	54.8	82.2
51	34.7	28.2	42.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#4

n-Nitrosodimethylamine

Concen: 37.626 ng

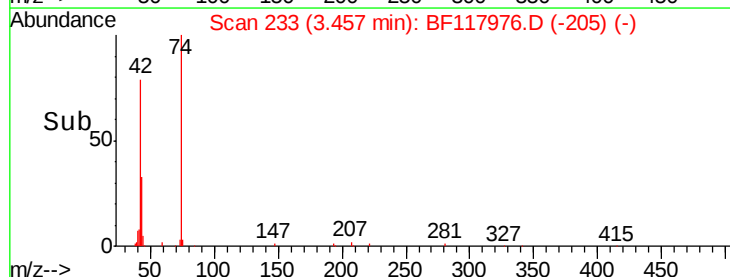
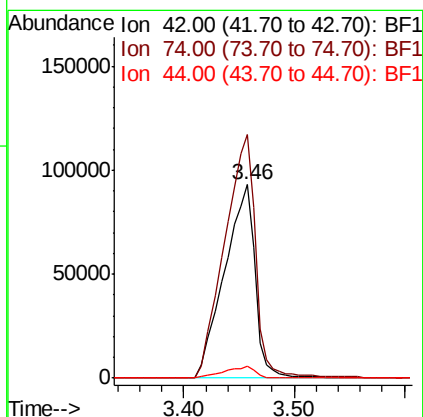
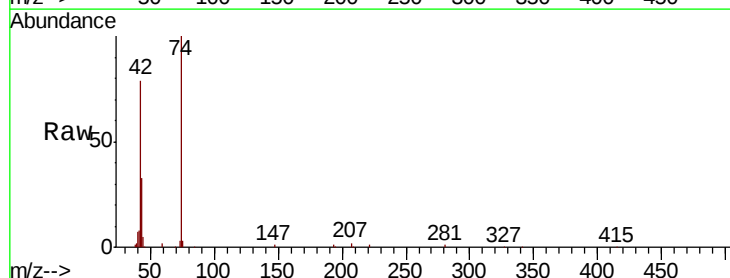
RT: 3.46 min Scan# 233

Delta R.T. 0.06 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:	42	Resp:	180149
Ion	Ratio	Lower	Upper
42	100		
74	126.0	105.1	157.7
44	5.9	4.6	7.0





#5

2-Fluorophenol

Concen: 118.839 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

PB125026BS

Tot Ion: 112 Resp: 1063019

Ion Ratio Lower Upper

112 100

64 55.4 45.6 68.4

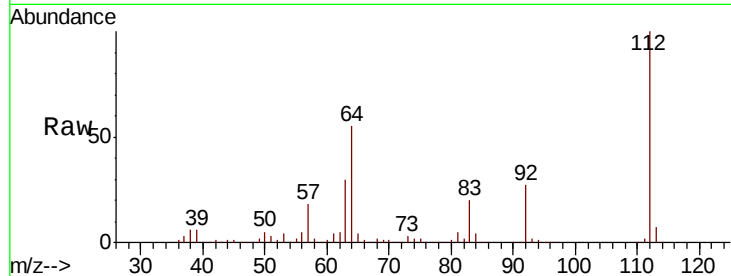
63 30.5 24.1 36.1

Manual Integrations

APPROVED

mohammad

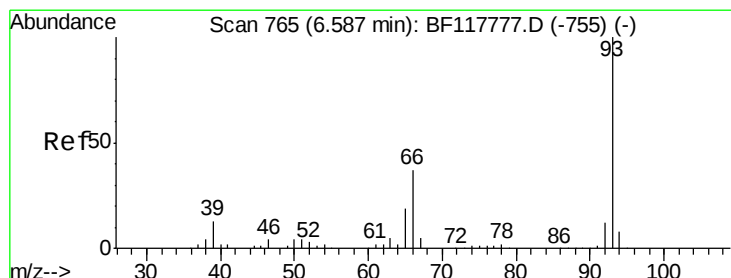
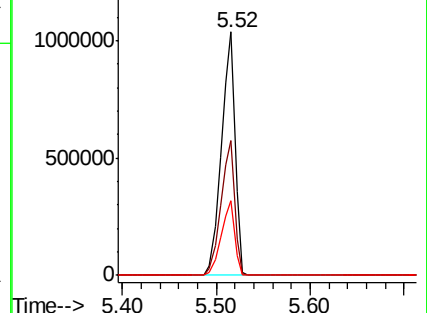
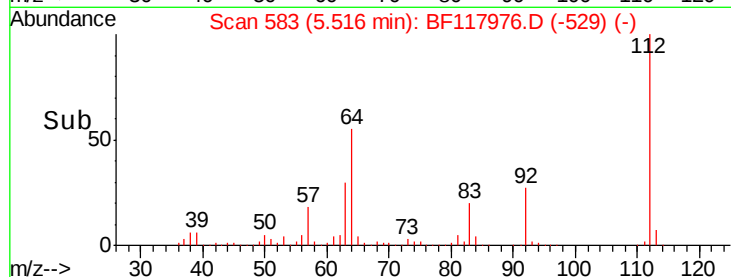
11/26/2019 12:49:06 PM



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: 31.307 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

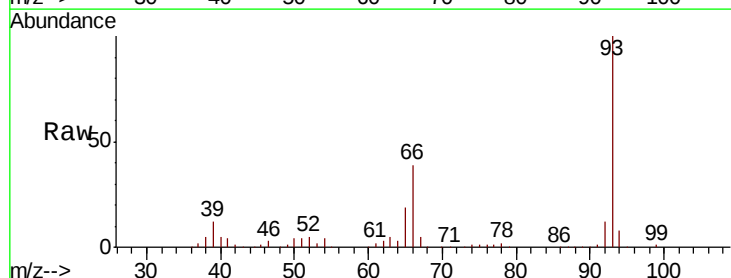
Tgt Ion: 93 Resp: 446355

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

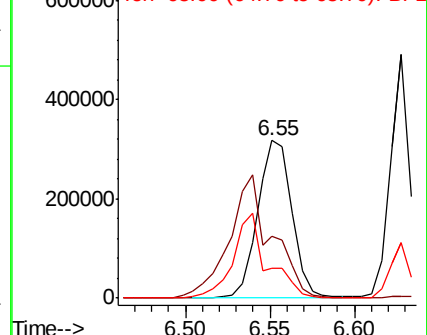
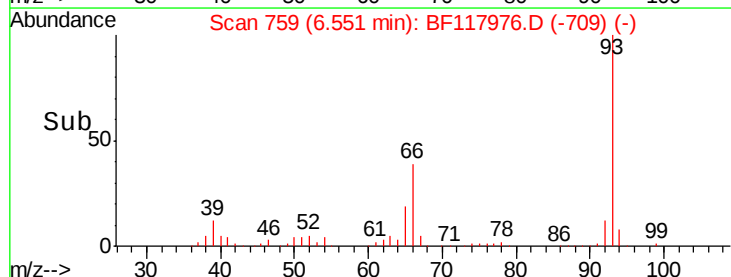
65 19.1 15.6 23.4

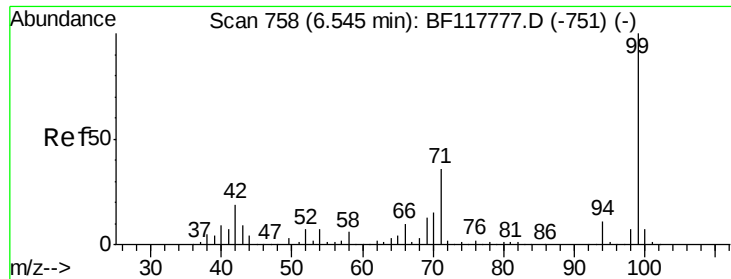


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.557 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

PB125026BS

Tot Ion: 99 Resp: 1333083

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

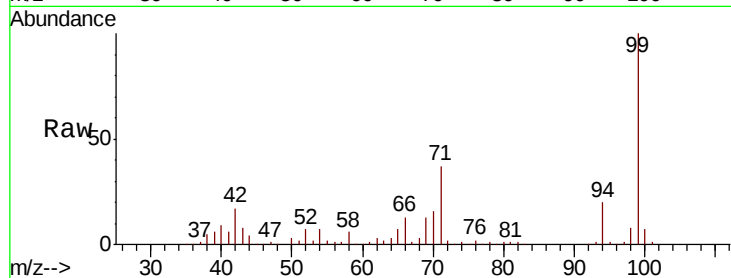
71 36.8 28.6 43.0

Manual Integrations

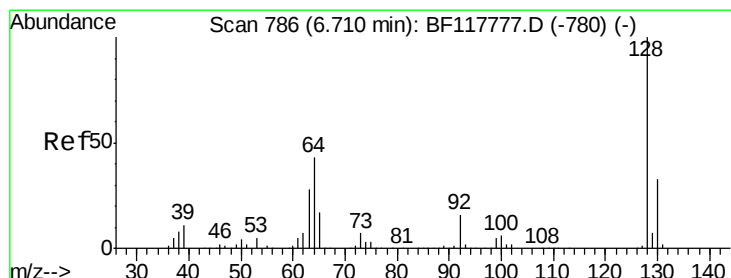
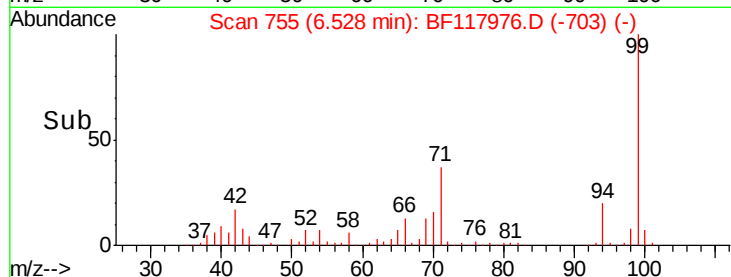
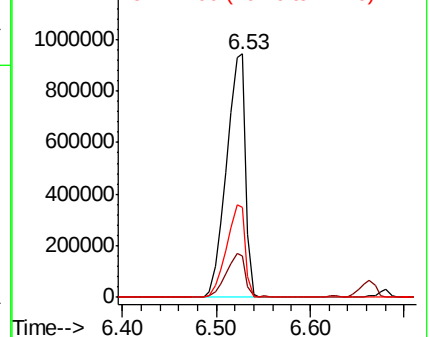
APPROVED

mohammad

11/26/2019 12:49:06 PM



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



#8

2-Chlorophenol

Concen: 46.202 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

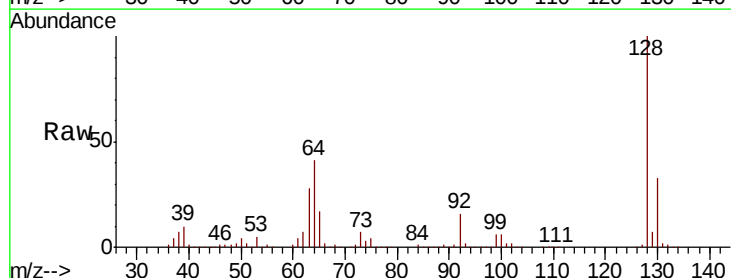
Tgt Ion: 128 Resp: 448445

Ion Ratio Lower Upper

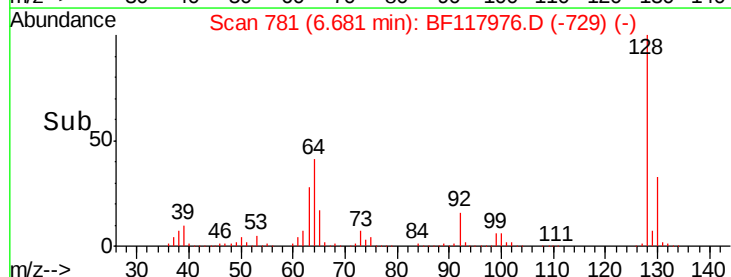
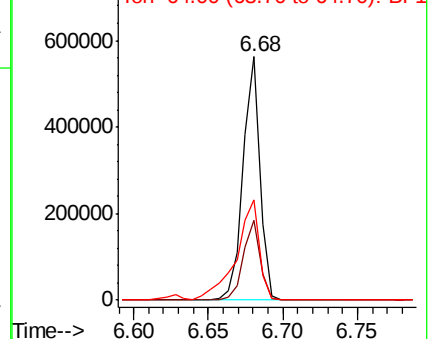
128 100

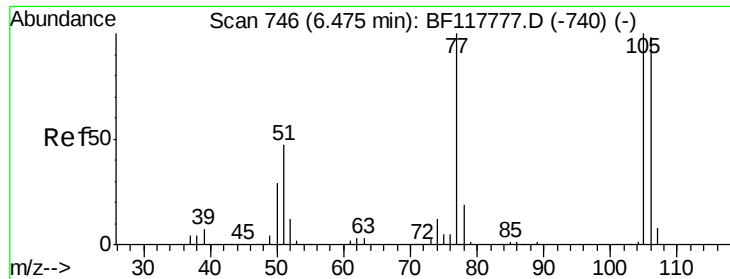
130 32.6 13.2 53.2

64 41.3 23.7 63.7



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





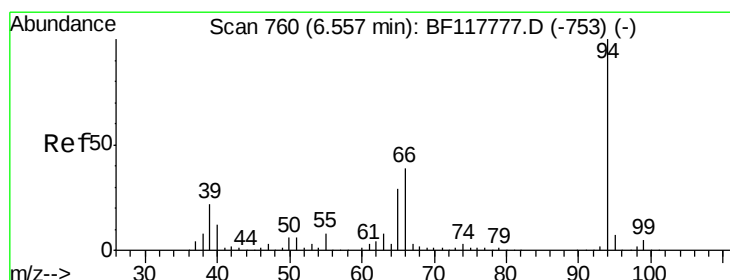
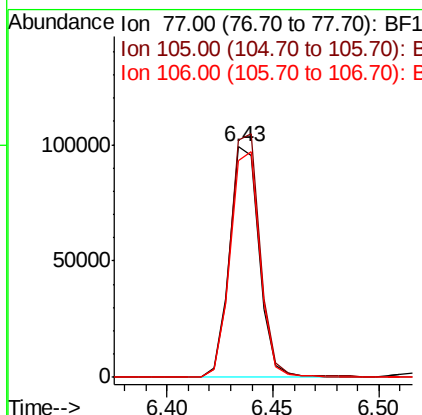
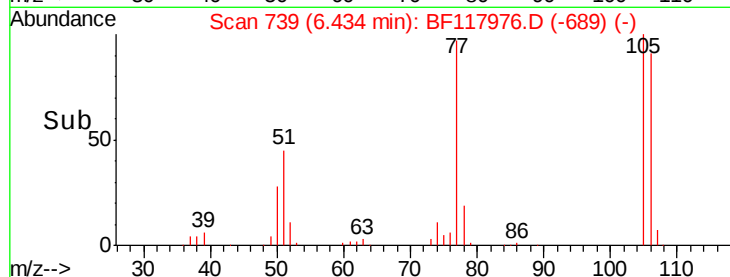
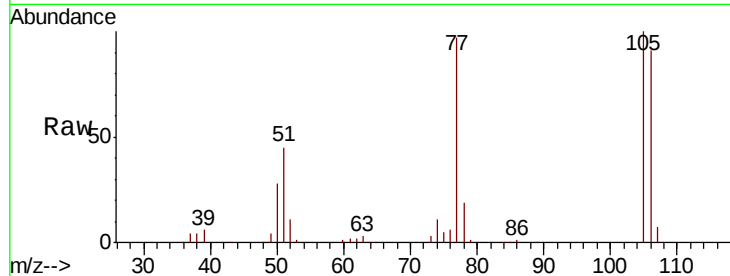
#9
Benzaldehyde
Concen: 9.745 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.9	80.2	120.2
106	93.9	78.4	118.4

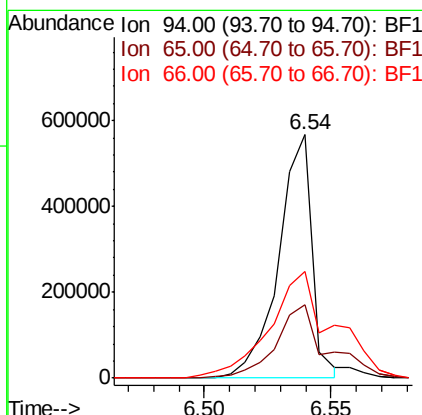
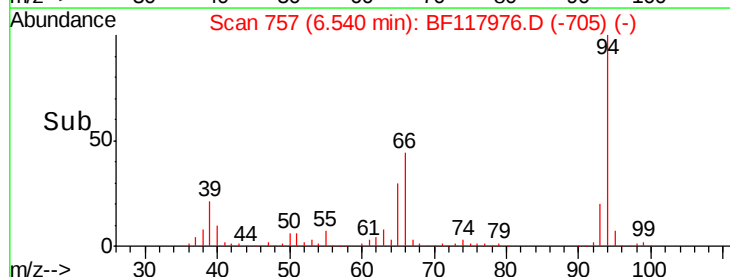
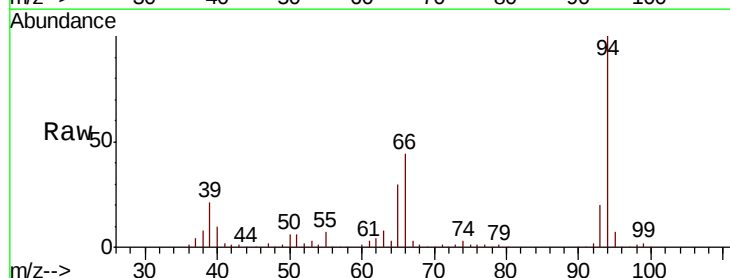
Manual Integrations
APPROVED

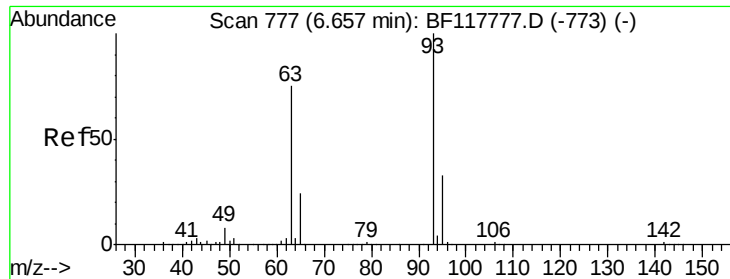
mohammad
11/26/2019 12:49:06 PM



#10
Phenol
Concen: 46.353 ng m
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.9	48.9
66	44.0	18.7	58.7





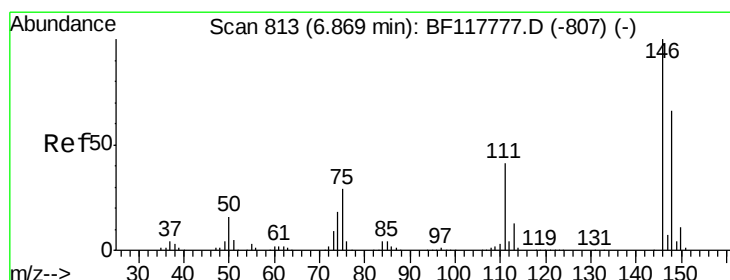
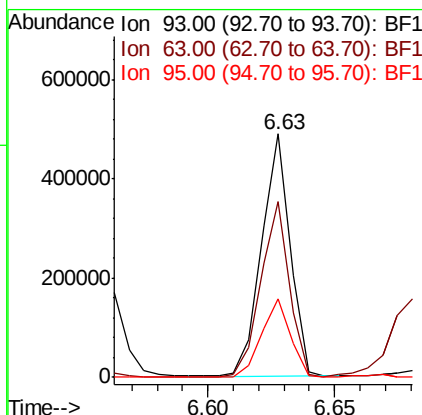
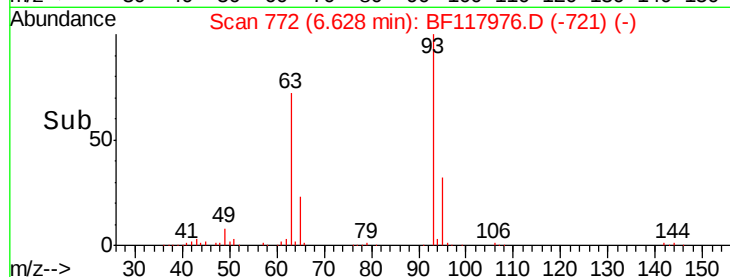
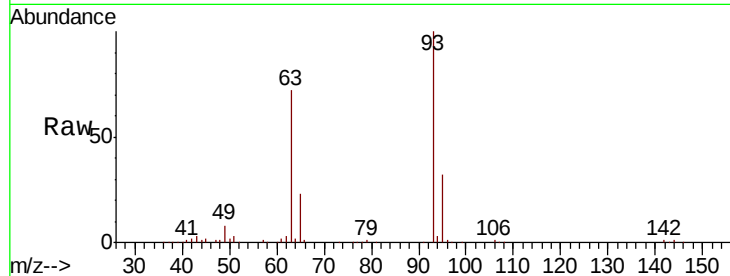
#11
bis(2-Chloroethyl)ether
Concen: 42.624 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	93	Resp	383761
Ion Ratio	Lower	Upper	
93	100		
63	72.1	54.8	94.8
95	32.5	12.7	52.7

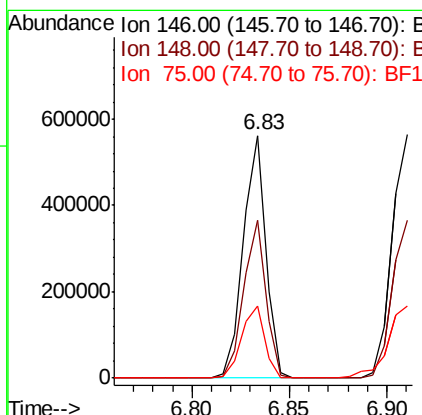
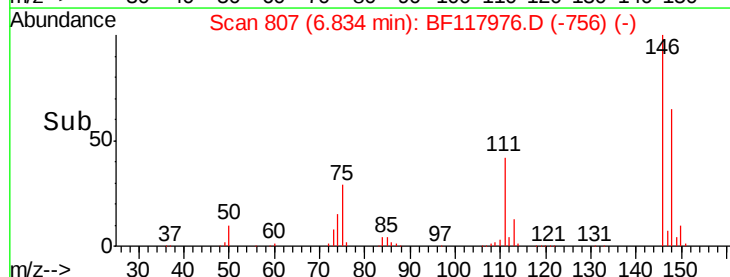
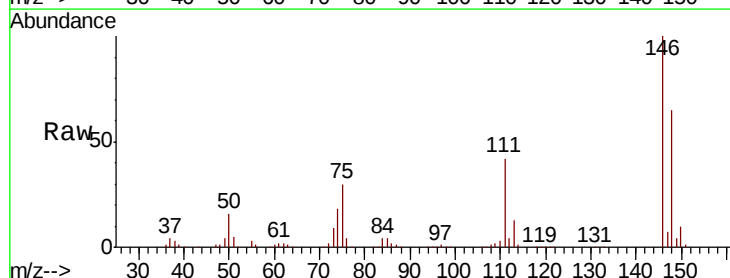
Manual Integrations
APPROVED

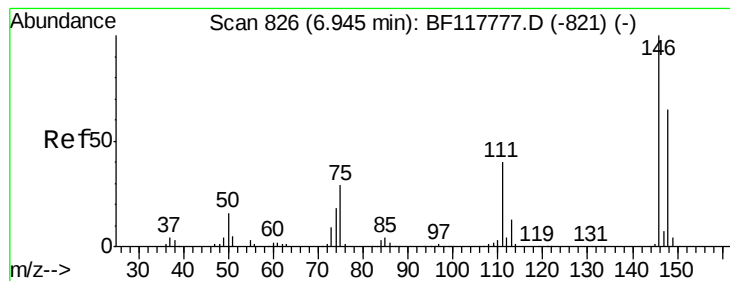
mohammad
11/26/2019 12:49:06 PM



#12
1,3-Dichlorobenzene
Concen: 39.368 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	146	Resp	449862
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.8	79.2
75	29.9	23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 40.122 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

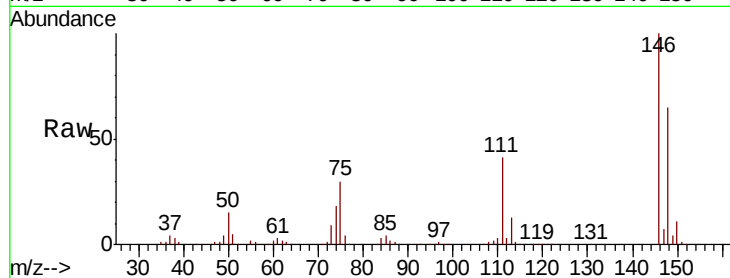
ClientSampleId :

PB125026BS

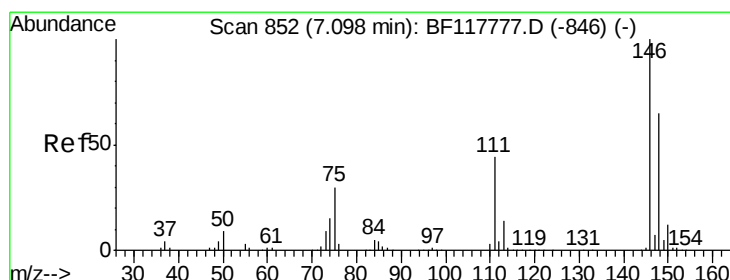
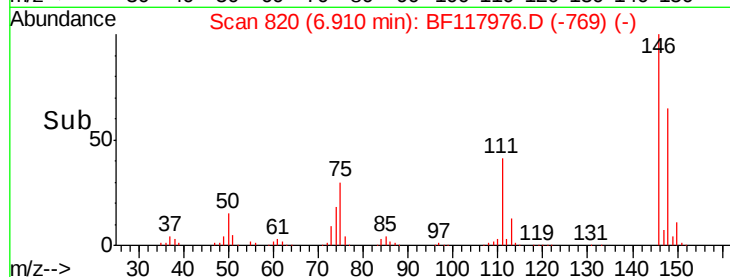
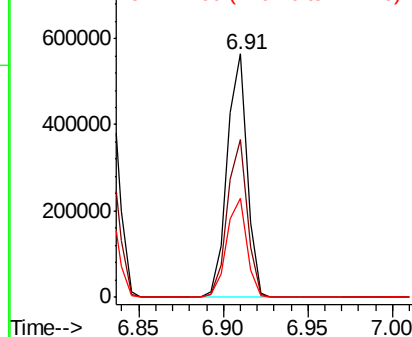
Tot Ion:	146	Resp:	463430
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	40.8	32.2	48.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.132 ng

RT: 7.06 min Scan# 846

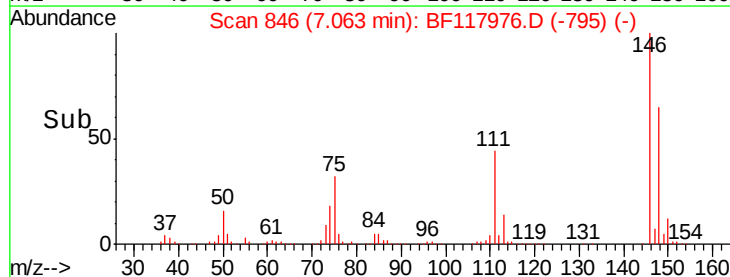
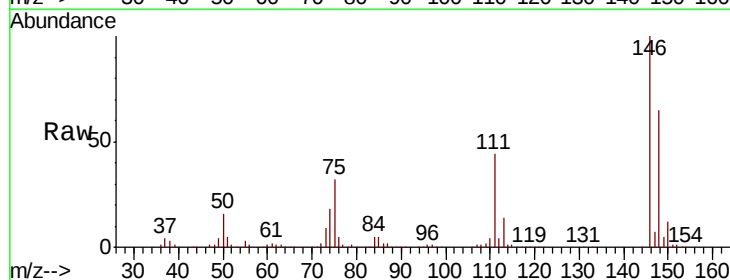
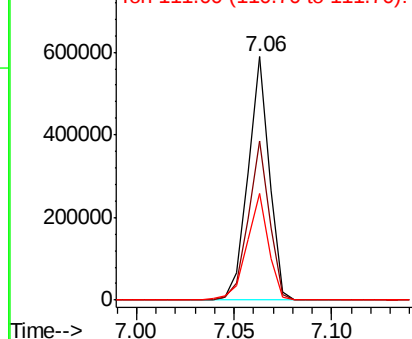
Delta R.T. 0.00 min

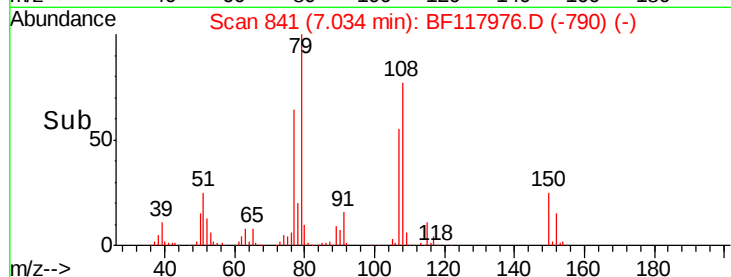
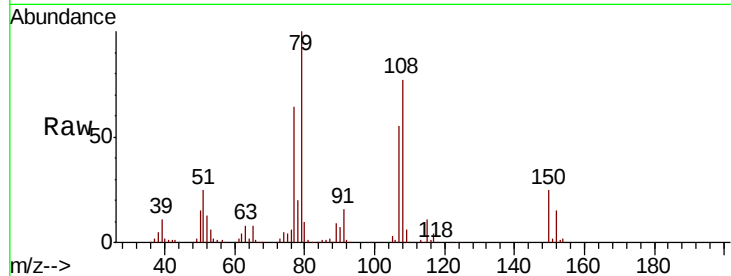
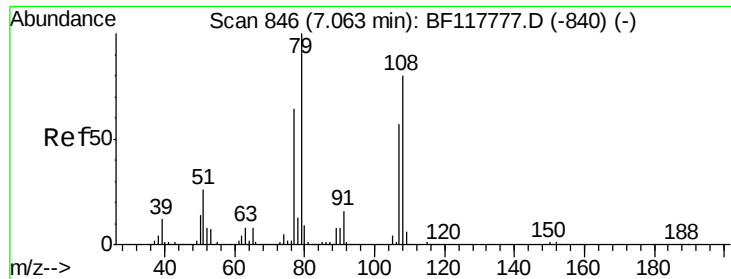
Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:	146	Resp:	443326
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.8
111	44.0	35.0	52.6

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





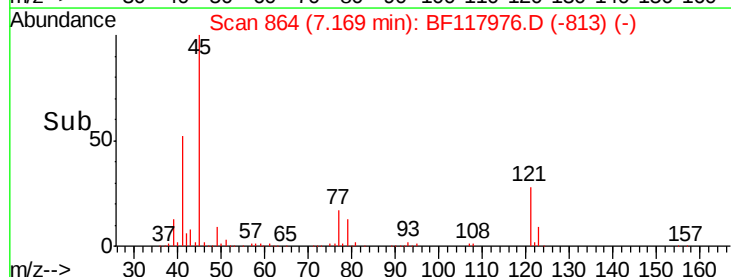
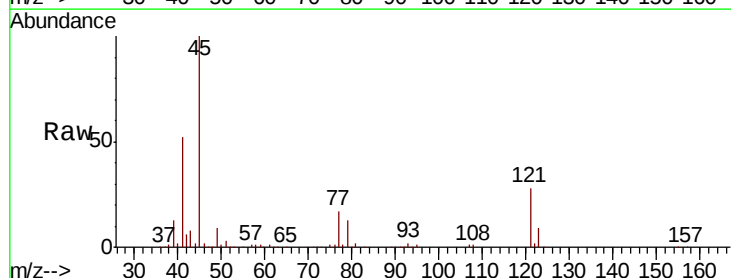
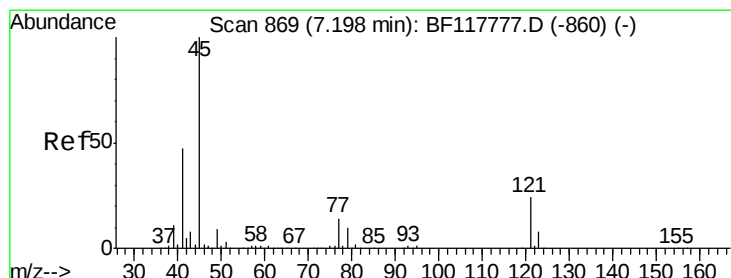
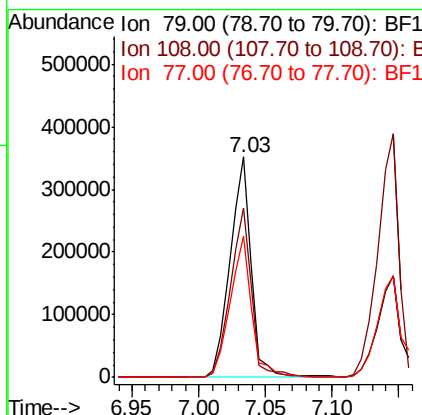
#15
Benzyl Alcohol
Concen: 47.263 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	64.1	96.1
77	63.9	51.3	76.9

Instrument :
BNA_F
ClientSampled :
PB125026BS

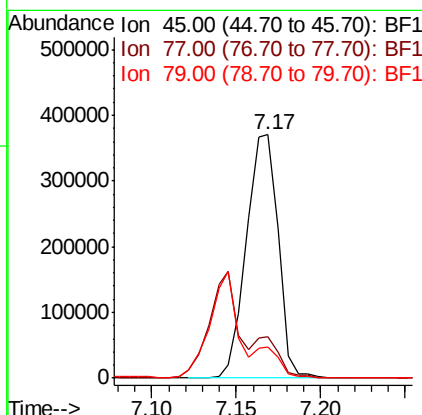
Manual Integrations
APPROVED

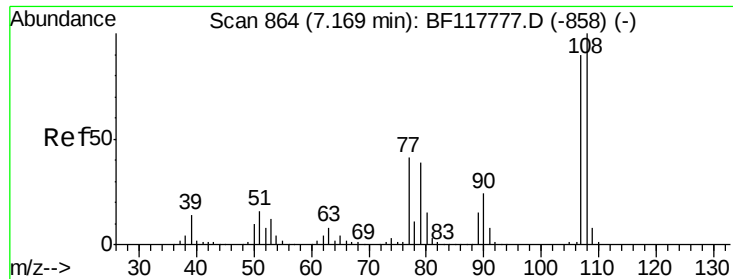
mohammad
11/26/2019 12:49:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.177 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	35.0
79	12.6	0.0	31.1





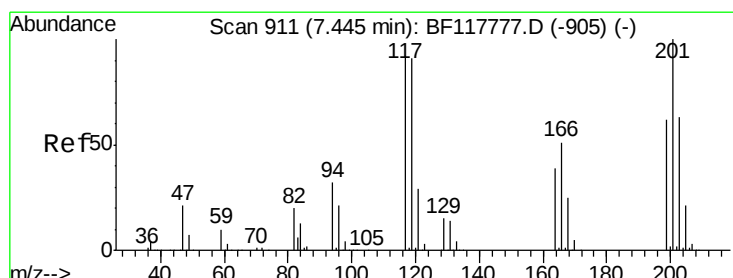
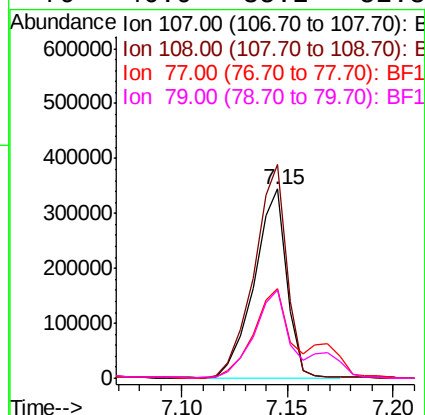
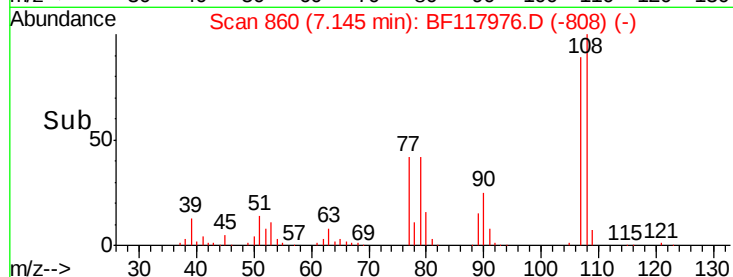
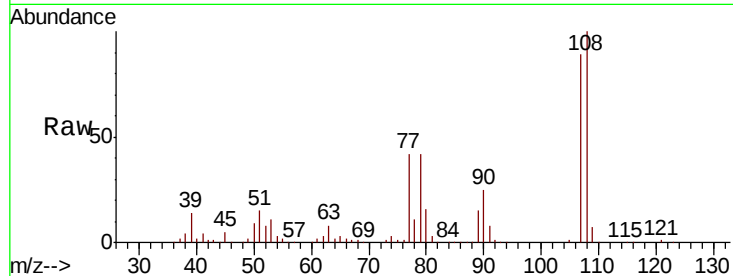
#17
2-Methylphenol
Concen: 44.864 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	89.1	133.7	
77	47.3	36.6	54.8	
79	46.9	35.2	52.8	

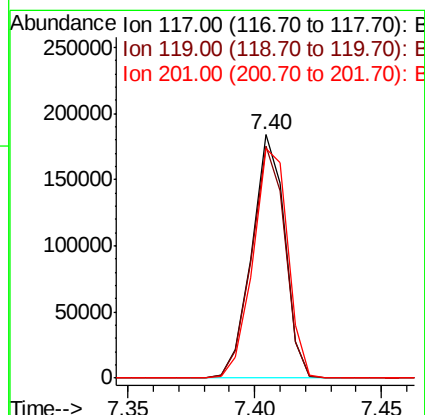
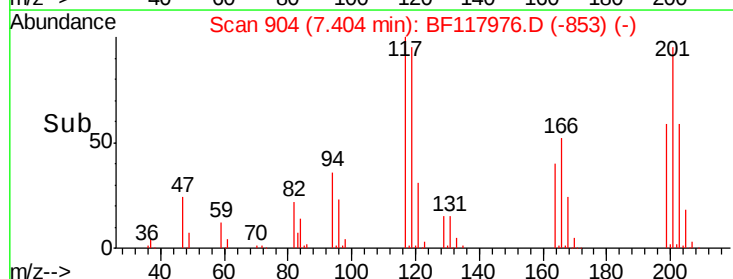
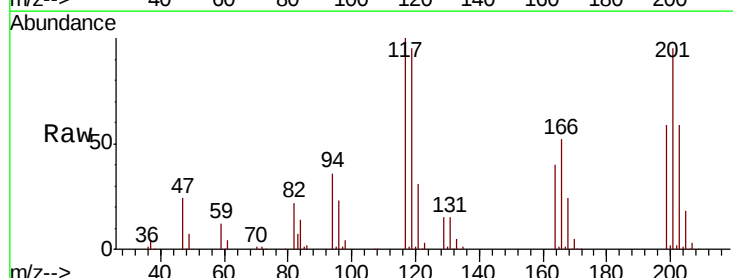
Manual Integrations
APPROVED

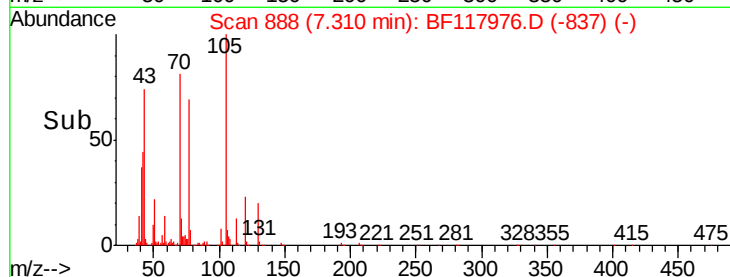
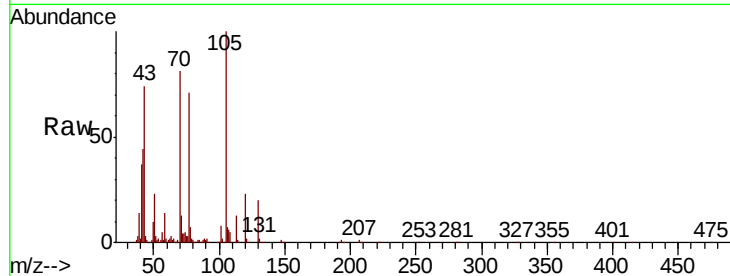
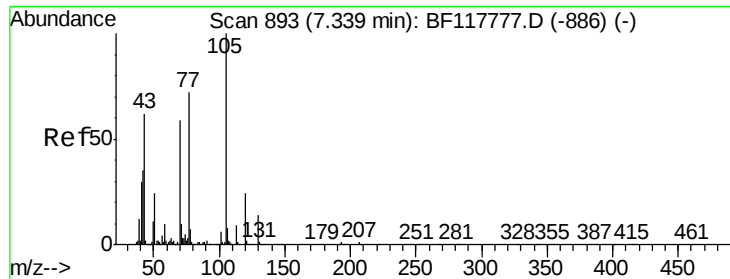
mohammad
11/26/2019 12:49:06 PM



#18
Hexachloroethane
Concen: 39.418 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	78.7	118.1	
201	94.5	86.5	129.7	





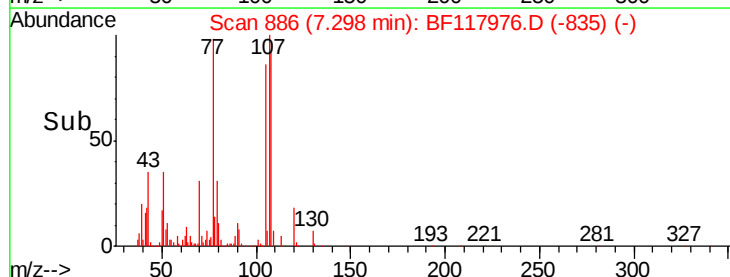
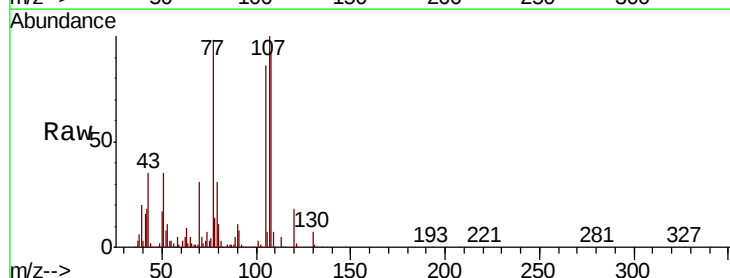
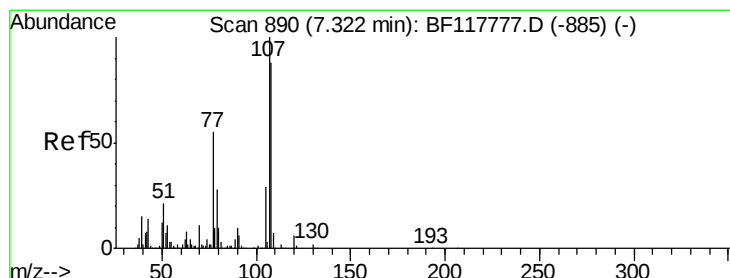
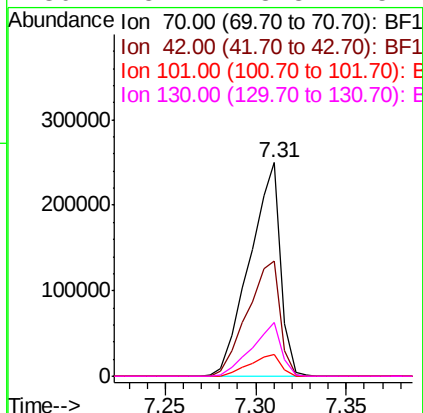
#19
n-Nitroso-di-n-propylamine
Concen: 44.469 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.4	71.2
101	10.2	8.4	12.6
130	25.1	18.8	28.2

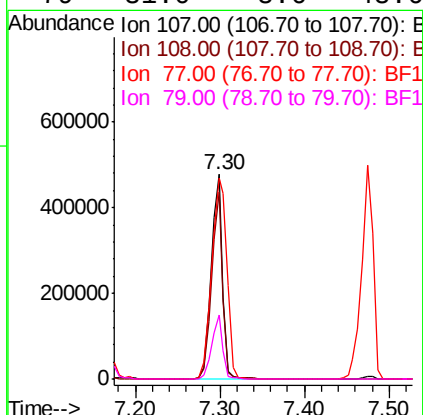
Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#20
3+4-Methylphenols
Concen: 44.575 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.4	108.4
77	98.4	35.2	75.2#
79	31.0	8.6	48.6





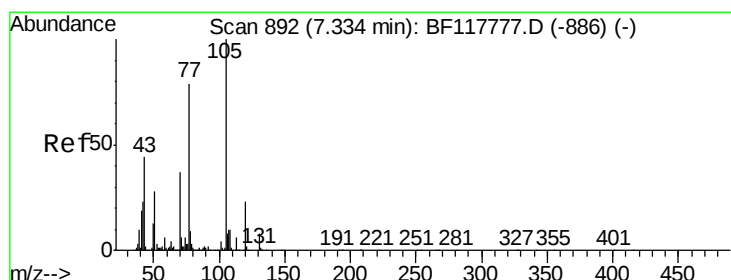
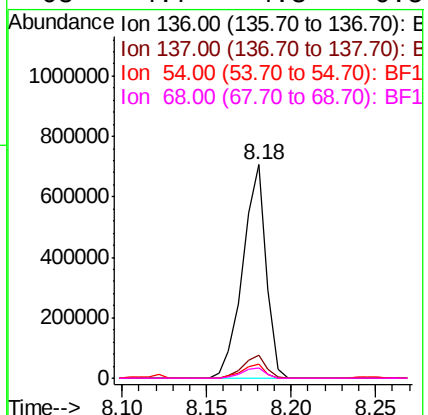
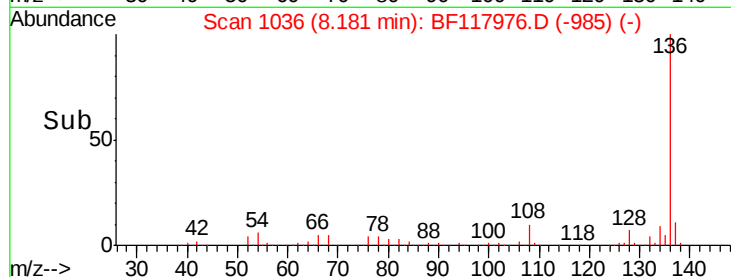
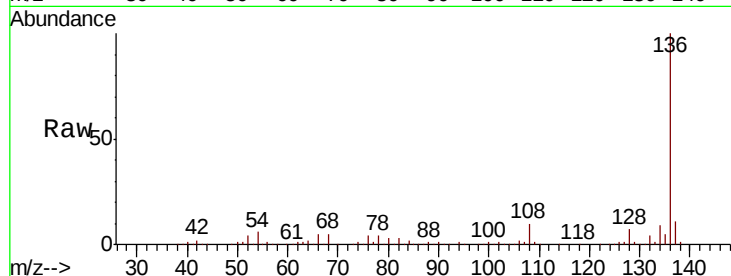
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.3	5.4	8.2
68	4.7	4.3	6.5

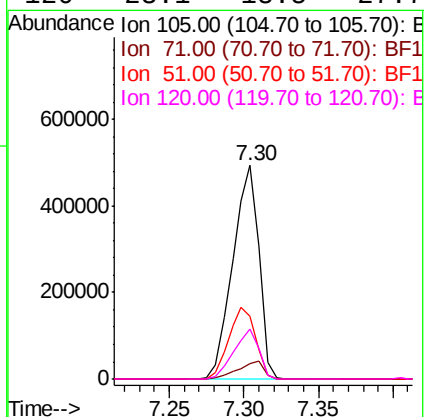
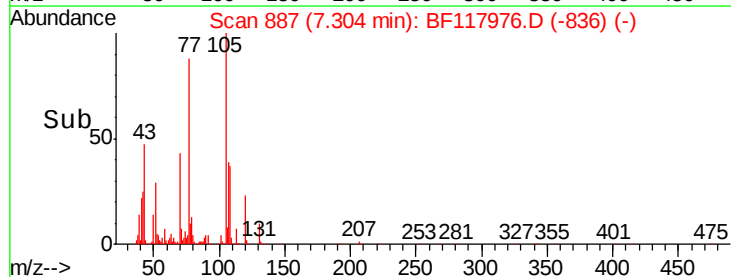
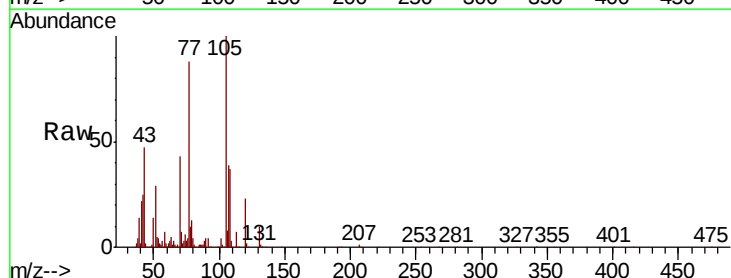
Manual Integrations
APPROVED

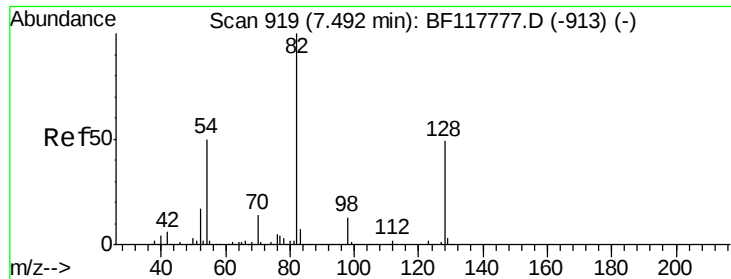
mohammad
11/26/2019 12:49:06 PM



#22
Acetophenone
Concen: 39.397 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.9	7.3
51	29.5	22.7	34.1
120	23.1	18.5	27.7





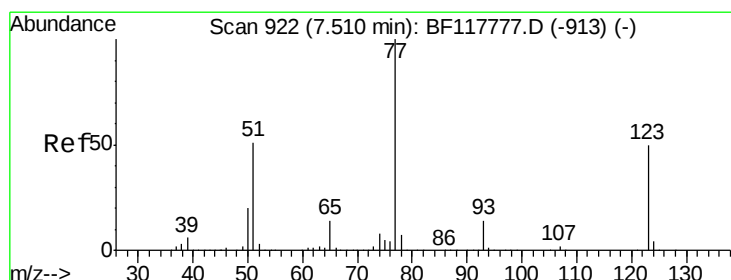
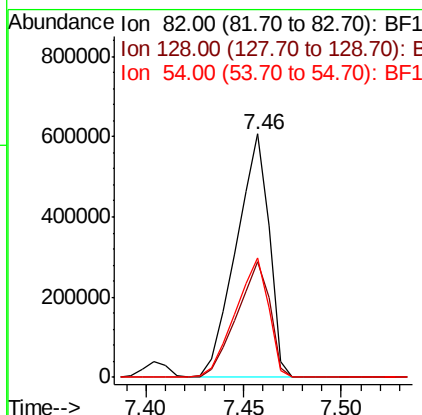
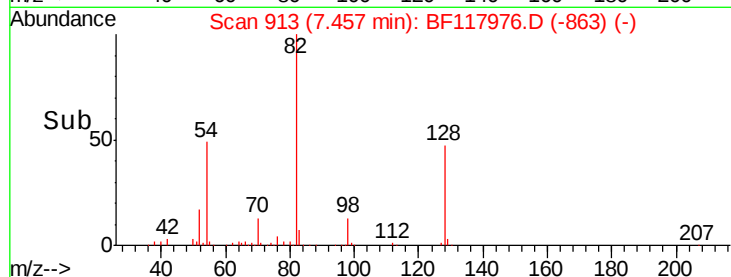
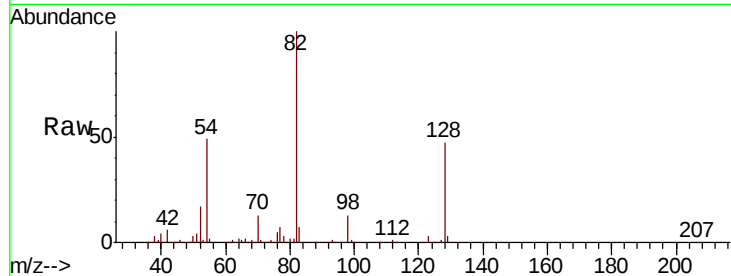
#23
Nitrobenzene-d5
Concen: 61.926 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.9	58.3
54	49.2	39.8	59.6

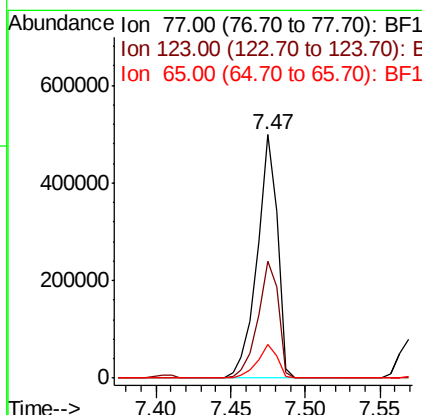
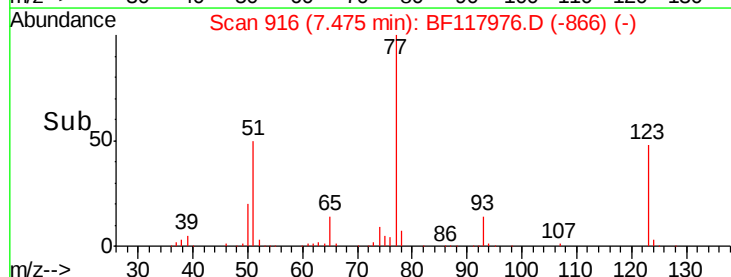
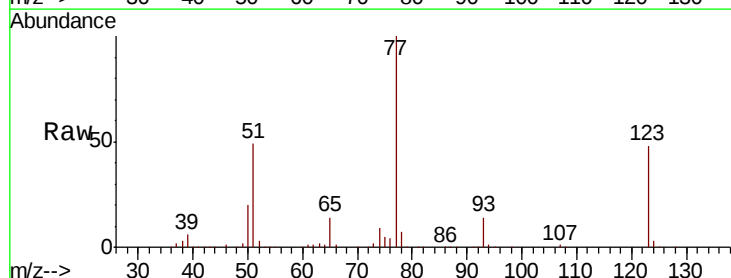
Manual Integrations
APPROVED

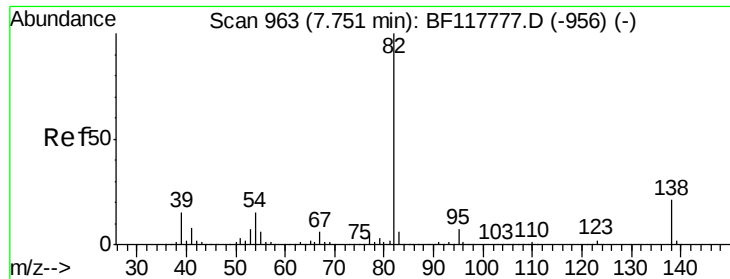
mohammad
11/26/2019 12:49:06 PM



#24
Nitrobenzene
Concen: 39.269 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	40.3	60.5
65	13.6	10.9	16.3





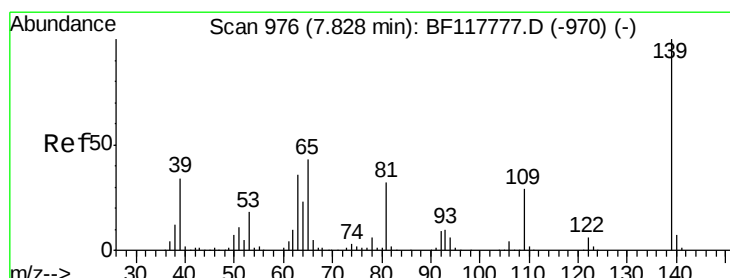
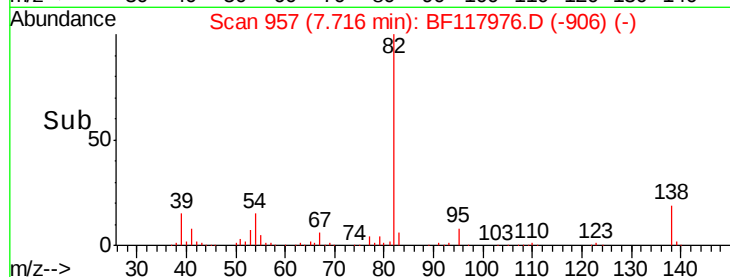
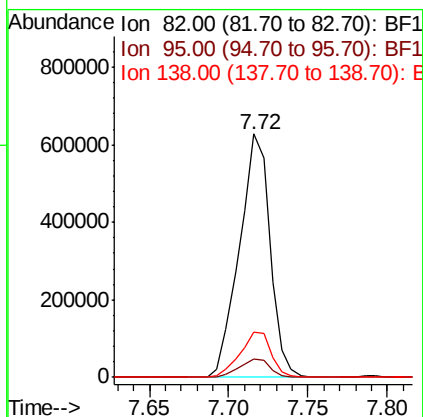
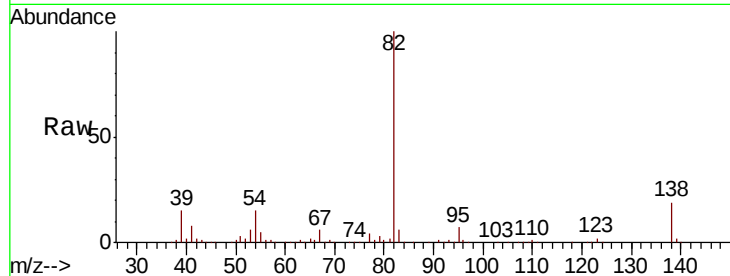
#25
Isophorone
Concen: 39.965 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	5.8	8.8	
138	18.5	16.5	24.7	

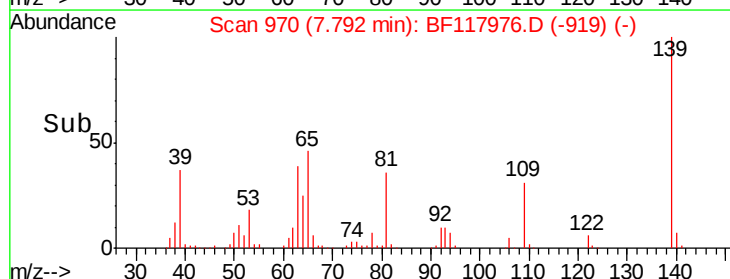
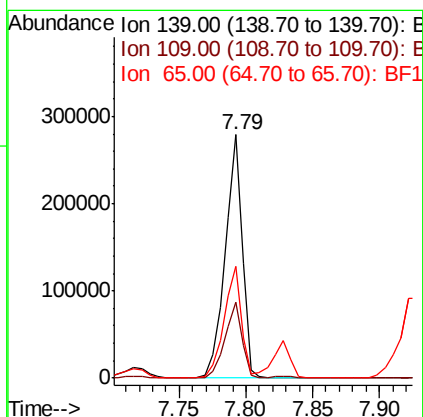
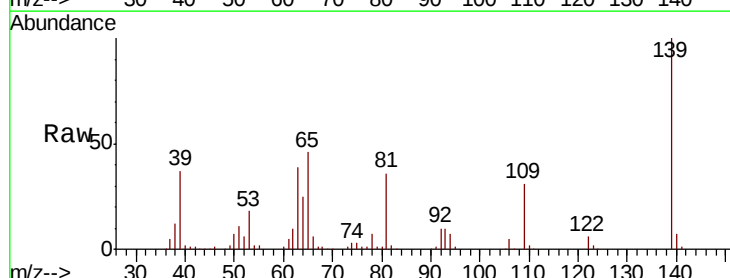
Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#26
2-Nitrophenol
Concen: 44.033 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.3	23.0	34.4	
65	46.0	34.7	52.1	





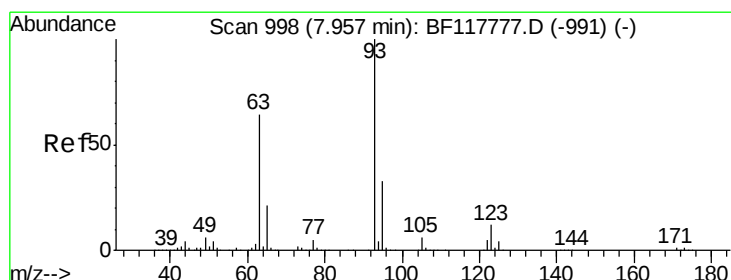
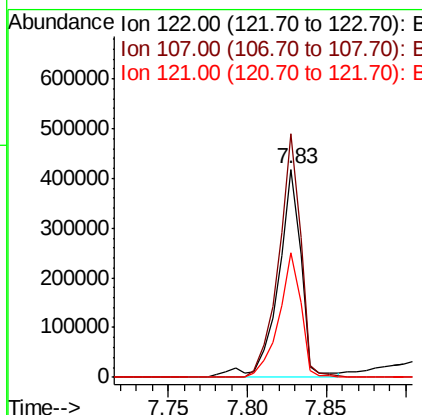
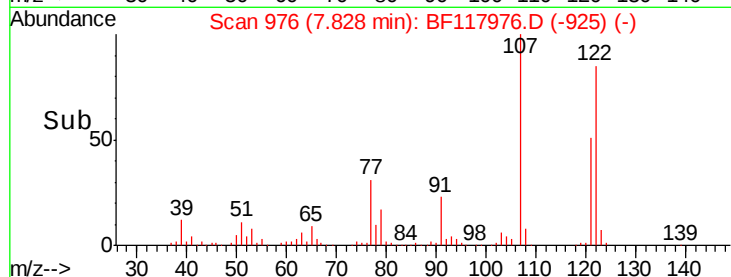
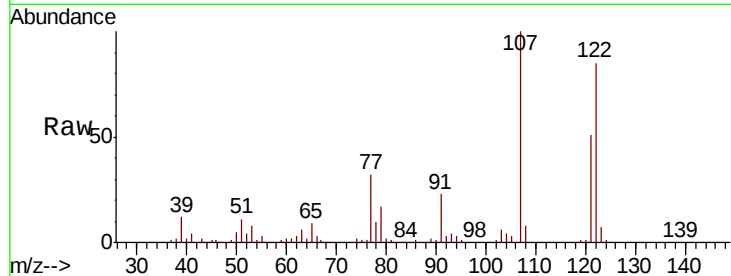
#27
2,4-Dimethylphenol
Concen: 46.982 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	90.0	135.0
121	60.2	46.7	70.1

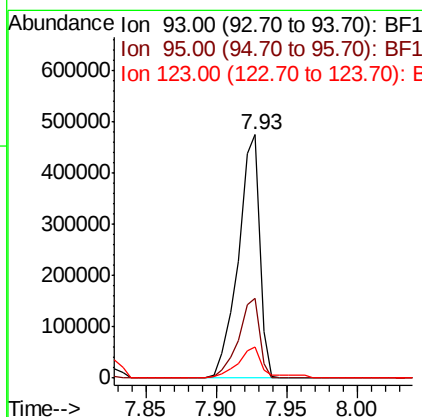
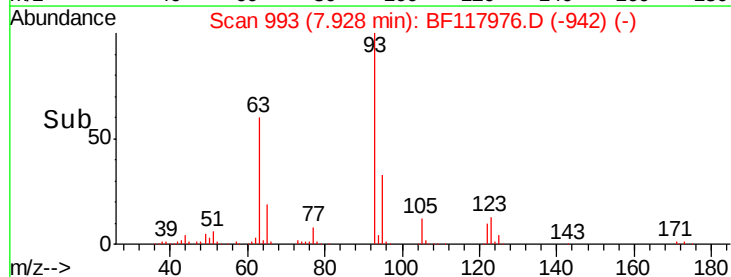
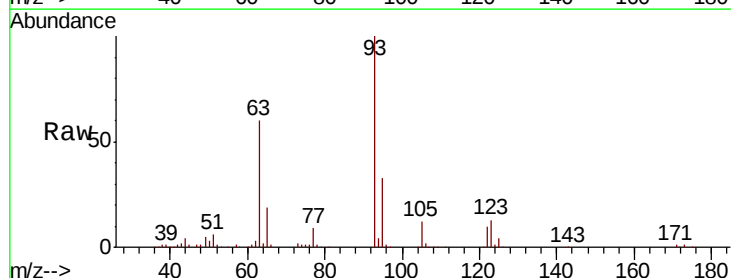
Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.579 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	12.9	10.3	15.5





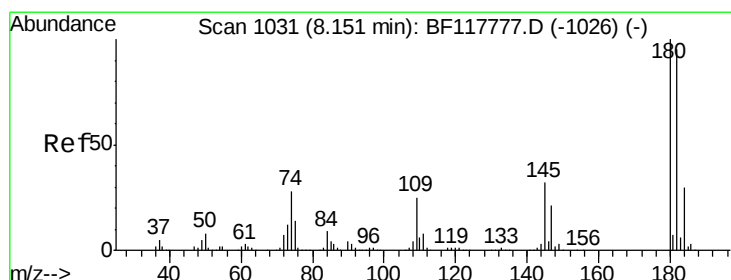
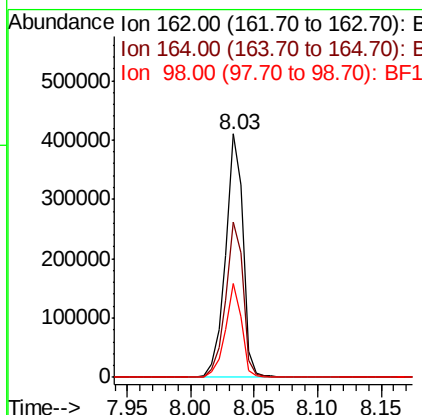
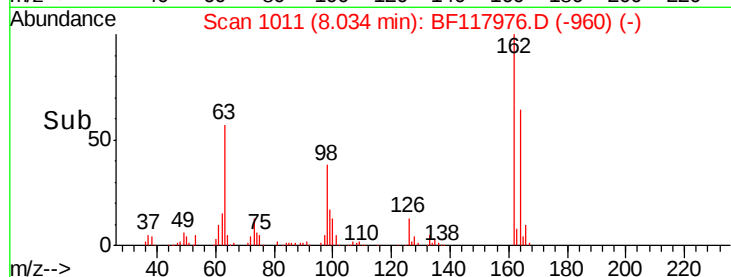
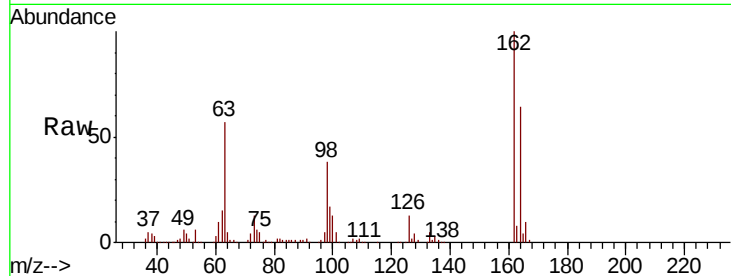
#29
2,4-Dichlorophenol
Concen: 40.241 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390926		
164	64.0	45.1	85.1	
98	38.5	17.2	57.2	

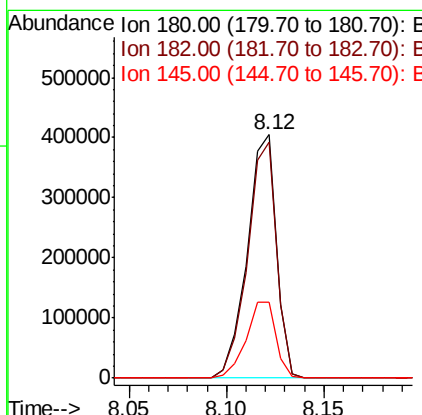
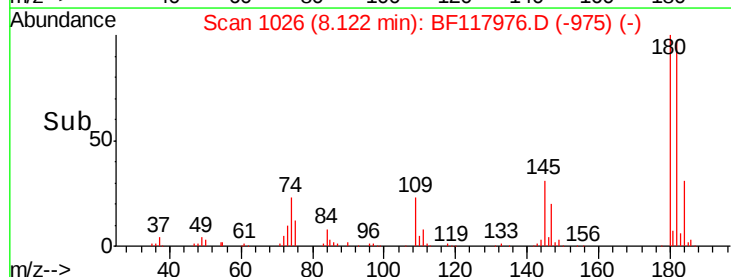
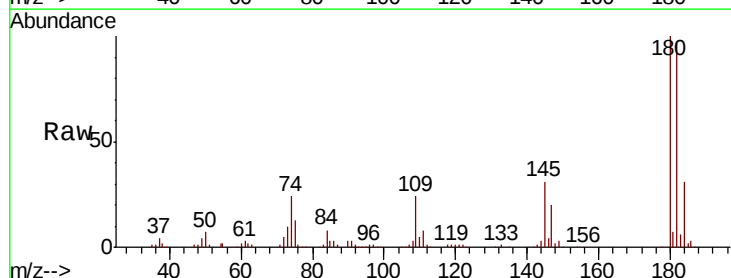
Manual Integrations
APPROVED

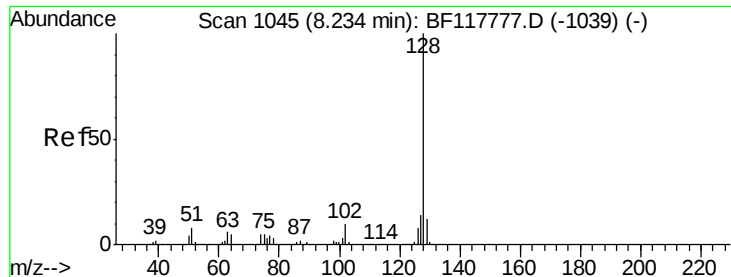
mohammad
11/26/2019 12:49:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.132 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	418409		
182	96.8	75.8	113.6	
145	31.2	25.5	38.3	





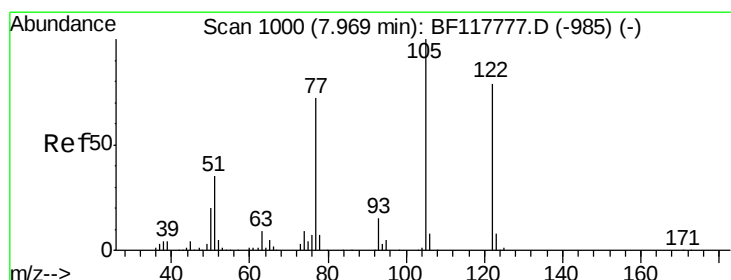
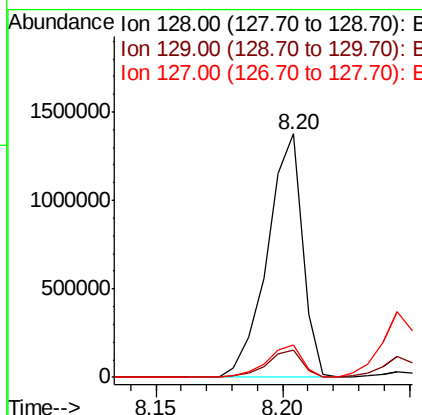
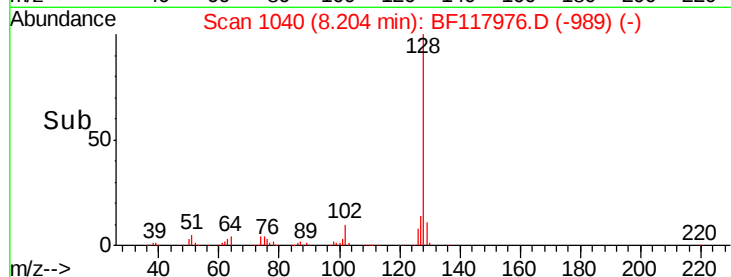
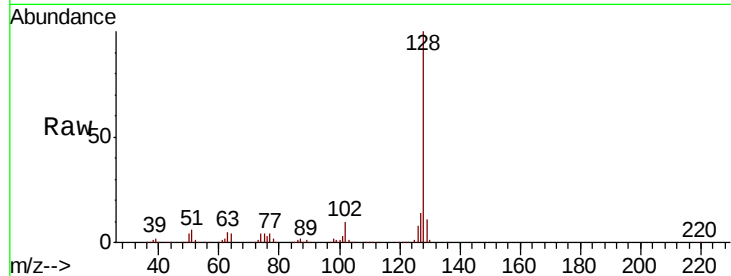
#31
Naphthalene
Concen: 41.544 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.6	11.3	16.9

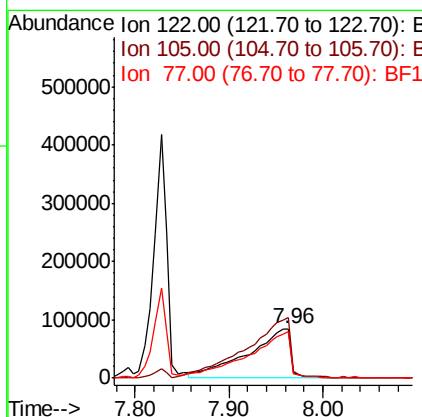
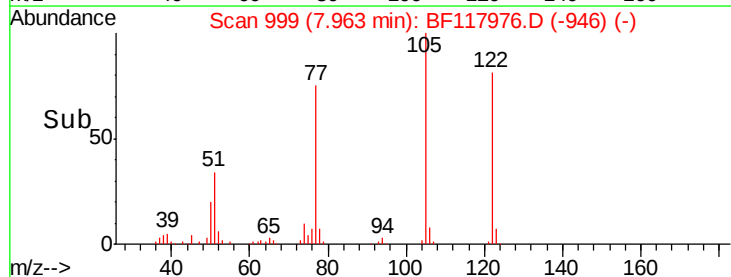
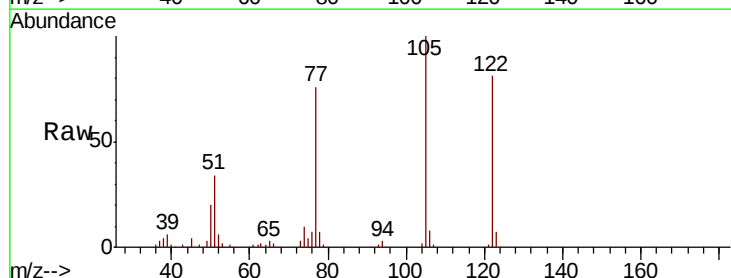
Manual Integrations
APPROVED

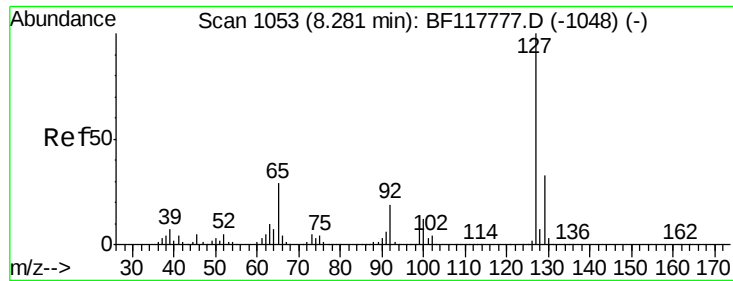
mohammad
11/26/2019 12:49:06 PM



#32
Benzoic acid
Concen: 35.405 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	102.7	142.7
77	93.3	70.5	110.5





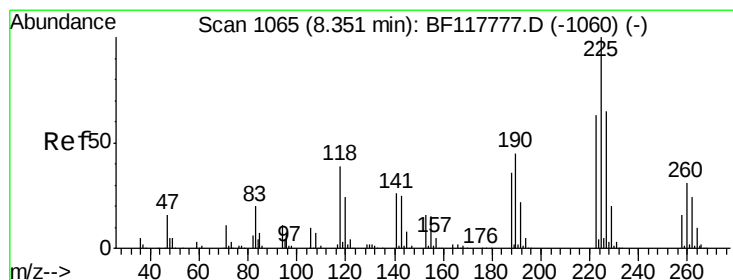
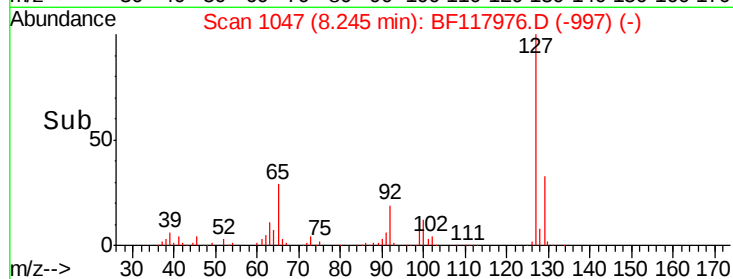
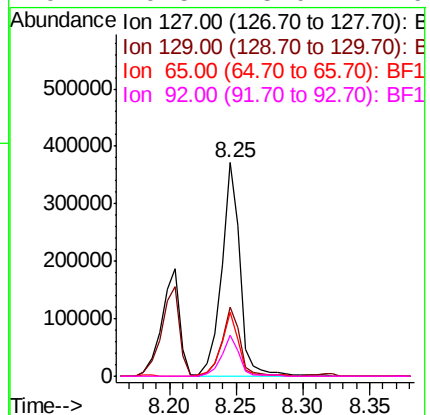
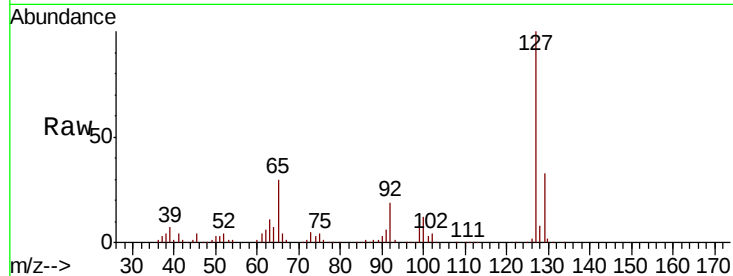
#33
4-Chloroaniline
Concen: 25.305 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.5	39.7		
65	29.7	22.9	34.3		
92	19.5	15.0	22.6		

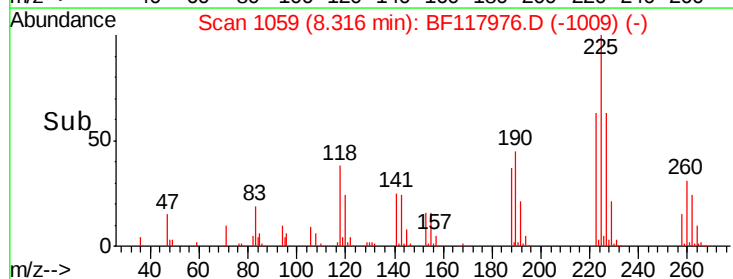
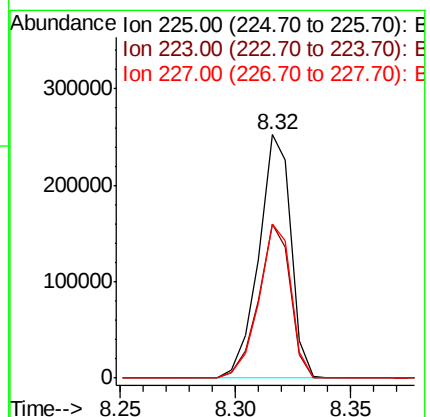
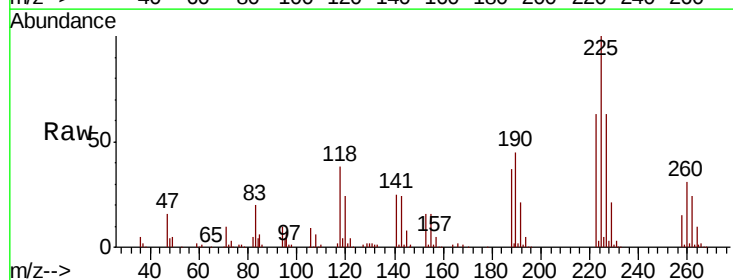
Manual Integrations
APPROVED

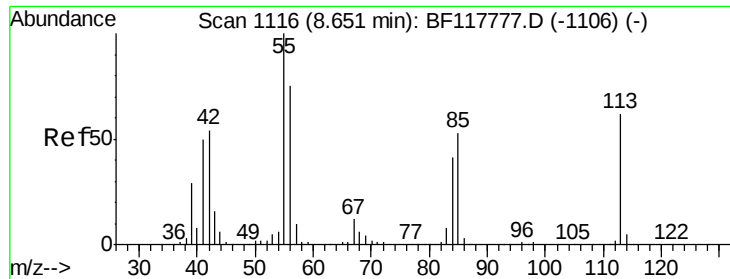
mohammad
11/26/2019 12:49:06 PM



#34
Hexachlorobutadiene
Concen: 37.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.0	75.0		
227	63.5	51.8	77.6		





#35

Caprolactam

Concen: 39.641 ng/ml

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleID :

PB125026BS

Tot Ion:113 Resp: 122388

Ion Ratio Lower Upper

113 100

55 148.0 141.1 181.1

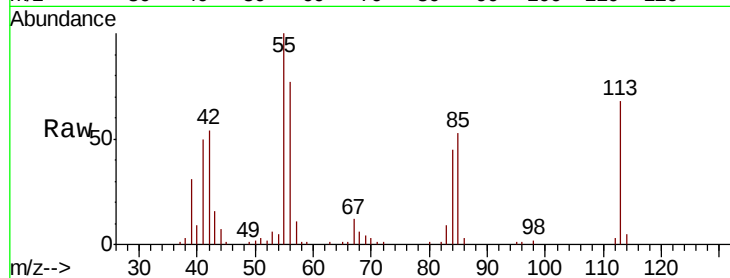
56 114.4 100.5 140.5

Manual Integrations

APPROVED

mohammad

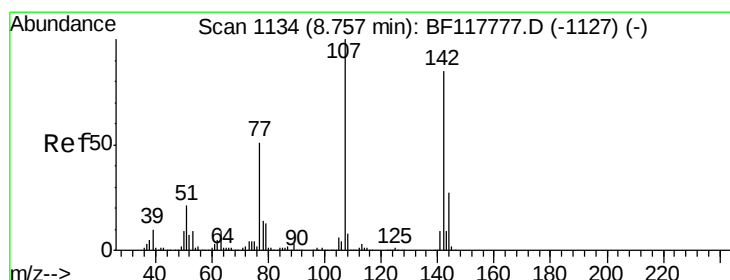
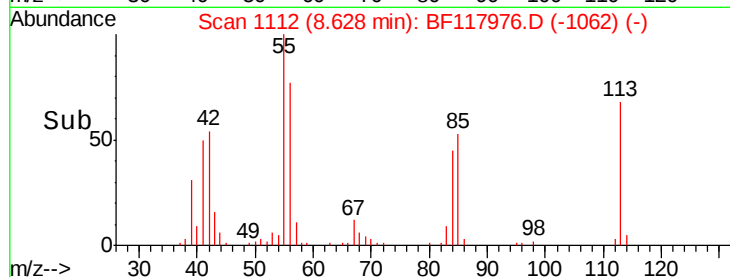
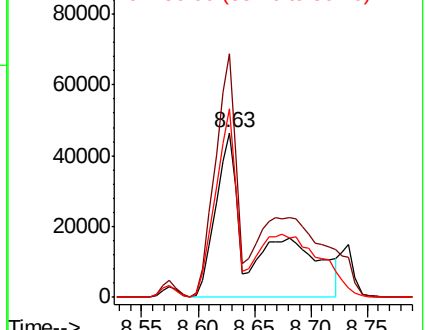
11/26/2019 12:49:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.404 ng/ml

RT: 8.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

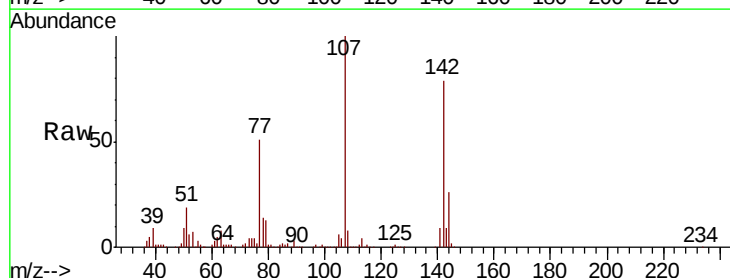
Tgt Ion:107 Resp: 418065

Ion Ratio Lower Upper

107 100

144 25.9 21.9 32.9

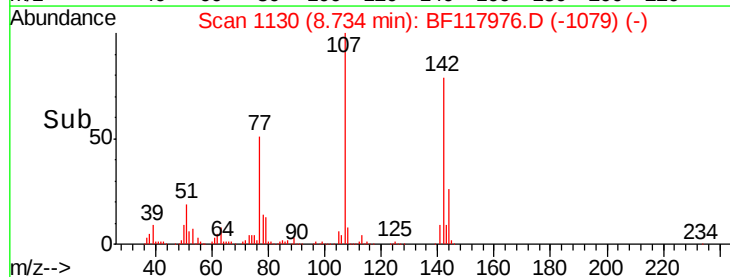
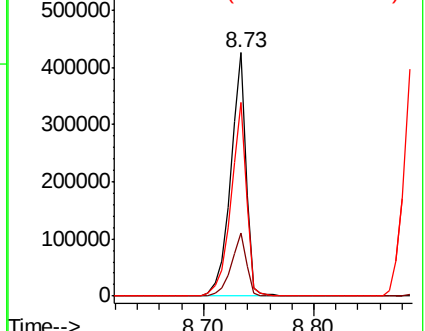
142 79.3 67.7 101.5

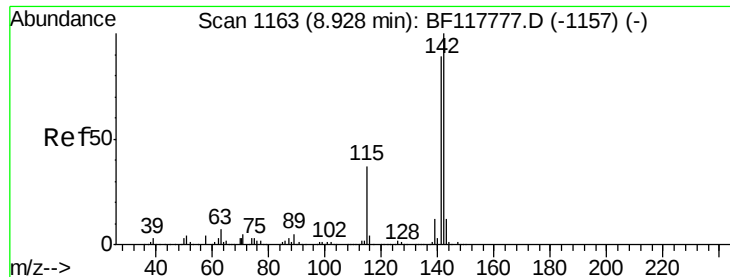


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





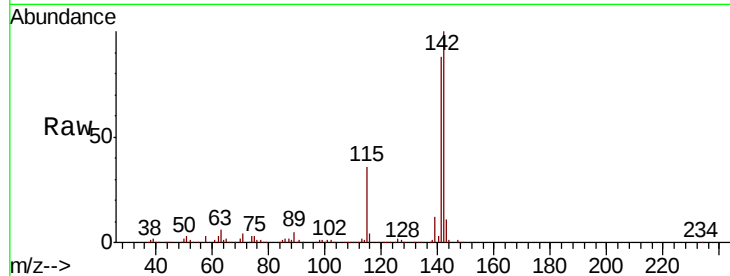
#37
2-Methylnaphthalene
Concen: 42.518 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	35.6	29.2	43.8

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

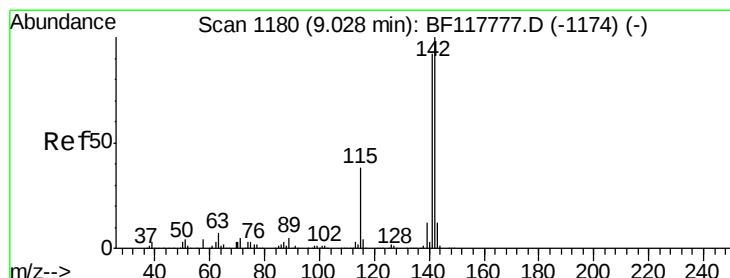
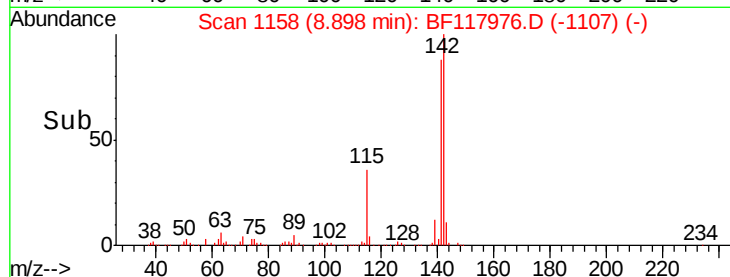
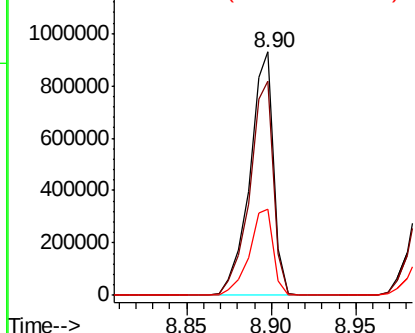


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.173 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

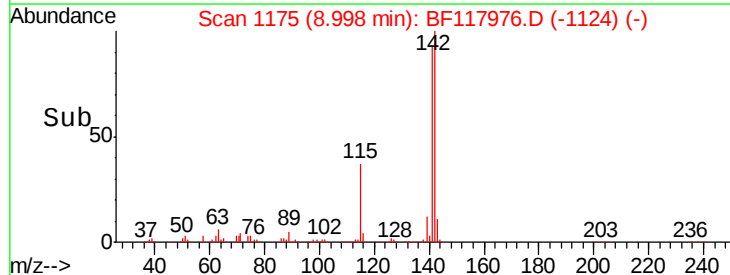
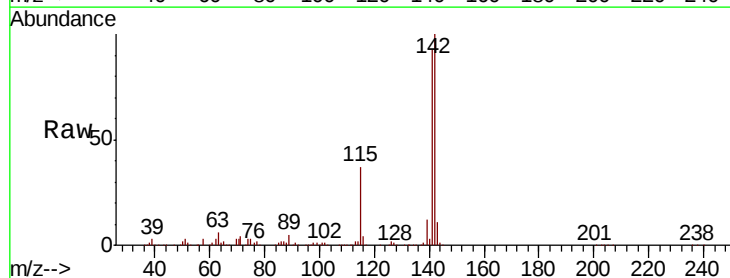
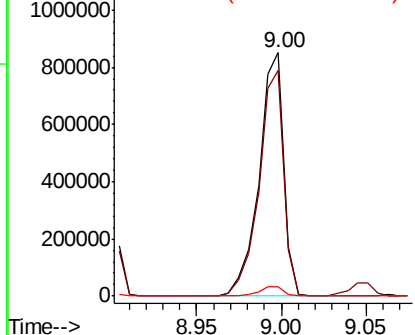
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	3.8	3.2	4.8

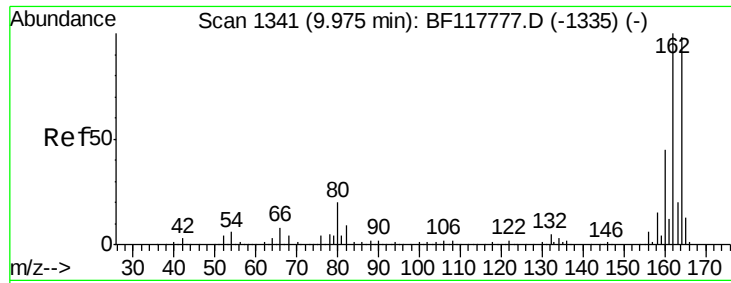
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





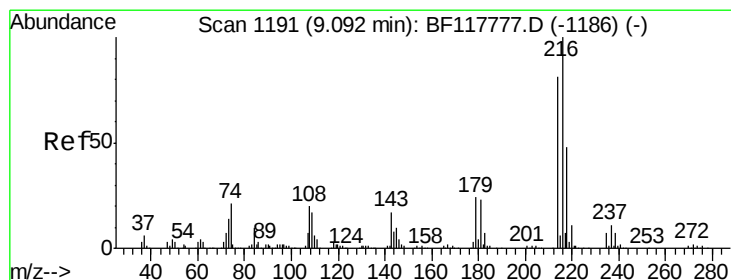
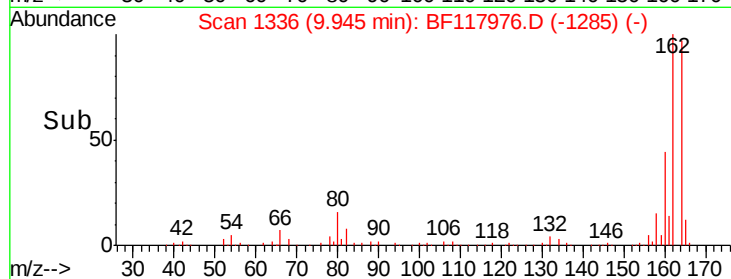
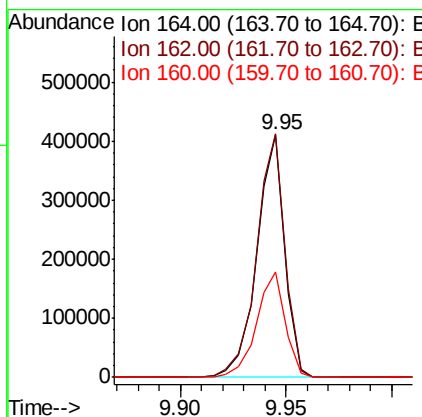
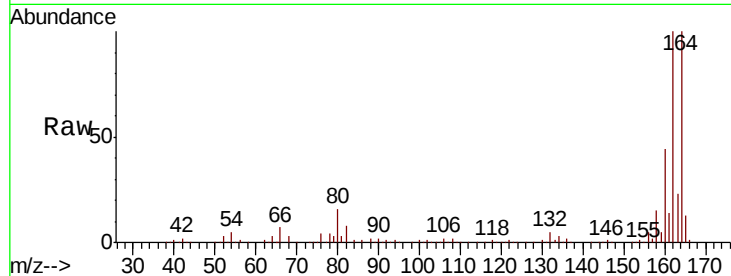
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	43.7	36.6	55.0

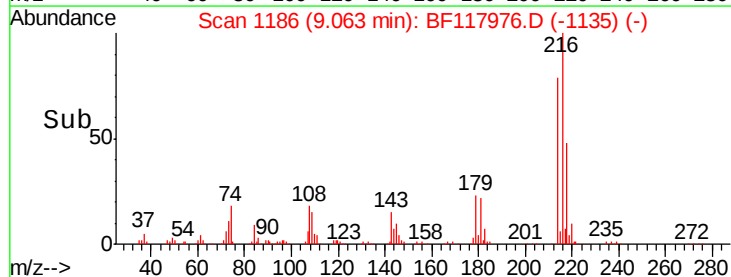
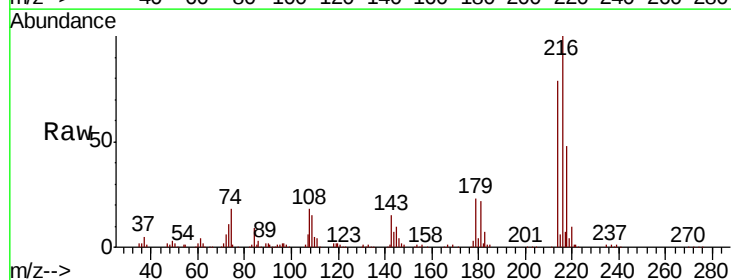
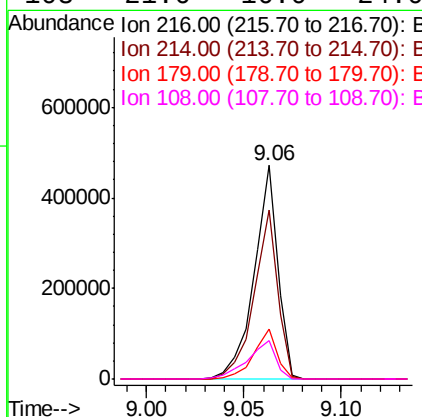
Manual Integrations
APPROVED

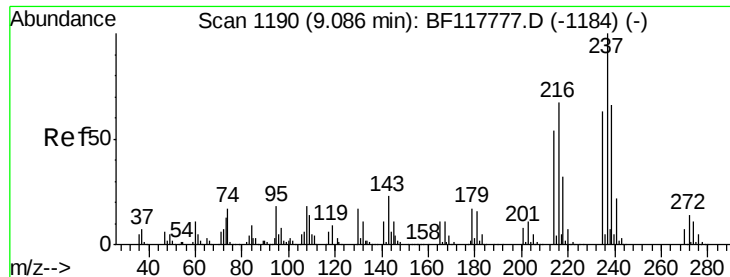
mohammad
11/26/2019 12:49:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.369 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	23.3	18.2	27.4
108	21.6	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 62.664 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

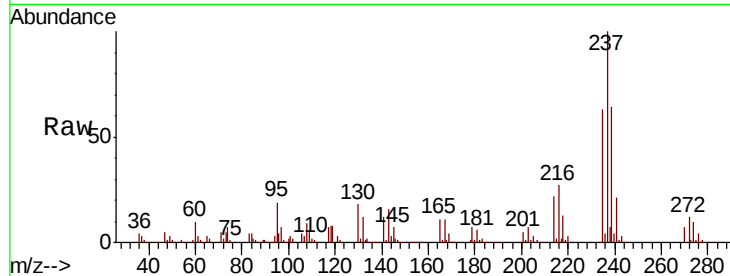
ClientSampleId :

PB125026BS

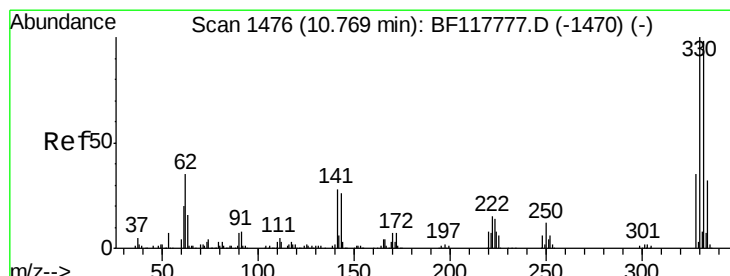
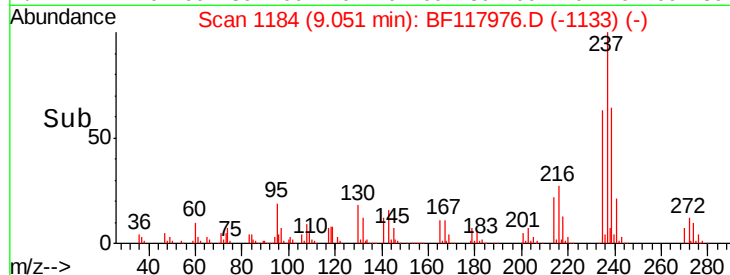
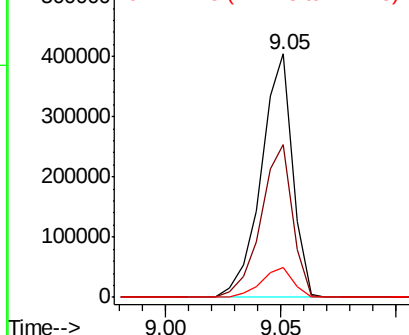
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.8	42.6	82.6		
272	12.4	0.0	34.3		

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



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



#42

2,4,6-Tribromophenol

Concen: 120.638 ng

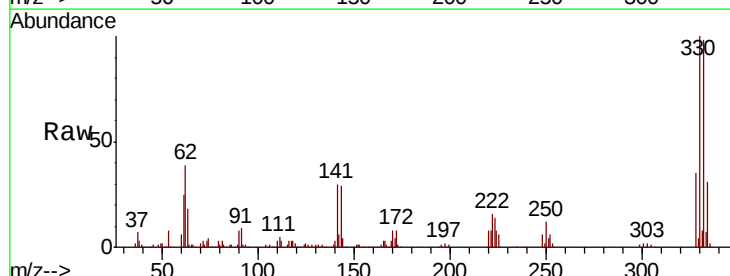
RT: 10.74 min Scan# 1471

Delta R.T. 0.00 min

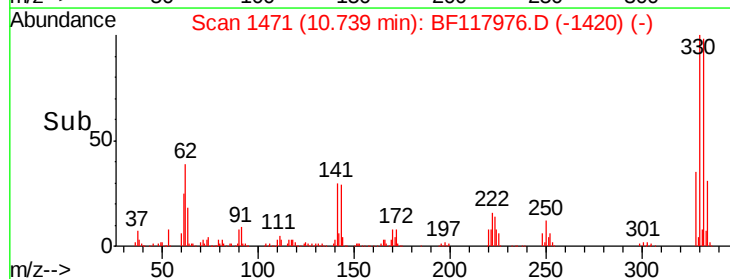
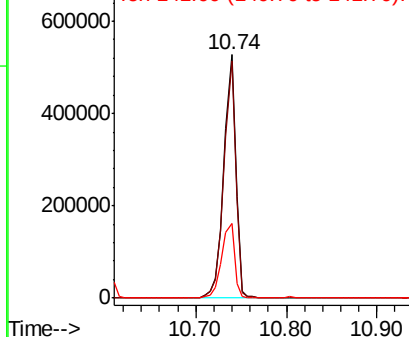
Lab File: BF117976.D

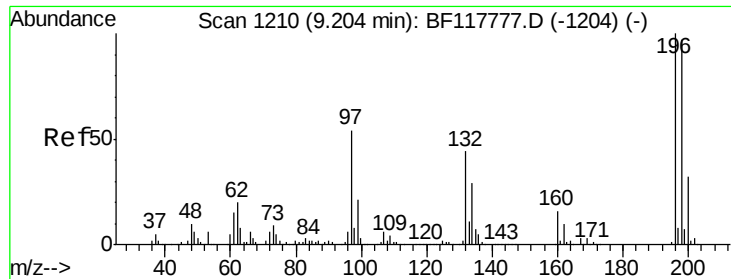
Acq: 25 Nov 2019 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.5	76.7	115.1		
141	33.1	27.7	41.5		



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





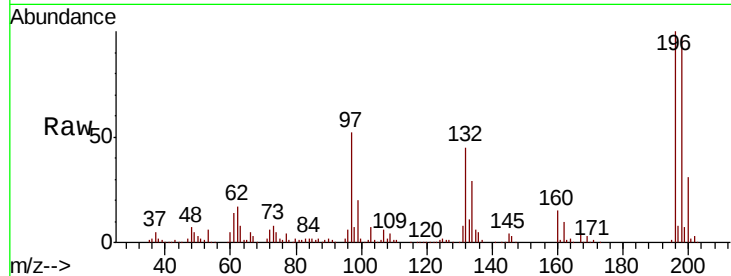
#43
 2,4,6-Trichlorophenol
 Concen: 37.370 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampled :
 PB125026BS

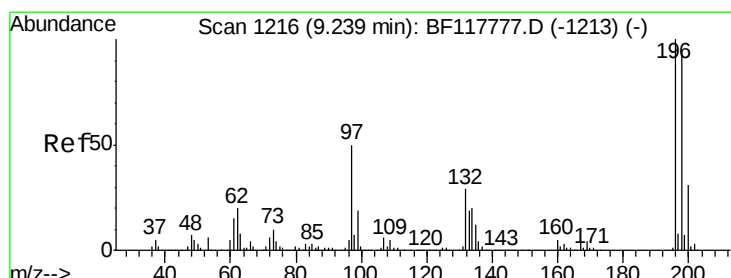
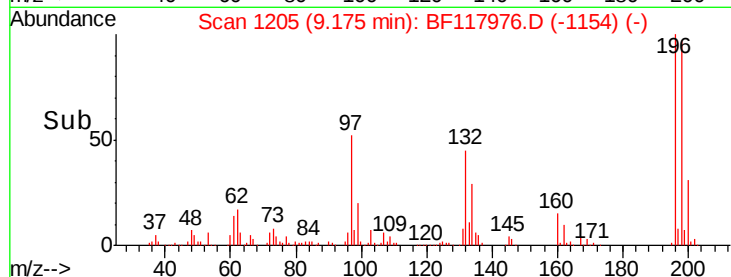
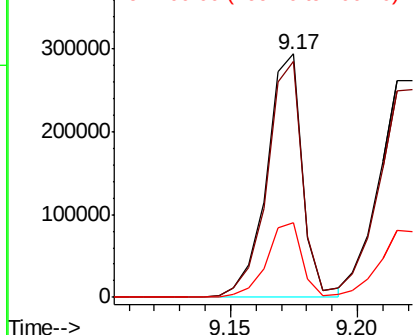
Tot Ion	Ratio	Resp	Lower	Upper
196	100	291451		
198	96.7	77.8	116.6	
200	30.5	25.4	38.0	

Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:49:06 PM



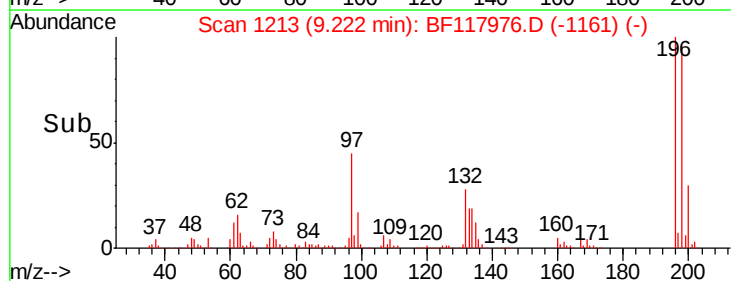
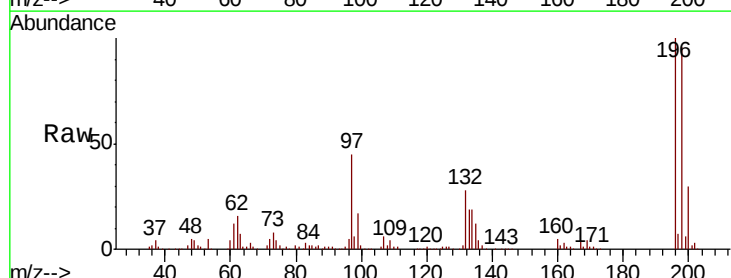
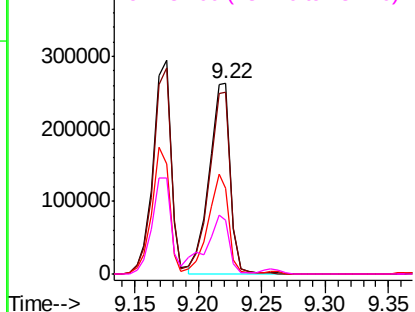
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

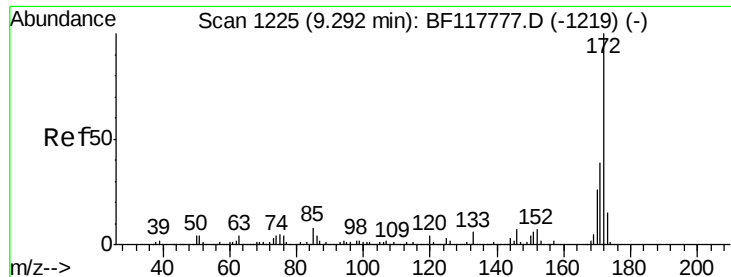


#44
 2,4,5-Trichlorophenol
 Concen: 38.276 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309945		
198	95.7	76.3	114.5	
97	45.2	40.0	60.0	
132	27.9	23.6	35.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





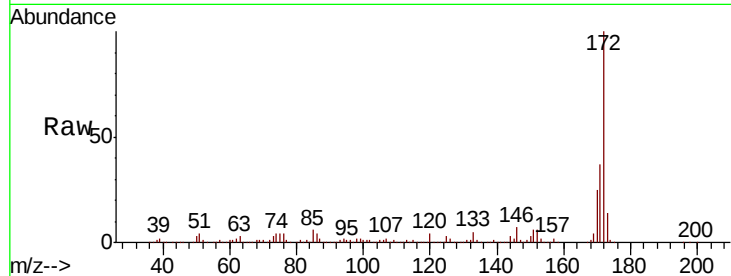
#45
2-Fluorobiphenyl
Concen: 69.798 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	30.9	46.3	
170	24.6	21.0	31.4	

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

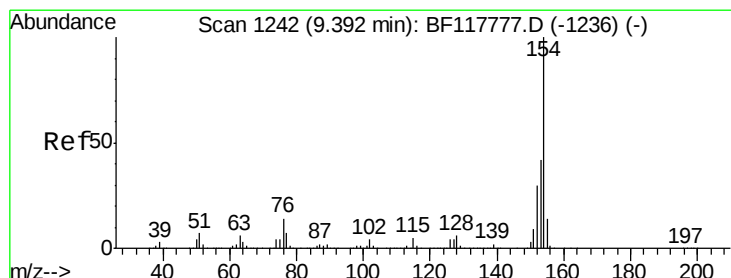
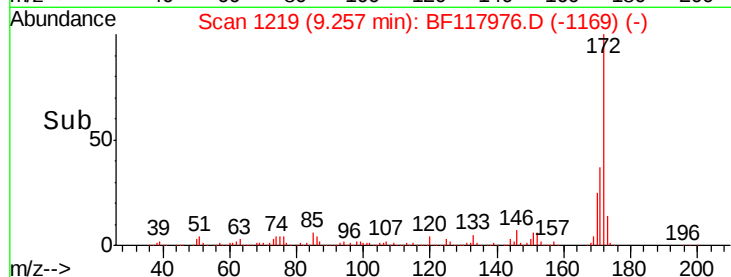
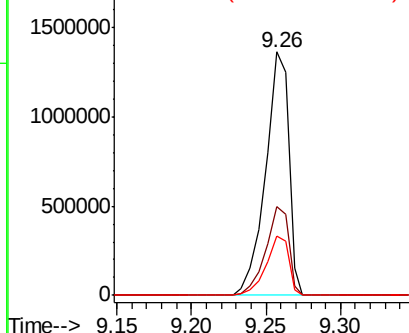


Abundance

Ion 172.00 (171.70 to 172.70): E

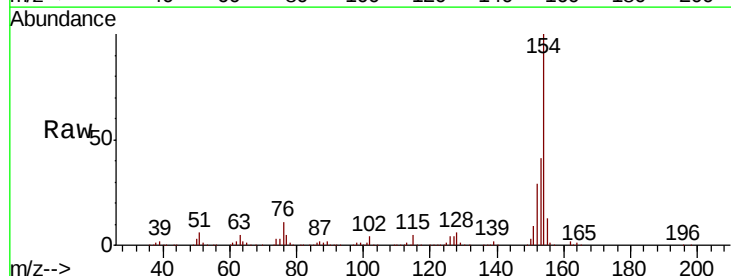
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.662 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	21.9	61.9	
76	10.9	0.0	33.6	

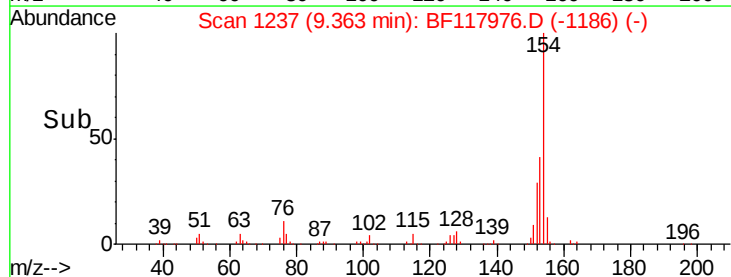
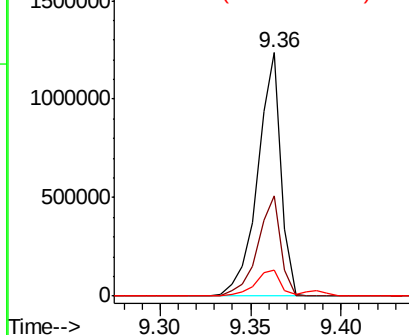


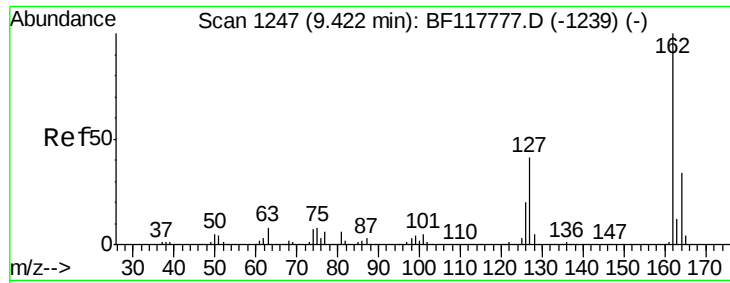
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





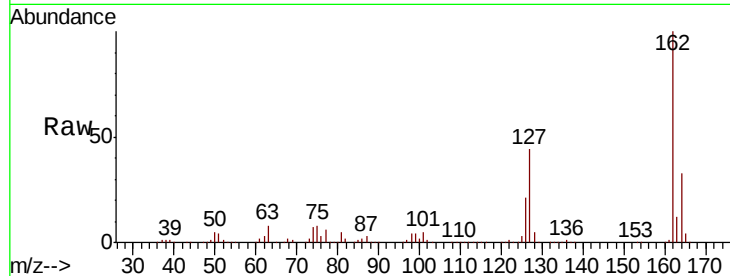
#47
2-Chloronaphthalene
Concen: 36.821 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

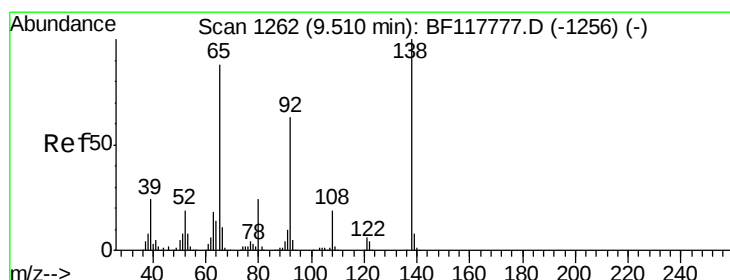
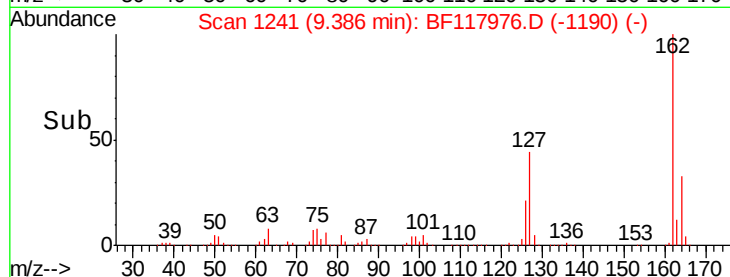
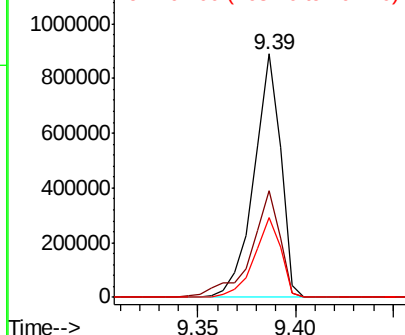
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	33.2	49.8
164	32.7	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

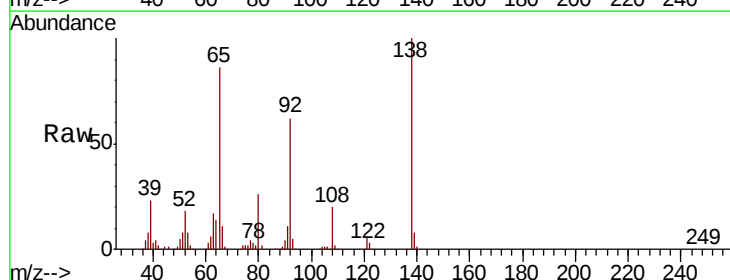


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

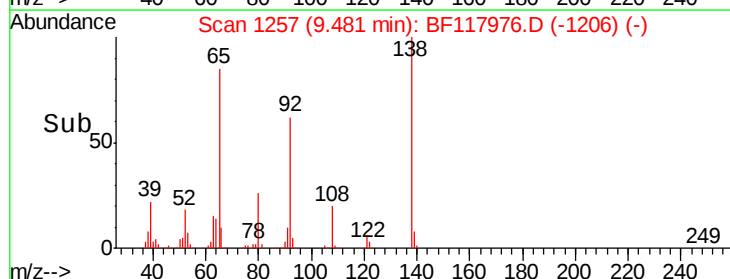
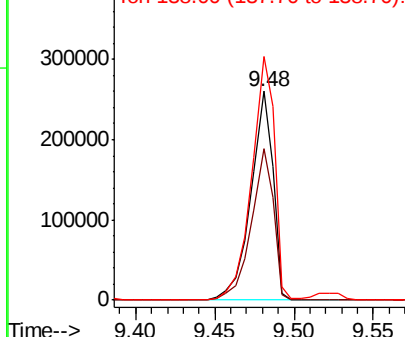


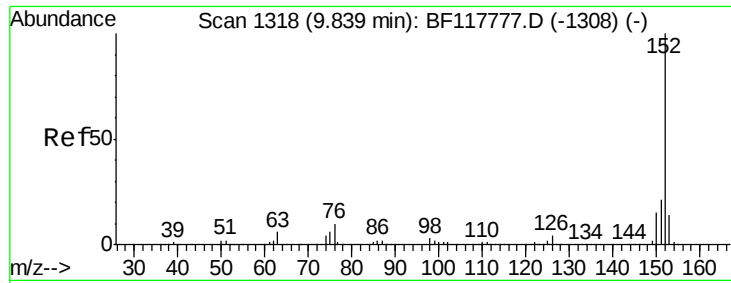
#48
2-Nitroaniline
Concen: 36.449 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	56.6	84.8
138	116.8	90.5	135.7



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





#49

Acenaphthylene

Concen: 40.224 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

PB125026BS

Tot Ion:152 Resp: 1341993

Ion Ratio Lower Upper

152 100

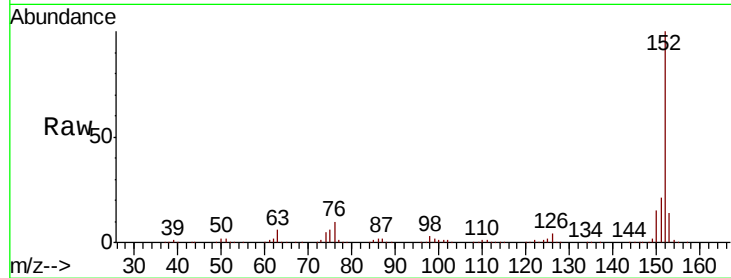
151 20.8 17.0 25.6

153 13.9 11.0 16.6

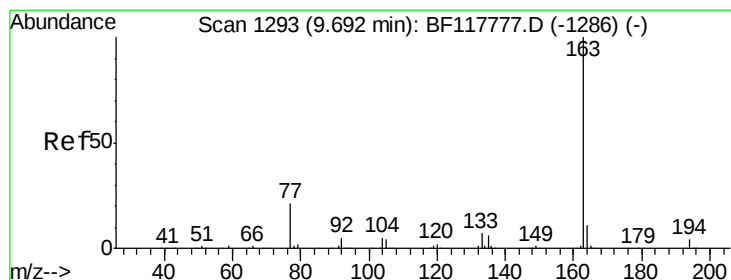
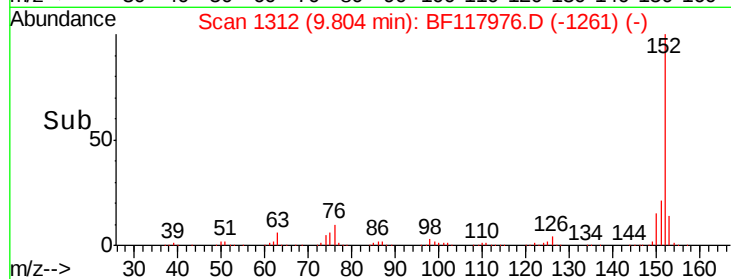
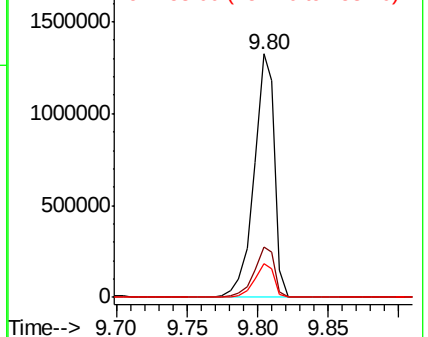
Manual Integrations
APPROVED

mohammad

11/26/2019 12:49:06 PM



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



#50

Dimethylphthalate

Concen: 38.980 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

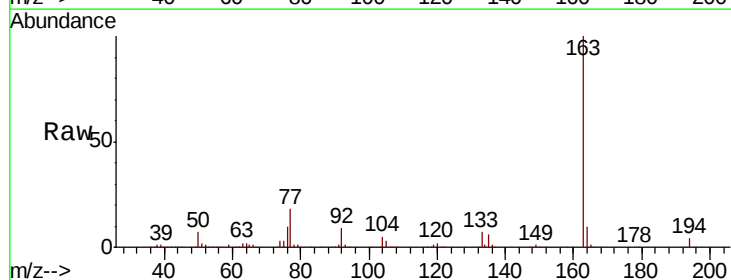
Tgt Ion:163 Resp: 1024877

Ion Ratio Lower Upper

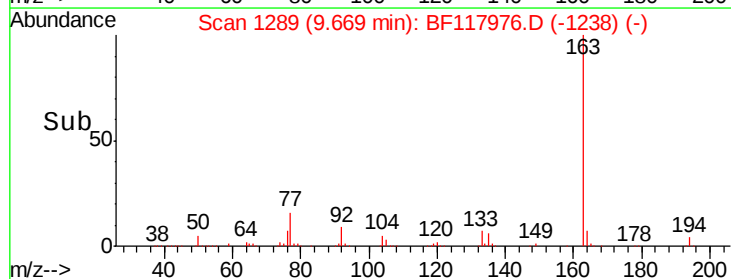
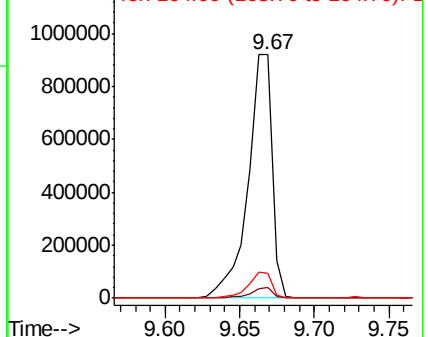
163 100

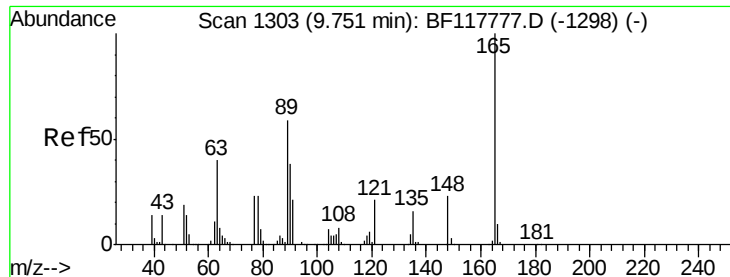
194 4.1 3.3 4.9

164 10.0 8.7 13.1



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





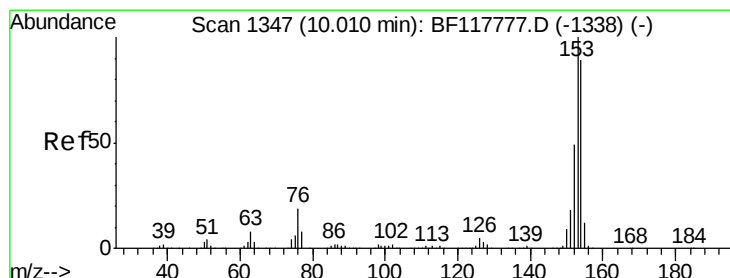
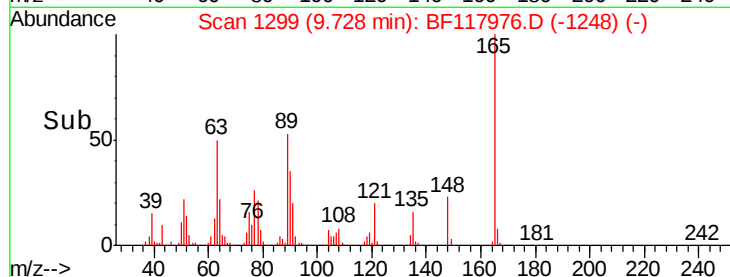
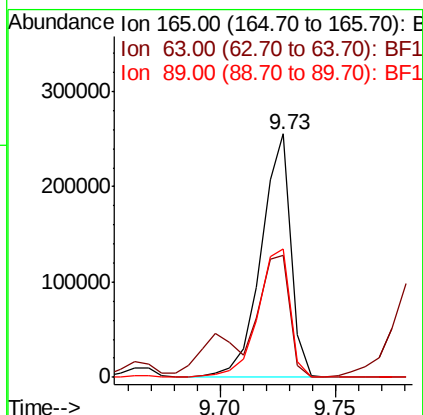
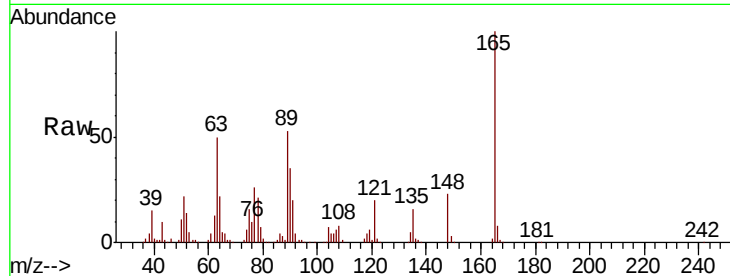
#51
2,6-Dinitrotoluene
Concen: 39.921 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229396		
63	49.9	46.0	69.0	
89	53.0	47.7	71.5	

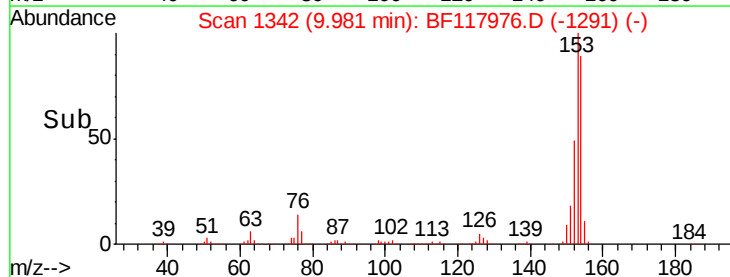
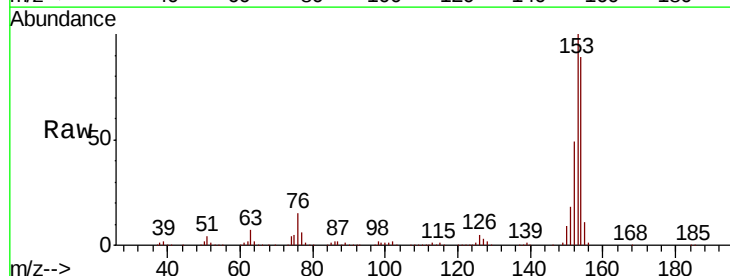
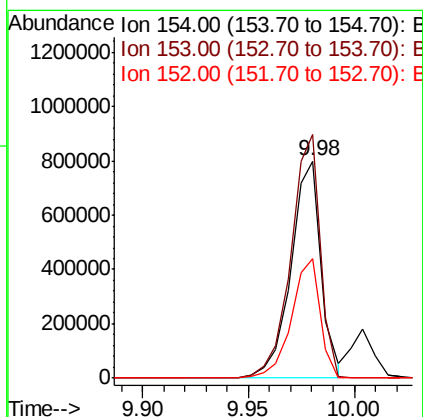
Manual Integrations
APPROVED

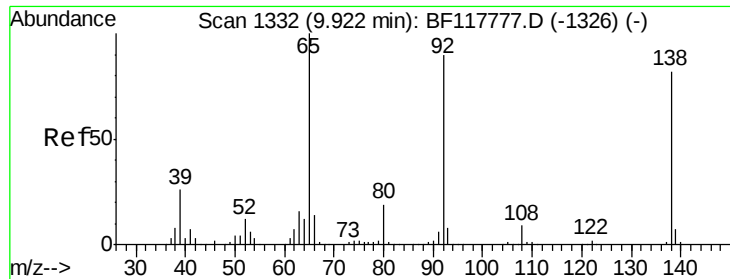
mohammad
11/26/2019 12:49:06 PM



#52
Acenaphthene
Concen: 37.147 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	793927		
153	112.3	90.1	135.1	
152	54.9	44.0	66.0	





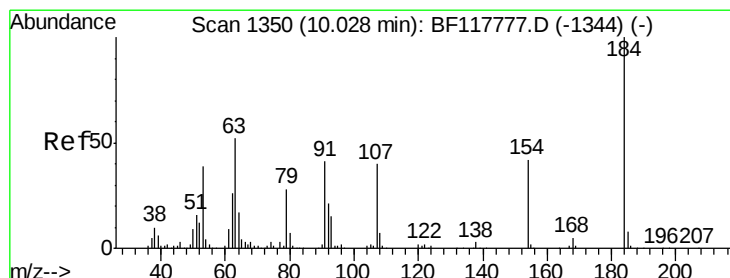
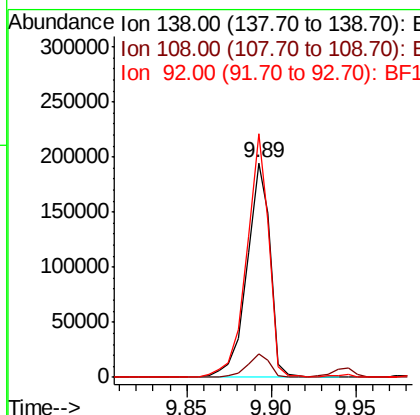
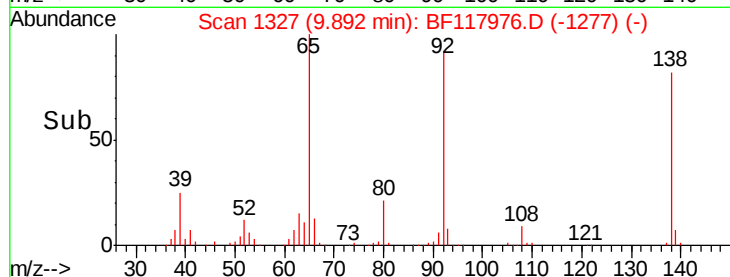
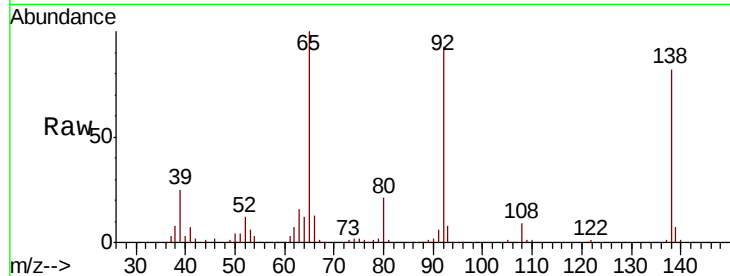
#53
3-Nitroaniline
Concen: 27.003 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	113.7	87.9	131.9

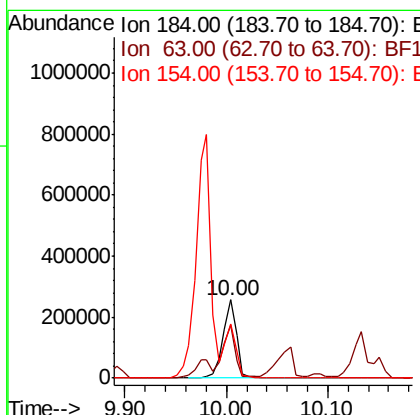
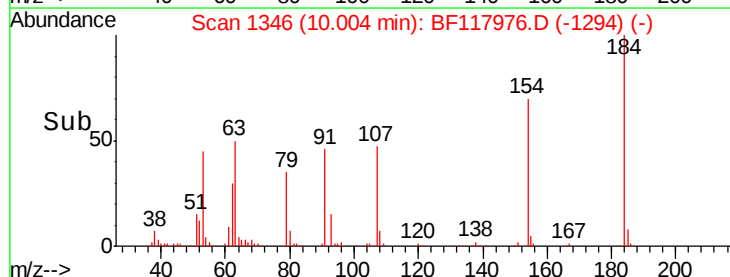
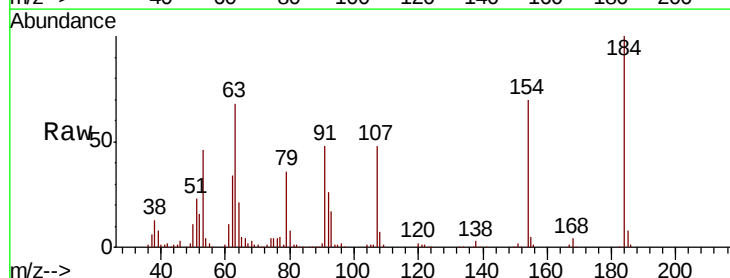
Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#54
2,4-Dinitrophenol
Concen: 80.896 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	43.0	64.6#
154	69.5	48.0	72.0





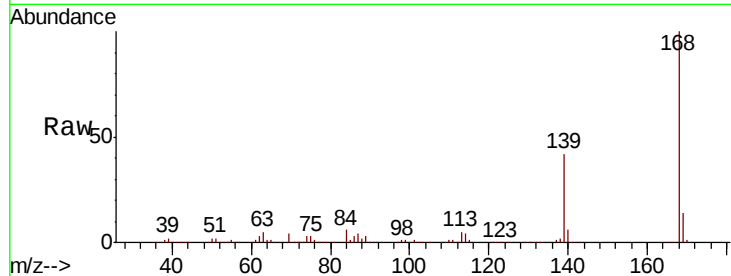
#55
Dibenzenofuran
Concen: 40.122 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.0	49.6
169	13.6	11.5	17.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

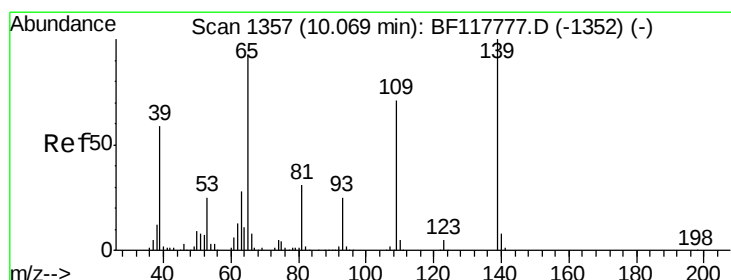
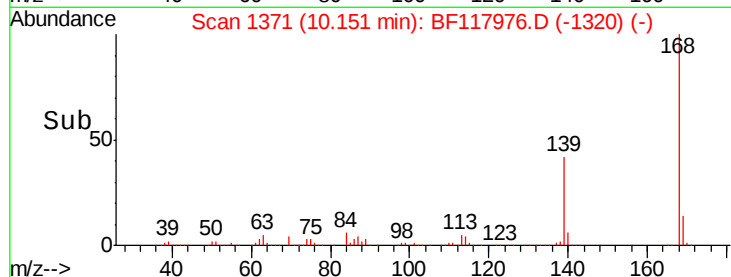
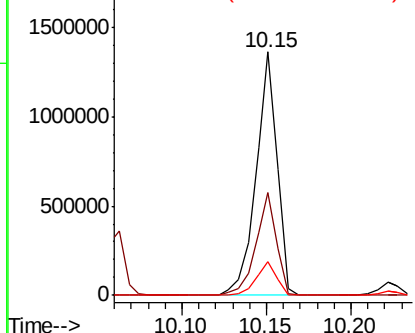


Abundance

Ion 168.00 (167.70 to 168.70): E

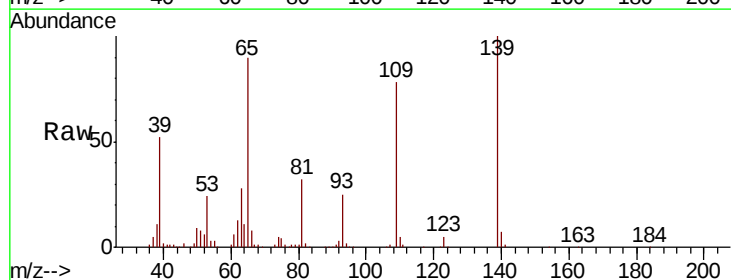
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.693 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.9	50.8	90.8
65	89.8	73.6	113.6

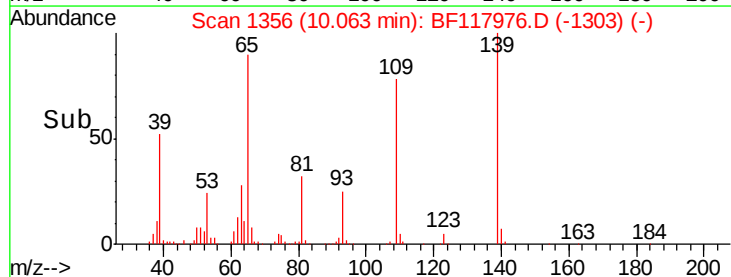
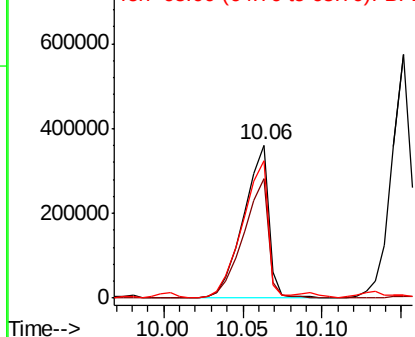


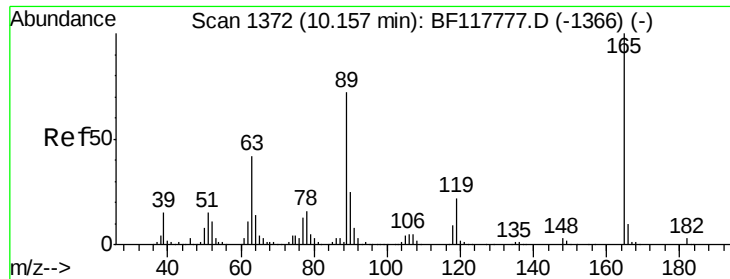
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





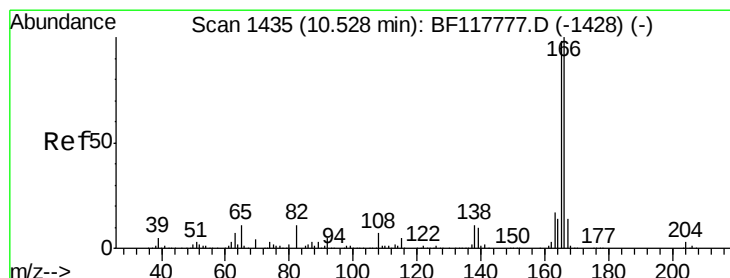
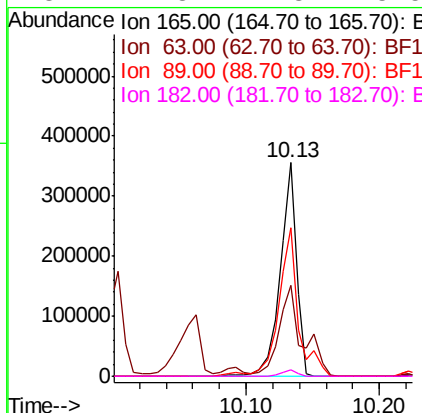
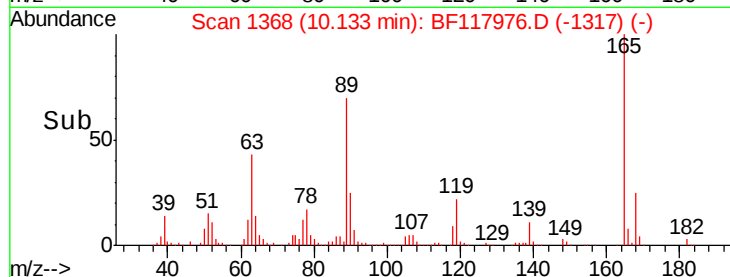
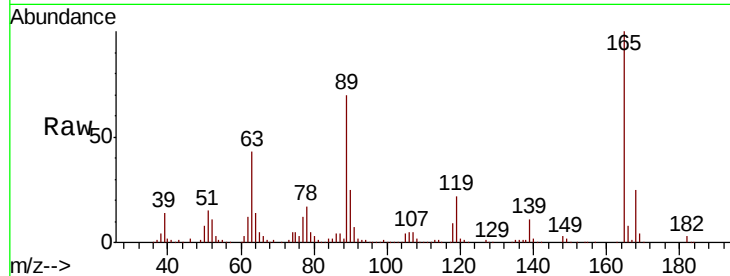
#57
2,4-Dinitrotoluene
Concen: 42.097 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.7	50.5
89	69.6	57.3	85.9
182	2.8	2.3	3.5

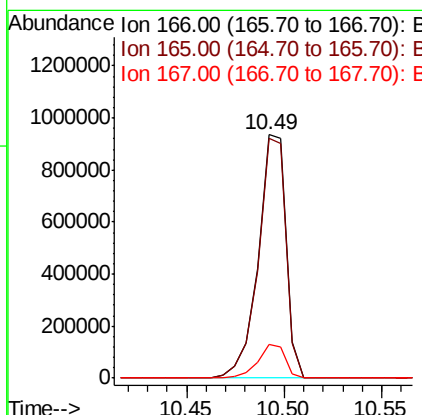
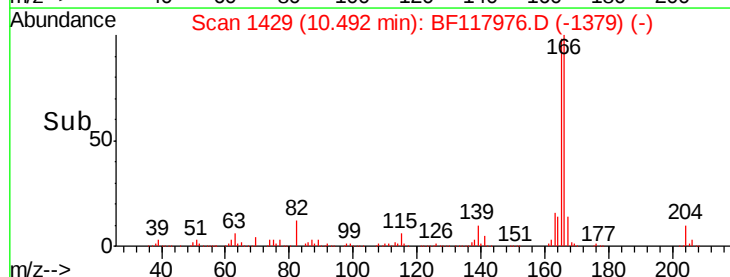
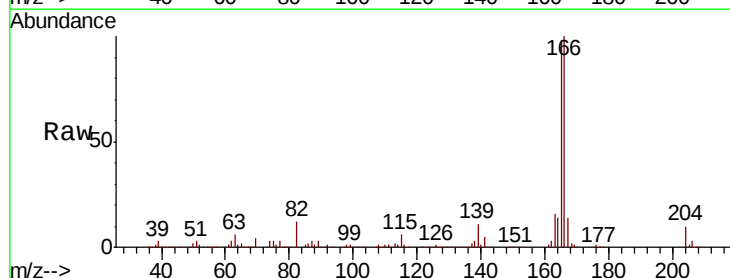
Manual Integrations
APPROVED

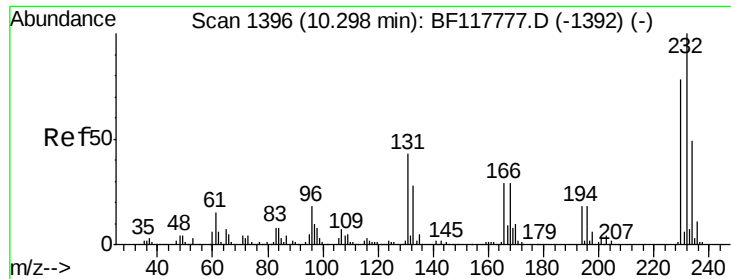
mohammad
11/26/2019 12:49:06 PM



#58
Fluorene
Concen: 40.333 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.6	11.0	16.4





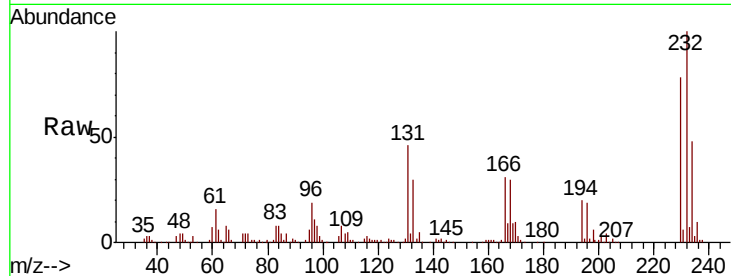
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.317 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	261589		
131	49.2		37.6	56.4
130	2.5		1.9	2.9
166	31.8		24.2	36.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



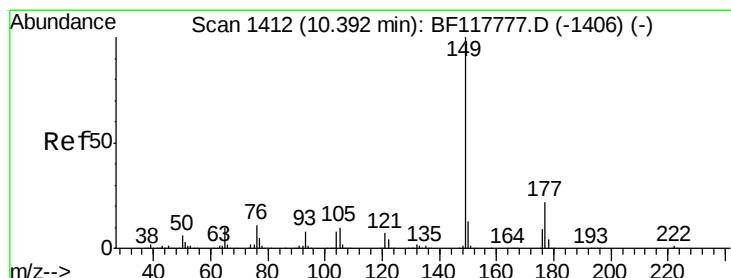
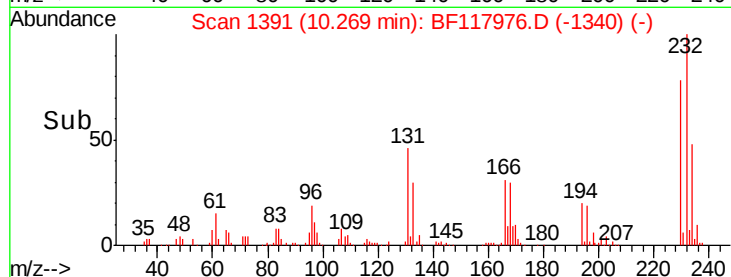
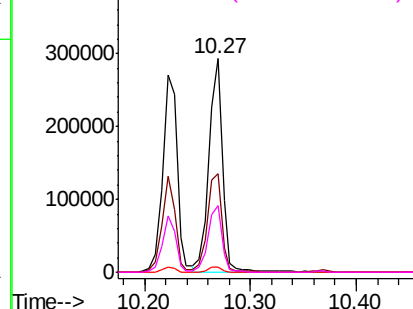
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

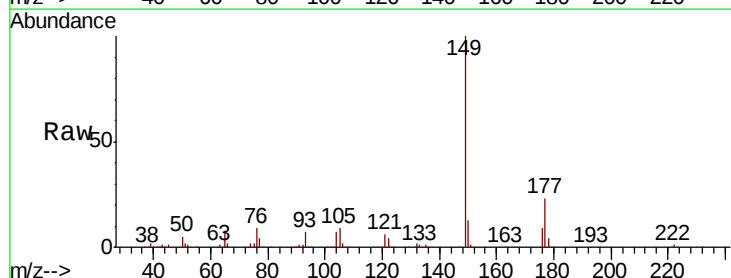
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.711 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1017916		
177	22.6		18.0	27.0
150	12.8		10.5	15.7

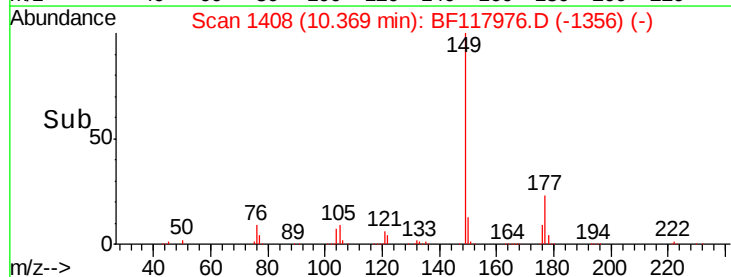
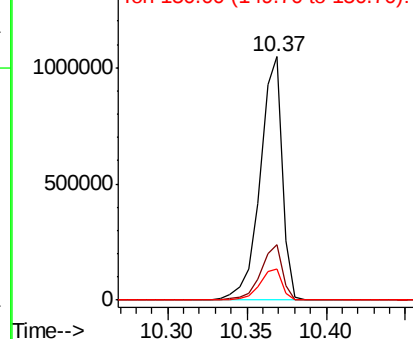


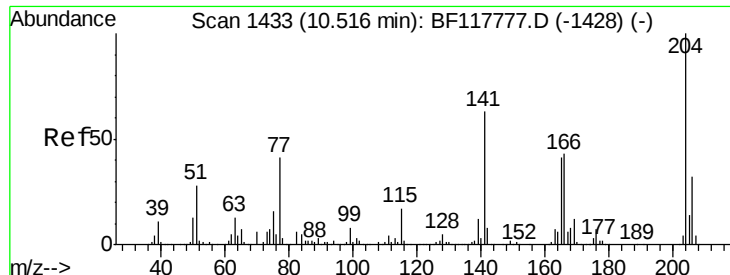
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





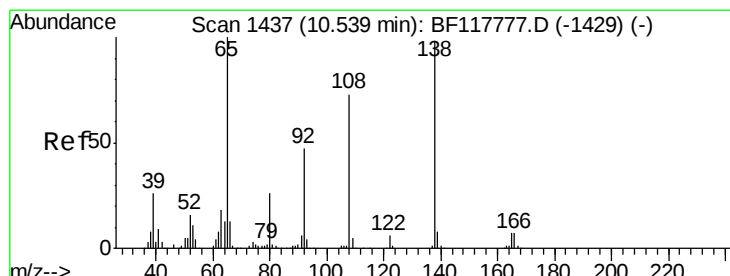
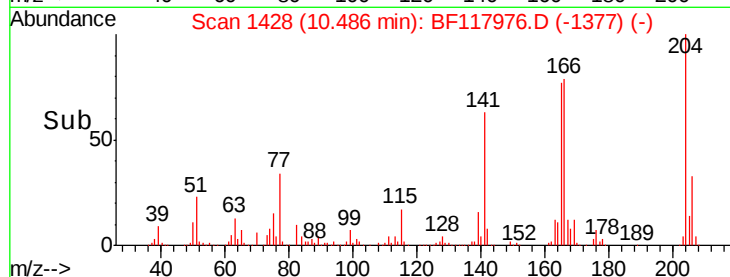
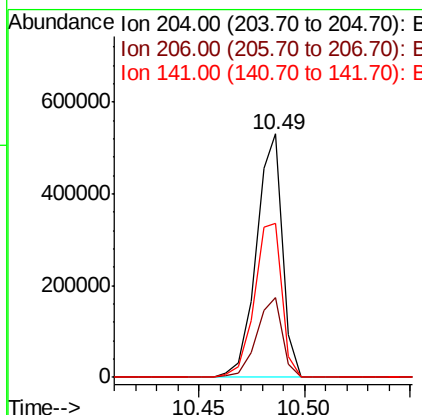
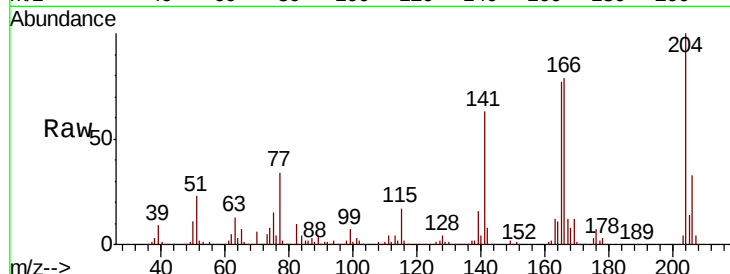
#61
 4-Chlorophenyl-phenylether
 Concen: 39.147 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BS

Tot Ion:	204	Resp:	455633
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.6	38.4
141	63.1	50.7	76.1

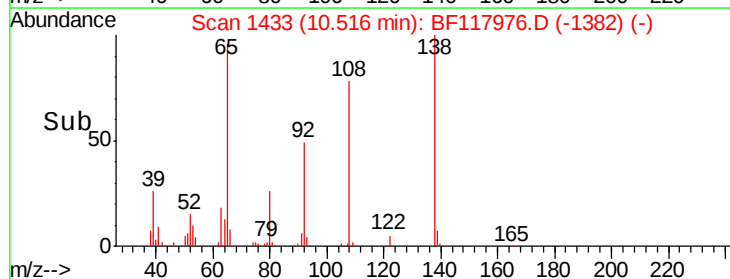
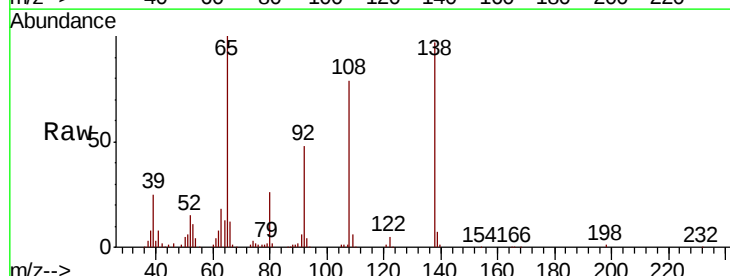
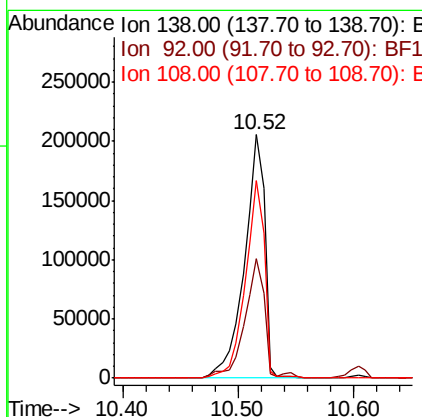
Manual Integrations
 APPROVED

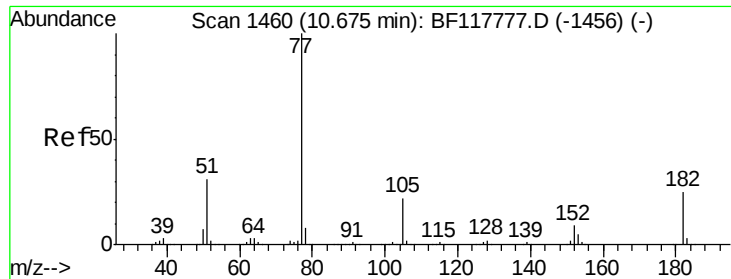
mohammad
 11/26/2019 12:49:06 PM



#62
 4-Nitroaniline
 Concen: 36.157 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion:	138	Resp:	248919
Ion Ratio	Lower	Upper	
138	100		
92	49.1	28.3	68.3
108	81.2	54.3	94.3





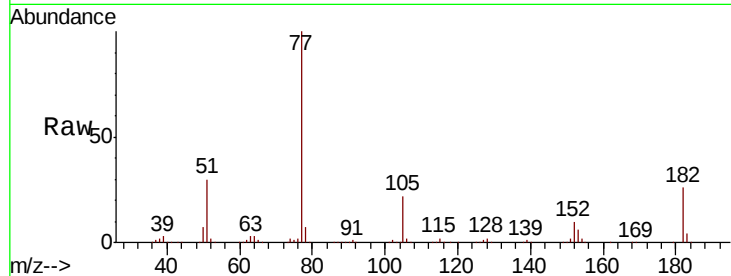
#63
Azobenzene
Concen: 39.500 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

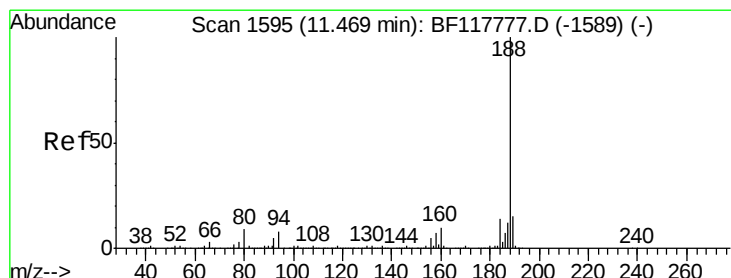
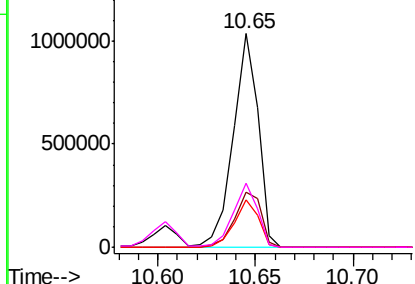
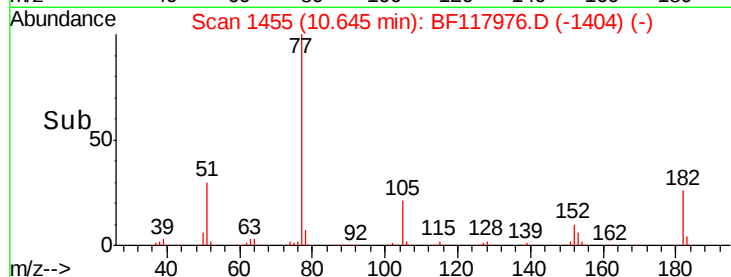
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		921143		
182	26.0	4.8	44.8		
105	21.9	2.1	42.1		
51	29.9	11.4	51.4		

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

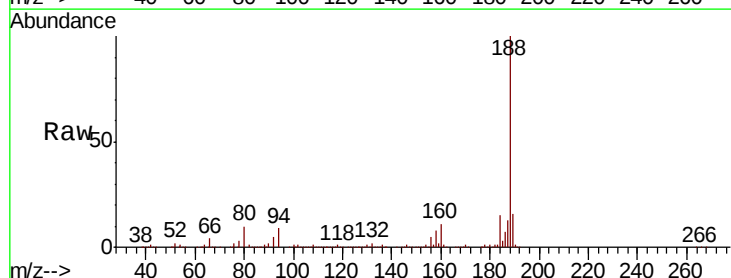


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

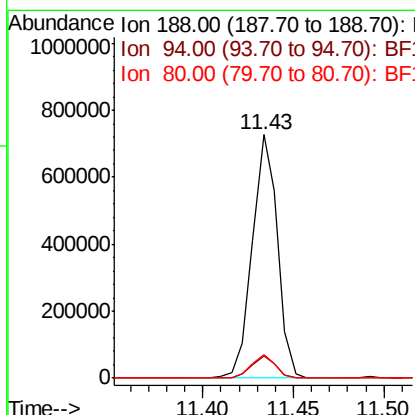
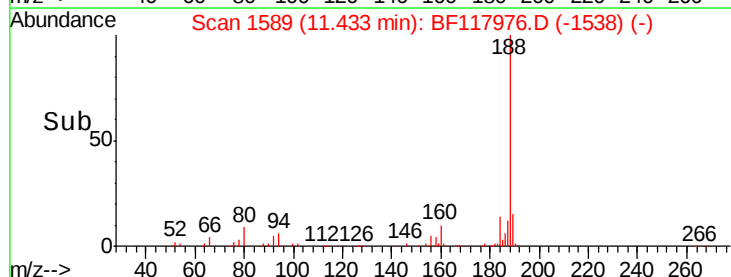


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		698568		
94	9.0	6.6	10.0		
80	9.7	7.2	10.8		



Abundance Ion 188.00 (187.70 to 188.70): E
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: 50.680 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

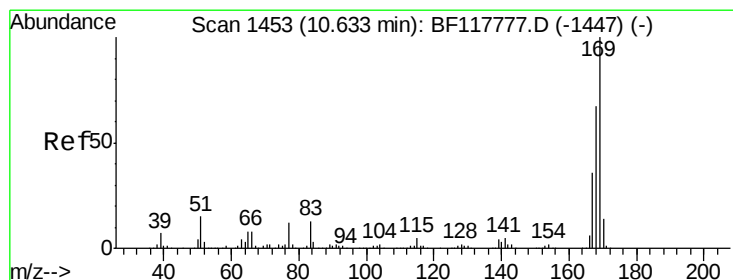
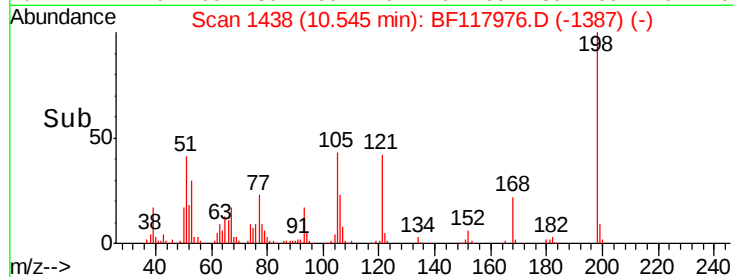
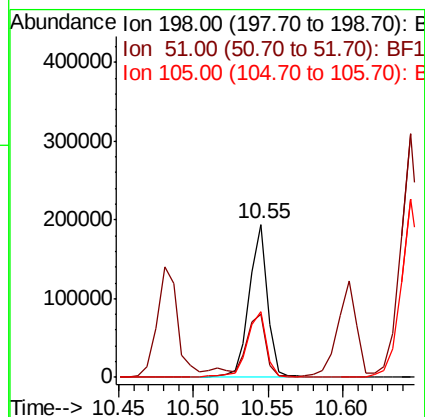
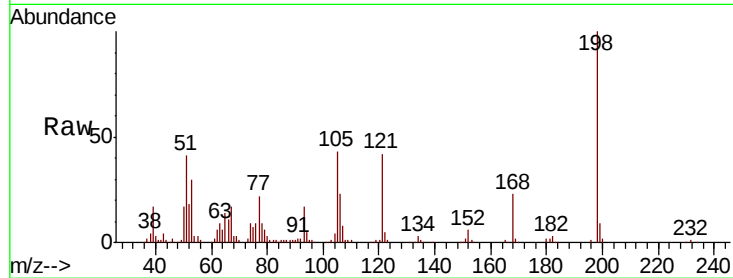
ClientSampleId :

PB125026BS

Tot Ion:	198	Resp:	165277
Ion Ratio	Lower	Upper	
198	100		
51	41.2	16.0	56.0
105	43.1	19.1	59.1

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#66

n-Nitrosodiphenylamine

Concen: 41.010 ng

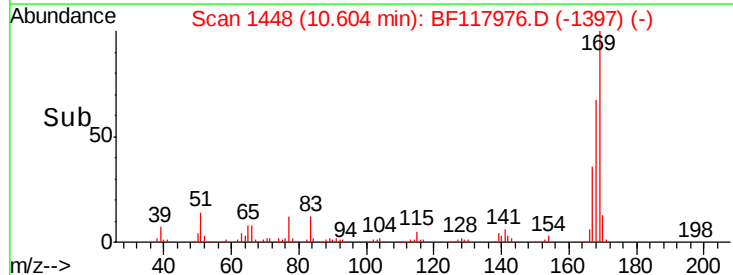
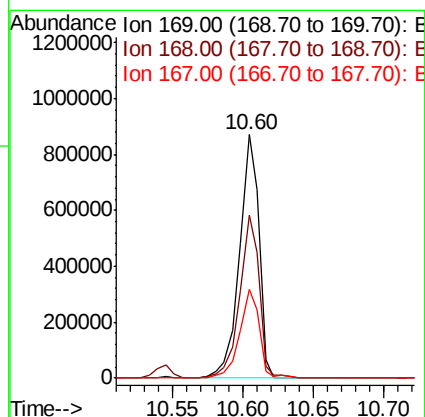
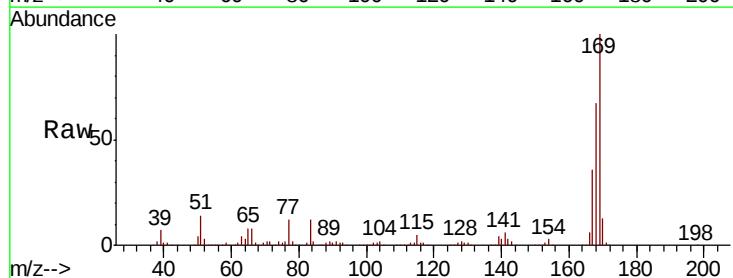
RT: 10.60 min Scan# 1448

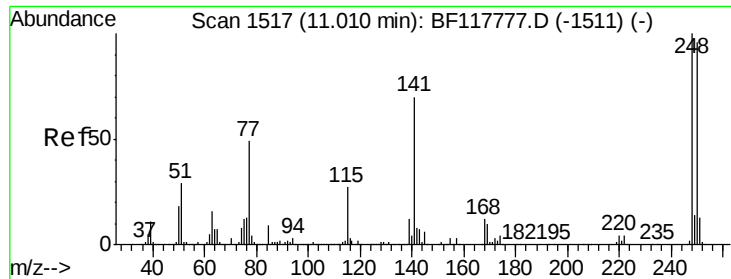
Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:	169	Resp:	833752
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.5	80.3
167	36.4	29.0	43.4





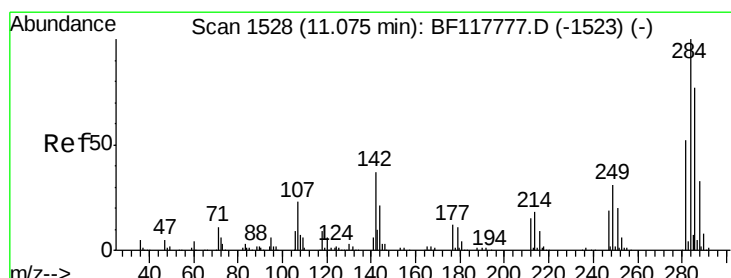
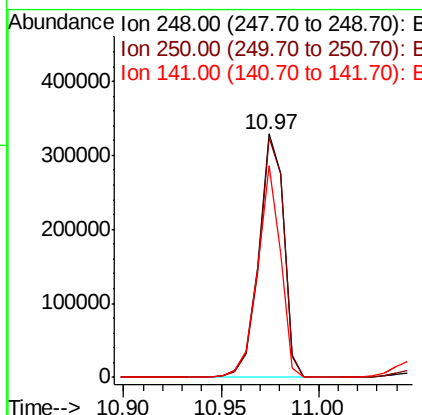
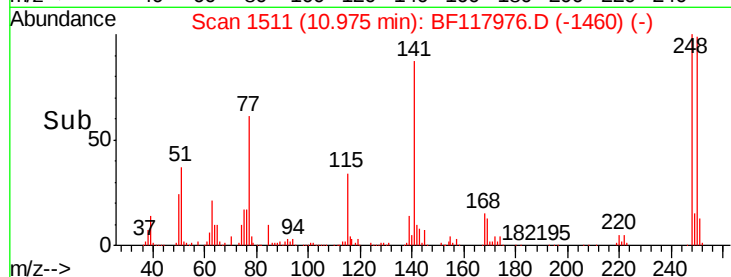
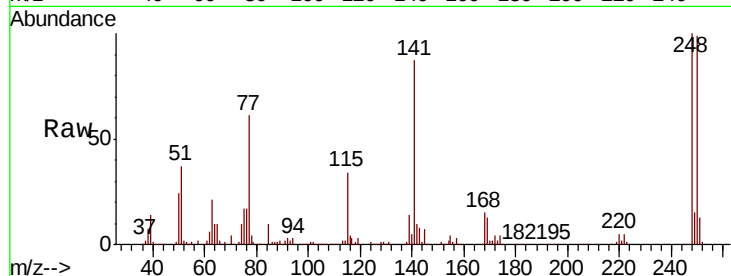
#67
4-Bromophenyl-phenylether
Concen: 38.826 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	292652		
250	98.7	76.6	115.0	
141	86.9	55.9	83.9#	

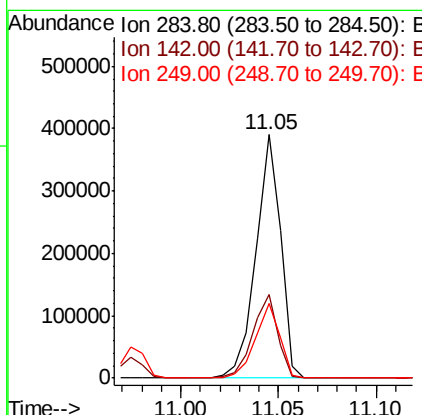
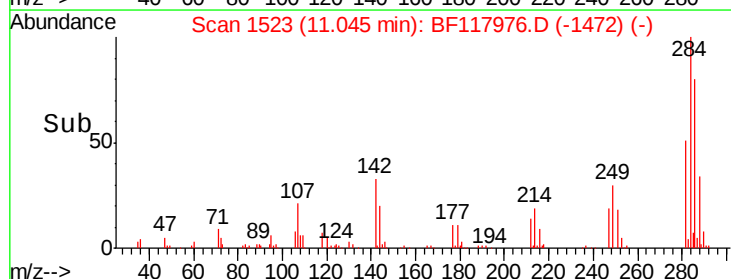
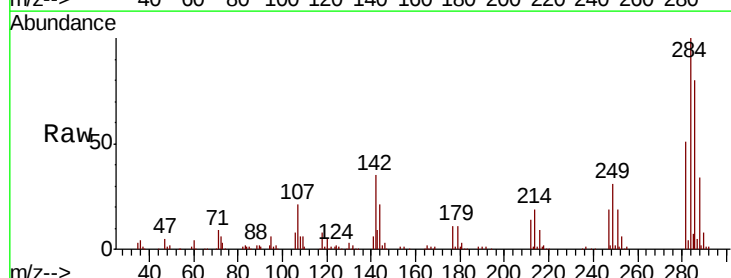
Manual Integrations
APPROVED

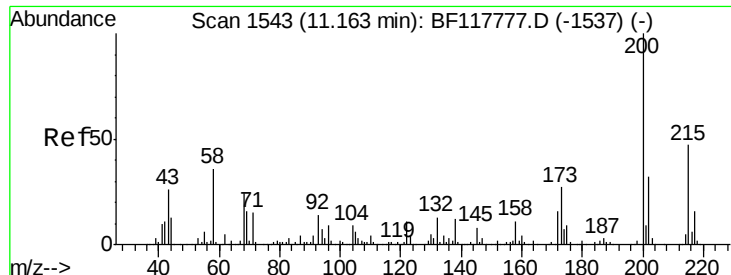
mohammad
11/26/2019 12:49:06 PM



#68
Hexachlorobenzene
Concen: 38.876 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	341685		
142	34.5	29.4	44.2	
249	30.8	24.6	37.0	





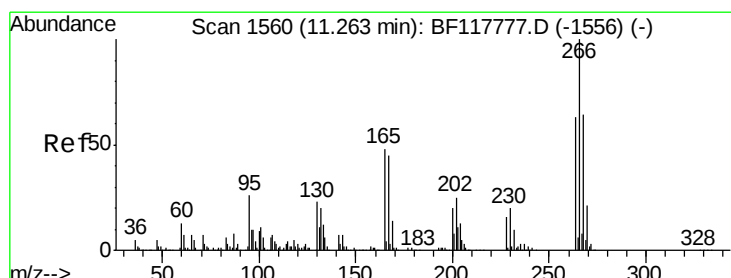
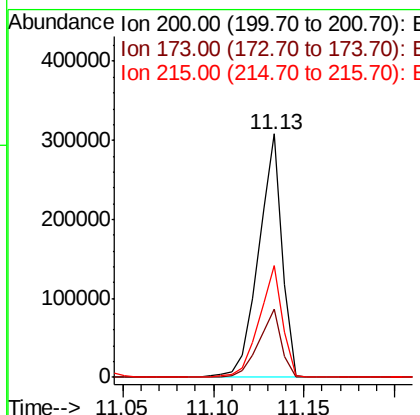
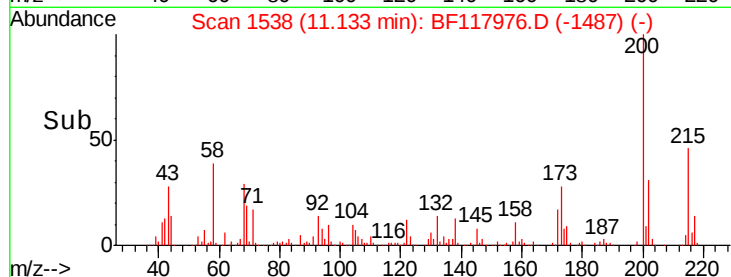
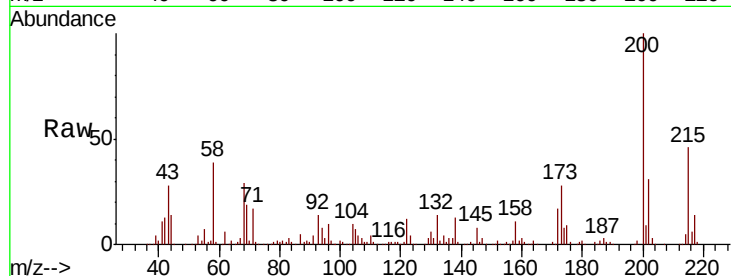
#69
Atrazine
Concen: 41.331 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	276412		
173	28.2	6.7	46.7	
215	45.8	27.5	67.5	

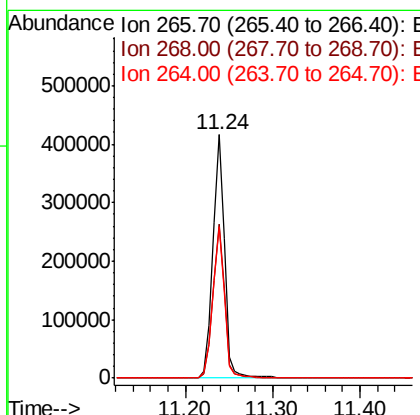
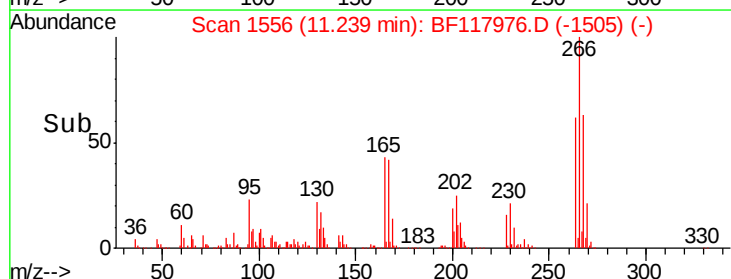
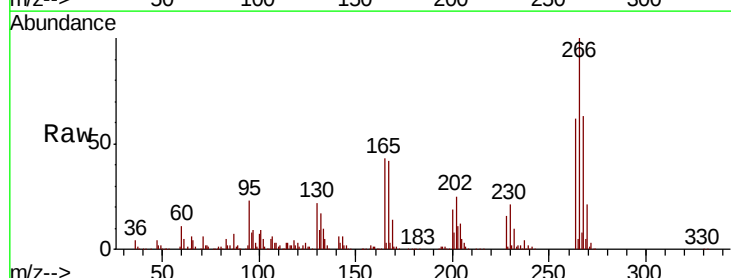
Manual Integrations
APPROVED

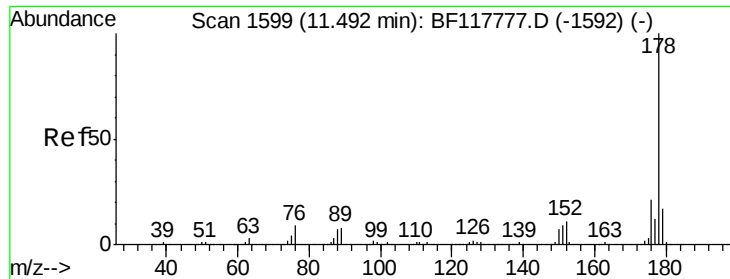
mohammad
11/26/2019 12:49:06 PM



#70
Pentachlorophenol
Concen: 76.588 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	393266		
268	63.1	50.8	76.2	
264	62.4	50.7	76.1	





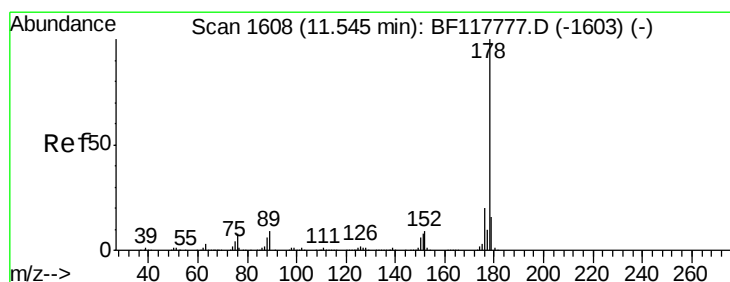
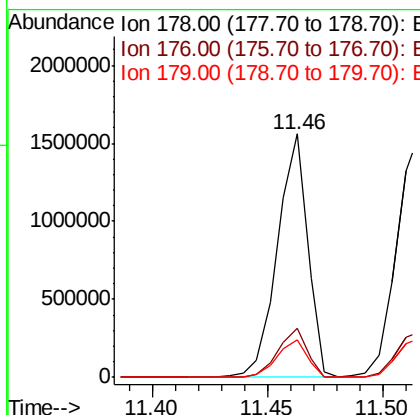
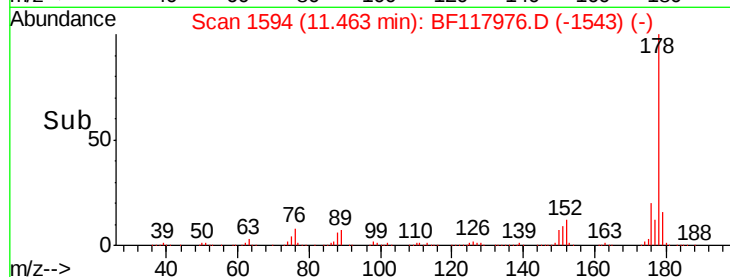
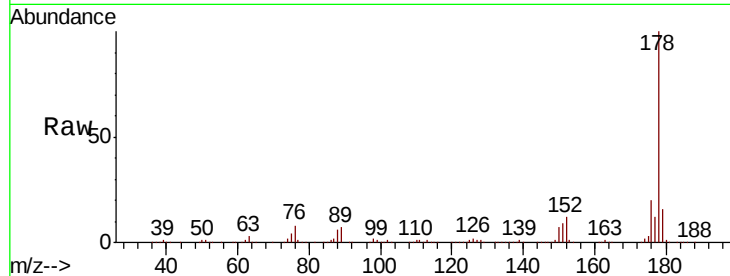
#71
Phenanthrene
Concen: 40.189 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion:178 Resp: 1411523
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.6 13.2 19.8

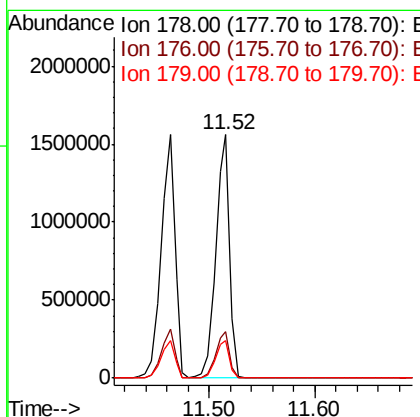
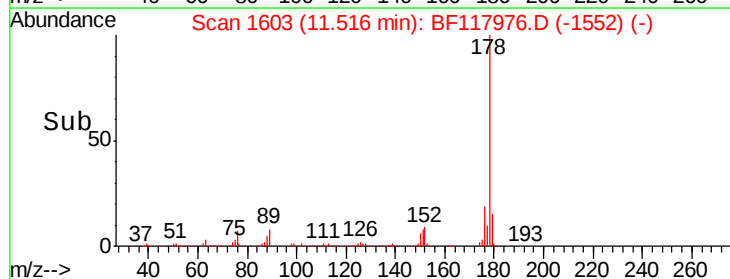
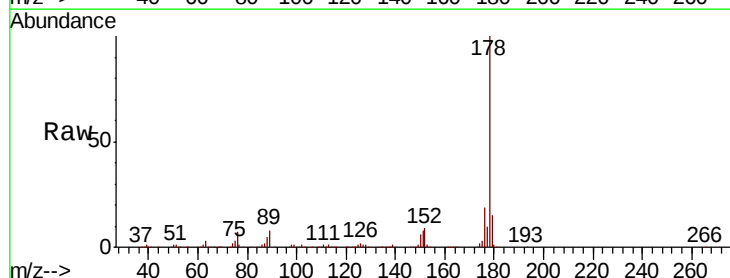
Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#72
Anthracene
Concen: 41.355 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion:178 Resp: 1440067
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.5 13.0 19.4





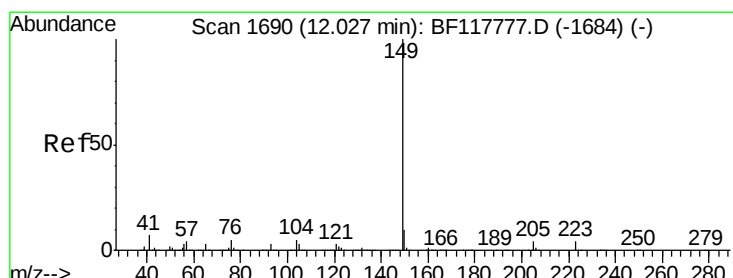
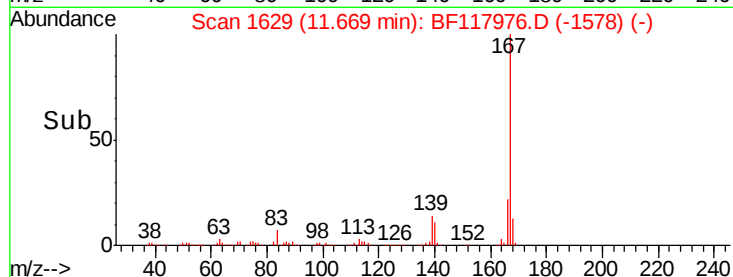
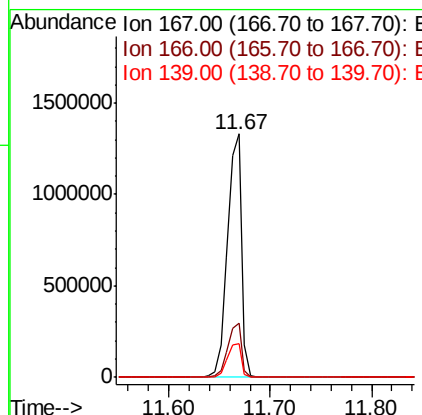
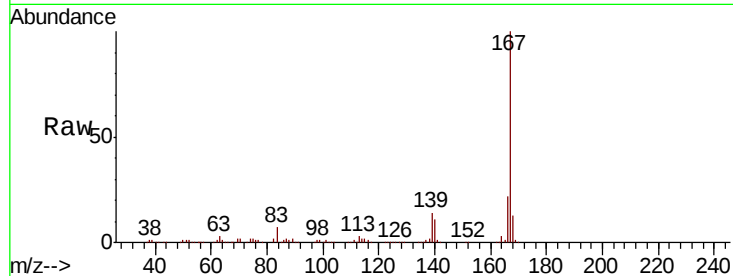
#73
 Carbazole
 Concen: 41.963 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.4	18.0	27.0	
139	13.9	11.7	17.5	

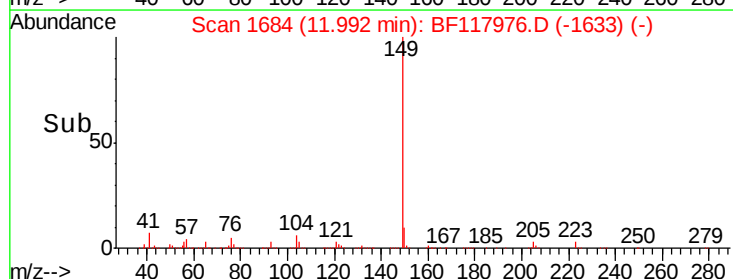
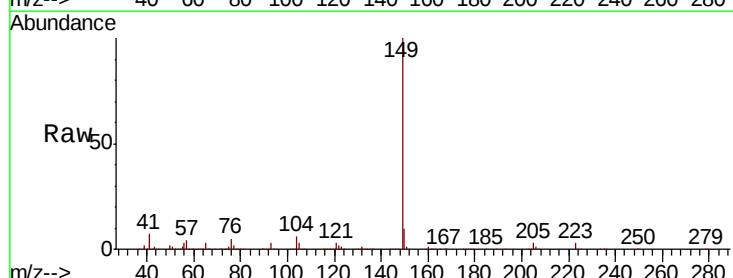
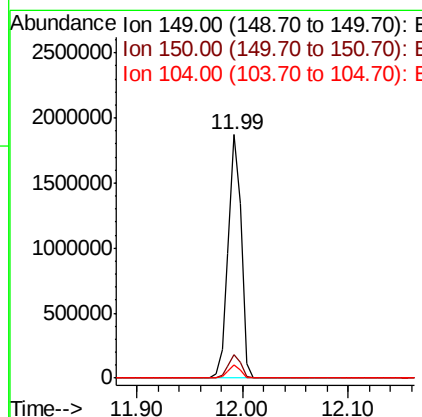
Manual Integrations
 APPROVED

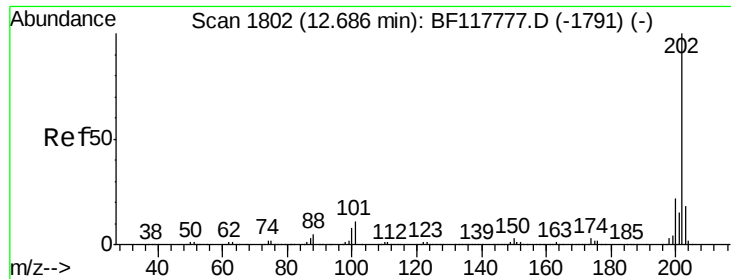
mohammad
 11/26/2019 12:49:06 PM



#74
 Di-n-butylphthalate
 Concen: 42.381 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.8	7.9	11.9	
104	5.6	4.2	6.4	





#75

Fluoranthene

Concen: 46.576 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

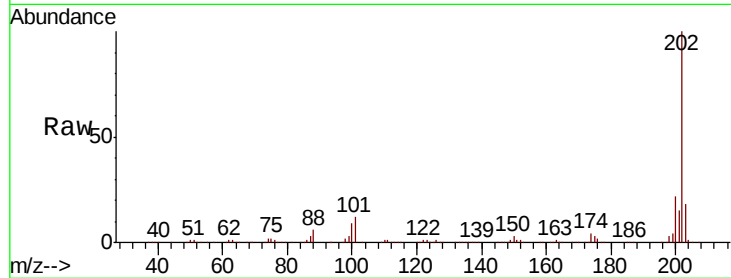
ClientSampleId :

PB125026BS

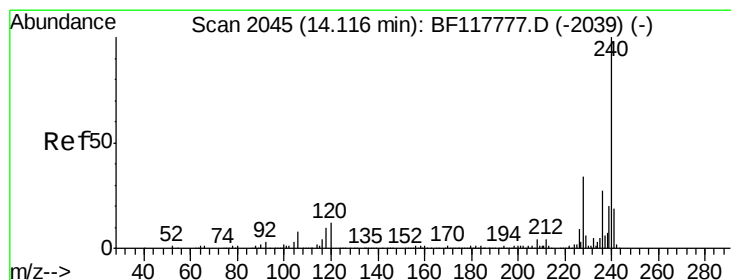
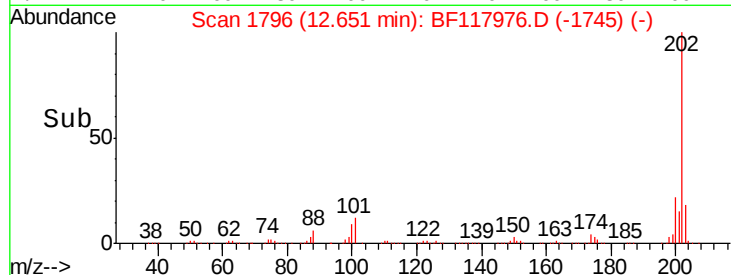
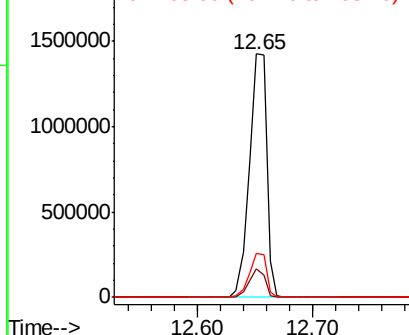
Tot Ion:	202	Resp:	1481195
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.1
203	18.2	0.0	38.2

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

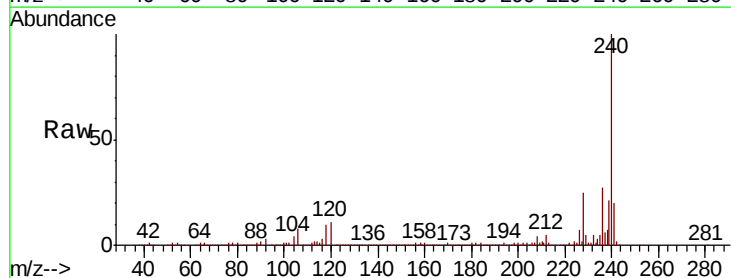
RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

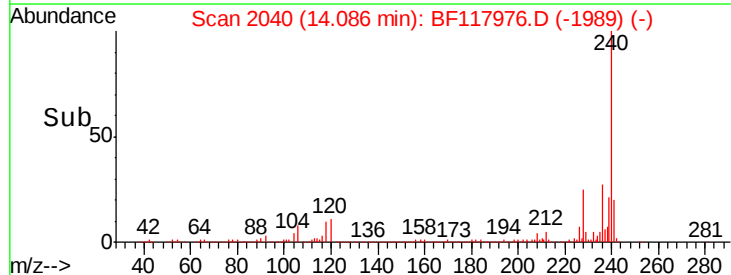
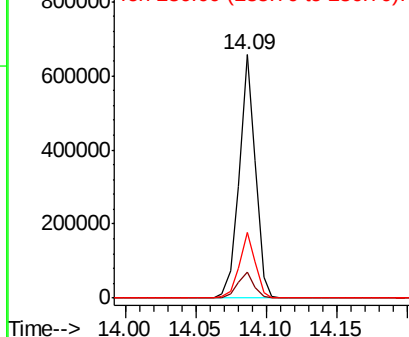
Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:	240	Resp:	524786
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	27.2	21.3	31.9



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





#77

Benzidine

Concen: 15.605 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

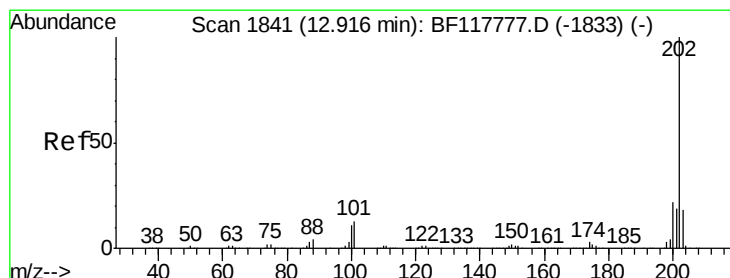
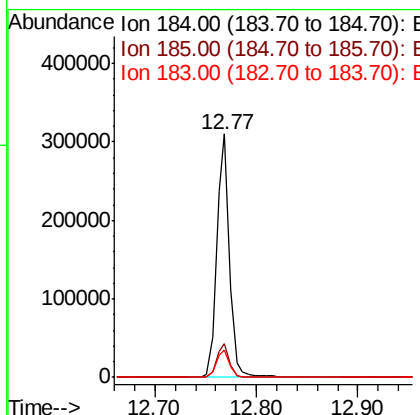
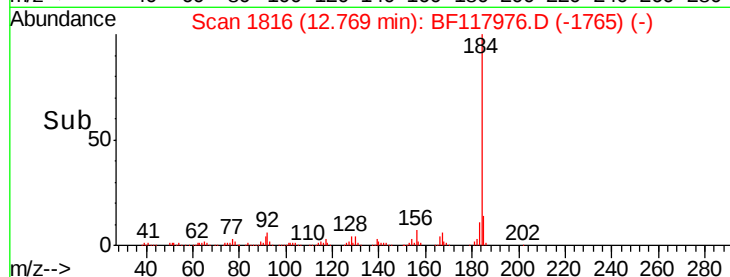
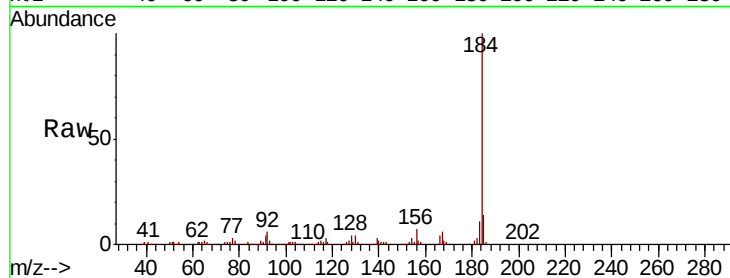
ClientSampleId :

PB125026BS

Tot Ion:	184	Resp:	268244
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.4
183	11.4	9.5	14.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#78

Pyrene

Concen: 34.787 ng

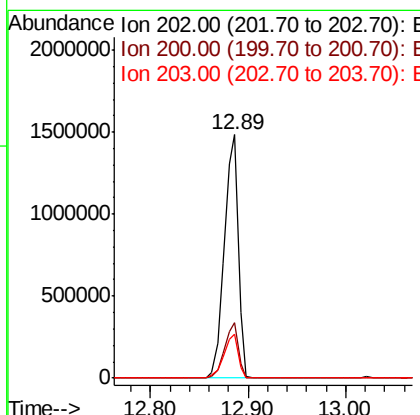
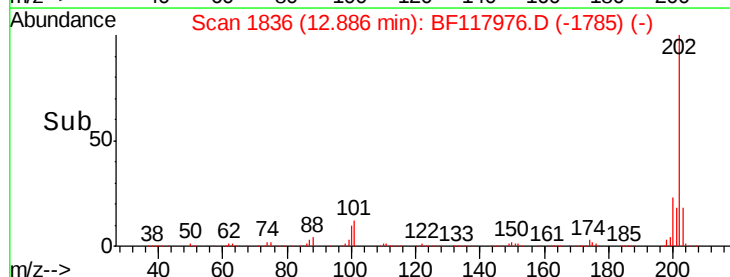
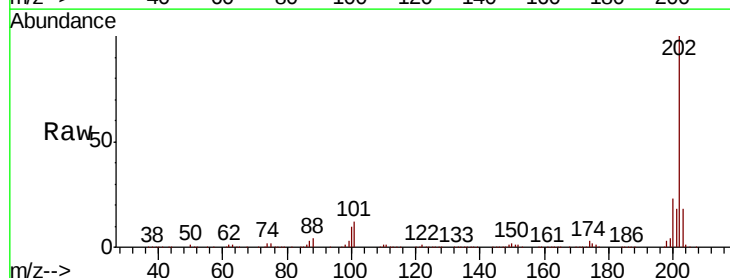
RT: 12.89 min Scan# 1836

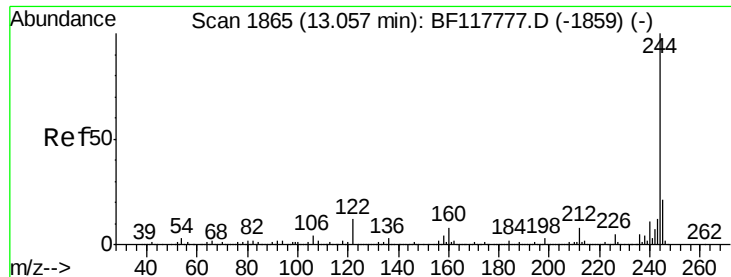
Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Tgt Ion:	202	Resp:	1475340
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.2	14.6	22.0





#79

Terphenyl-d14

Concen: 59.748 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

ClientSampleId :

PB125026BS

Tot Ion:244 Resp: 1715617

Ion Ratio Lower Upper

244 100

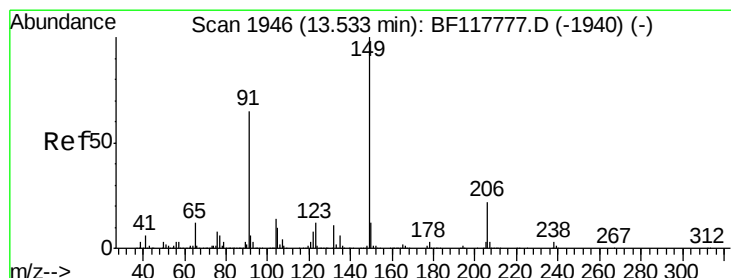
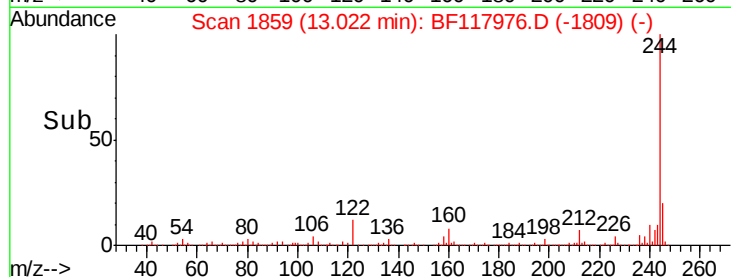
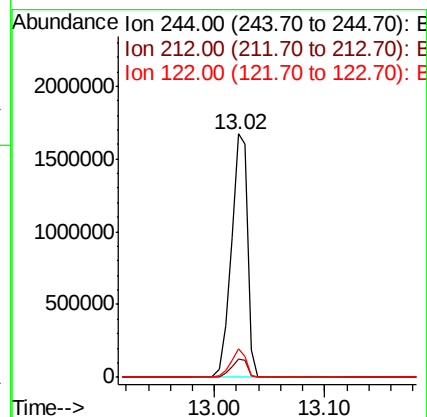
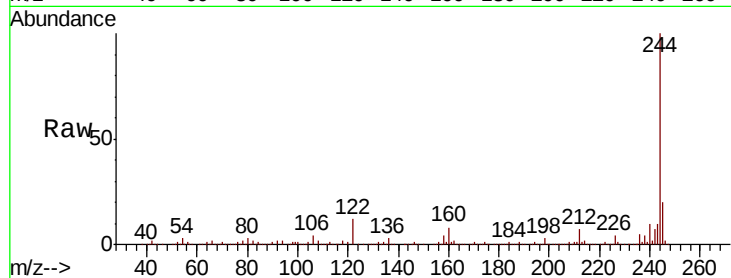
212 7.3 6.3 9.5

122 11.9 9.4 14.2

Manual Integrations
APPROVED

mohammad

11/26/2019 12:49:06 PM



#80

Butylbenzylphthalate

Concen: 37.662 ng

RT: 13.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

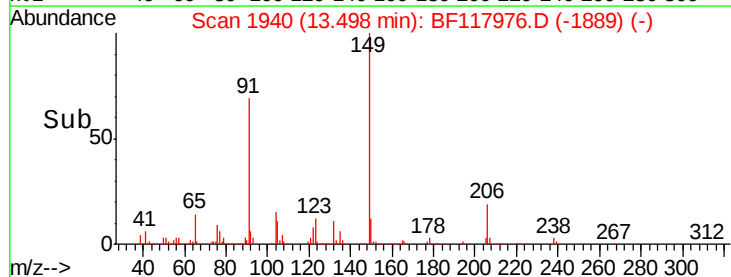
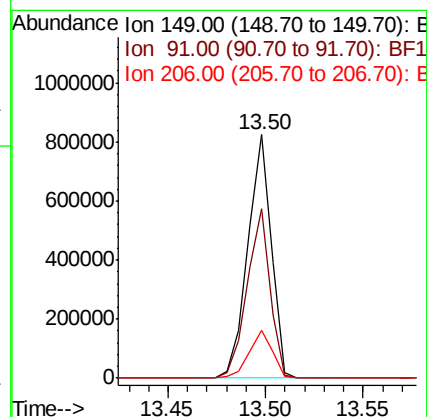
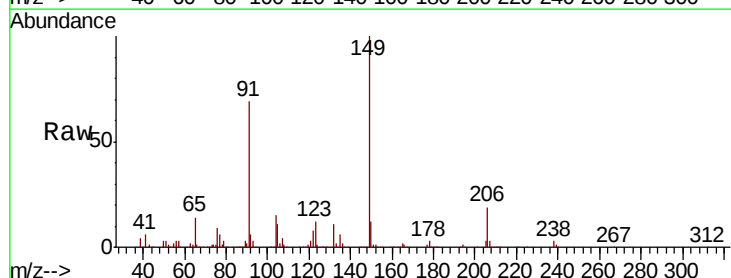
Tgt Ion:149 Resp: 686032

Ion Ratio Lower Upper

149 100

91 69.4 51.9 77.9

206 19.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 37.453 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

Instrument :

BNA_F

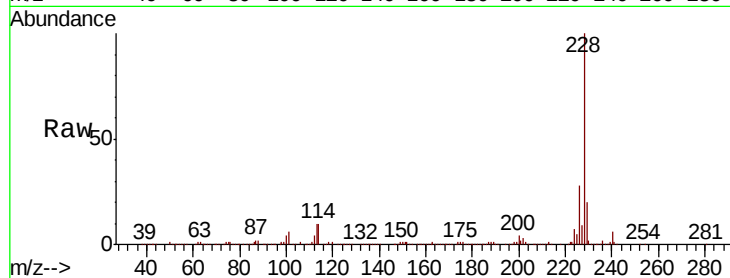
ClientSampleId :

PB125026BS

Tot Ion:	228	Resp:	1298817
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.2
229	19.9	15.9	23.9

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

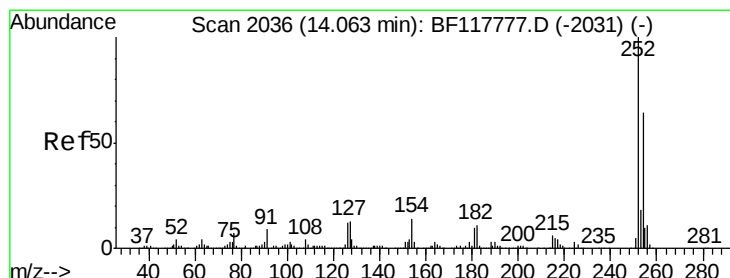
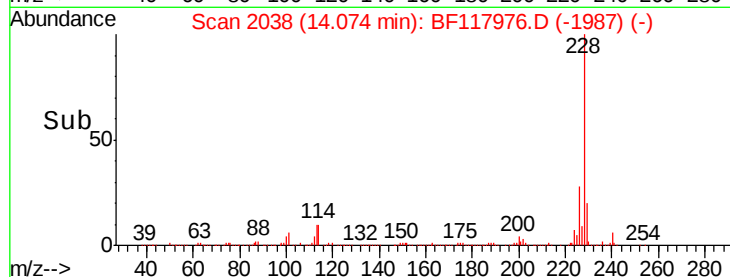
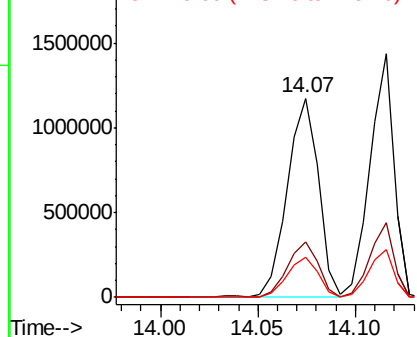


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.679 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF117976.D

Acq: 25 Nov 2019 20:01

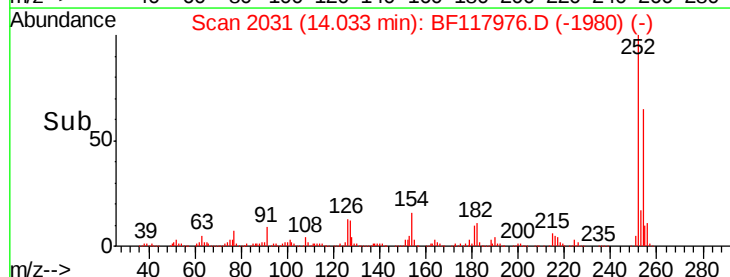
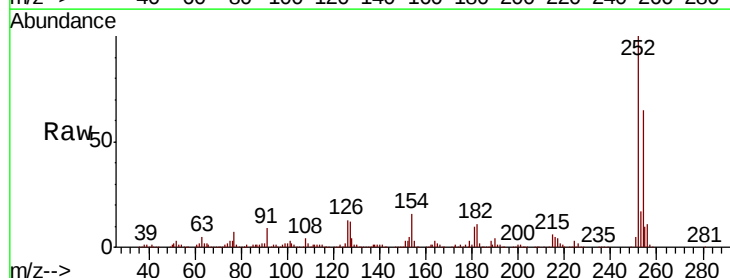
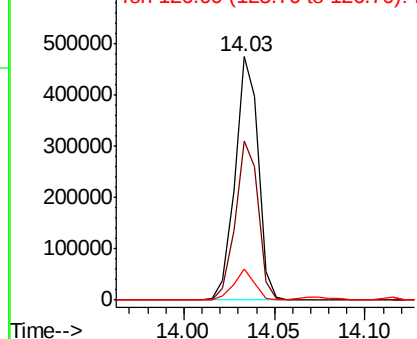
Tgt Ion:	252	Resp:	420664
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.0	76.6
126	12.5	9.7	14.5

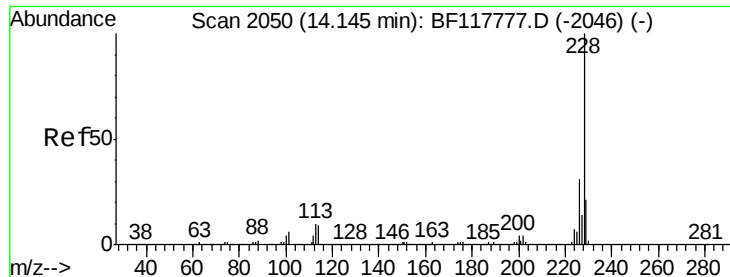
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





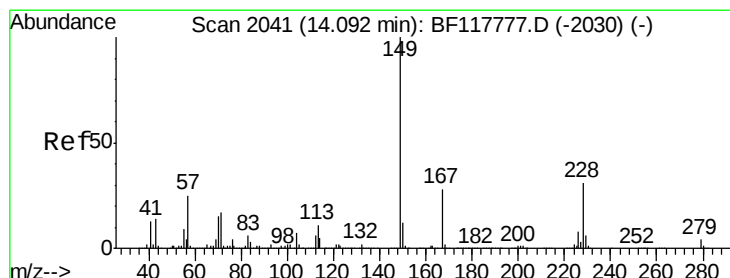
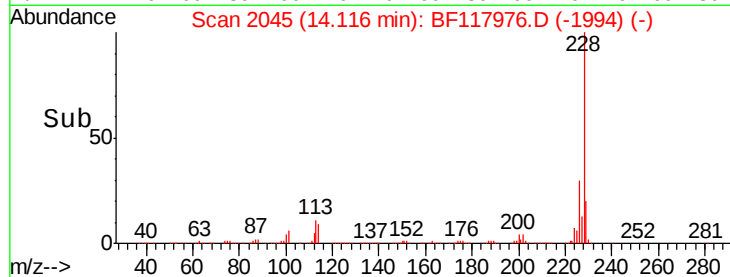
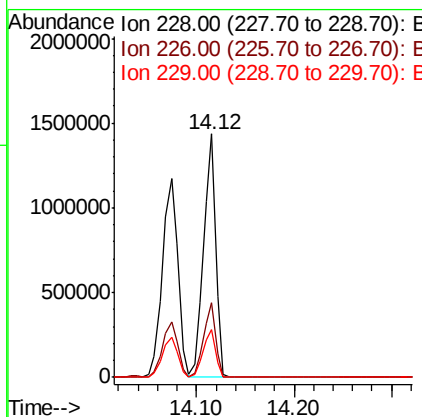
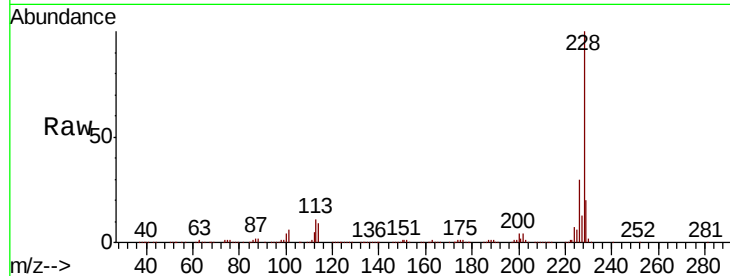
#83
 Chrvsene
 Concen: 36.881 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	19.7	16.6	25.0

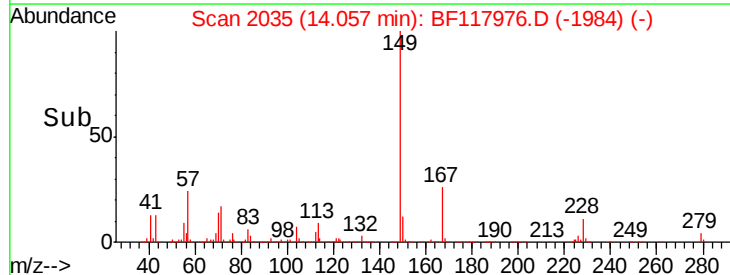
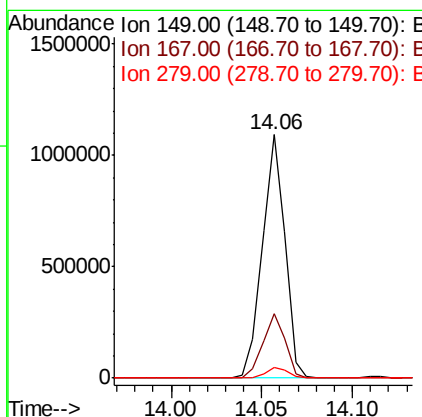
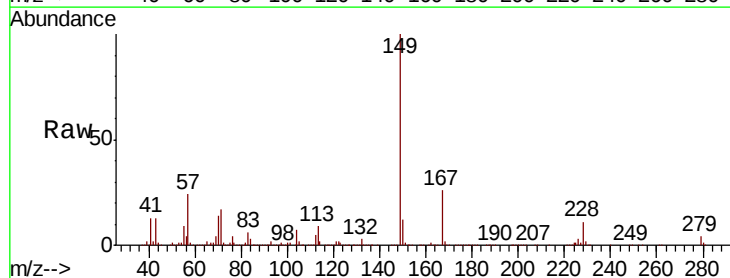
Manual Integrations
 APPROVED

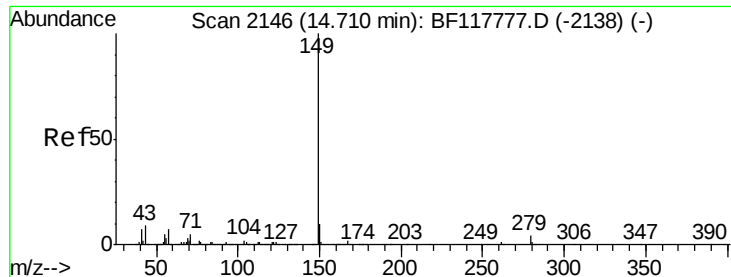
mohammad
 11/26/2019 12:49:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.067 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF117976.D
 Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	4.2	3.4	5.2





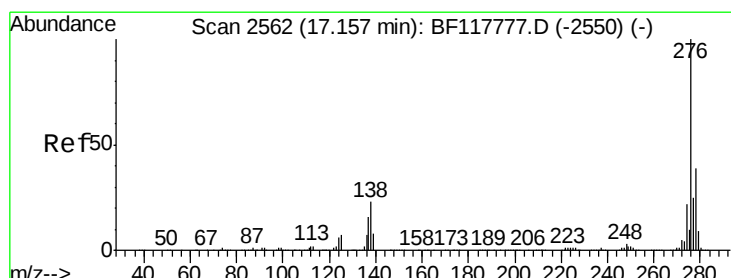
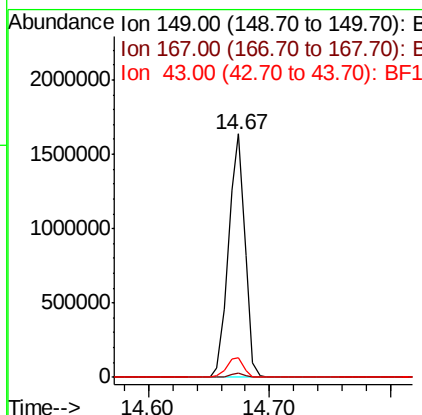
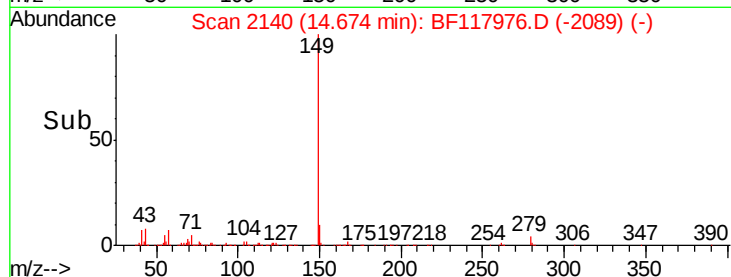
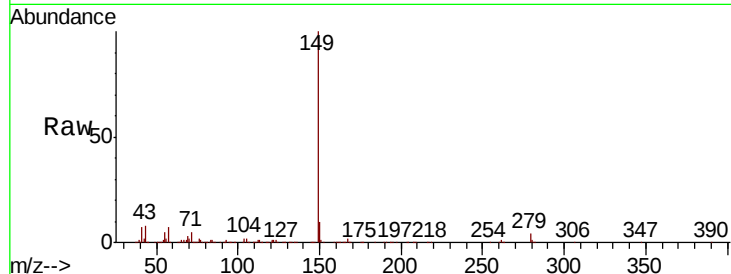
#85
Di-n-octyl phthalate
Concen: 47.413 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	7.4	11.2

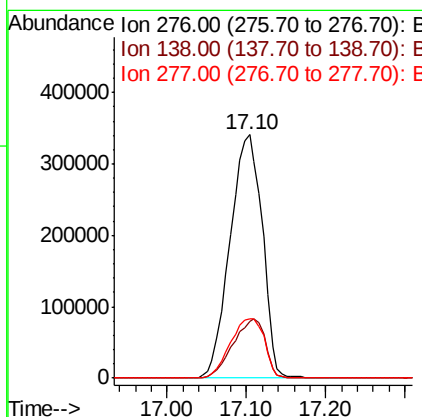
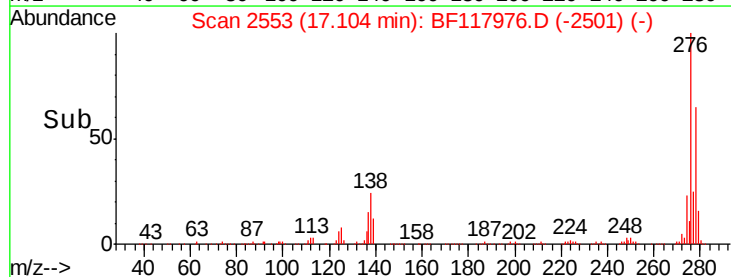
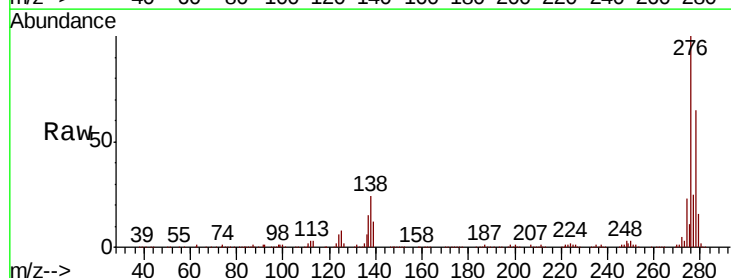
Manual Integrations
APPROVED

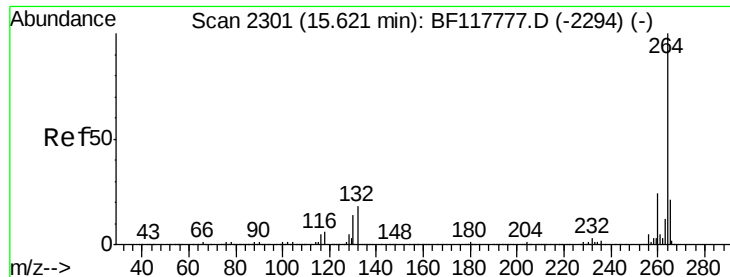
mohammad
11/26/2019 12:49:06 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.647 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.9	31.3
277	25.9	20.3	30.5





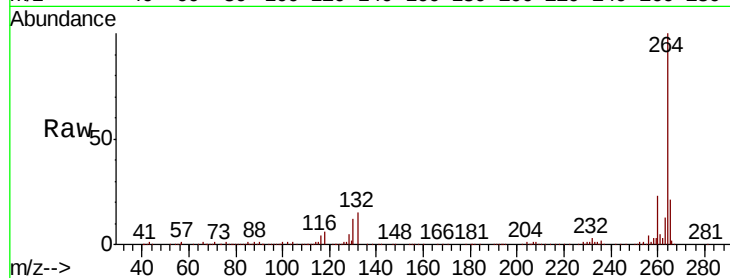
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	20.5	17.1	25.7

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM

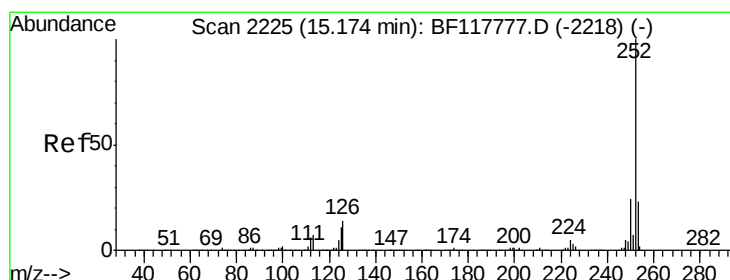
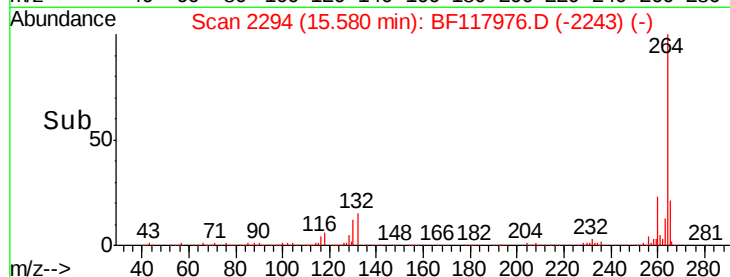
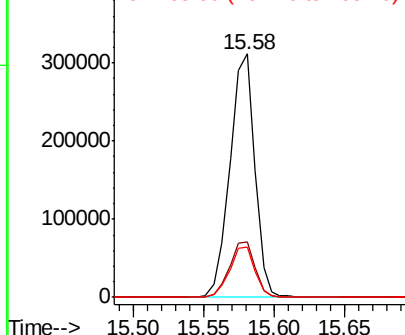


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 50.557 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

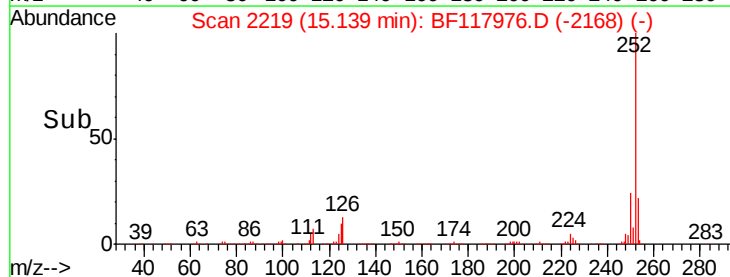
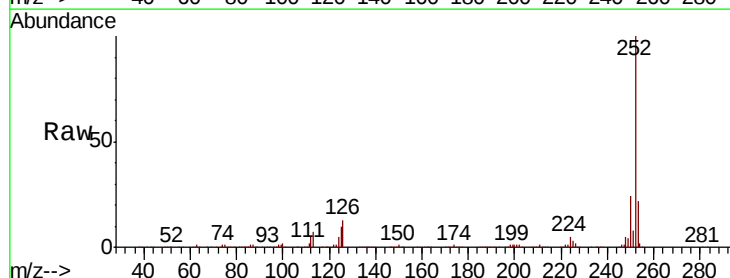
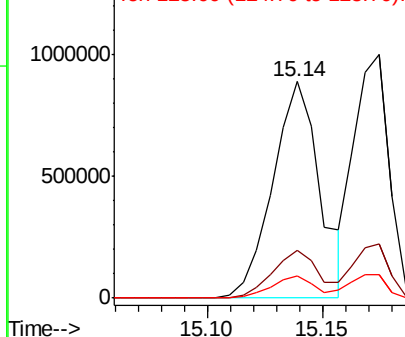
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.0	8.6	13.0

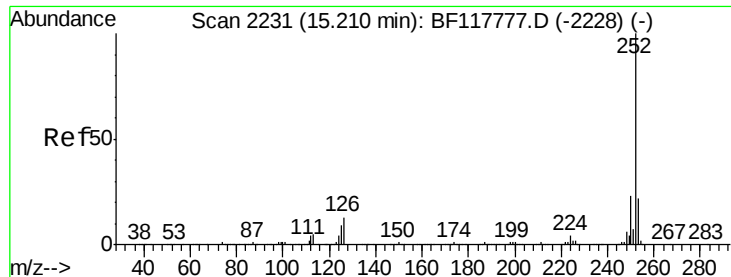
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





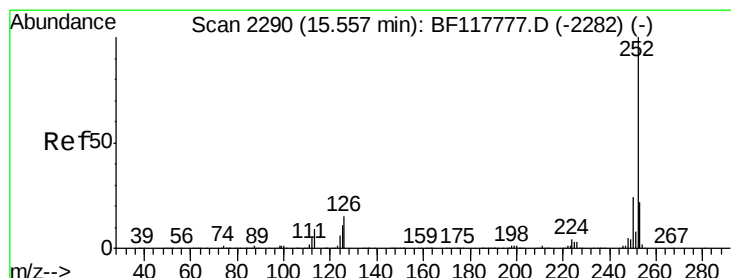
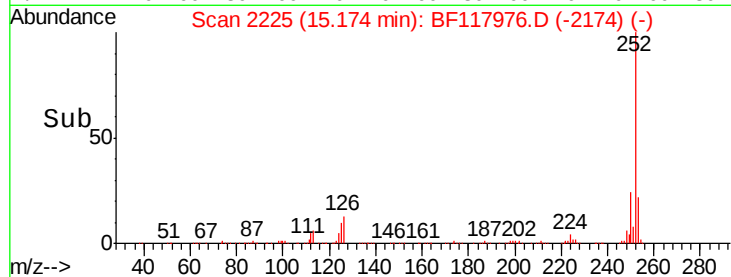
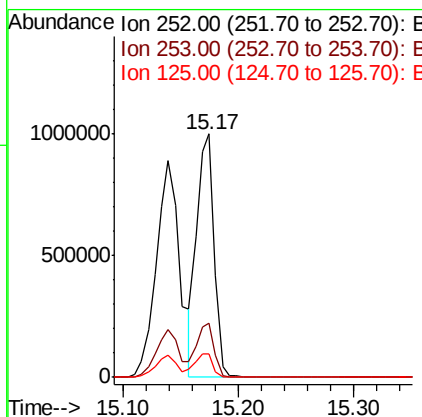
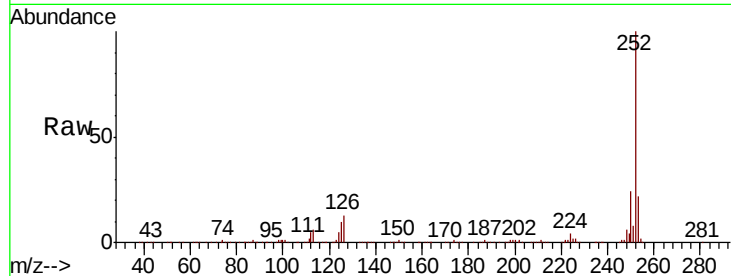
#89
Benzo(k)fluoranthene
Concen: 45.203 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.6	7.9	11.9

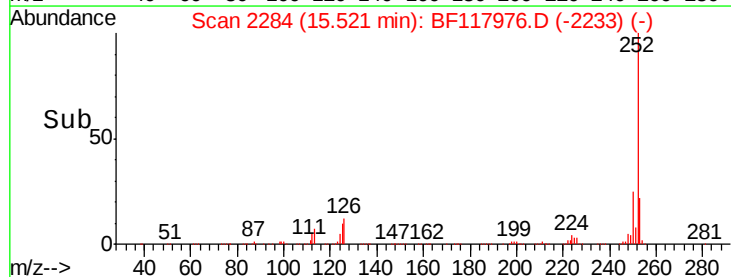
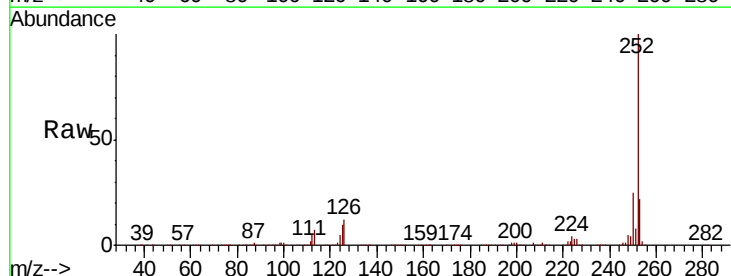
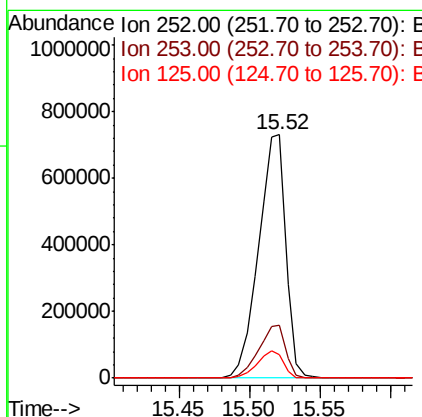
Manual Integrations
APPROVED

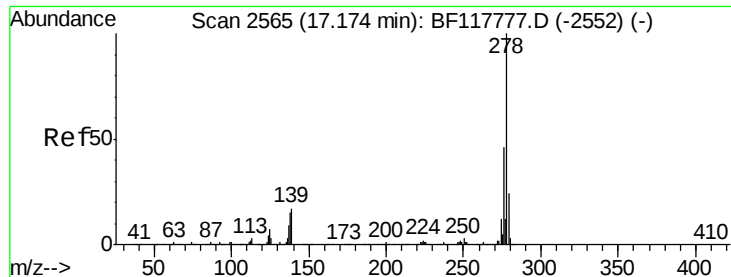
mohammad
11/26/2019 12:49:06 PM



#90
Benzo(a)pyrene
Concen: 45.565 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	9.8	9.2	13.8





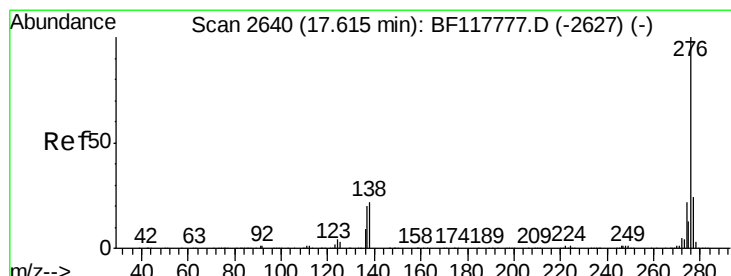
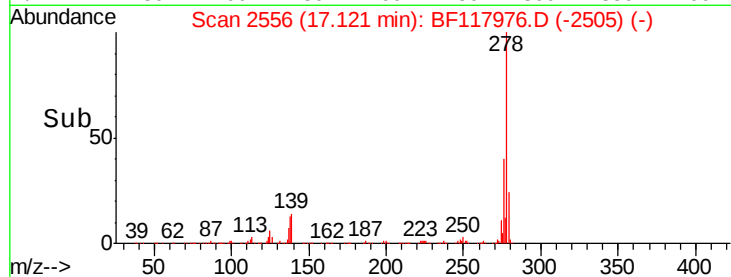
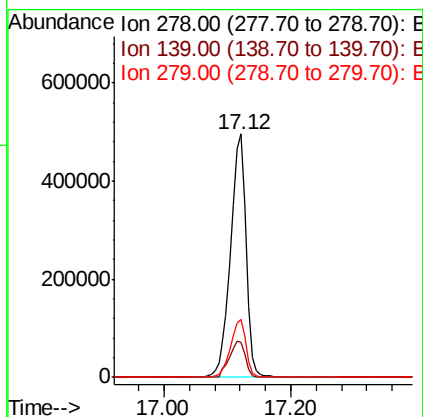
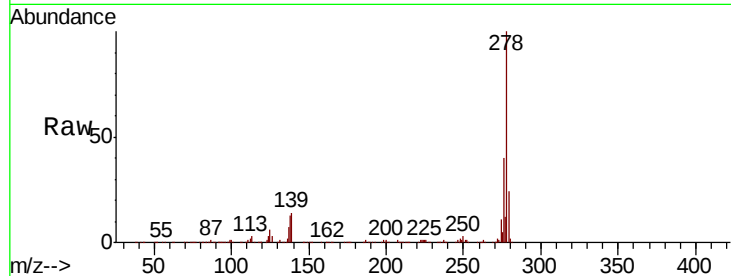
#91
Dibenzo(a,h)anthracene
Concen: 44.357 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Instrument :
BNA_F
ClientSampleId :
PB125026BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.8	20.8
279	24.0	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:49:06 PM



#92
Benzo(g,h,i)perylene
Concen: 41.815 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.01 min
Lab File: BF117976.D
Acq: 25 Nov 2019 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	20.6	17.4	26.2

