

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117340.D
 Acq On : 8 Oct 2019 15:05
 Operator : JU
 Sample : PB123732BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM

Quant Time: Oct 09 02:54:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49382	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	207741	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	109799	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	179938	20.00	ng	0.00
76) Chrysene-d12	13.97	240	136805	20.00	ng	0.00
87) Perylene-d12	15.43	264	113880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	345799	109.33	ng	0.01
7) Phenol-d6	6.45	99	461648	112.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	244316	61.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	101627	110.74	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	459566	65.44	ng	0.00
79) Terphenyl-d14	12.91	244	473785	64.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	49022	37.039	ng	95
3) Pyridine	3.38	79	108910	30.063	ng	93
4) n-Nitrosodimethylamine	3.32	42	46319	37.258	ng	99
6) Aniline	6.47	93	164221	31.203	ng	# 60
8) 2-Chlorophenol	6.59	128	143924	42.179	ng	98
9) Benzaldehyde	6.35	77	98474	50.750	ng	97
10) Phenol	6.46	94	180642	40.086	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	132568	40.027	ng	98
12) 1,3-Dichlorobenzene	6.75	146	149880	39.144	ng	97
13) 1,4-Dichlorobenzene	6.82	146	154535	39.548	ng	99
14) 1,2-Dichlorobenzene	6.97	146	143567	39.462	ng	98
15) Benzyl Alcohol	6.95	79	125026	39.885	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	133601	40.829	ng	# 49
17) 2-Methylphenol	7.07	107	118868	41.566	ng	# 89
18) Hexachloroethane	7.31	117	57935	38.540	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	108041	43.405	ng	94
20) 3+4-Methylphenols	7.22	107	152263	42.745	ng	# 70
22) Acetophenone	7.22	105	211795	40.127	ng	# 97
24) Nitrobenzene	7.39	77	158329	40.550	ng	97
25) Isophorone	7.63	82	289402	41.340	ng	99
26) 2-Nitrophenol	7.70	139	71405	42.576	ng	100
27) 2,4-Dimethylphenol	7.75	122	124358	46.759	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	173545	40.237	ng	99
29) 2,4-Dichlorophenol	7.95	162	117562	42.186	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	120110	39.894	ng	97
31) Naphthalene	8.10	128	415131	41.550	ng	99
32) Benzoic acid	7.89	122	51359	28.655	ng	96
33) 4-Chloroaniline	8.16	127	108249	24.428	ng	98
34) Hexachlorobutadiene	8.22	225	65066	38.092	ng	96
35) Caprolactam	8.53	113	37781m	40.054	ng	
36) 4-Chloro-3-methylphenol	8.65	107	133529	41.093	ng	96
37) 2-Methylnaphthalene	8.80	142	288265	42.846	ng	98
38) 1-Methylnaphthalene	8.90	142	270713	42.962	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	111782	39.425	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117340.D
 Acq On : 8 Oct 2019 15:05
 Operator : JU
 Sample : PB123732BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM

Quant Time: Oct 09 02:54:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	71540	59.330	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	72552	37.707	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	77624	37.759	nq	97
46) 1,1'-Biphenyl	9.26	154	337901	39.233	nq	98
47) 2-Chloronaphthalene	9.29	162	262307	38.590	nq	98
48) 2-Nitroaniline	9.39	65	81379	37.326	nq	91
49) Acenaphthylene	9.70	152	411703	40.432	nq	99
50) Dimethylphthalate	9.56	163	303612	39.053	nq	99
51) 2,6-Dinitrotoluene	9.63	165	66382	41.924	nq	87
52) Acenaphthene	9.87	154	241252	39.968	nq	99
53) 3-Nitroaniline	9.80	138	49527	24.792	nq	98
54) 2,4-Dinitrophenol	9.92	184	52993	77.795	nq	94
55) Dibenzofuran	10.05	168	362368	40.689	nq	100
56) 4-Nitrophenol	9.99	139	64371	49.716	nq	97
57) 2,4-Dinitrotoluene	10.04	165	86194	41.937	nq	# 80
58) Fluorene	10.39	166	300537	41.893	nq	96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	59253	37.665	nq	96
60) Diethylphthalate	10.26	149	306166	40.029	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	127820	41.180	nq	96
62) 4-Nitroaniline	10.42	138	70192	33.786	nq	96
63) Azobenzene	10.54	77	324452	41.534	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	36260	44.769	nq	86
66) n-Nitrosodiphenylamine	10.50	169	258614	41.616	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	72994	39.722	nq	92
68) Hexachlorobenzene	10.95	284	76389	38.007	nq	96
69) Atrazine	11.03	200	80423	55.330	nq	96
70) Pentachlorophenol	11.15	266	52008	55.203	nq	99
71) Phenanthrene	11.35	178	413545	40.463	nq	99
72) Anthracene	11.40	178	433007	41.499	nq	98
73) Carbazole	11.56	167	397141	40.098	nq	98
74) Di-n-butylphthalate	11.88	149	507013	43.026	nq	99
75) Fluoranthene	12.54	202	425351	40.504	nq	100
77) Benzidine	12.66	184	238997	54.233	nq	99
78) Pyrene	12.77	202	431353	37.578	nq	98
80) Butylbenzylphthalate	13.37	149	209717	38.665	nq	96
81) Benzo(a)anthracene	13.96	228	353061	38.628	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	83325	28.290	nq	94
83) Chrysene	14.00	228	343290	38.509	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	297854	42.590	nq	97
85) Di-n-octyl phthalate	14.54	149	485333	44.092	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	228609	35.150	nq	98
88) Benzo(b)fluoranthene	15.01	252	283056	41.034	nq	99
89) Benzo(k)fluoranthene	15.04	252	289338	44.279	nq	98
90) Benzo(a)pyrene	15.37	252	250794	41.431	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	197043	40.862	nq	98
92) Benzo(g,h,i)perylene	17.32	276	182224	37.922	nq	98

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

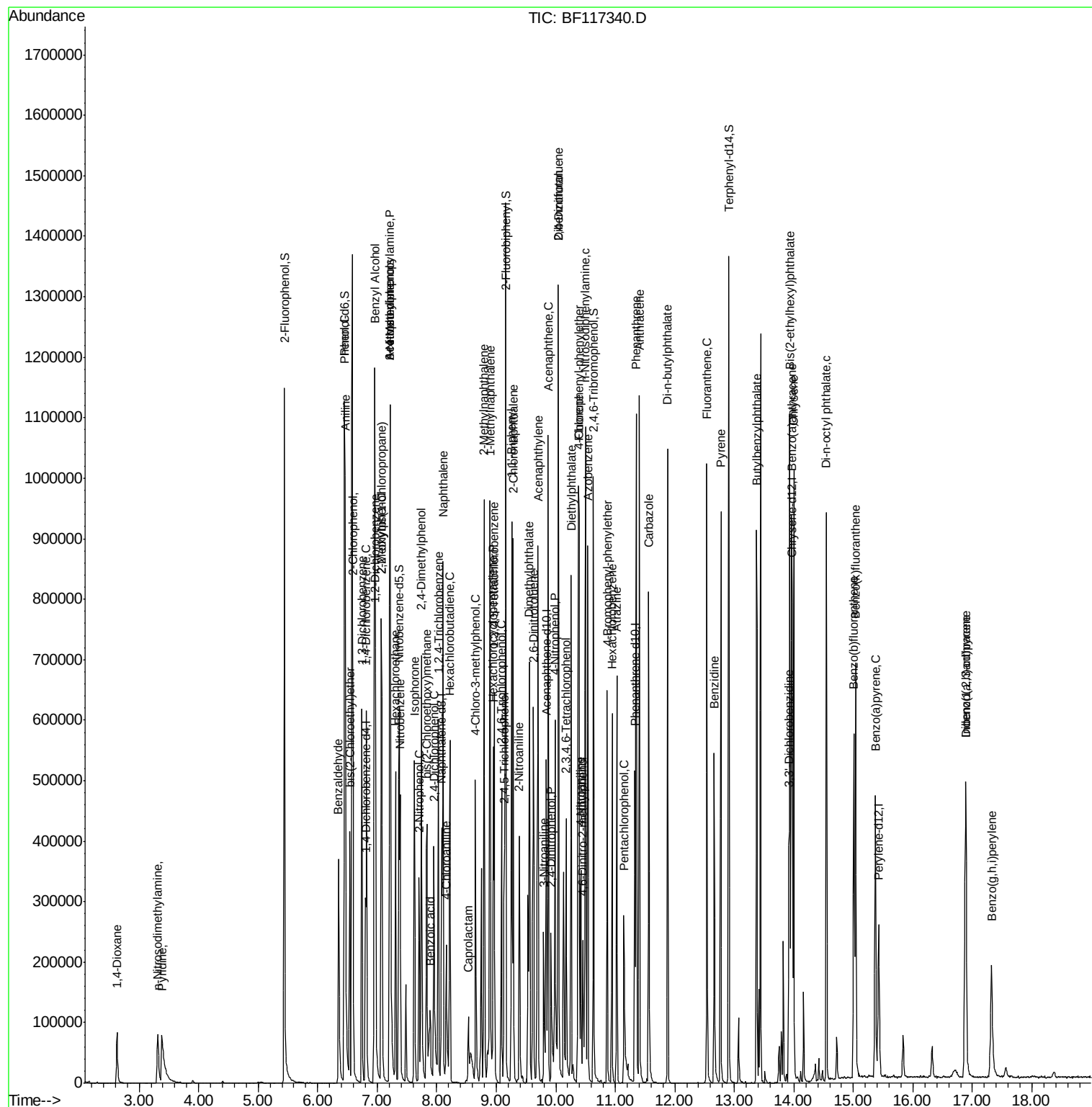
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117340.D
Acq On : 8 Oct 2019 15:05
Operator : JU
Sample : PB123732BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

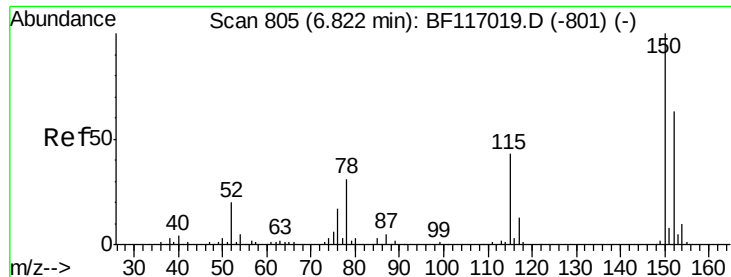
Instrument :
BNA_F
ClientSampleId :
PB123732BS

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

Quant Time: Oct 09 02:54:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration





#1

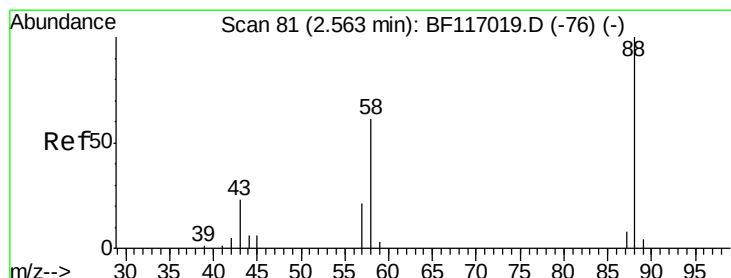
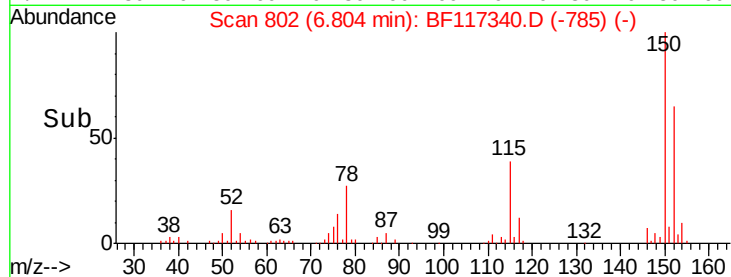
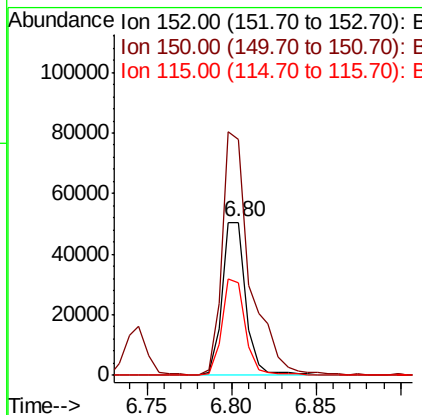
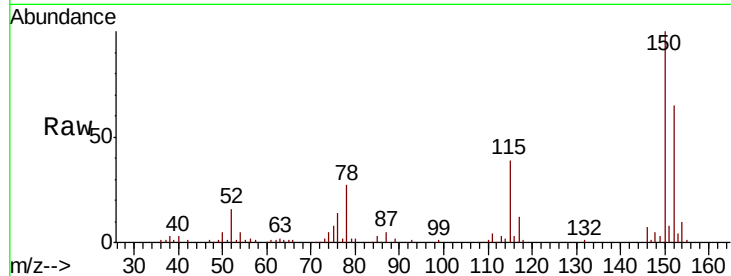
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleID :
PB123732BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.5	191.3
115	60.2	55.0	82.4

Manual Integrations
APPROVED

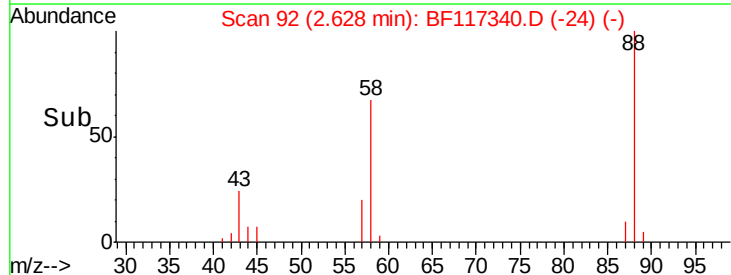
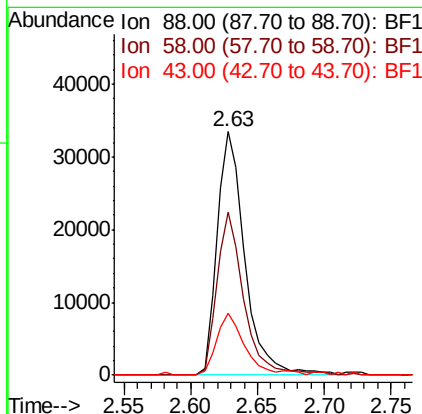
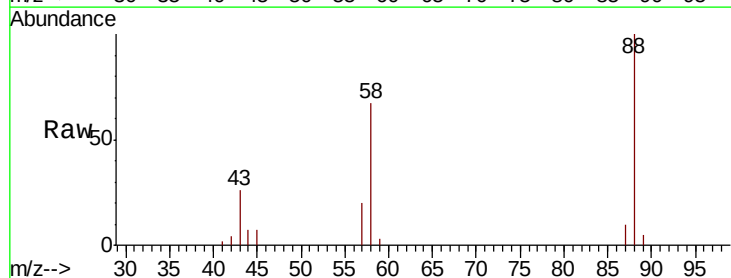
mohammad
10/11/2019 8:29:17 AM

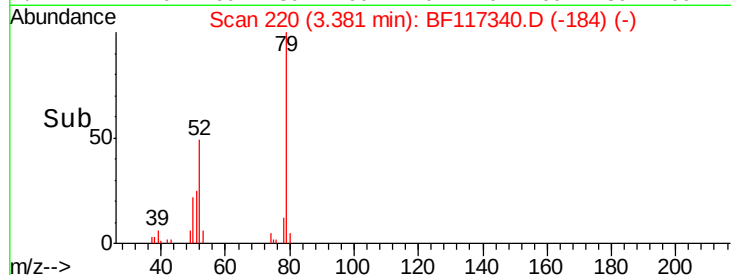
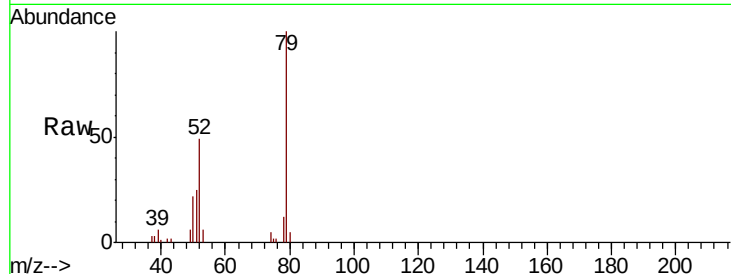
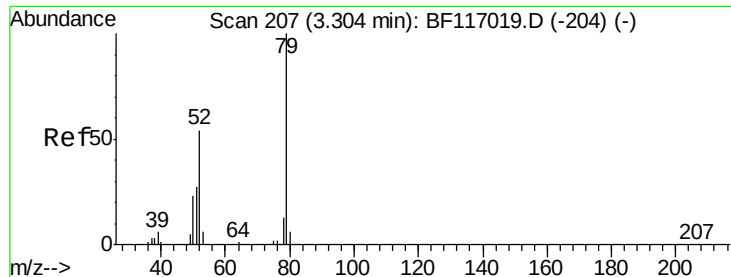


#2

1,4-Dioxane
Concen: 37.039 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.10 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	49.3	73.9
43	26.2	18.8	28.2





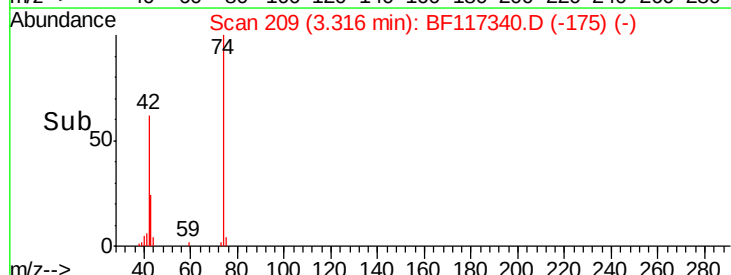
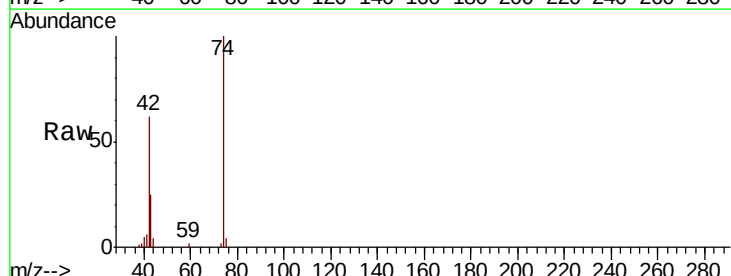
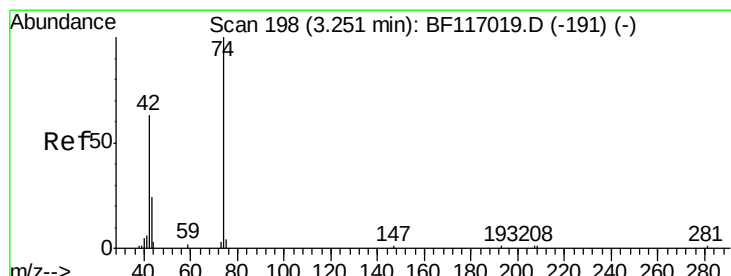
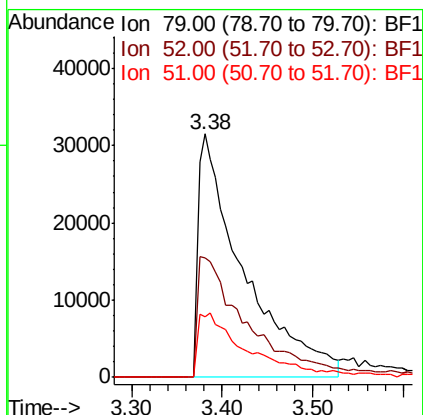
#3
Pvridine
Concen: 30.063 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.11 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		108910		
52	48.8	43.5	65.3		
51	25.0	21.8	32.6		

Instrument :
BNA_F
ClientSampleId :
PB123732BS

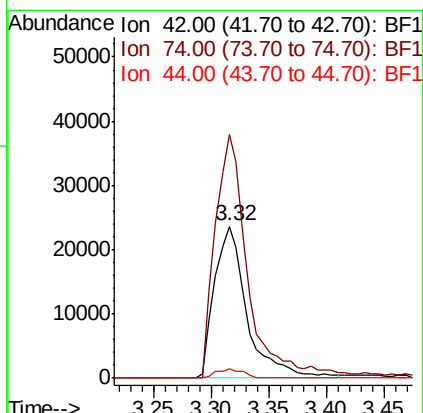
Manual Integrations
APPROVED

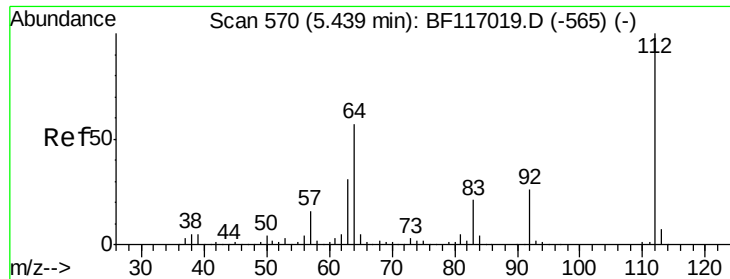
mohammad
10/11/2019 8:29:17 AM



#4
n-Nitrosodimethylamine
Concen: 37.258 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.10 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		46319		
74	160.4	127.1	190.7		
44	6.2	4.3	6.5		





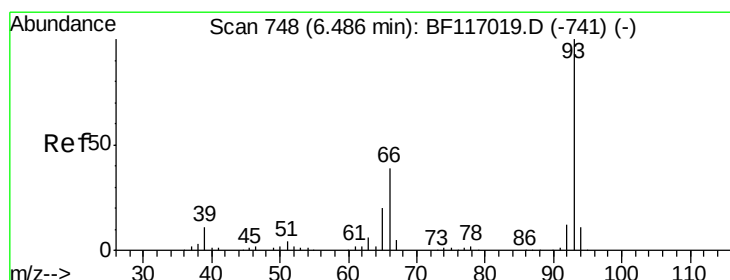
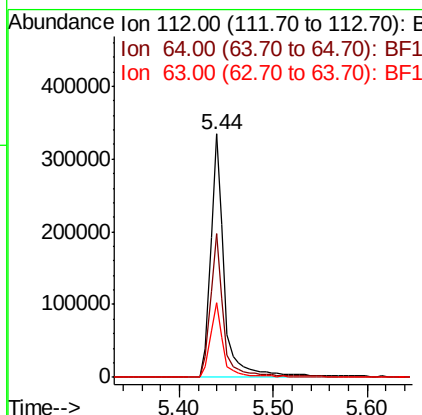
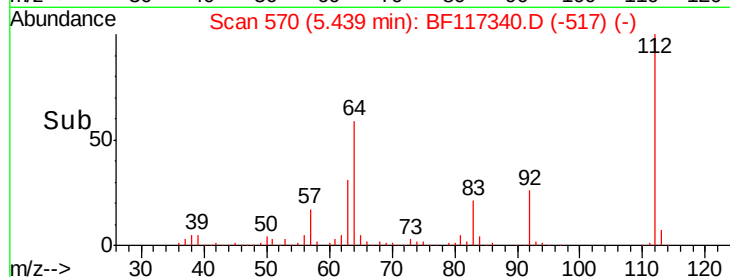
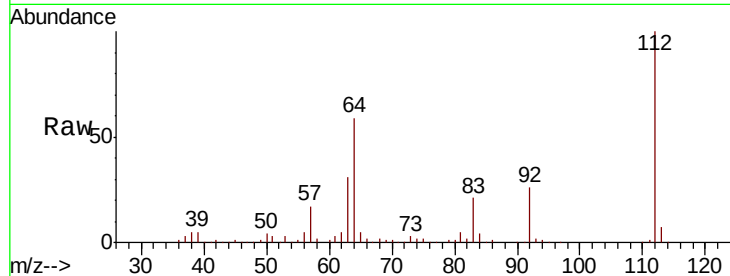
#5
2-Fluorophenol
Concen: 109.327 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	345799		
64	58.8	45.7	68.5	
63	30.9	24.9	37.3	

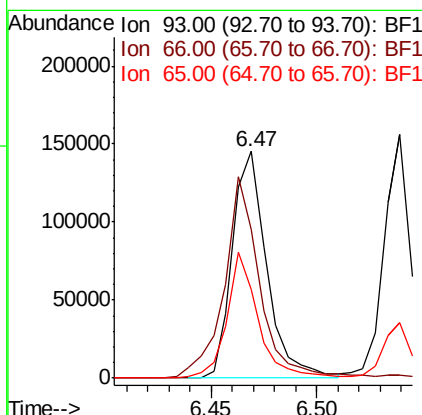
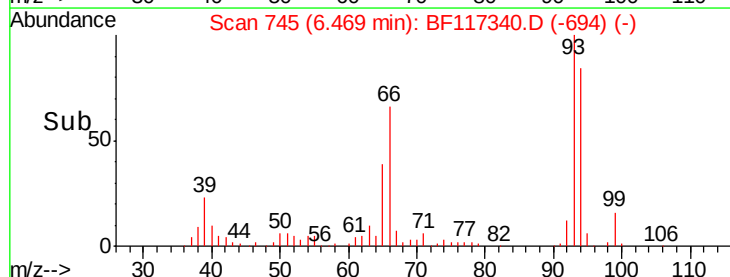
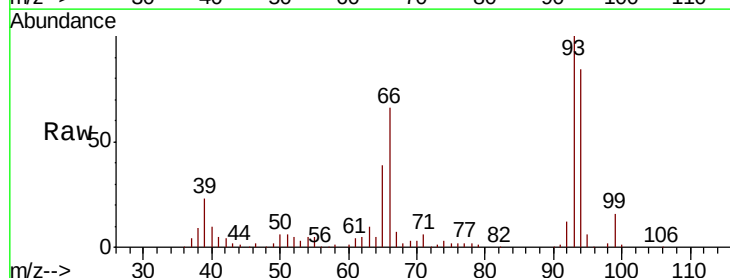
Manual Integrations
APPROVED

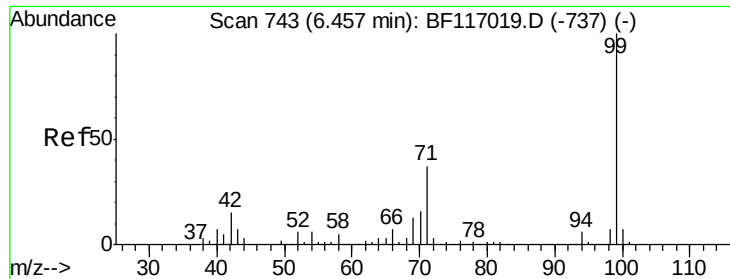
mohammad
10/11/2019 8:29:17 AM



#6
Aniline
Concen: 31.203 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164221		
66	65.8	32.6	49.0#	
65	39.1	16.7	25.1#	





#7

Phenol-d6

Concen: 112.936 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

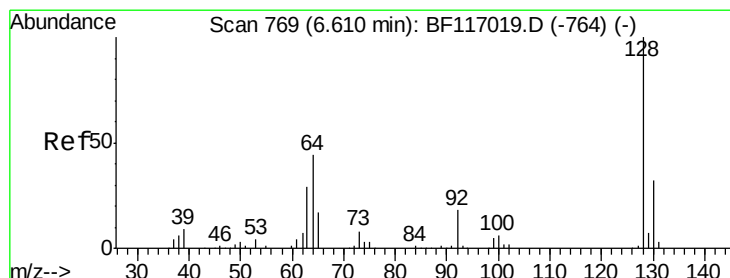
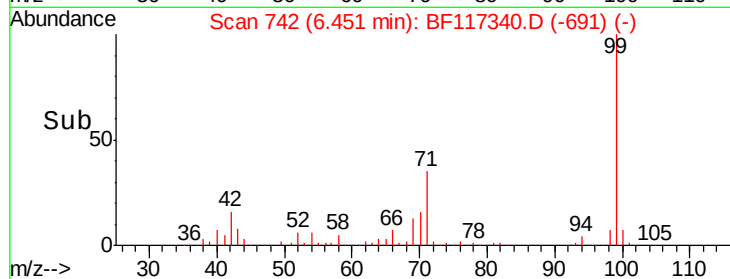
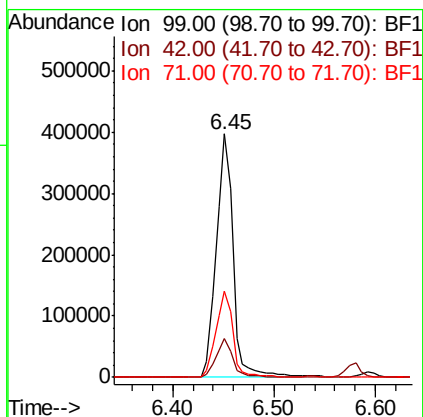
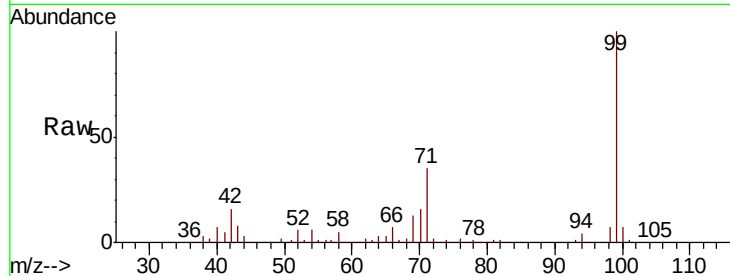
ClientSampled :

PB123732BS

Tot Ion:	99	Resp:	461648
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	35.5	29.8	44.8

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM



#8

2-Chlorophenol

Concen: 42.179 ng

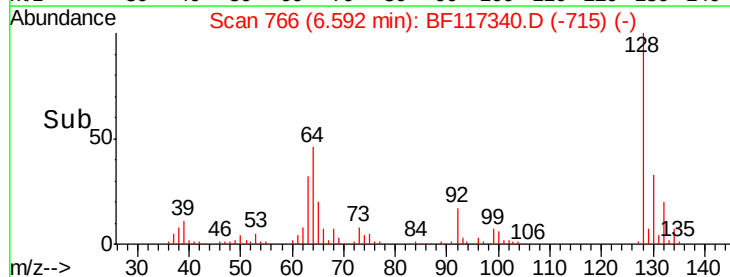
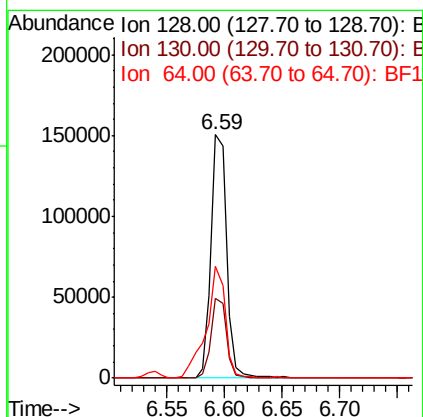
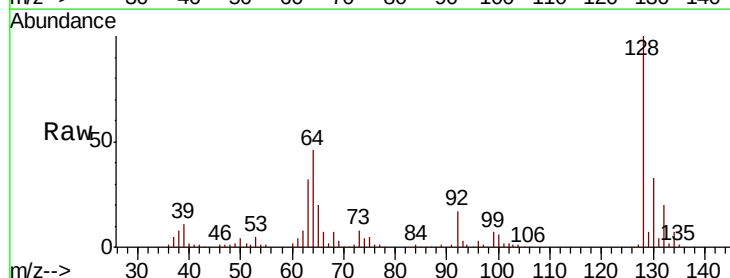
RT: 6.59 min Scan# 766

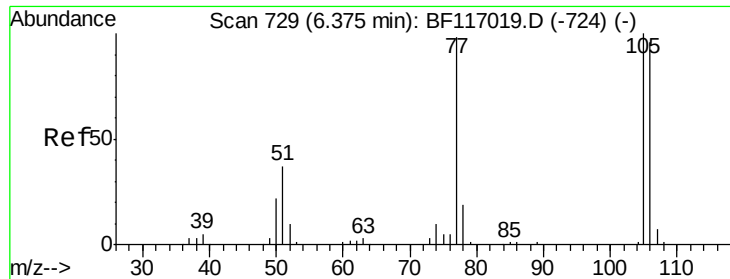
Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:	128	Resp:	143924
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.8	51.8
64	46.0	25.0	65.0





#9

Benzaldehyde

Concen: 50.750 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

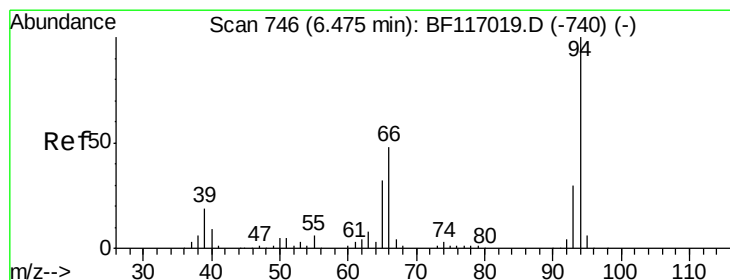
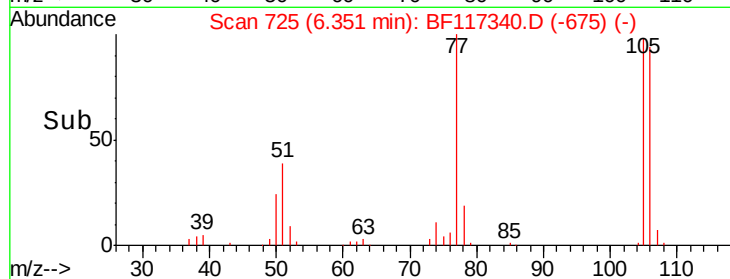
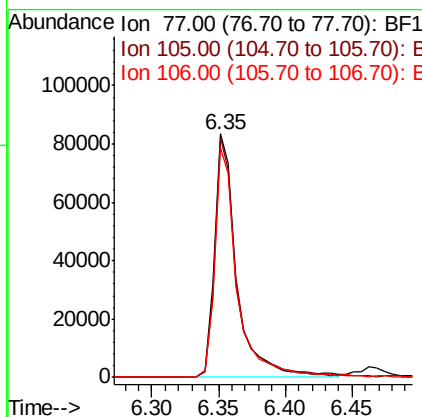
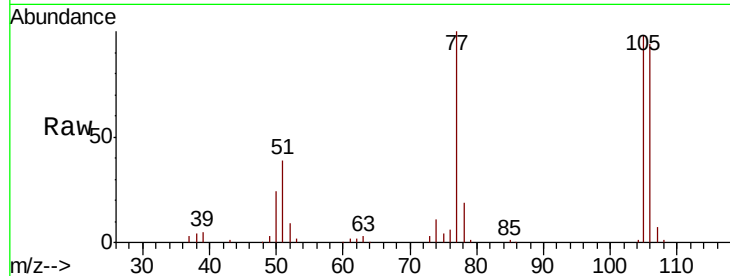
ClientSampleID :

PB123732BS

Tot Ion:	77	Resp:	98474
Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.8	121.8
106	94.3	77.3	117.3

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM



#10

Phenol

Concen: 40.086 ng

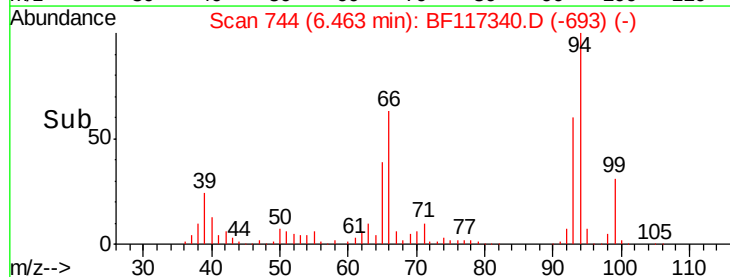
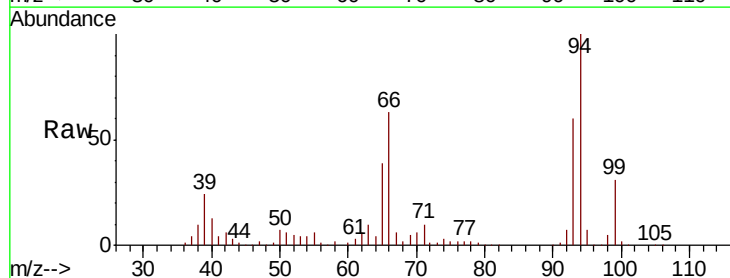
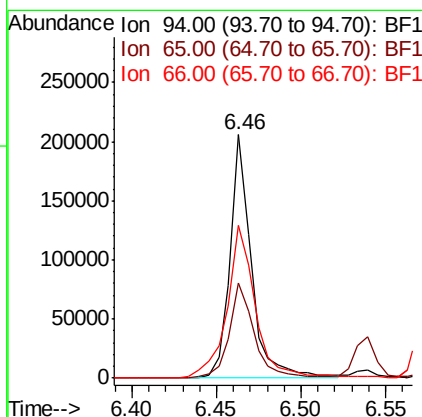
RT: 6.46 min Scan# 744

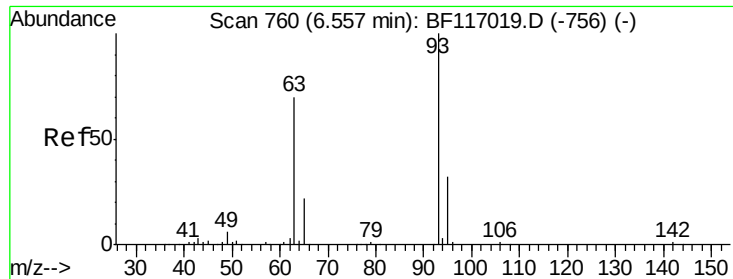
Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:	94	Resp:	180642
Ion	Ratio	Lower	Upper
94	100		
65	39.0	12.5	52.5
66	62.7	28.9	68.9





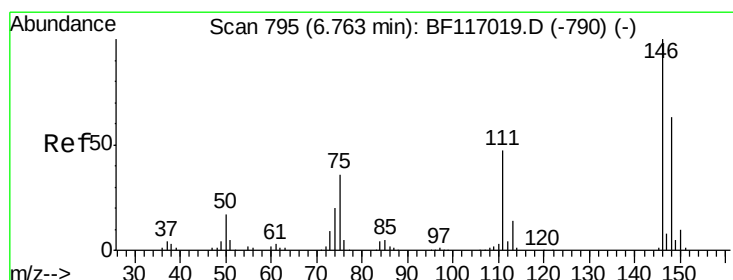
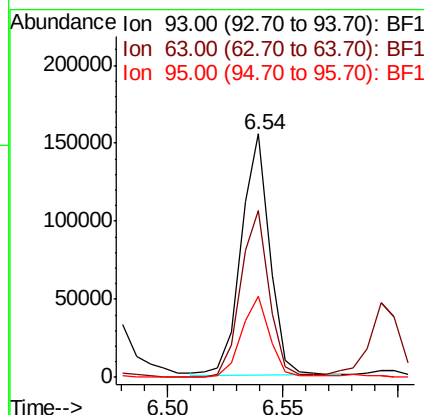
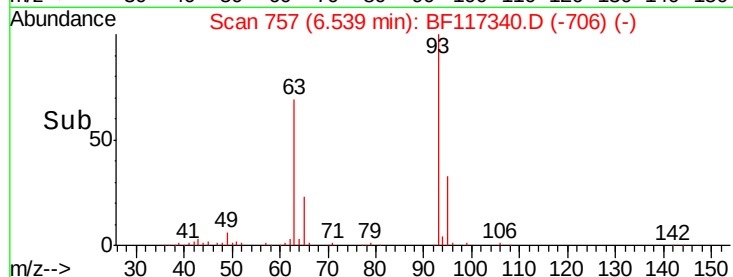
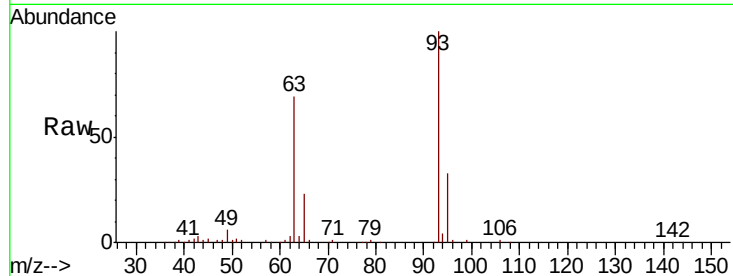
#11
bis(2-Chloroethyl)ether
Concen: 40.027 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	93	Resp	132568
Ion Ratio	Lower	Upper	
93	100		
63	68.8	49.3	89.3
95	33.5	11.5	51.5

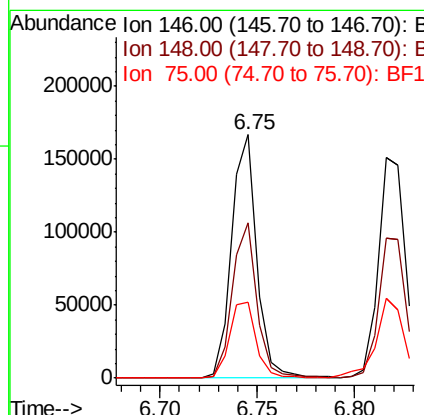
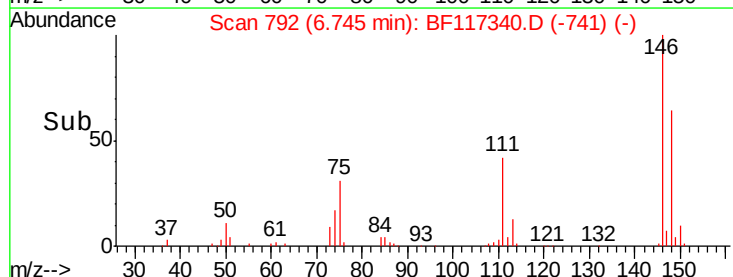
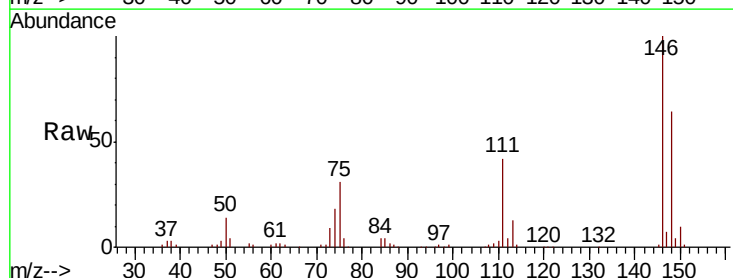
Manual Integrations
APPROVED

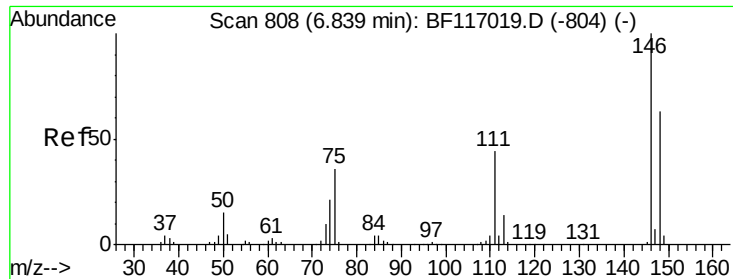
mohammad
10/11/2019 8:29:17 AM



#12
1,3-Dichlorobenzene
Concen: 39.144 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	146	Resp	149880
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
75	31.2	28.7	43.1





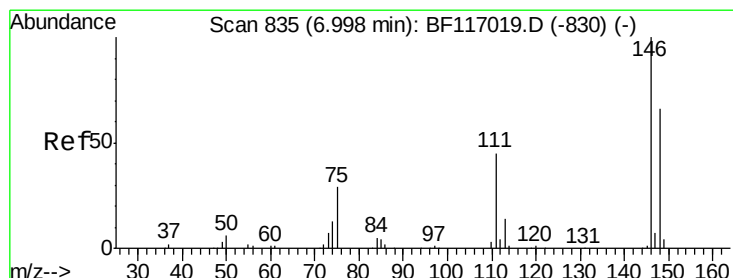
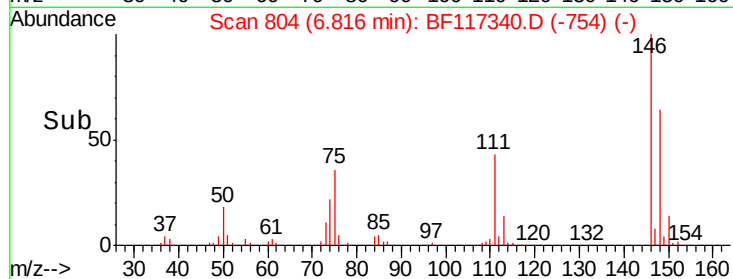
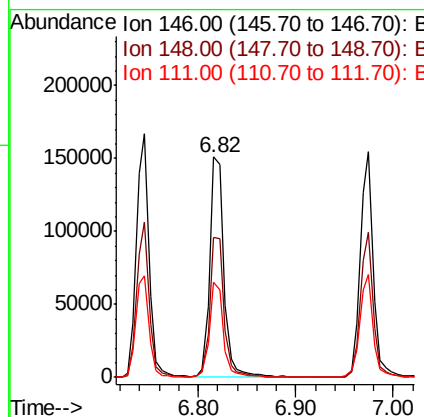
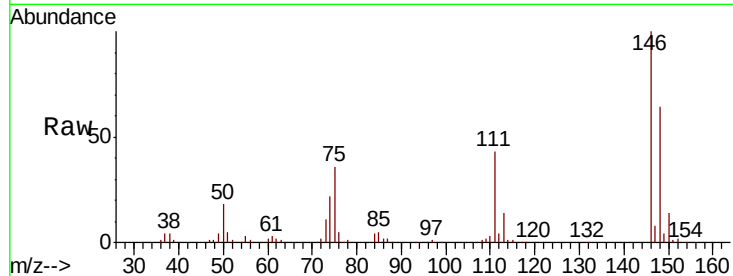
#13
 1,4-Dichlorobenzene
 Concen: 39.548 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	43.2	35.0	52.6

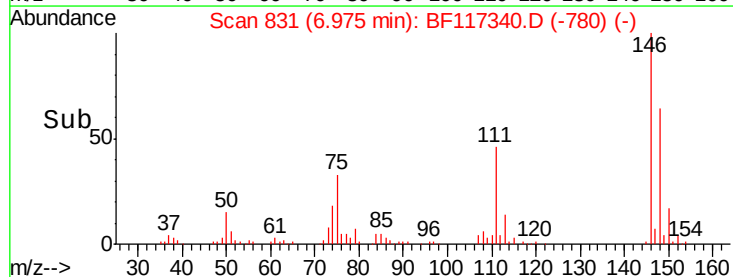
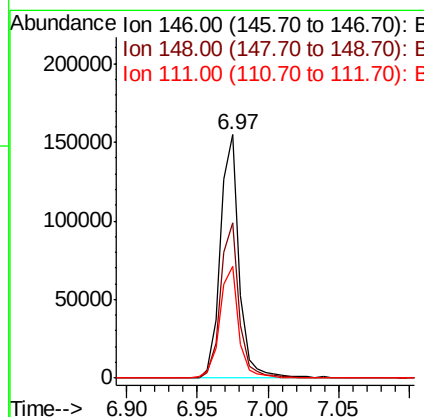
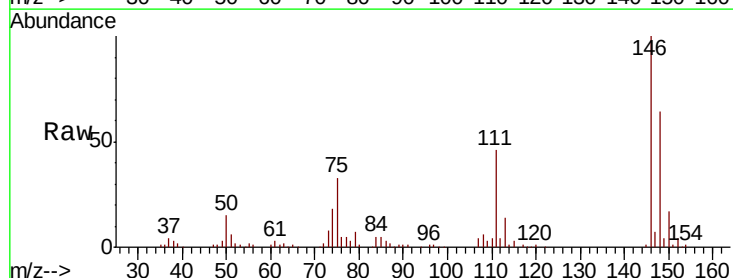
Manual Integrations
 APPROVED

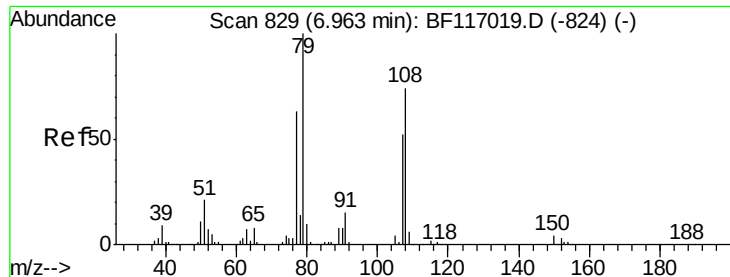
mohammad
 10/11/2019 8:29:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.462 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
111	45.7	36.2	54.2





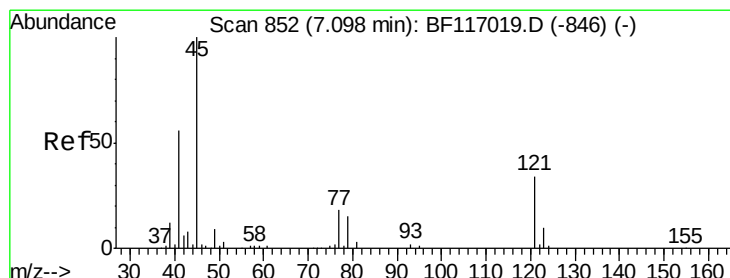
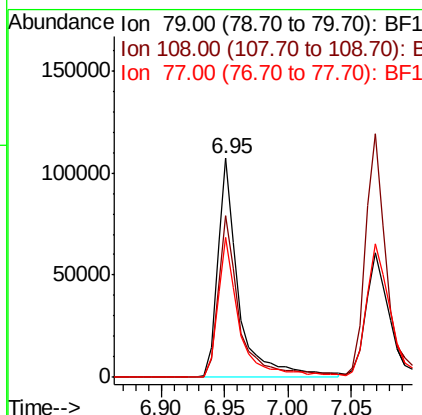
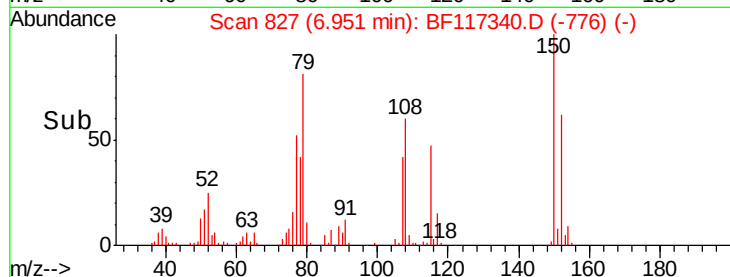
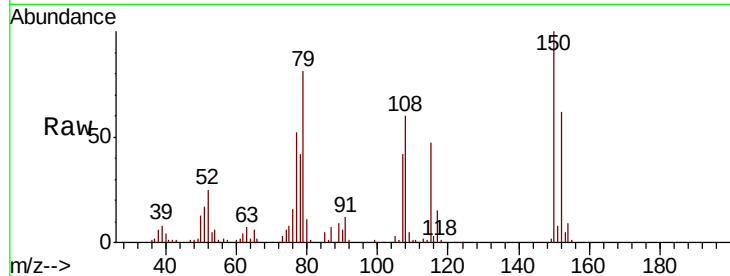
#15
Benzyl Alcohol
Concen: 39.885 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.1	59.4	89.0
77	63.9	50.2	75.2

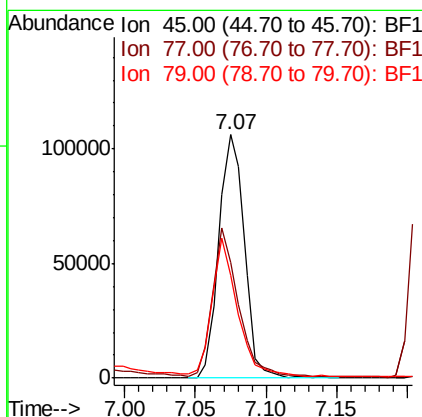
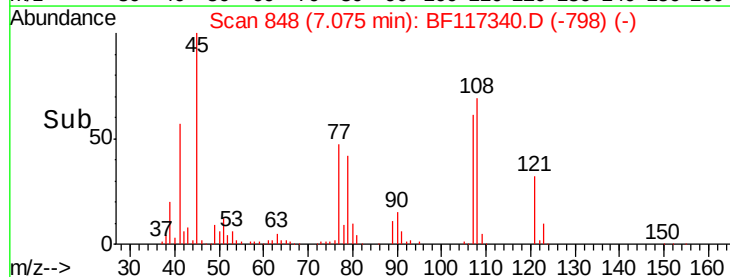
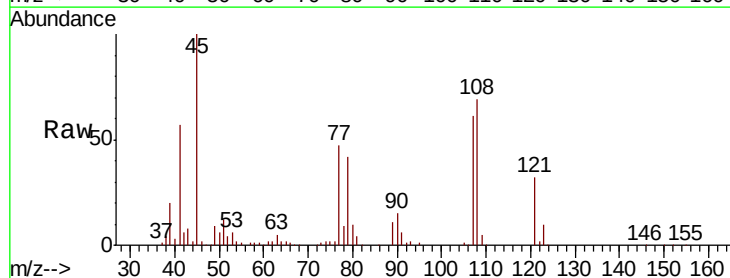
Manual Integrations
APPROVED

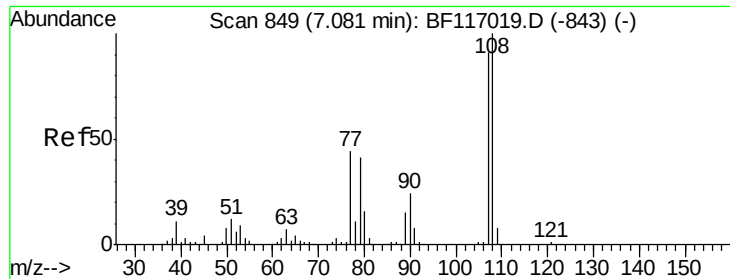
mohammad
10/11/2019 8:29:17 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.829 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.5	2.7	42.7#
79	42.0	0.0	38.9#





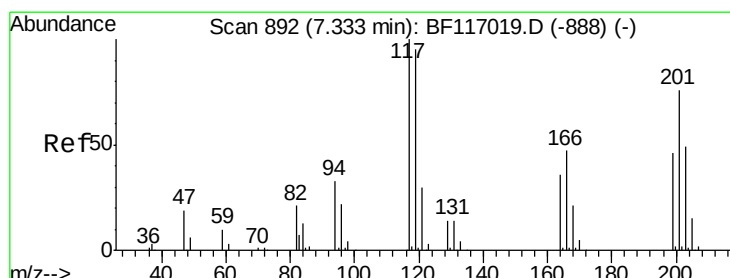
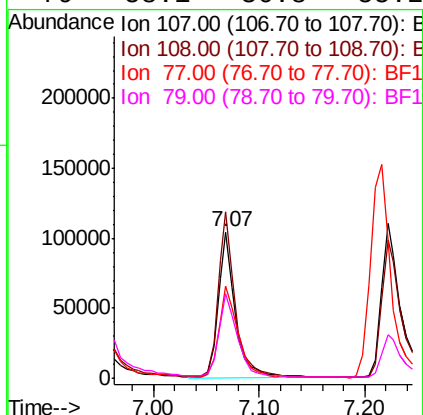
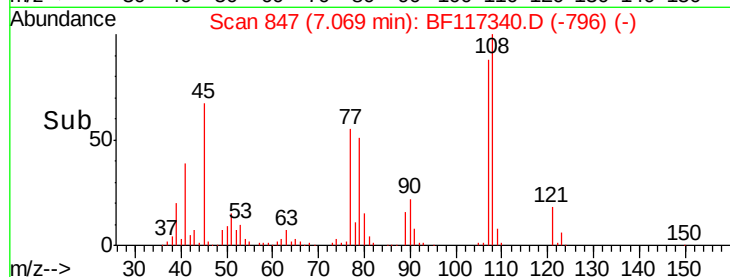
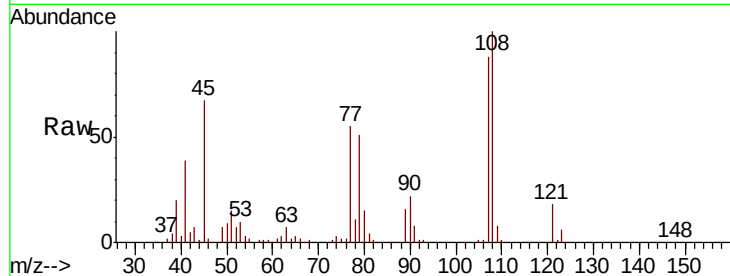
#17
2-Methylphenol
Concen: 41.566 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	87.7	131.5	
77	62.6	38.6	58.0	
79	58.1	36.8	55.2	

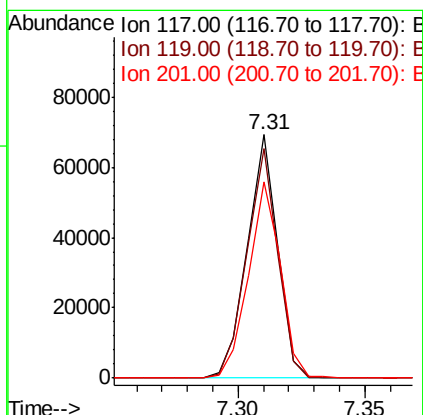
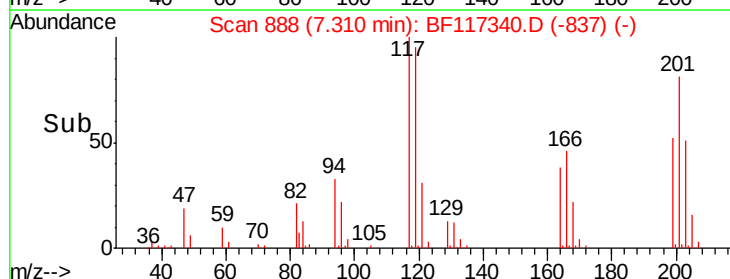
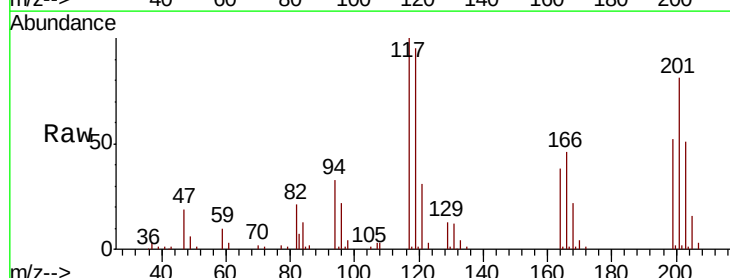
Manual Integrations
APPROVED

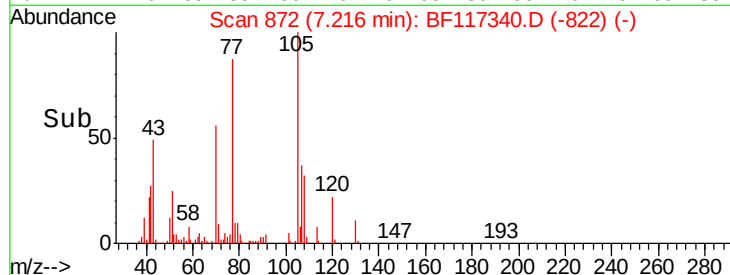
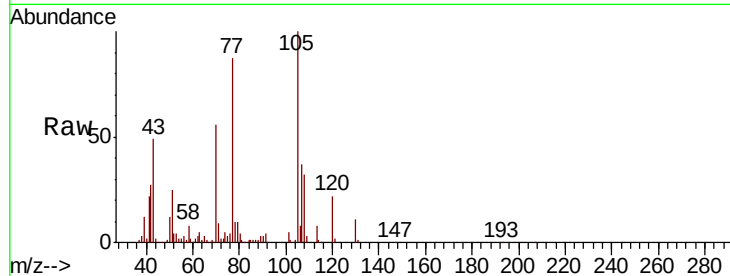
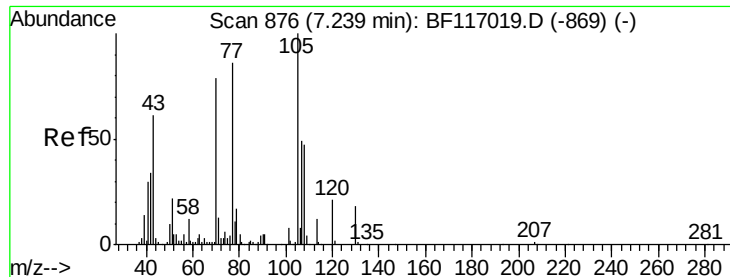
mohammad
10/11/2019 8:29:17 AM



#18
Hexachloroethane
Concen: 38.540 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	80.7	60.9	91.3	





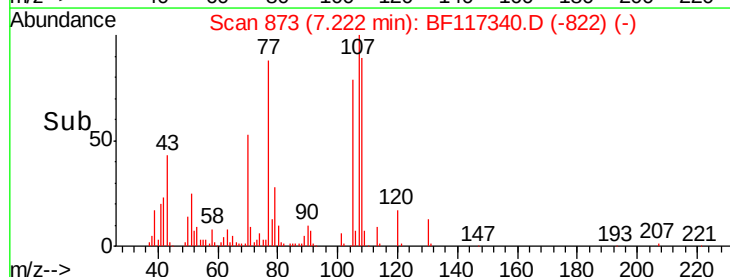
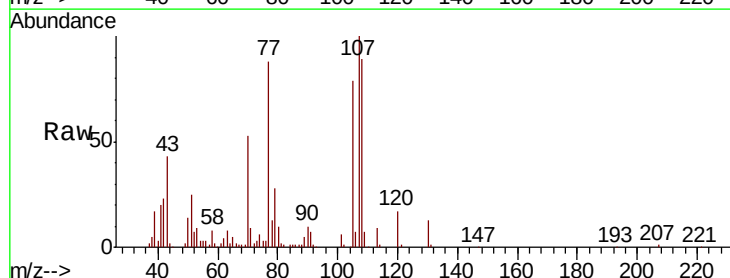
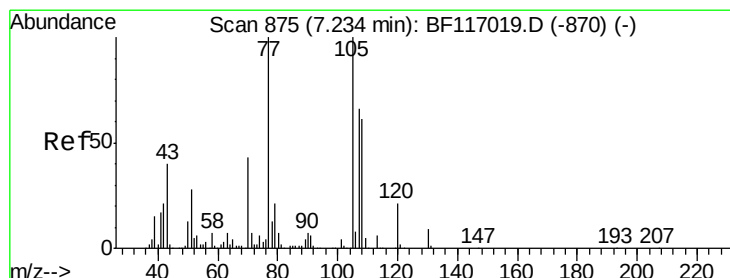
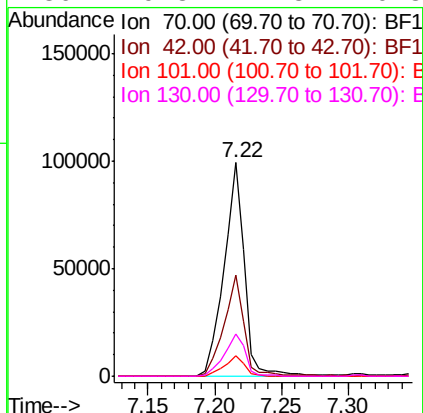
#19
n-Nitroso-di-n-propylamine
Concen: 43.405 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	34.0	51.0
101	9.7	7.8	11.6
130	19.8	17.8	26.8

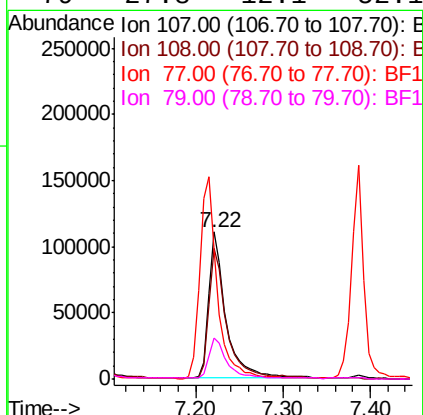
Manual Integrations
APPROVED

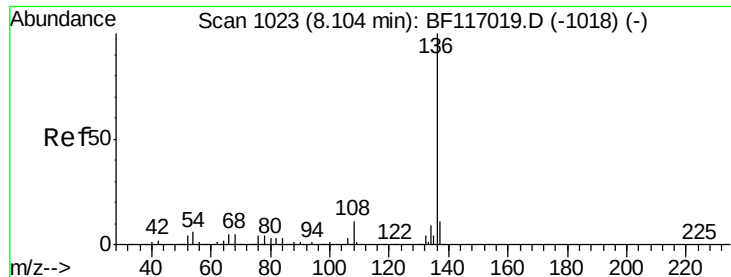
mohammad
10/11/2019 8:29:17 AM



#20
3+4-Methylphenols
Concen: 42.745 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	72.6	112.6
77	88.1	132.1	172.1#
79	27.8	12.1	52.1





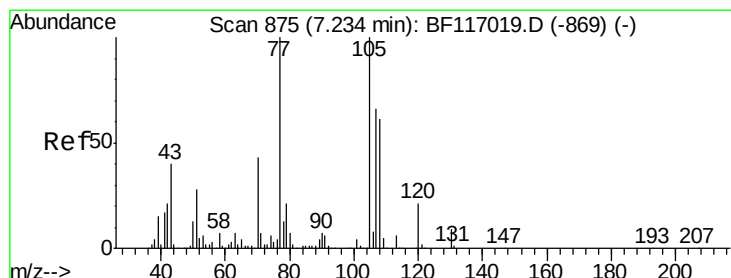
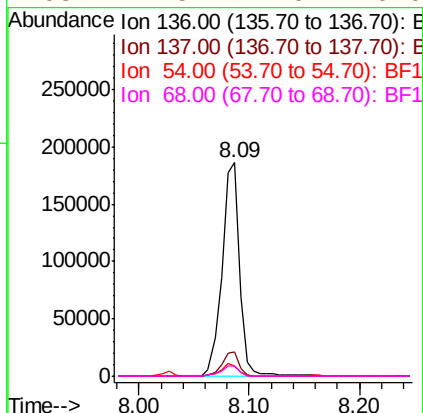
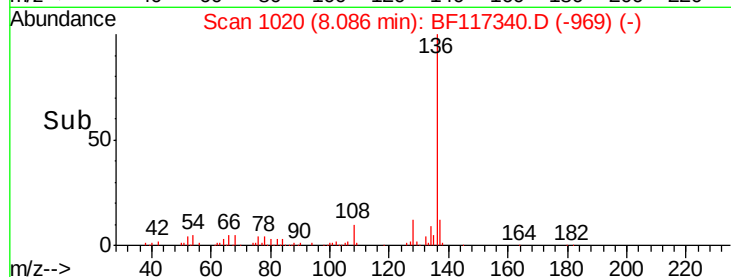
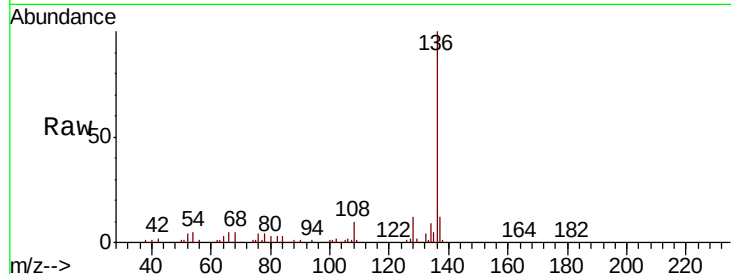
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	207741		
137	11.6		9.0	13.4
54	5.1		4.5	6.7
68	4.5		4.0	6.0

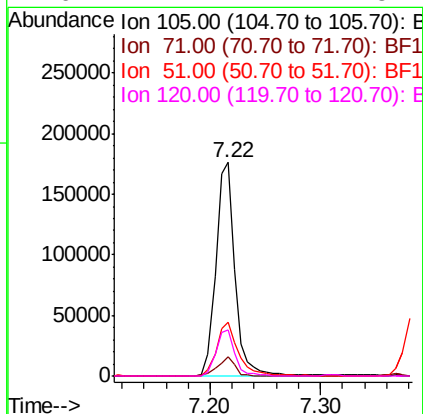
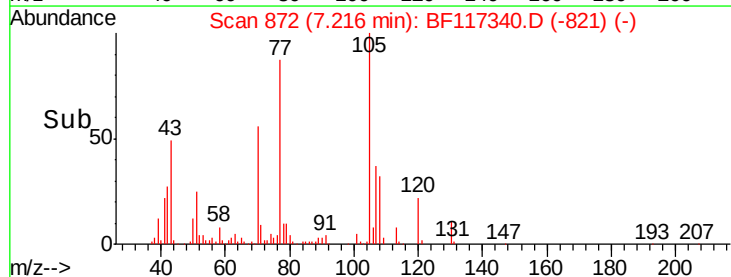
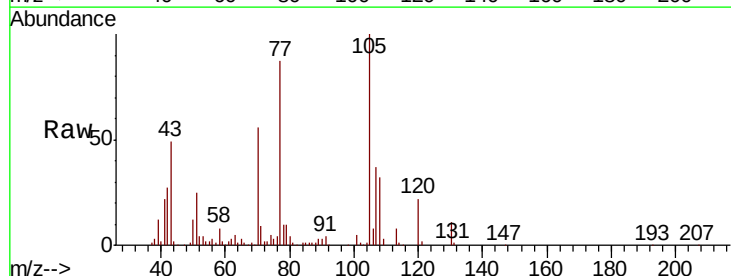
Manual Integrations
APPROVED

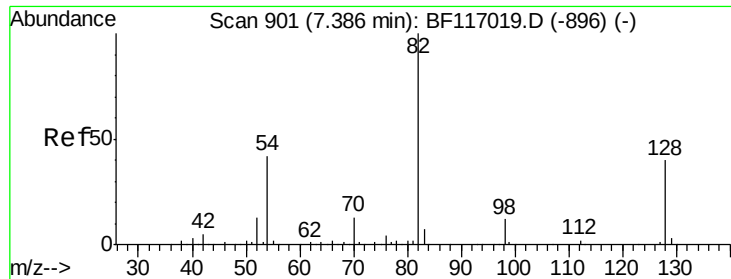
mohammad
10/11/2019 8:29:17 AM



#22
Acetophenone
Concen: 40.127 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211795		
71	9.2		5.7	8.5#
51	25.0		22.1	33.1
120	21.7		17.1	25.7





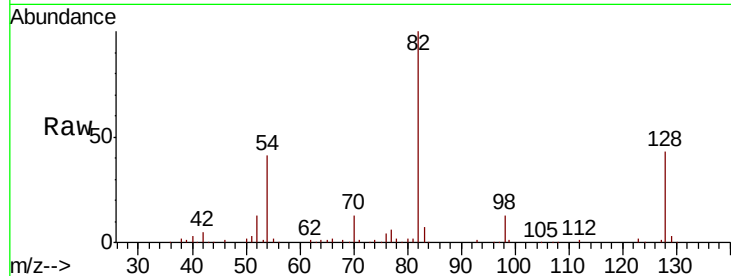
#23
Nitrobenzene-d5
Concen: 61.793 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

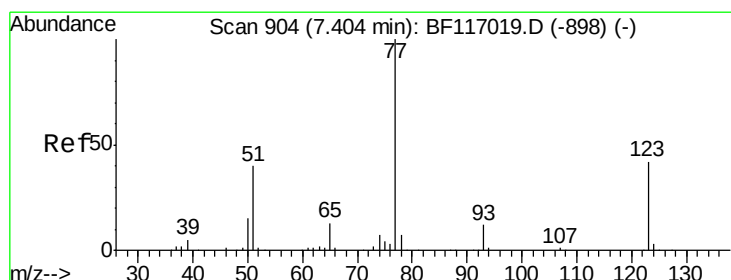
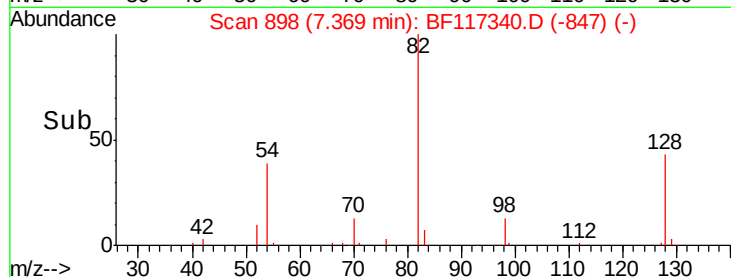
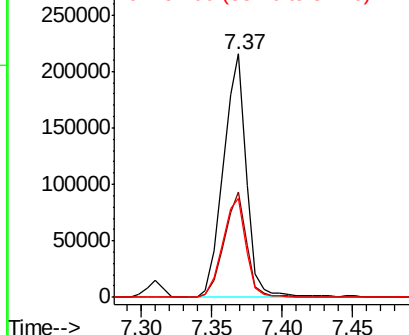
Tot Ion	Ratio	Resp	Lower	Upper
82	100	244316		
128	43.1	32.3	48.5	
54	40.8	33.3	49.9	

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

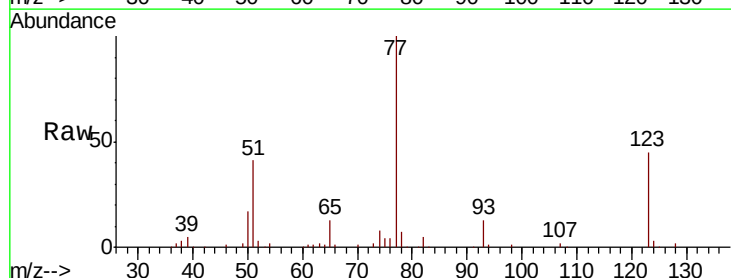


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

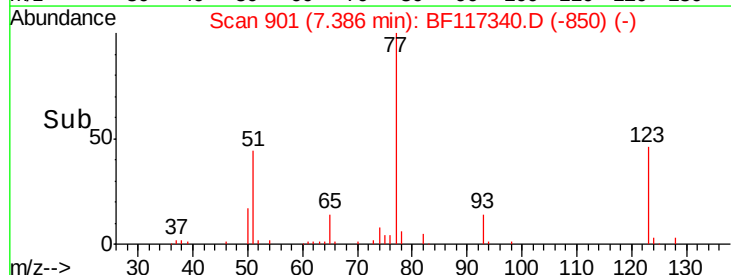
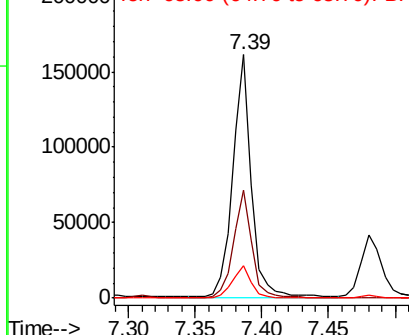


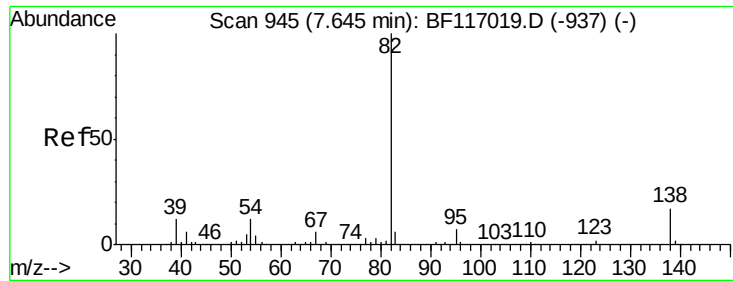
#24
Nitrobenzene
Concen: 40.550 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	158329		
123	44.6	33.5	50.3	
65	13.1	10.5	15.7	



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





#25

Isophorone

Concen: 41.340 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

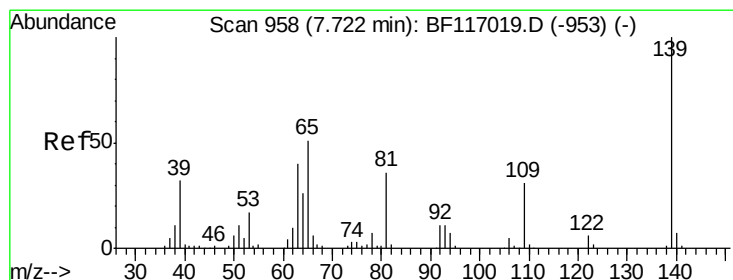
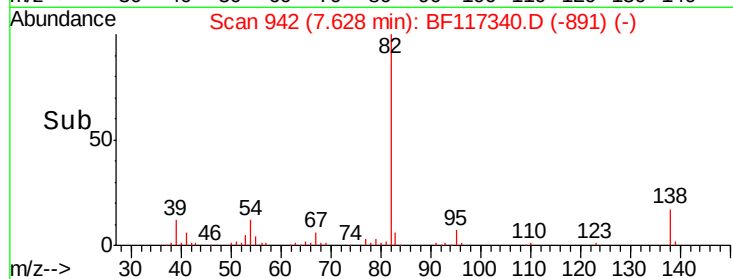
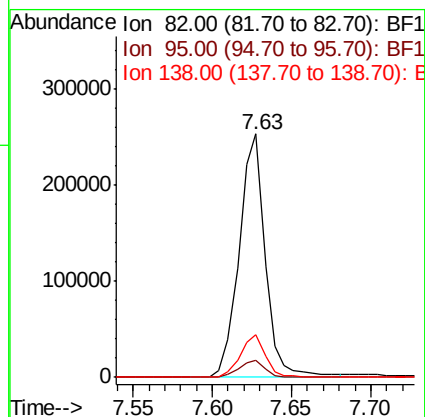
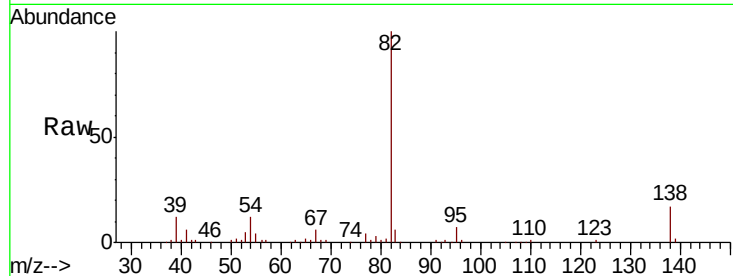
ClientSampleId :

PB123732BS

Tot Ion:	82	Resp:	289402
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.8	8.6
138	17.5	13.5	20.3

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM



#26

2-Nitrophenol

Concen: 42.576 ng

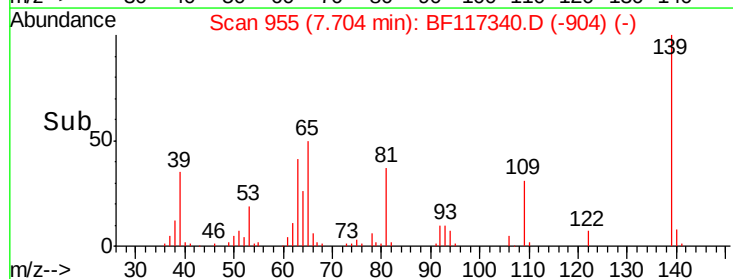
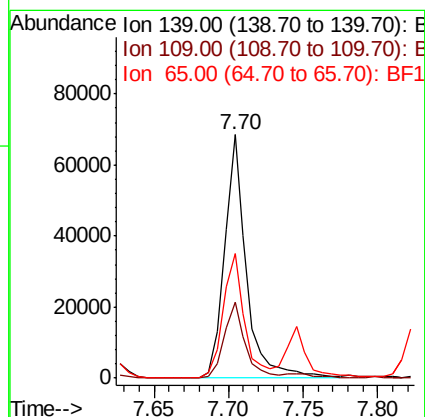
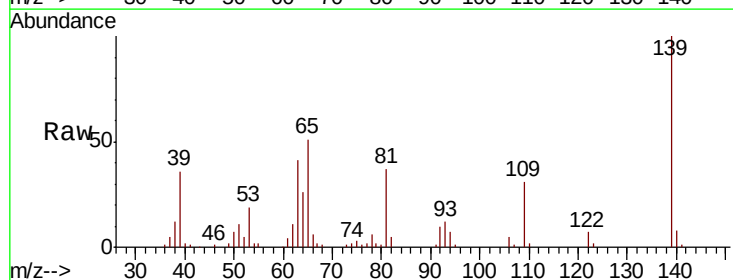
RT: 7.70 min Scan# 955

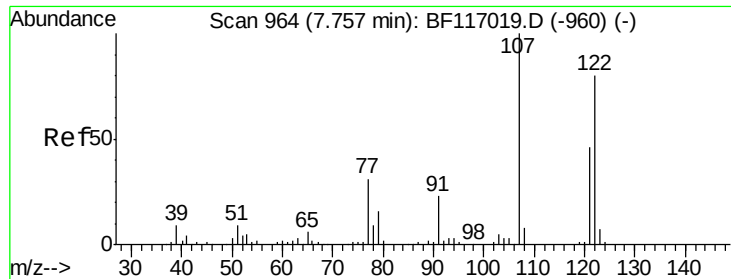
Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:	139	Resp:	71405
Ion Ratio		Lower	Upper
139	100		
109	31.0	24.6	36.8
65	51.2	40.9	61.3





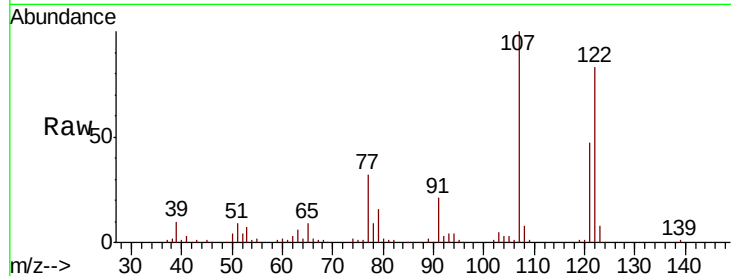
#27
 2,4-Dimethylphenol
 Concen: 46.759 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	98.9	148.3
121	56.0	45.3	67.9

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM

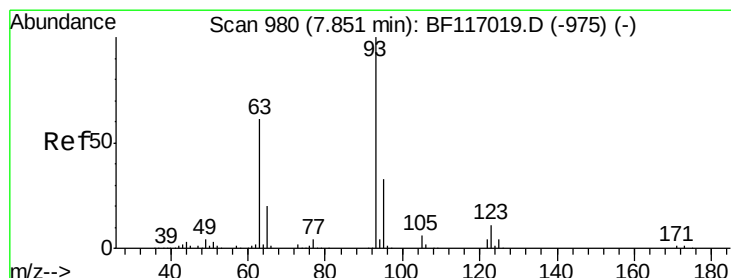
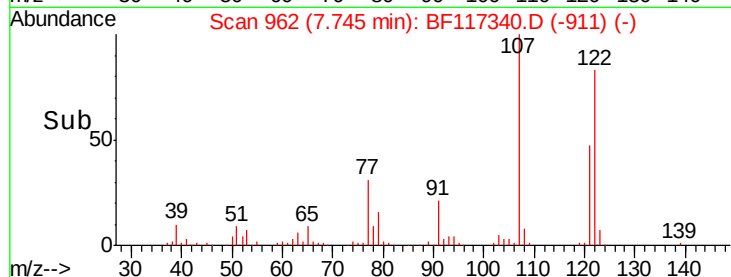
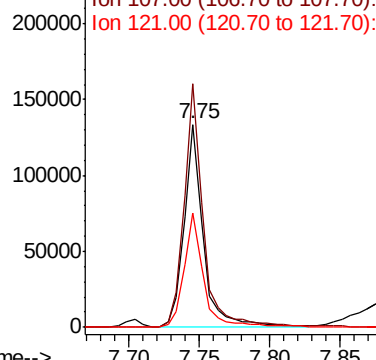


Abundance

Ion 122.00 (121.70 to 122.70): E

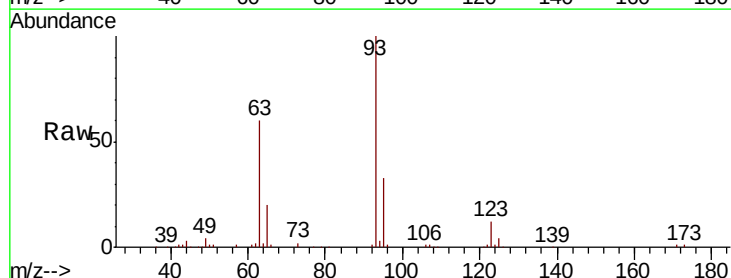
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.237 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	11.6	9.0	13.6

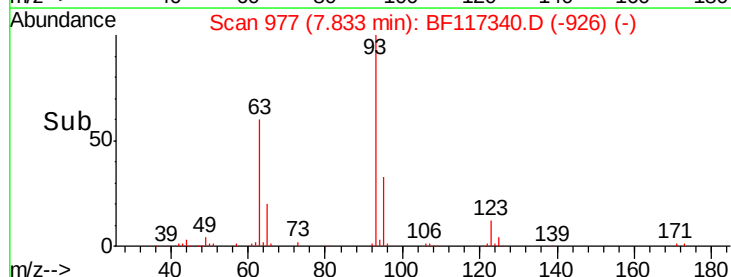
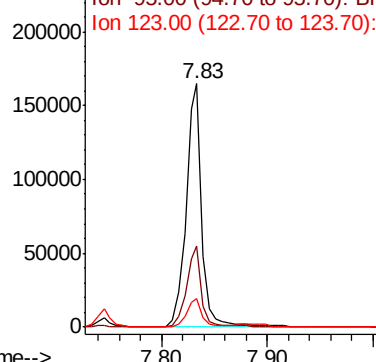


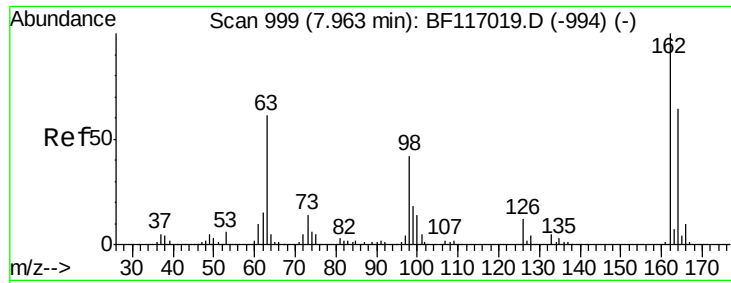
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





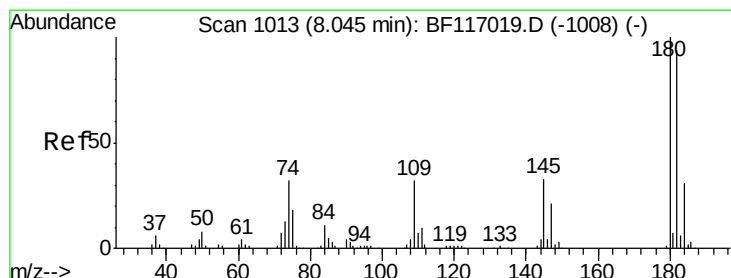
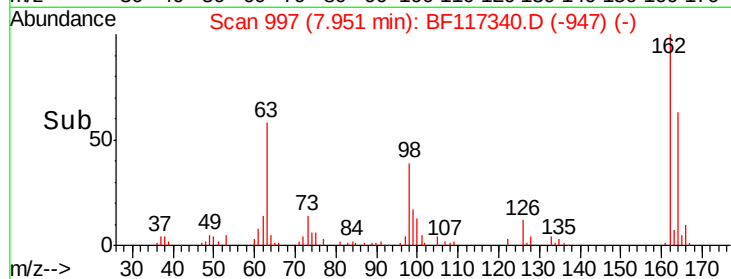
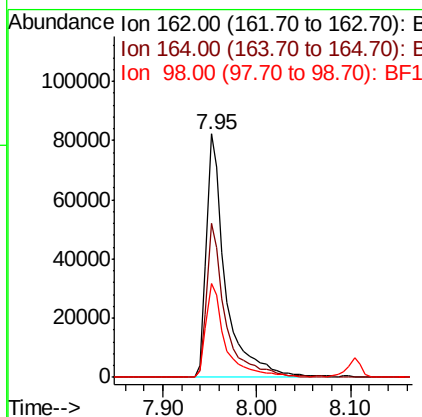
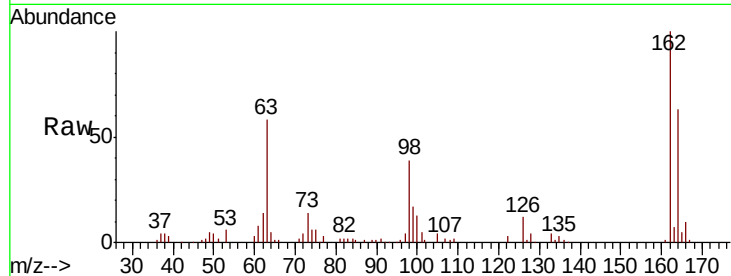
#29
2,4-Dichlorophenol
Concen: 42.186 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleID :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	117562		
164	63.3	43.8	83.8	
98	38.7	22.1	62.1	

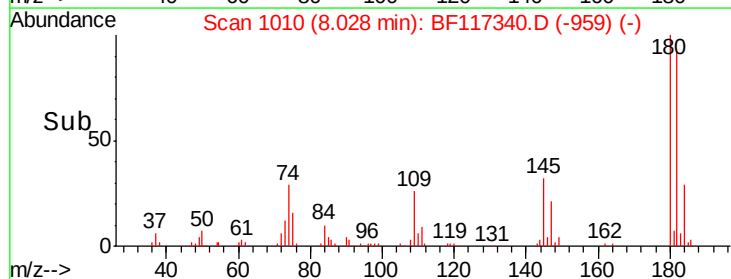
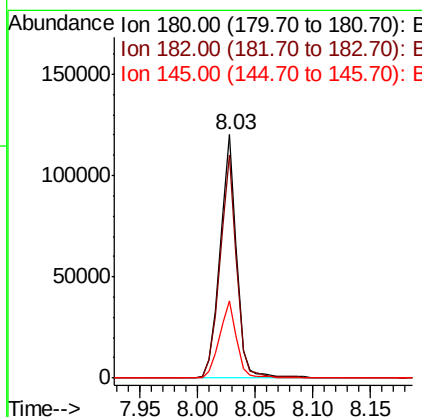
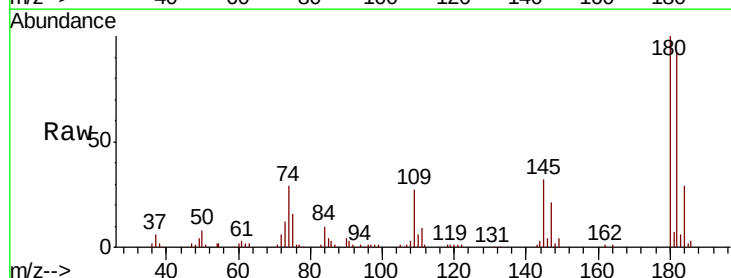
Manual Integrations
APPROVED

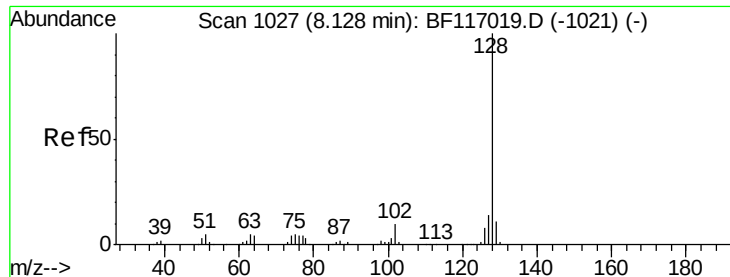
mohammad
10/11/2019 8:29:17 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.894 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120110		
182	91.7	75.4	113.0	
145	32.0	26.7	40.1	





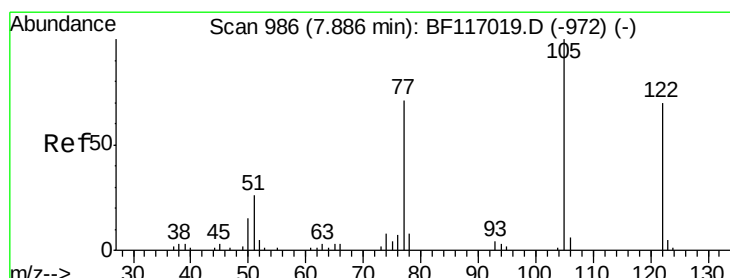
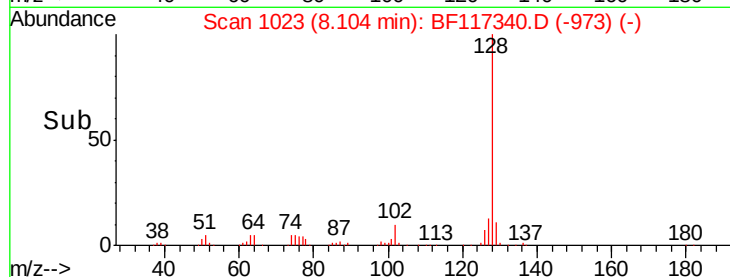
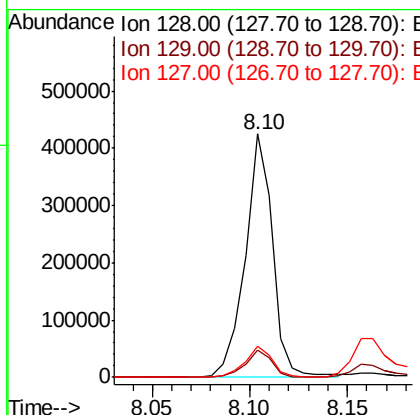
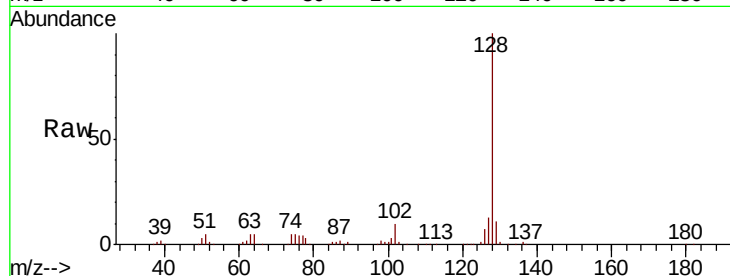
#31
Naphthalene
Concen: 41.550 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.4	
127	12.8	10.8	16.2	

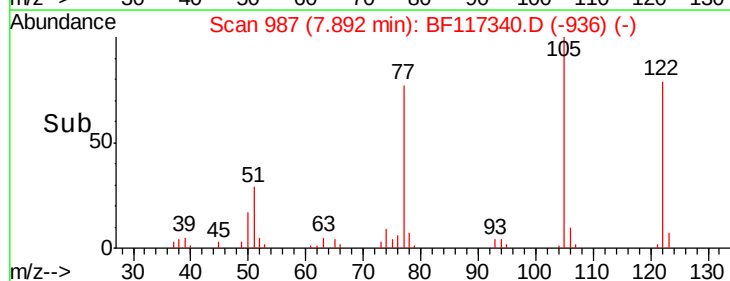
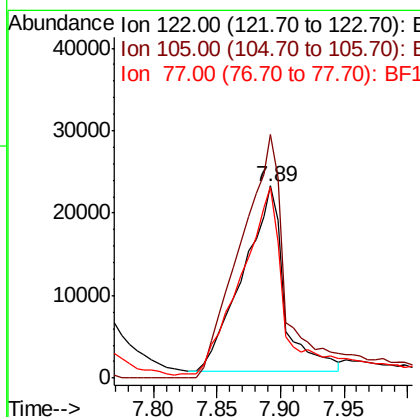
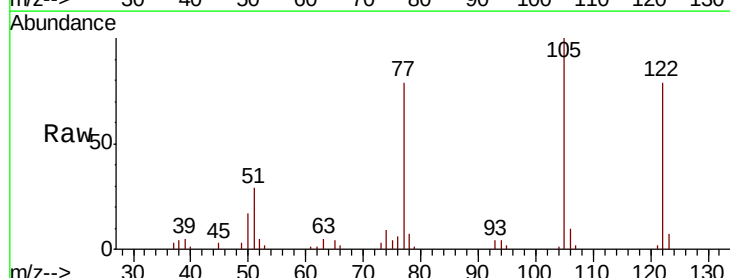
Manual Integrations
APPROVED

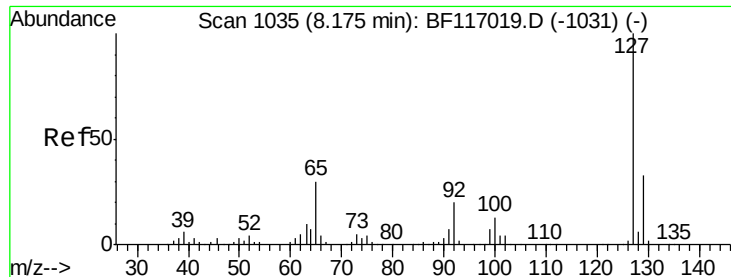
mohammad
10/11/2019 8:29:17 AM



#32
Benzoic acid
Concen: 28.655 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.6	114.8	154.8	
77	99.4	78.7	118.7	





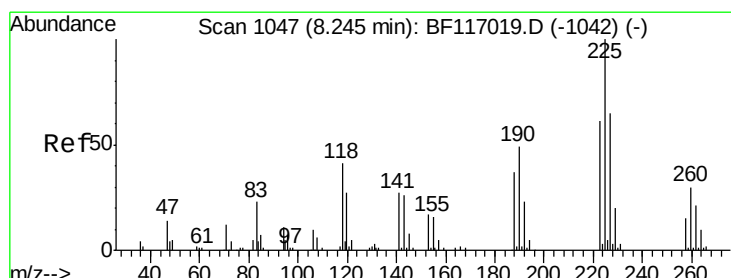
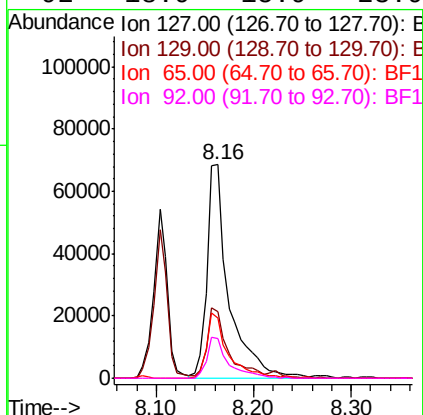
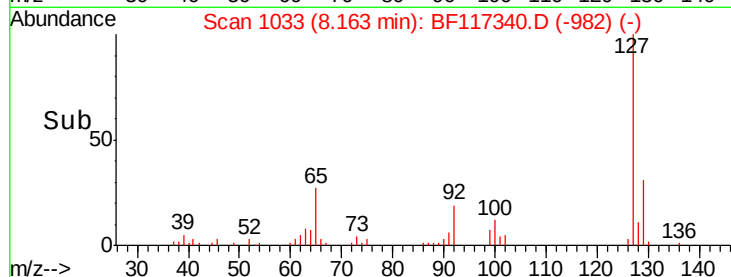
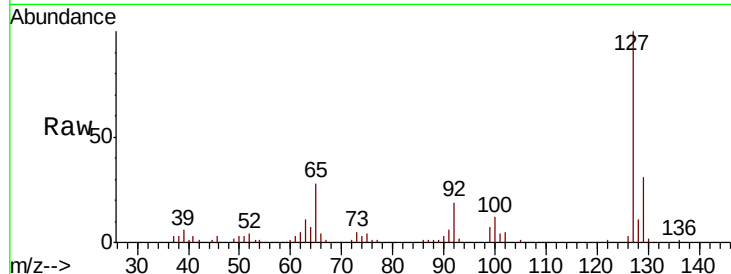
#33
4-Chloroaniline
Concen: 24.428 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	28.0	23.5	35.3
92	18.9	15.9	23.9

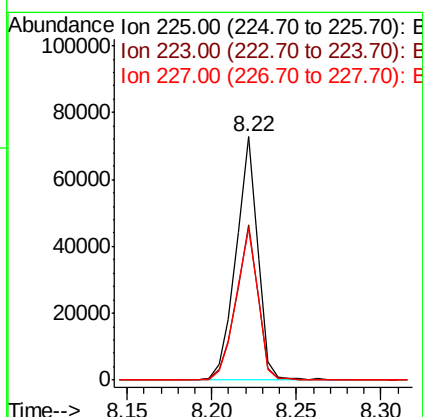
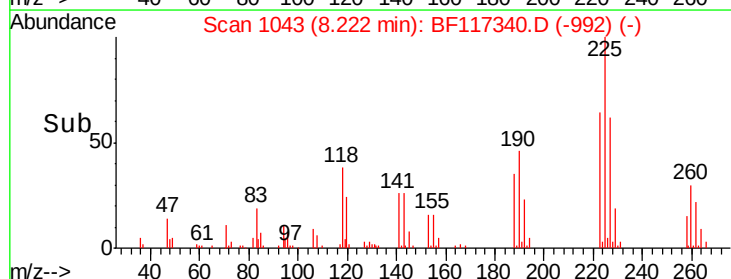
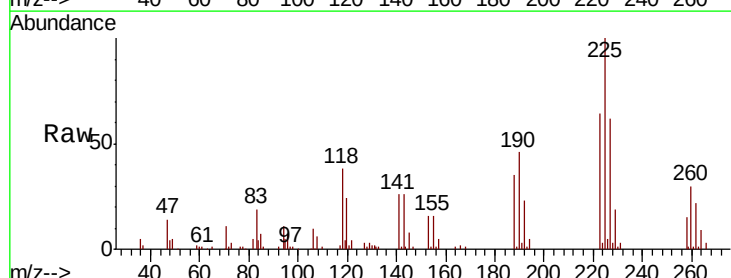
Manual Integrations
APPROVED

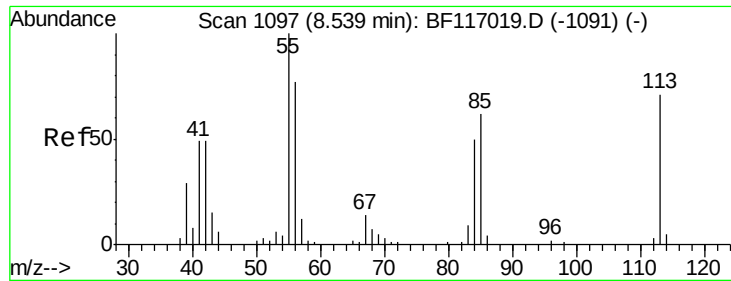
mohammad
10/11/2019 8:29:17 AM



#34
Hexachlorobutadiene
Concen: 38.092 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.1	73.7
227	62.0	52.2	78.2





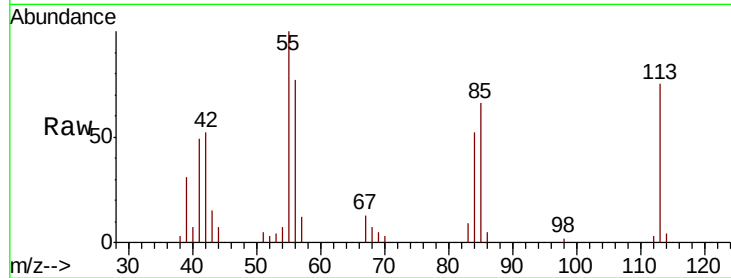
#35
Caprolactam
Concen: 40.054 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.6	120.6	160.6
56	102.8	88.8	128.8

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

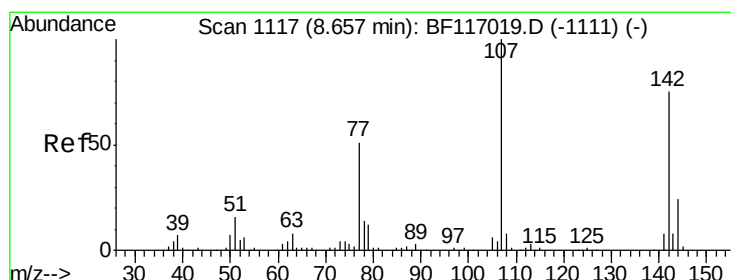
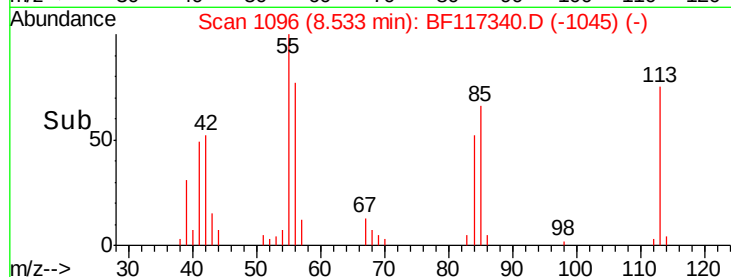
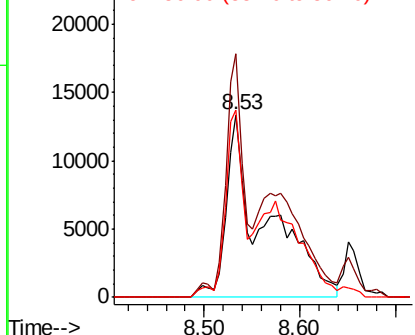


Abundance

Ion 113.00 (112.70 to 113.70): E

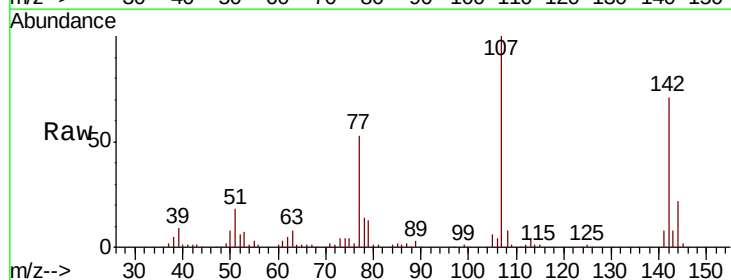
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 41.093 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	19.2	28.8
142	70.8	59.6	89.4

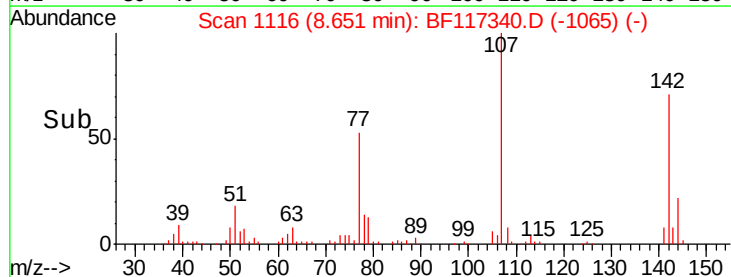
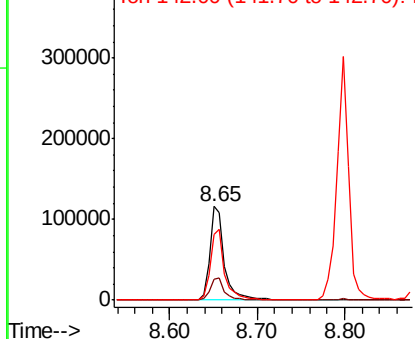


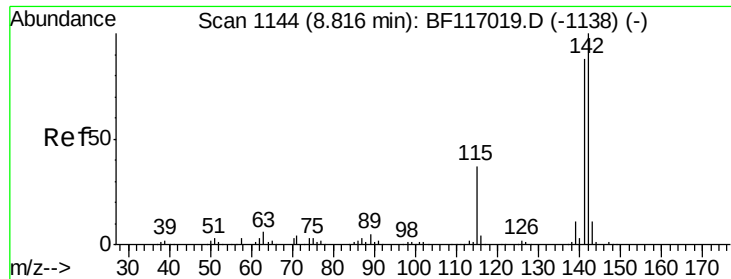
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





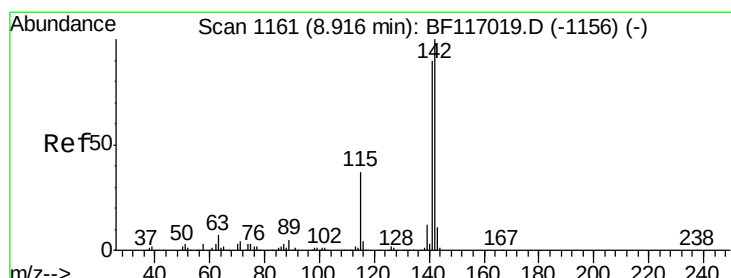
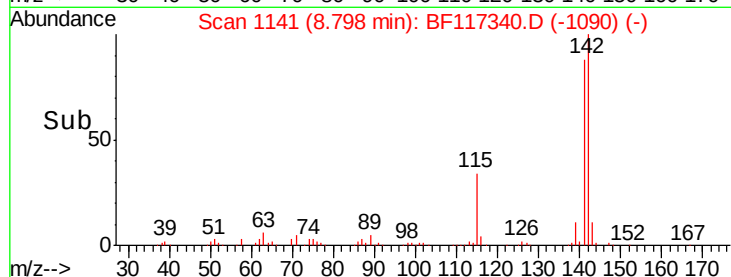
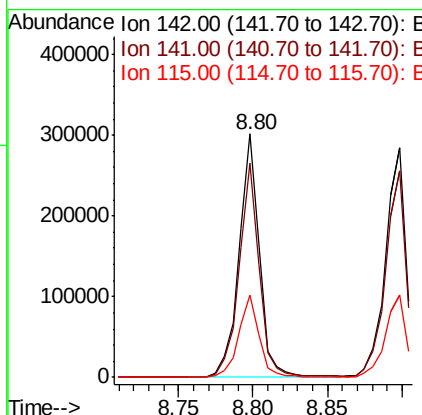
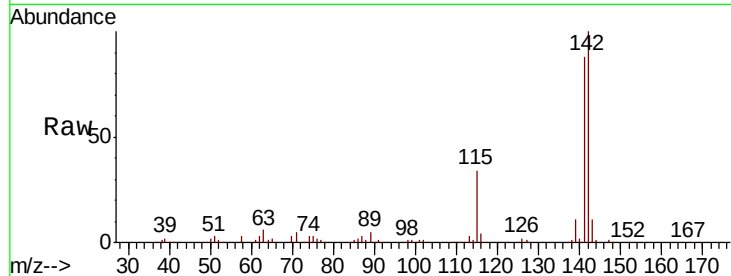
#37
2-Methylnaphthalene
Concen: 42.846 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.7	106.1
115	34.0	29.4	44.0

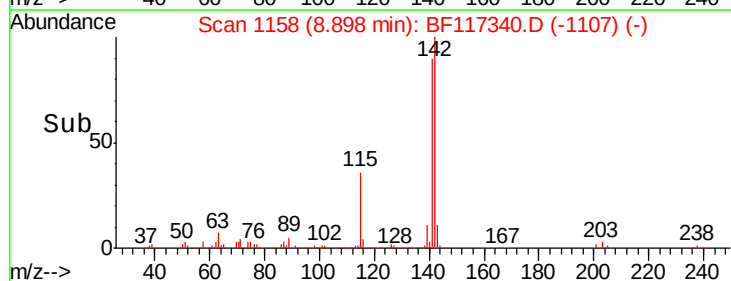
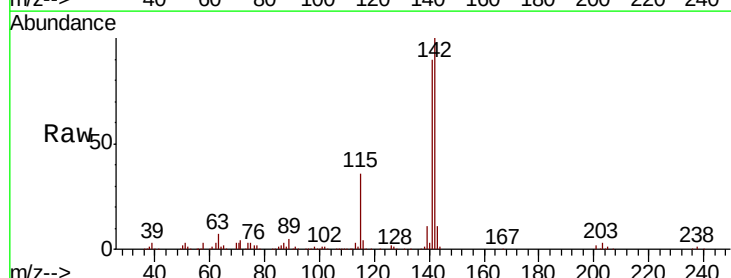
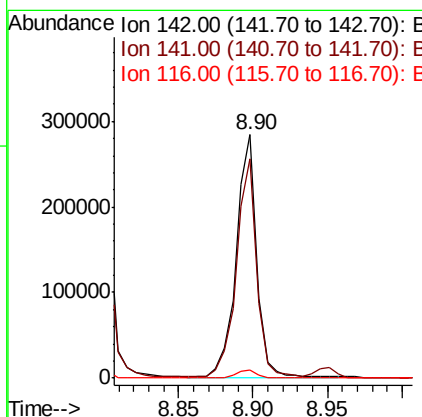
Manual Integrations
APPROVED

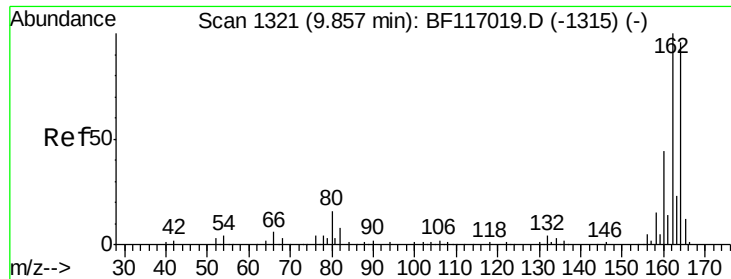
mohammad
10/11/2019 8:29:17 AM



#38
1-Methylnaphthalene
Concen: 42.962 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.5	3.2	4.8





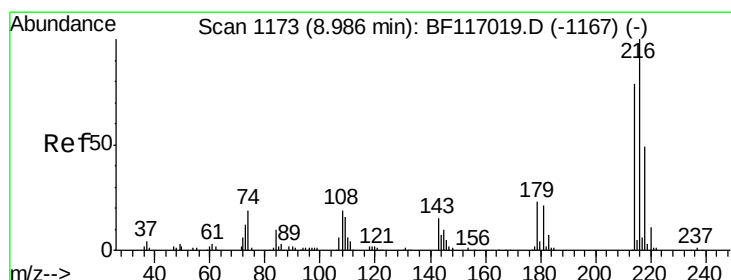
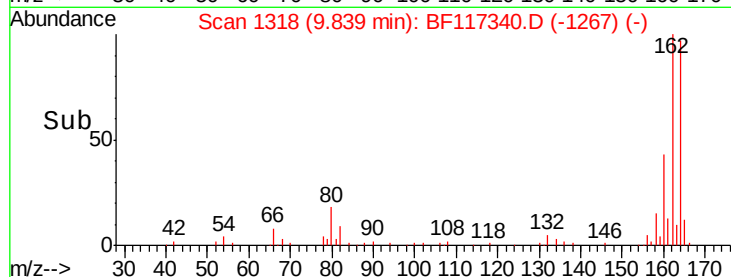
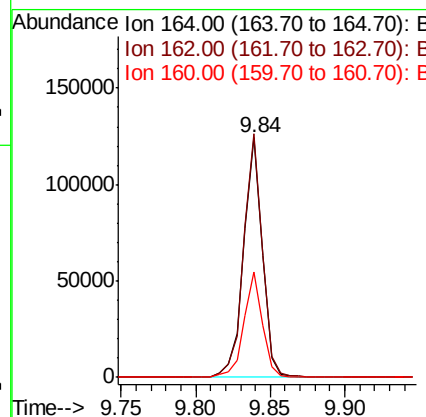
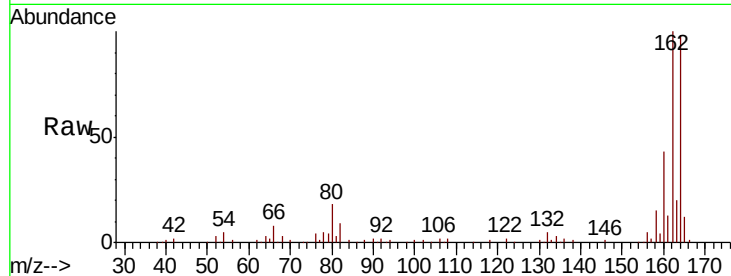
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.2
160	44.2	36.4	54.6

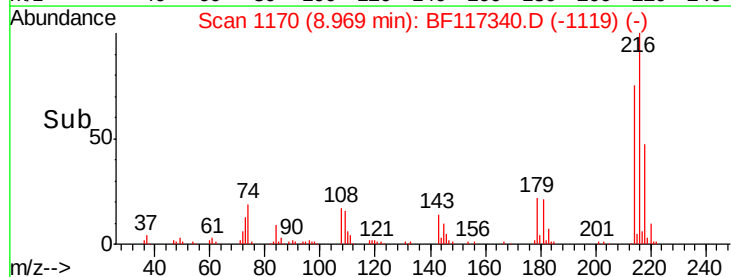
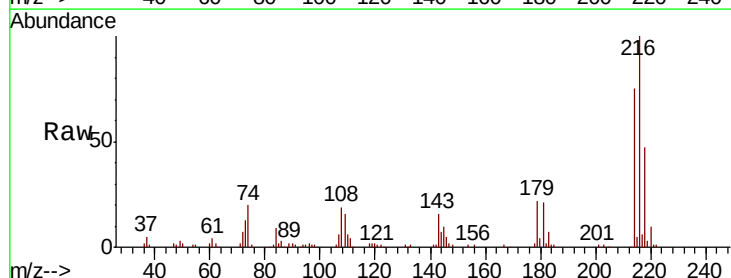
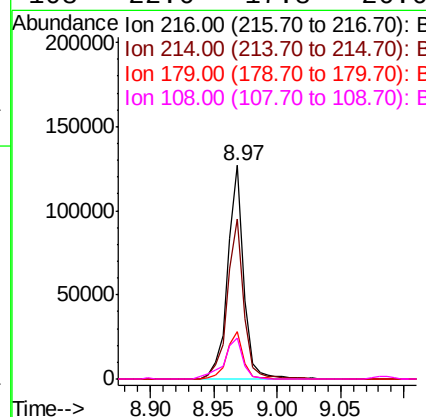
Manual Integrations
APPROVED

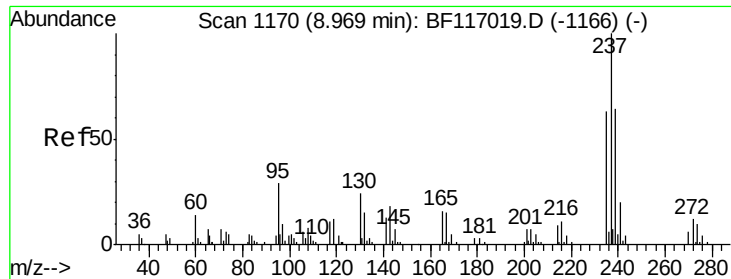
mohammad
10/11/2019 8:29:17 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.425 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.6	95.4
179	22.7	18.3	27.5
108	22.6	17.8	26.6





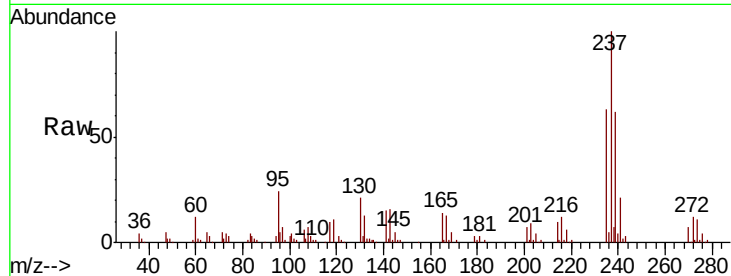
#41
Hexachlorocyclopentadiene
Concen: 59.330 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

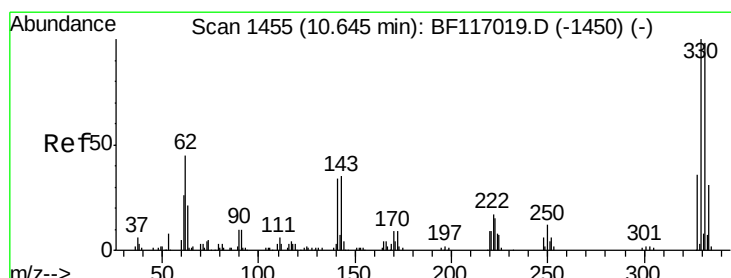
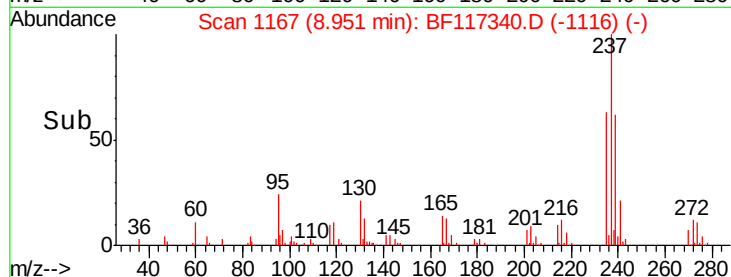
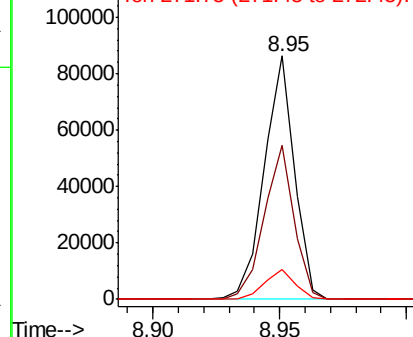
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.3	43.2	83.2	
272	12.1	0.0	31.9	

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

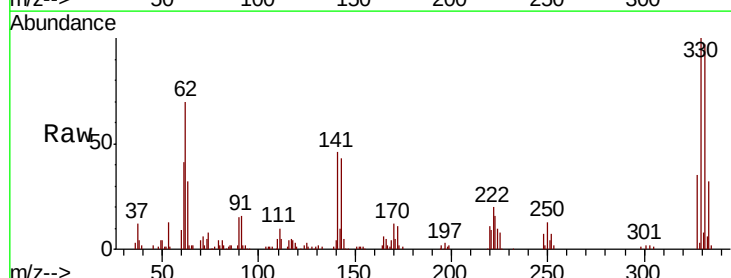


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

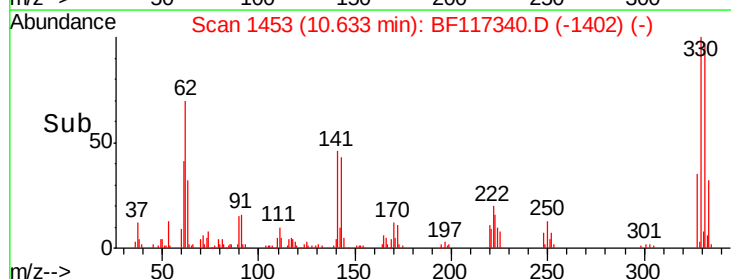
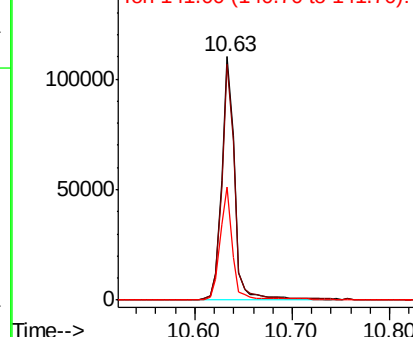


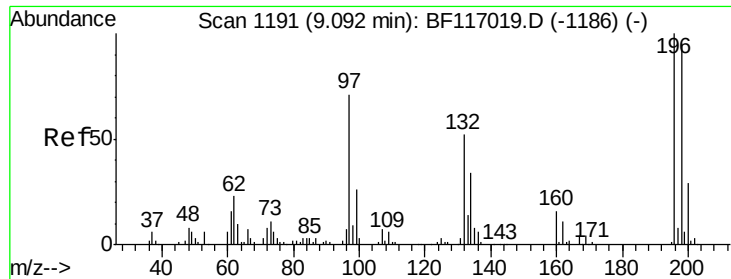
#42
2,4,6-Tribromophenol
Concen: 110.745 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	78.0	117.0	
141	44.5	35.8	53.6	



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





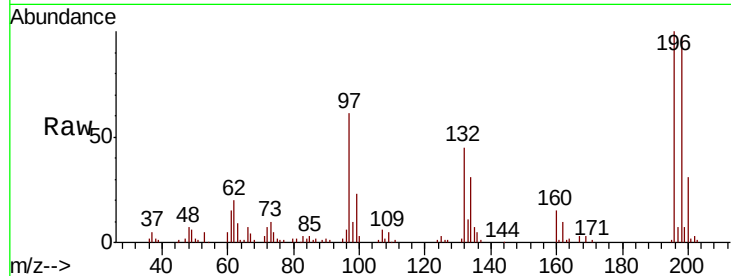
#43
 2,4,6-Trichlorophenol
 Concen: 37.707 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72552		
198	97.4	75.7	113.5	
200	31.0	23.3	34.9	

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM

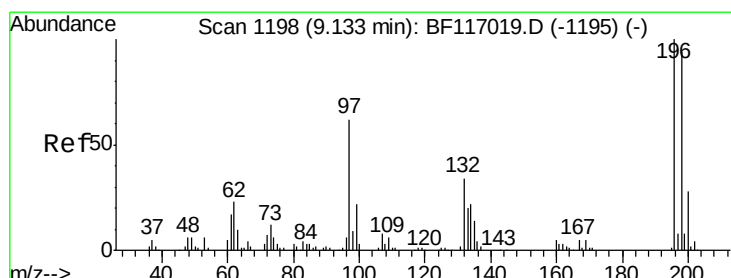
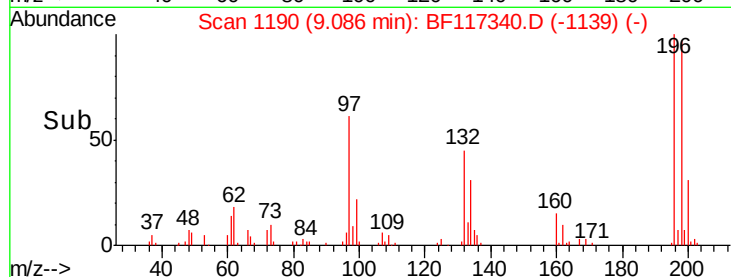
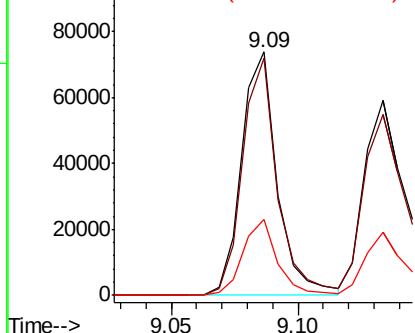


Abundance

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: 37.759 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77624		
198	92.7	74.6	112.0	
97	57.1	49.5	74.3	
132	32.3	27.4	41.2	

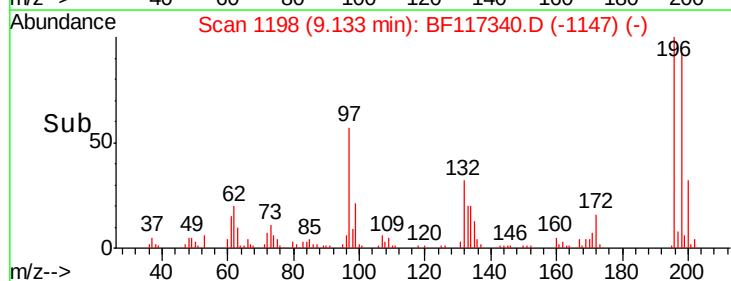
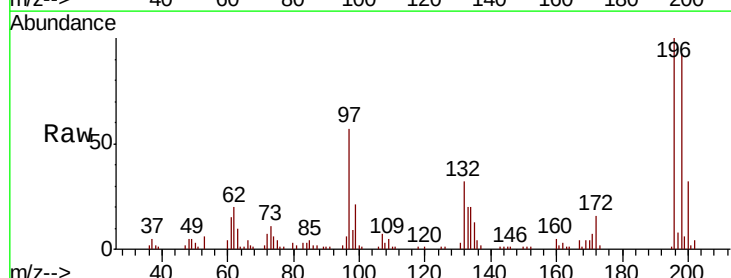
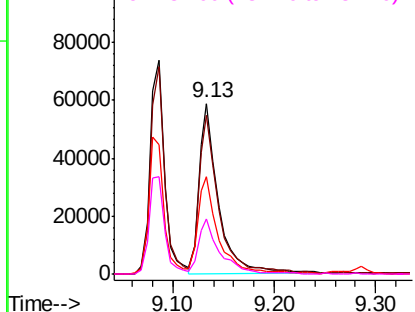
Abundance

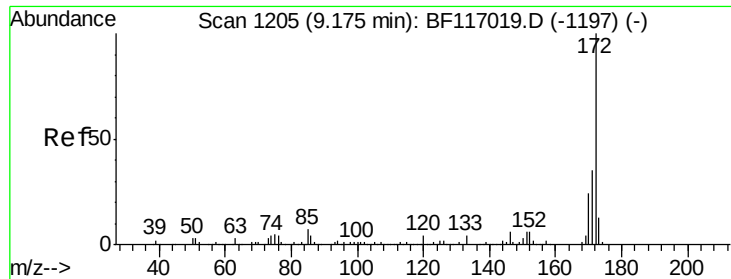
Ion 196.00 (195.70 to 196.70): E

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





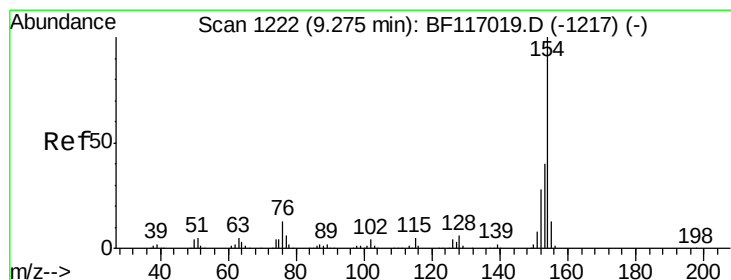
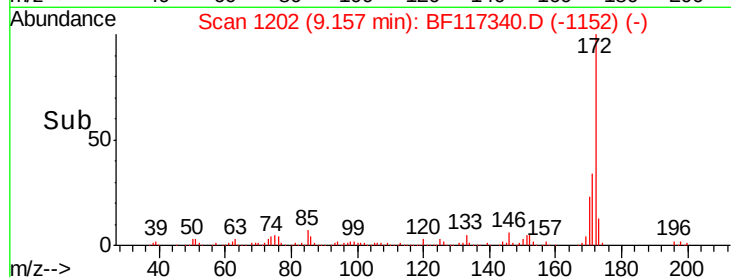
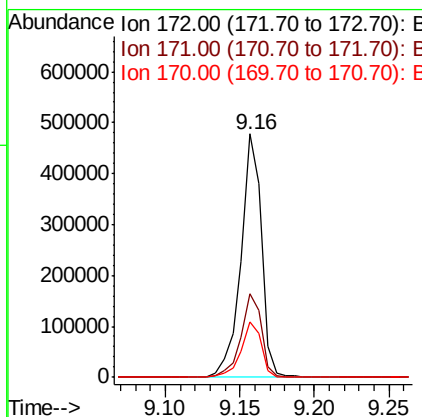
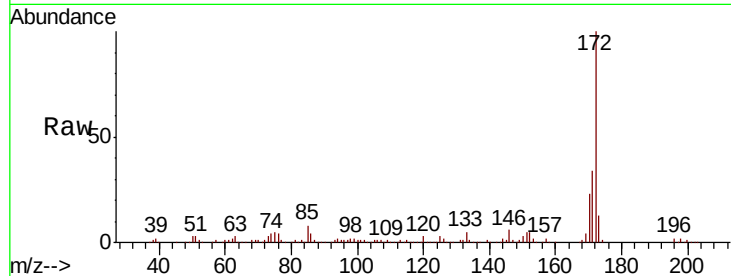
#45
2-Fluorobiphenyl
Concen: 65.444 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	28.2	42.2	
170	22.5	18.9	28.3	

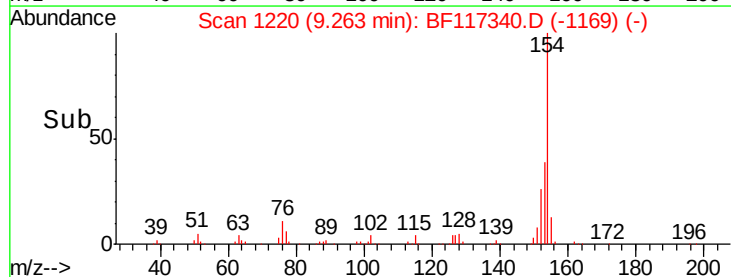
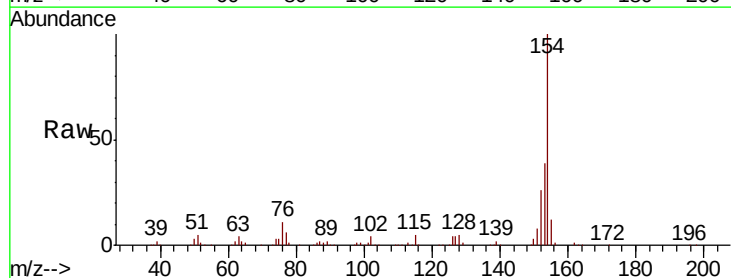
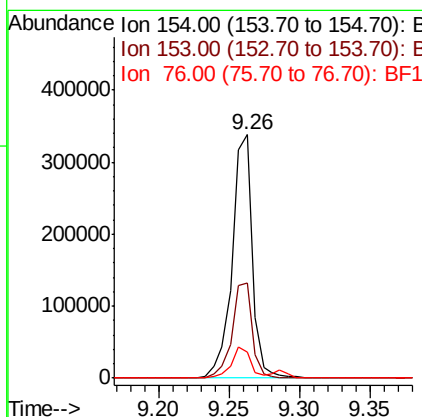
Manual Integrations
APPROVED

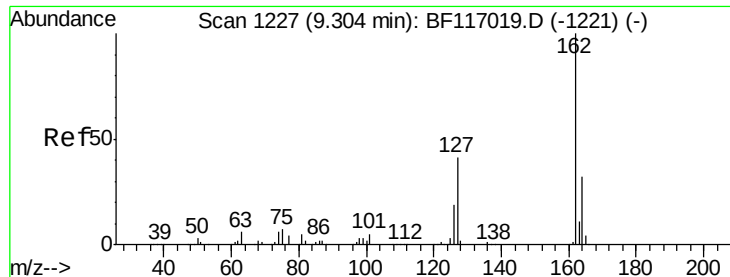
mohammad
10/11/2019 8:29:17 AM



#46
1,1'-Biphenyl
Concen: 39.233 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.2	20.0	60.0	
76	10.9	0.0	32.7	





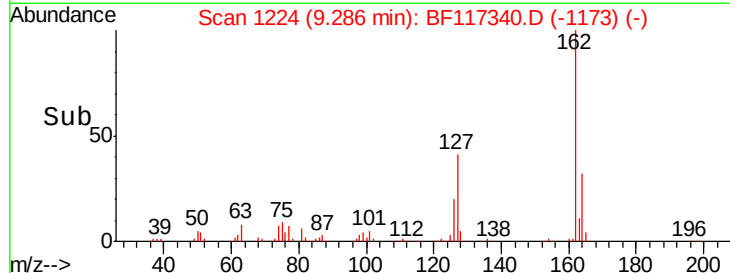
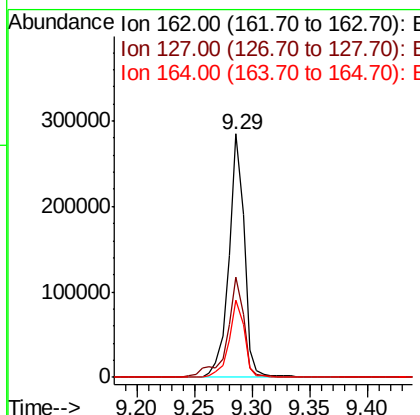
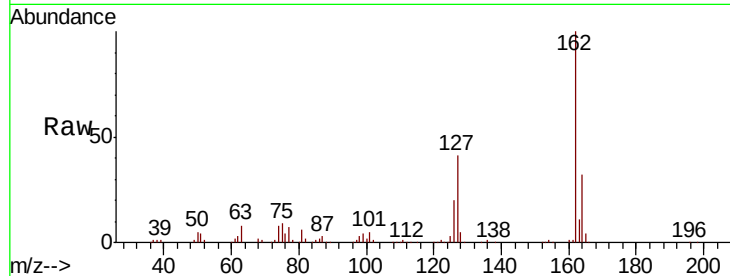
#47
 2-Chloronaphthalene
 Concen: 38.590 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.0	34.1	51.1
164	31.8	25.9	38.9

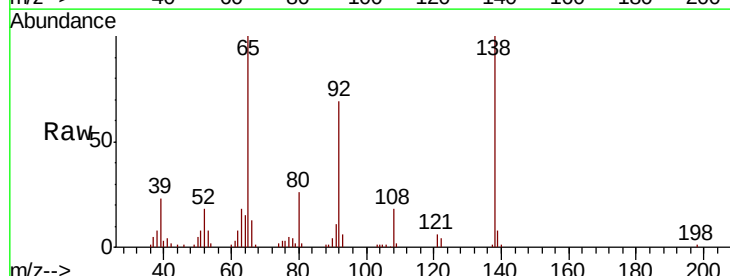
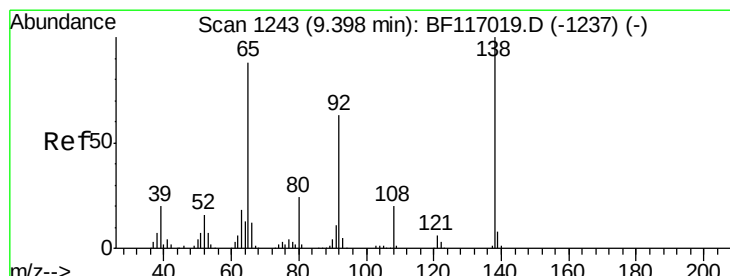
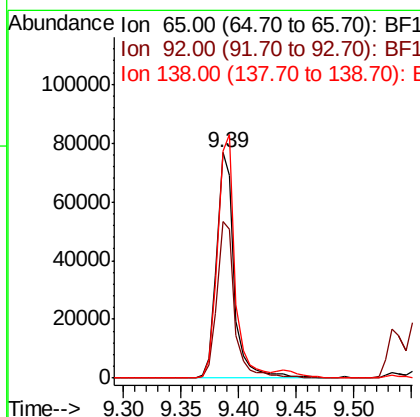
Manual Integrations
 APPROVED

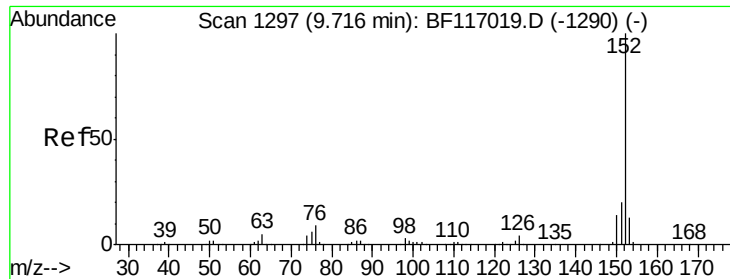
mohammad
 10/11/2019 8:29:17 AM



#48
 2-Nitroaniline
 Concen: 37.326 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.3	57.5	86.3
138	100.5	90.6	136.0





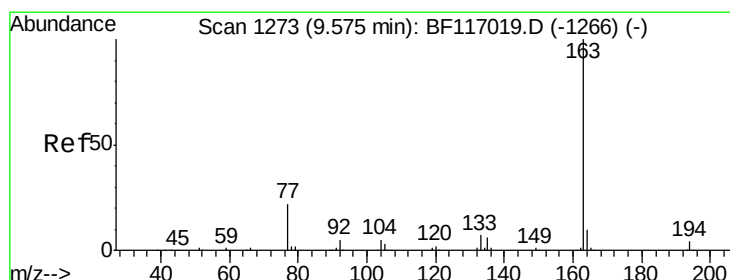
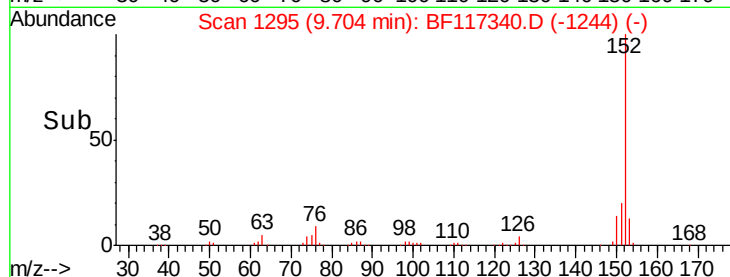
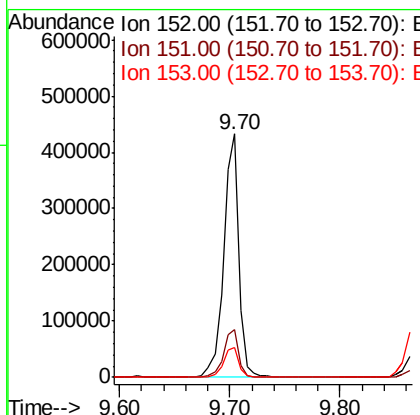
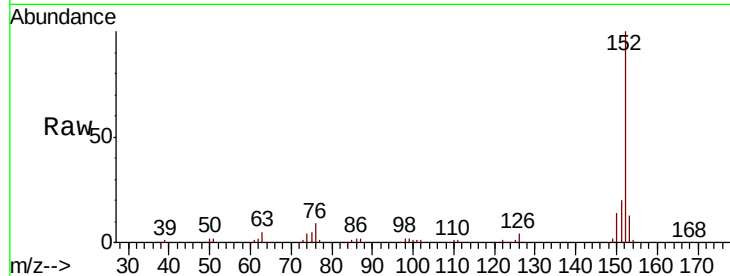
#49
Acenaphthylene
Concen: 40.432 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	411703		
151	19.5		16.2	24.2
153	12.5		10.2	15.4

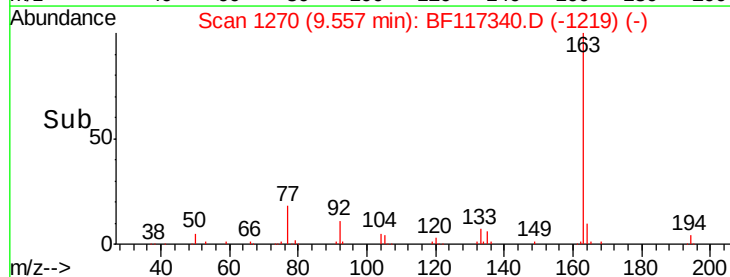
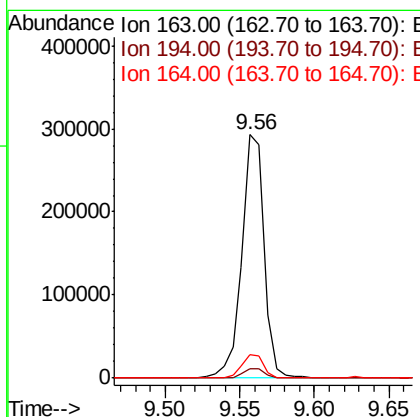
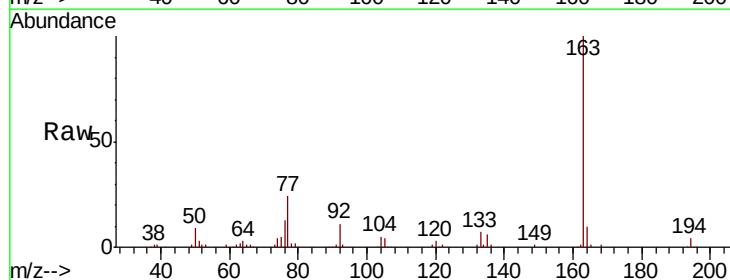
Manual Integrations
APPROVED

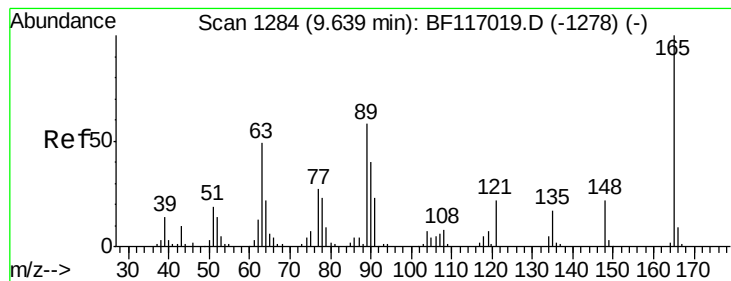
mohammad
10/11/2019 8:29:17 AM



#50
Dimethylphthalate
Concen: 39.053 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	303612		
194	3.7		2.9	4.3
164	9.9		8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 41.924 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Instrument :

BNA_F

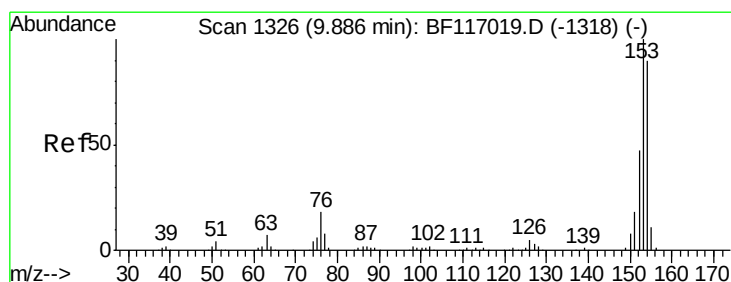
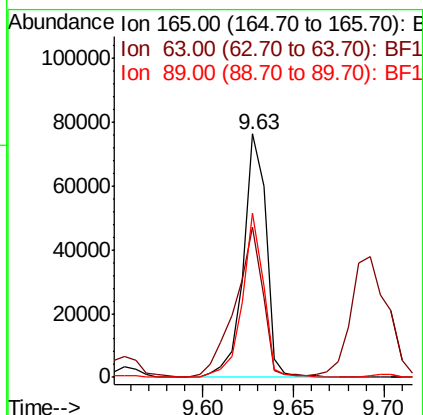
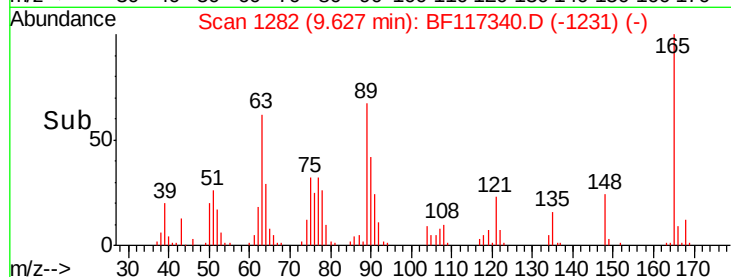
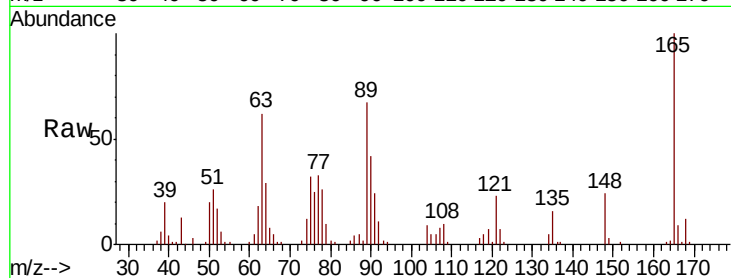
ClientSampleId :

PB123732BS

Tot Ion:	165	Resp:	66382
Ion Ratio	Lower	Upper	
165	100		
63	61.8	41.8	62.8
89	67.3	46.5	69.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM



#52

Acenaphthene

Concen: 39.968 ng

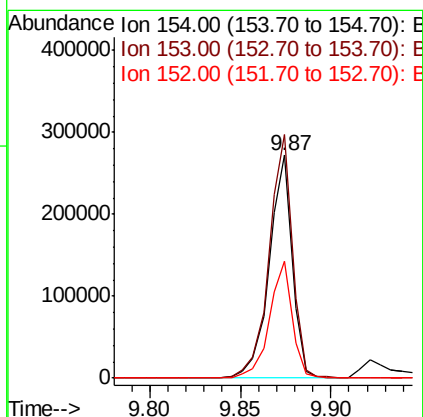
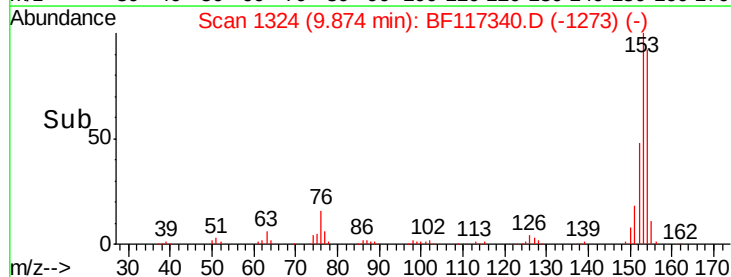
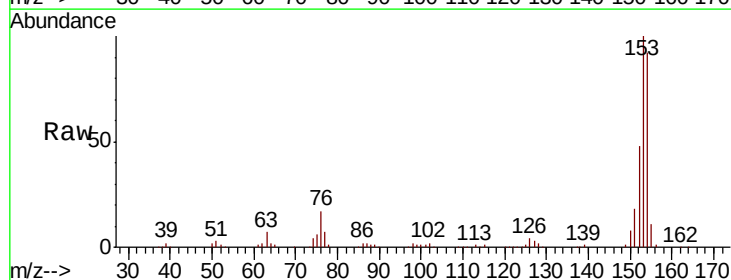
RT: 9.87 min Scan# 1324

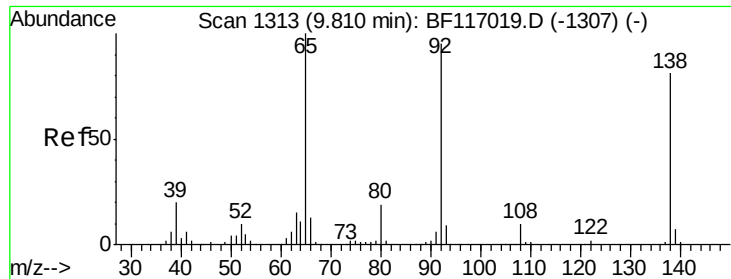
Delta R.T. 0.00 min

Lab File: BF117340.D

Acq: 8 Oct 2019 15:05

Tgt Ion:	154	Resp:	241252
Ion Ratio	Lower	Upper	
154	100		
153	109.3	89.0	133.6
152	52.2	41.9	62.9





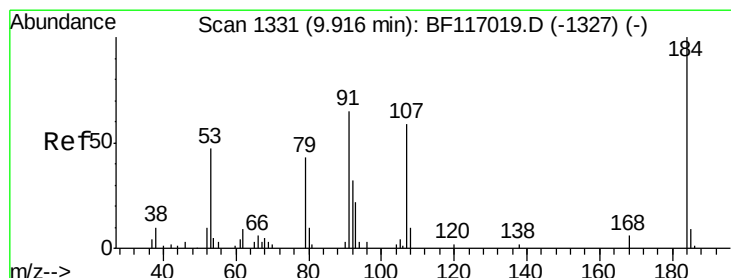
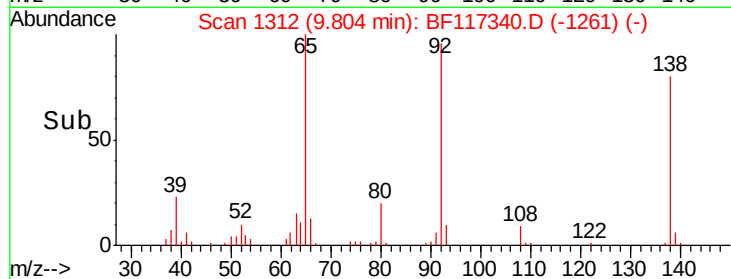
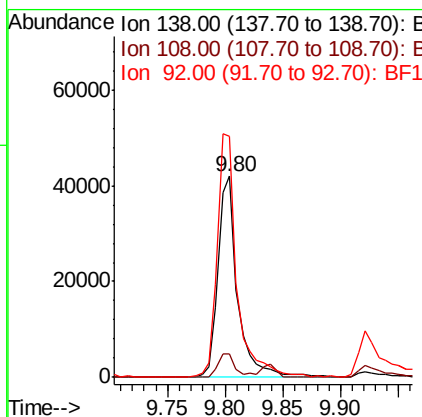
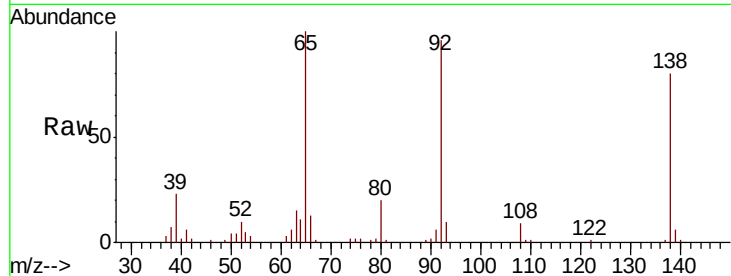
#53
3-Nitroaniline
Concen: 24.792 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.5	14.3
92	120.0	94.1	141.1

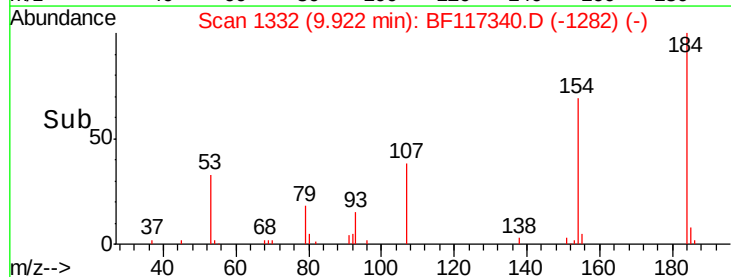
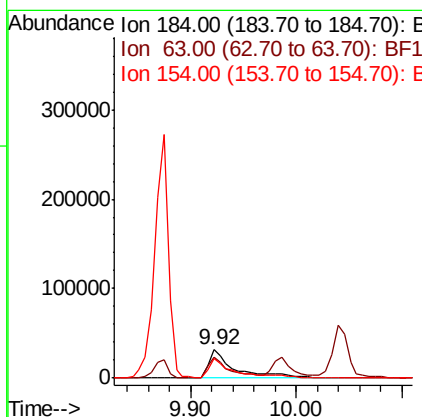
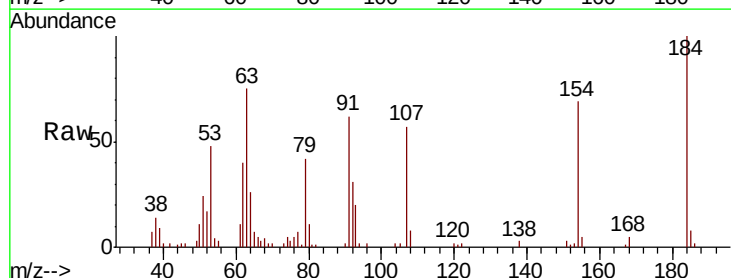
Manual Integrations
APPROVED

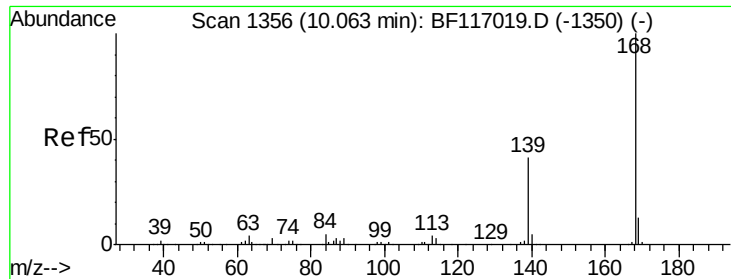
mohammad
10/11/2019 8:29:17 AM



#54
2,4-Dinitrophenol
Concen: 77.795 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.9	63.8	95.6
154	69.2	60.4	90.6





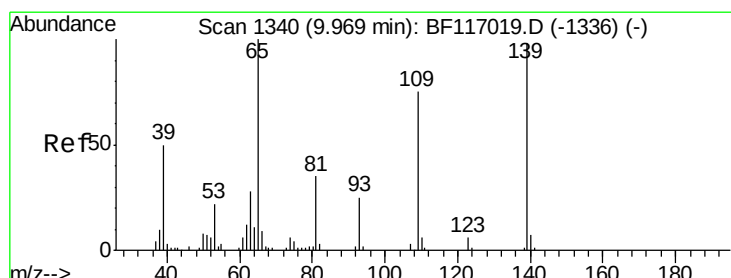
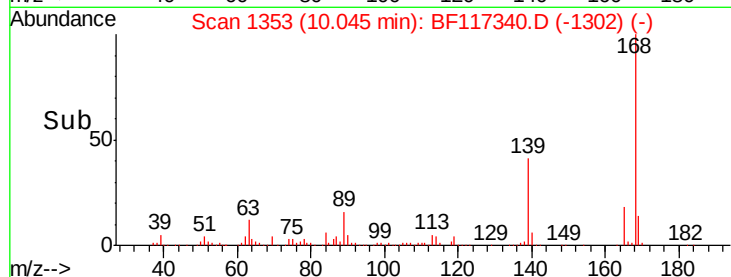
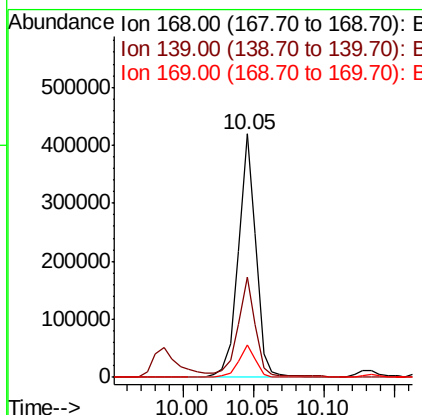
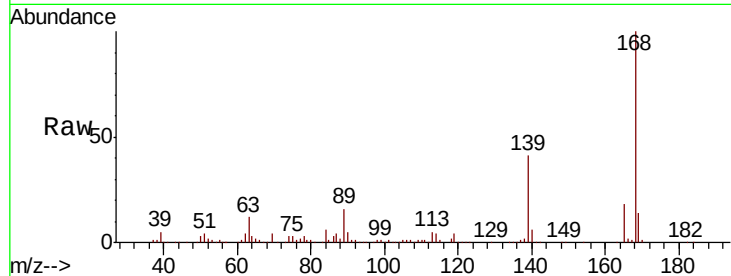
#55
Dibenzofuran
Concen: 40.689 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	362368		
139	41.1		32.8	49.2
169	13.5		10.5	15.7

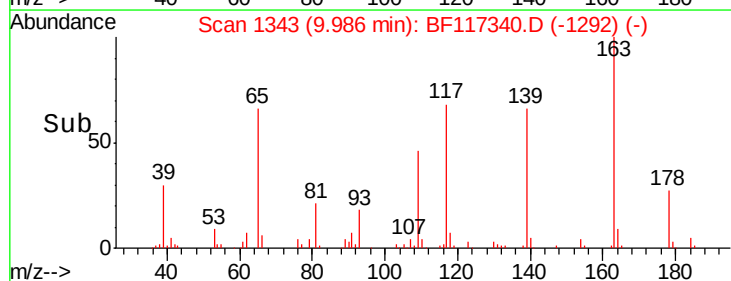
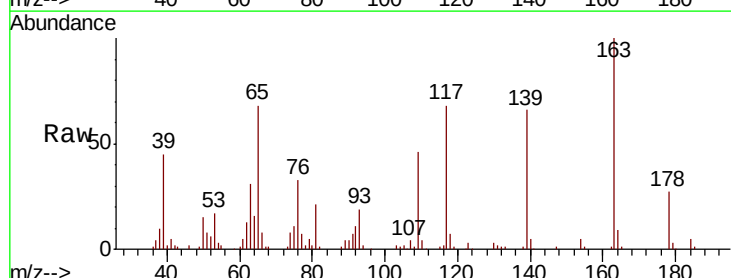
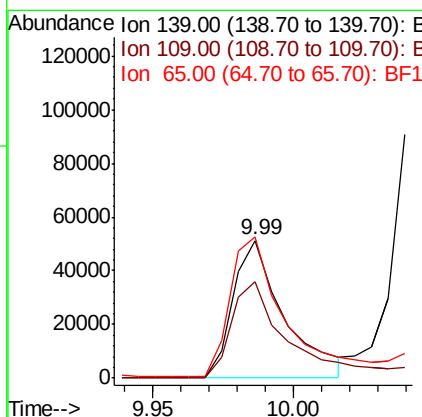
Manual Integrations
APPROVED

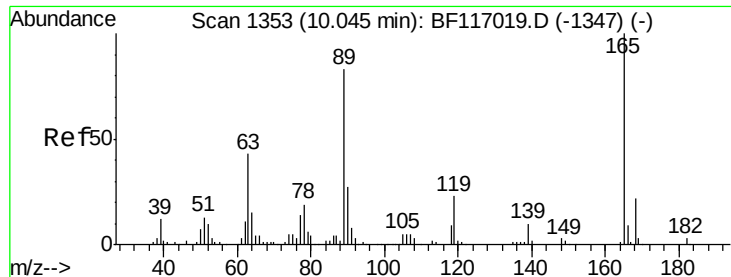
mohammad
10/11/2019 8:29:17 AM



#56
4-Nitrophenol
Concen: 49.716 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64371		
109	69.6		56.4	96.4
65	102.5		82.5	122.5





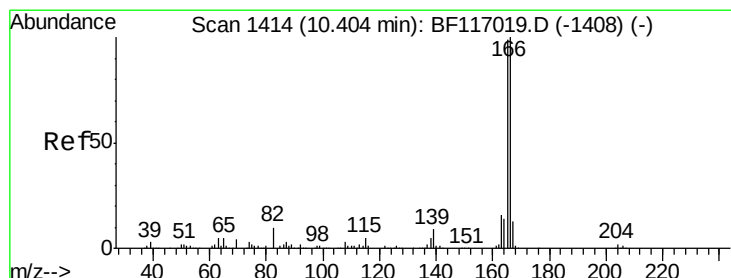
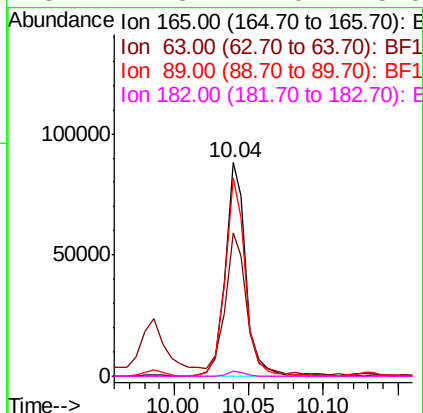
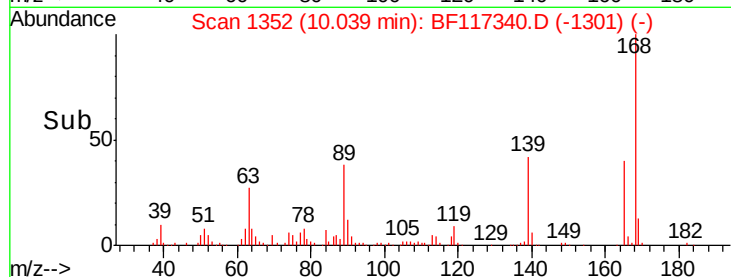
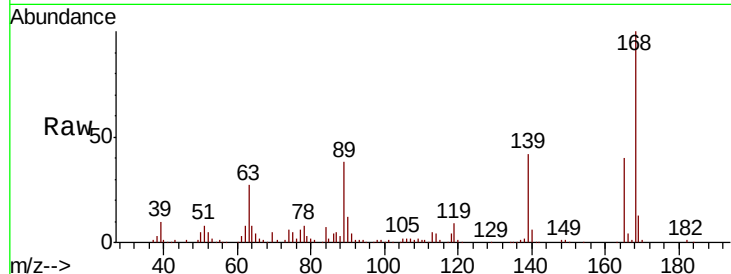
#57
2,4-Dinitrotoluene
Concen: 41.937 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.4	35.0	52.4
89	93.1	66.1	99.1
182	2.3	2.0	3.0

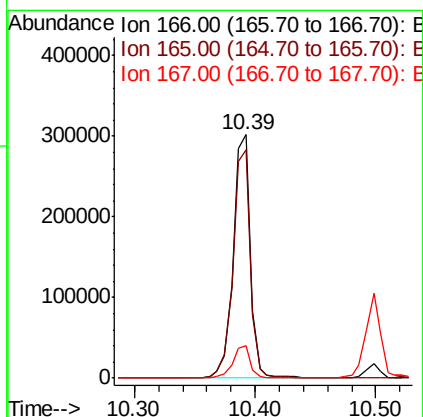
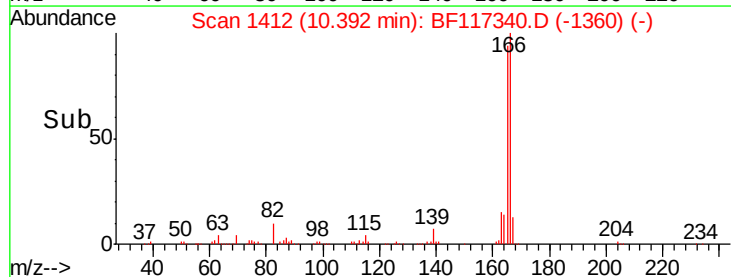
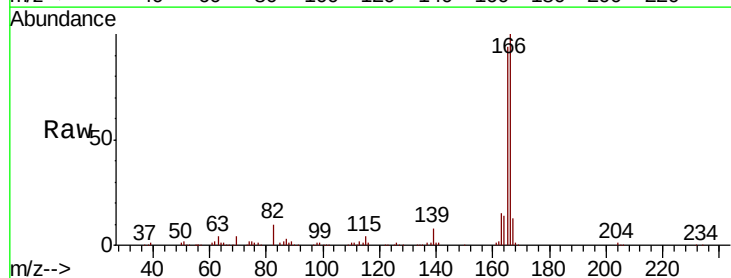
Manual Integrations
APPROVED

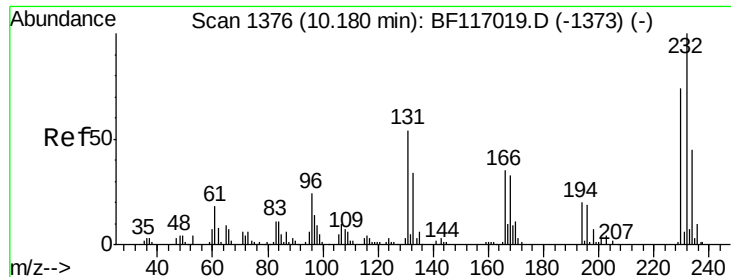
mohammad
10/11/2019 8:29:17 AM



#58
Fluorene
Concen: 41.893 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	78.9	118.3
167	13.2	10.6	15.8





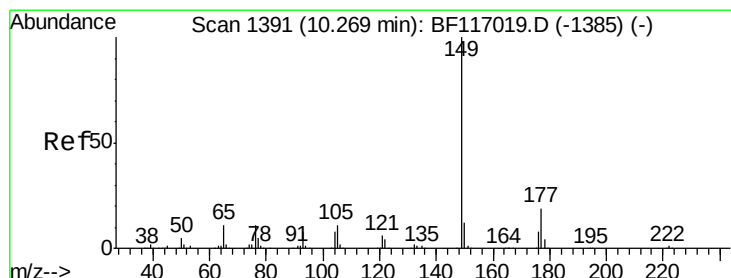
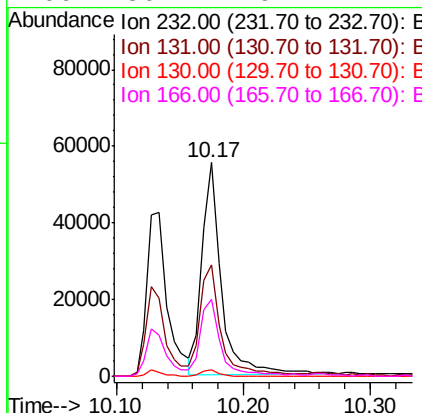
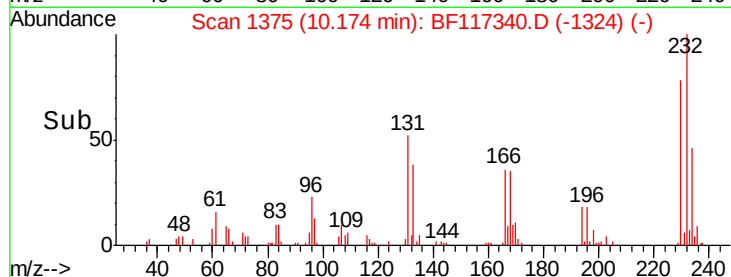
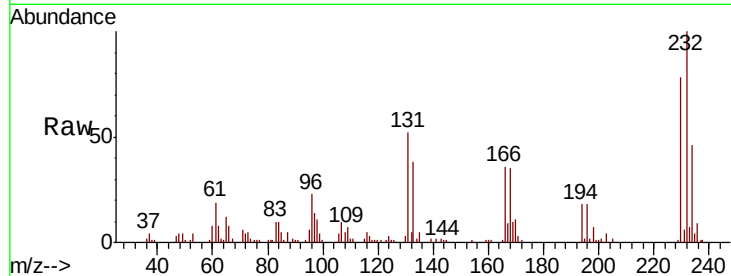
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.665 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	45.3	67.9
130	2.5	1.8	2.8
166	36.2	29.4	44.2

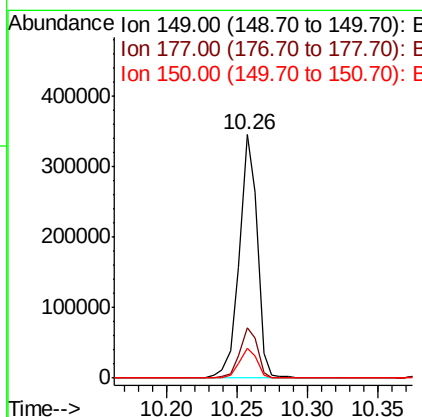
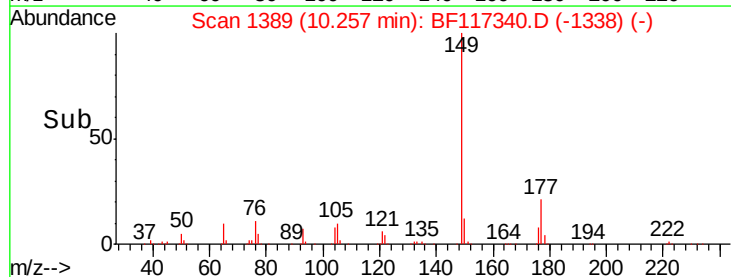
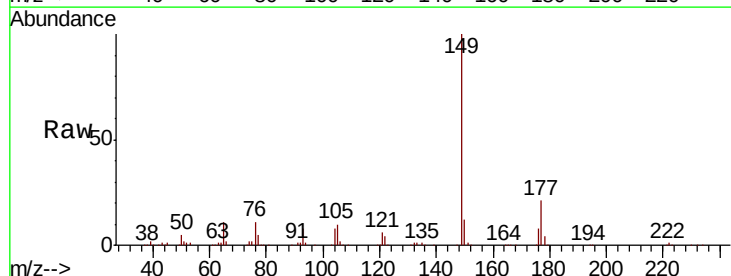
Manual Integrations
 APPROVED

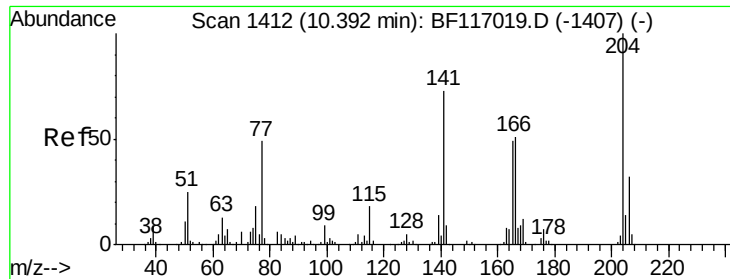
mohammad
 10/11/2019 8:29:17 AM



#60
 Diethylphthalate
 Concen: 40.029 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	15.2	22.8
150	12.3	9.9	14.9





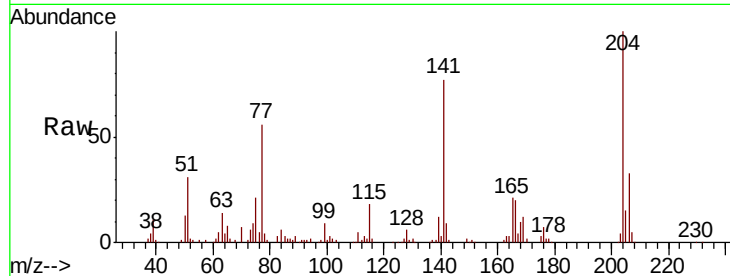
#61
4-Chlorophenyl-phenylether
Concen: 41.180 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	77.1	58.2	87.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

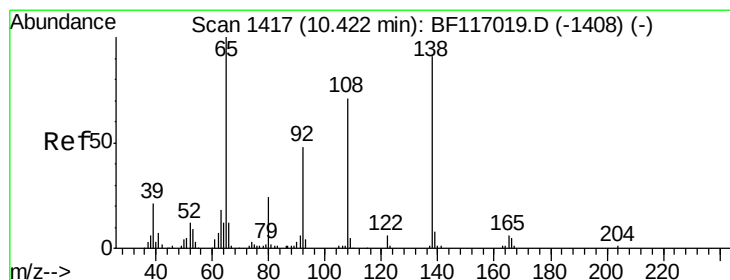
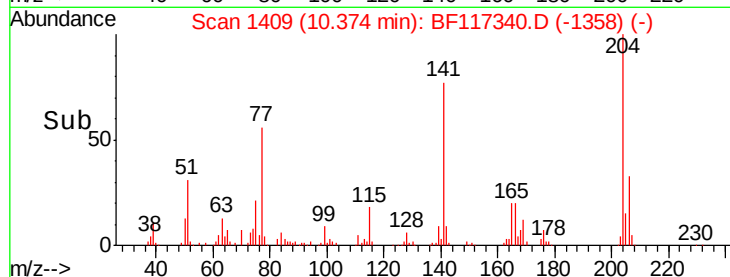
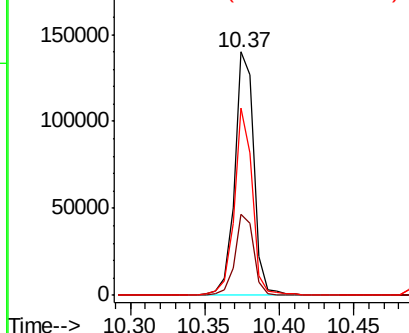


Abundance

Ion 204.00 (203.70 to 204.70): E

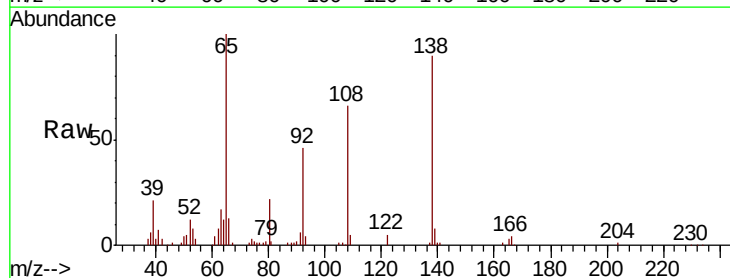
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.786 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	32.9	72.9
108	73.5	58.3	98.3

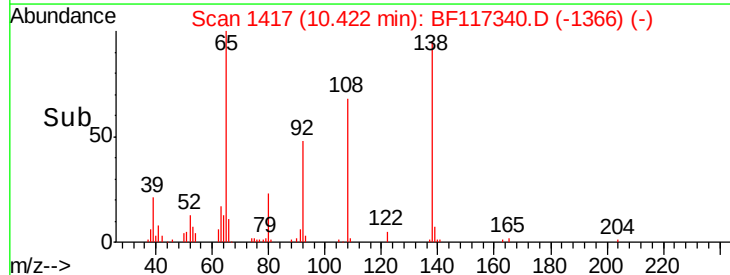
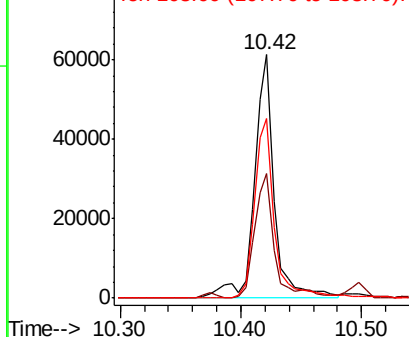


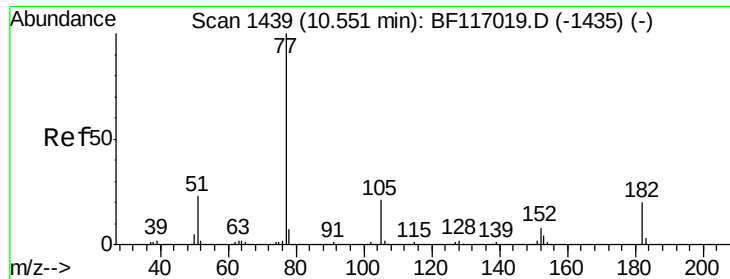
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





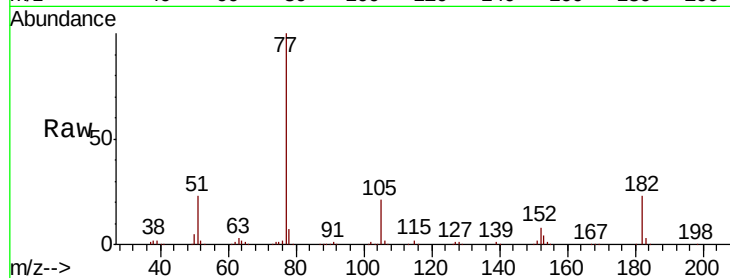
#63
Azobenzene
Concen: 41.534 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	0.4	40.4	
105	21.1	0.9	40.9	
51	22.8	2.8	42.8	

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM



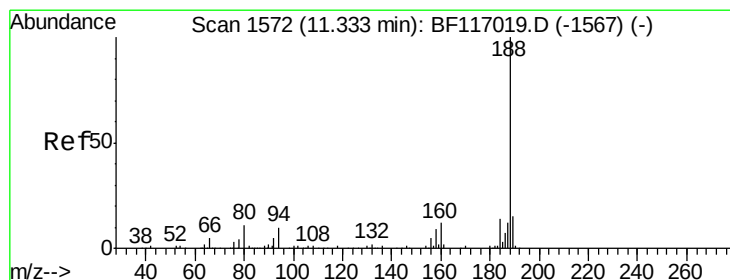
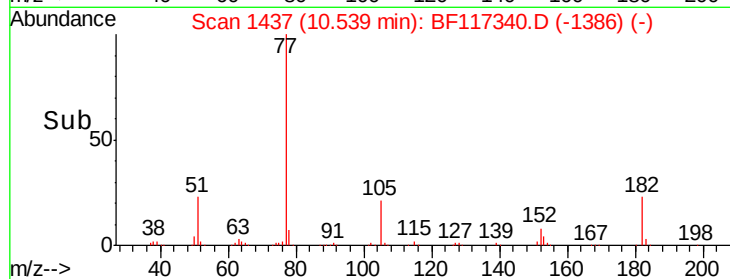
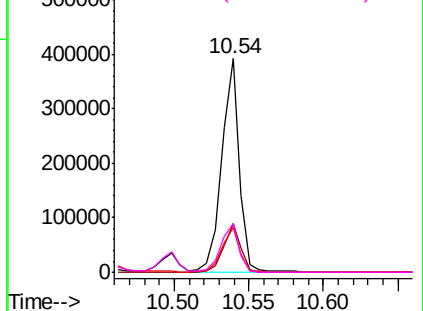
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

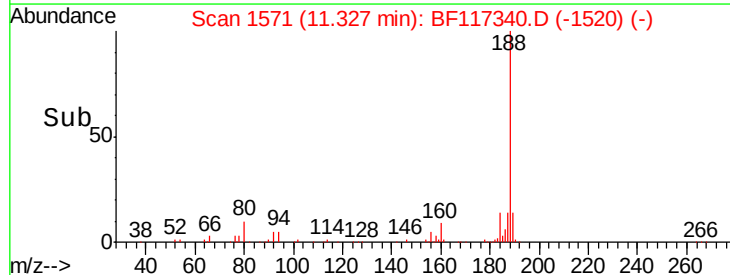
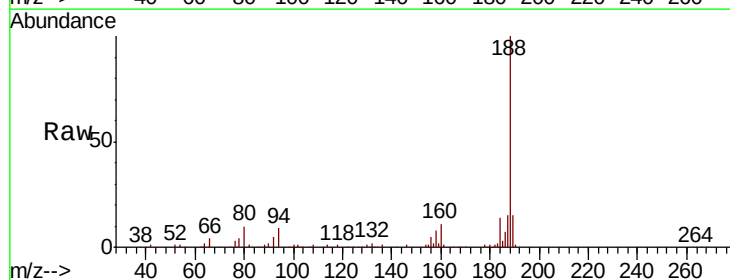
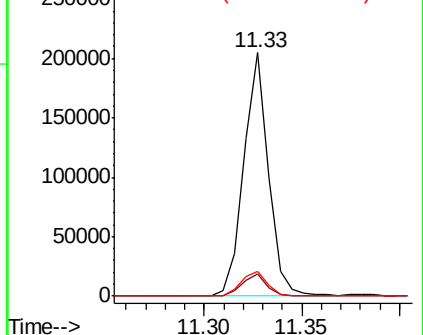
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	8.2	12.2	
80	10.4	9.0	13.6	

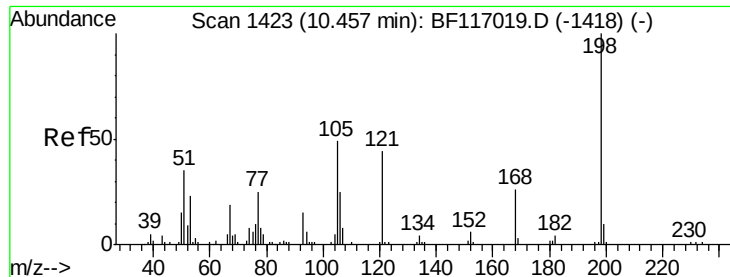
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





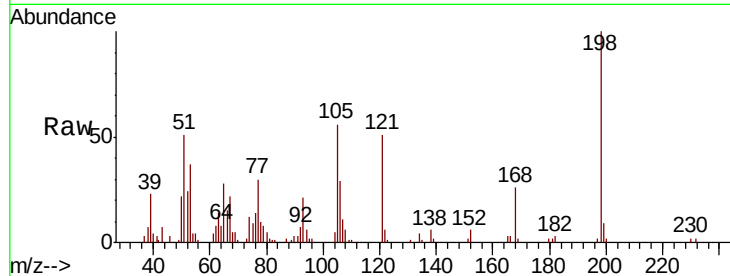
#65
4,6-Dinitro-2-methylphenol
Concen: 44.769 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampled :
PB123732BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.2	18.7	58.7
105	56.3	30.2	70.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

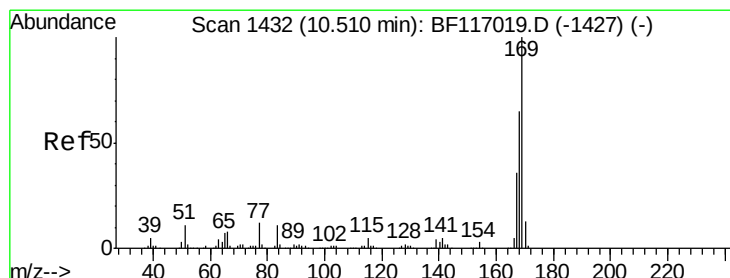
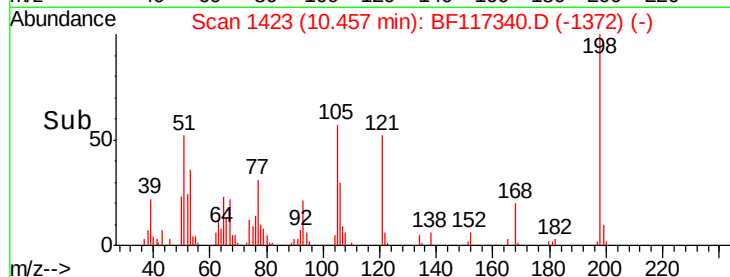
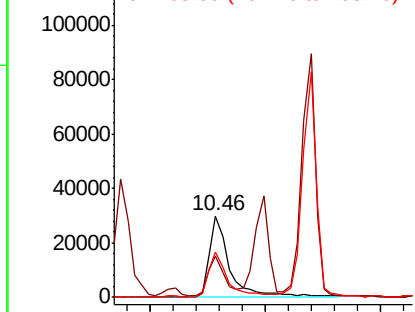


Abundance

Ion 198.00 (197.70 to 198.70): E

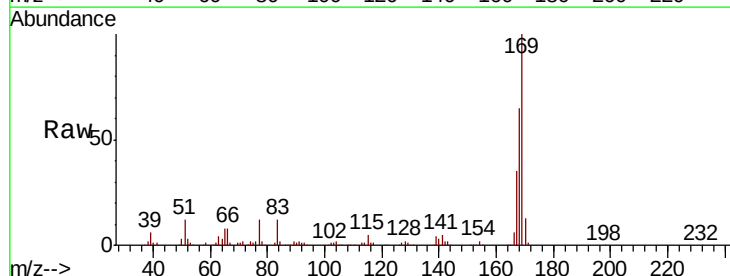
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.616 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.2	78.2
167	35.0	28.8	43.2

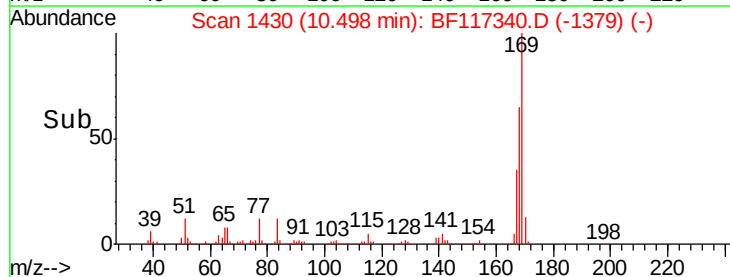
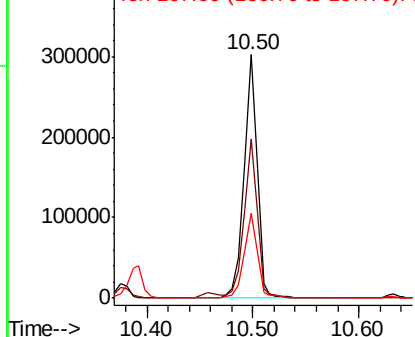


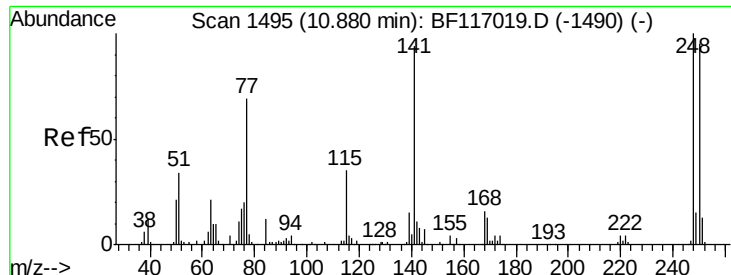
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





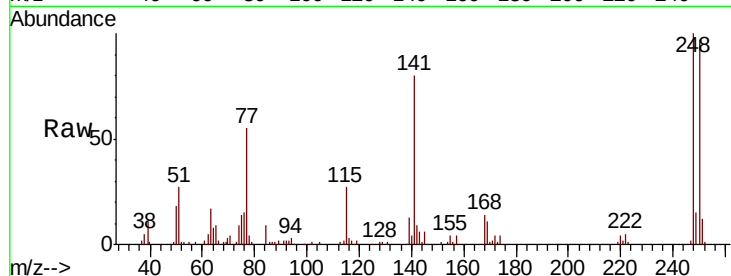
#67
 4-Bromophenyl-phenylether
 Concen: 39.722 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleID :
 PB123732BS

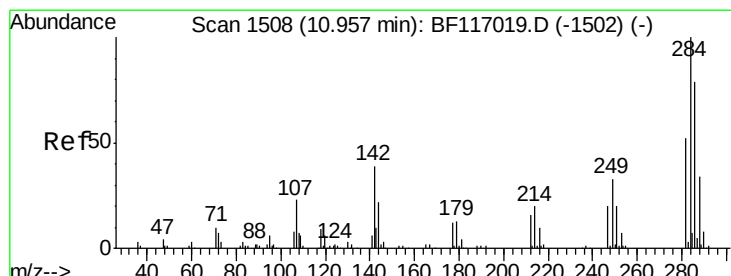
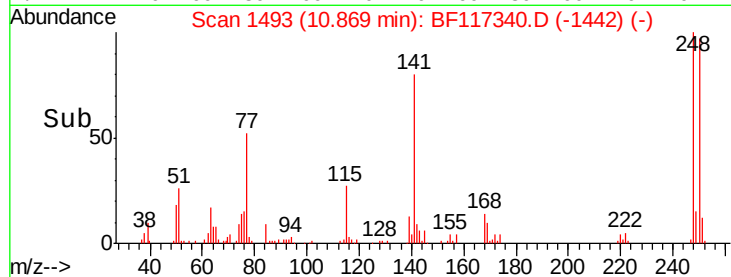
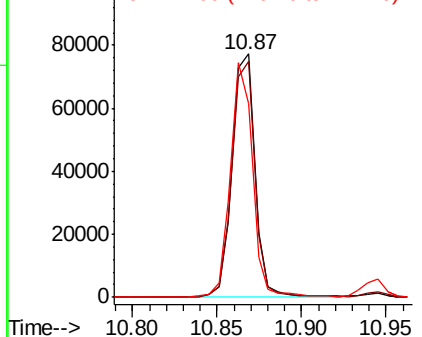
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.2	114.4
141	79.8	75.0	112.4

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM



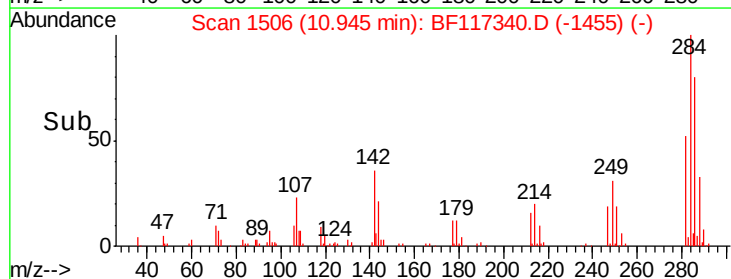
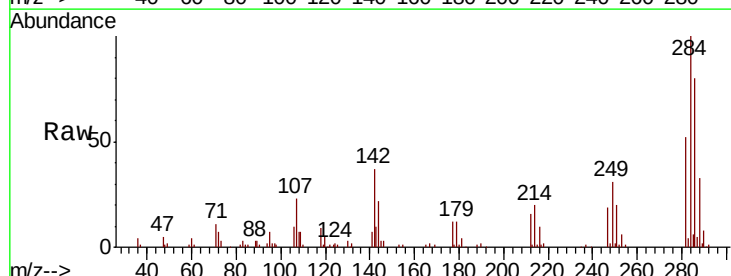
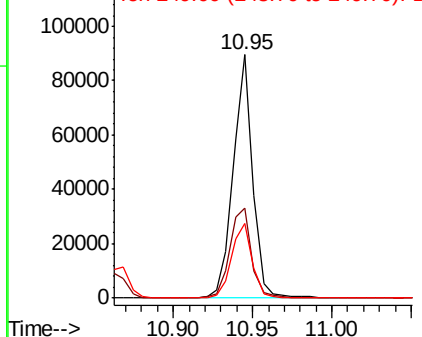
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

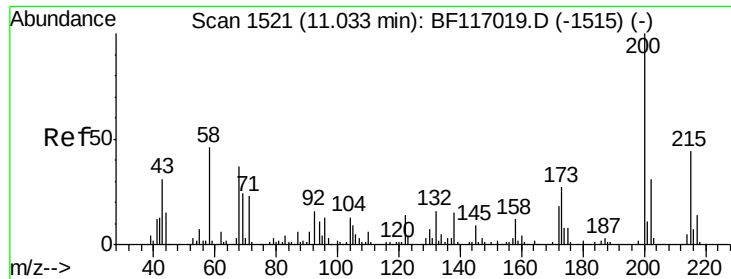


#68
 Hexachlorobenzene
 Concen: 38.007 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	31.4	47.2
249	30.8	26.5	39.7

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





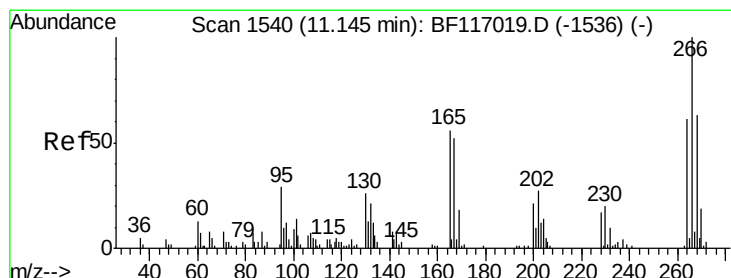
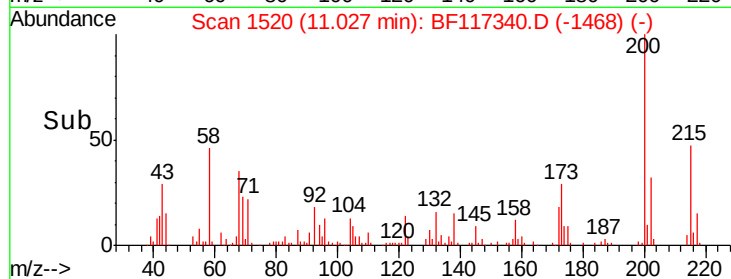
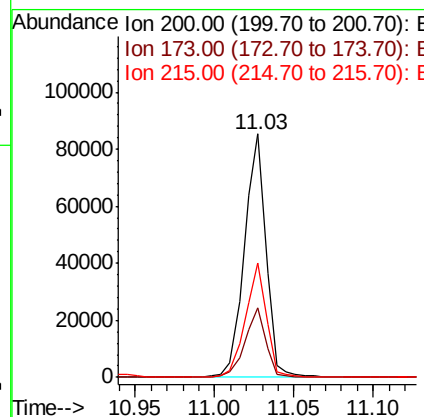
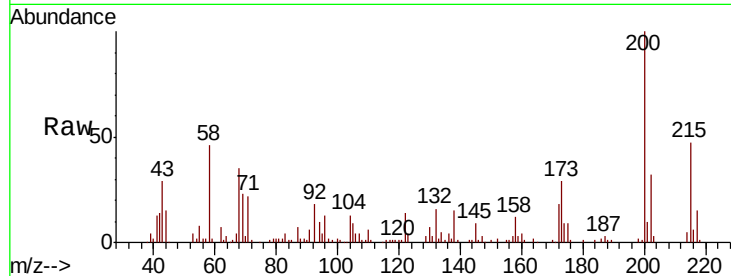
#69
Atrazine
Concen: 55.330 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.9	46.9
215	46.8	23.8	63.8

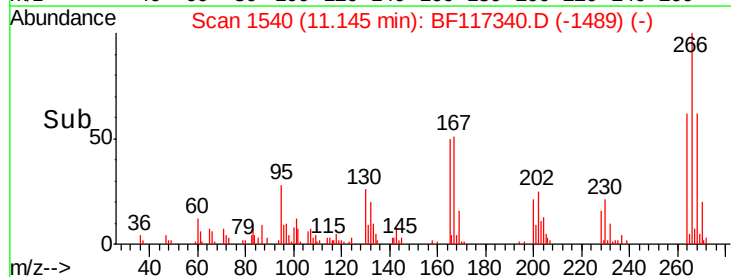
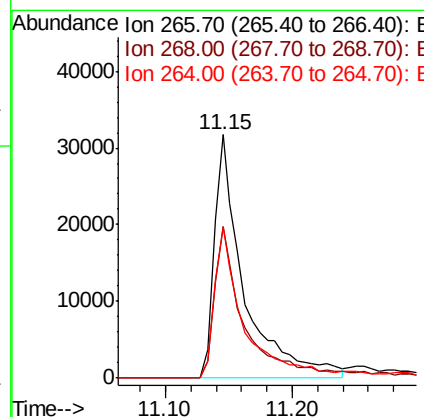
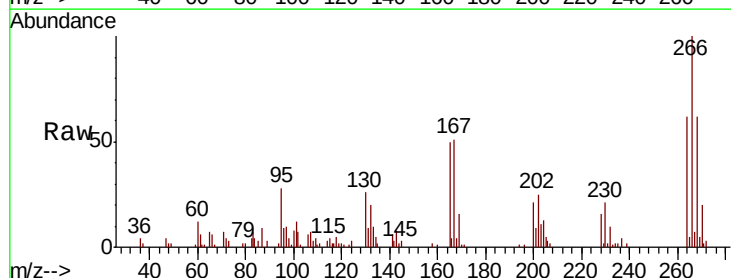
Manual Integrations
APPROVED

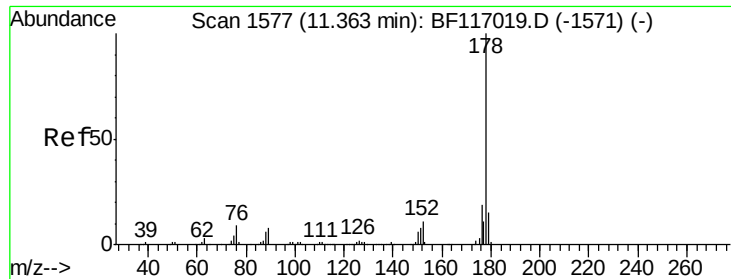
mohammad
10/11/2019 8:29:17 AM



#70
Pentachlorophenol
Concen: 55.203 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.5	75.7
264	62.2	48.8	73.2





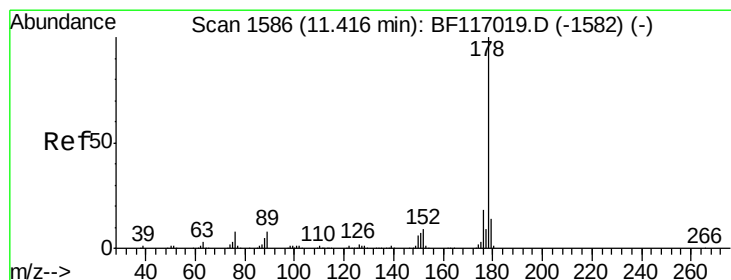
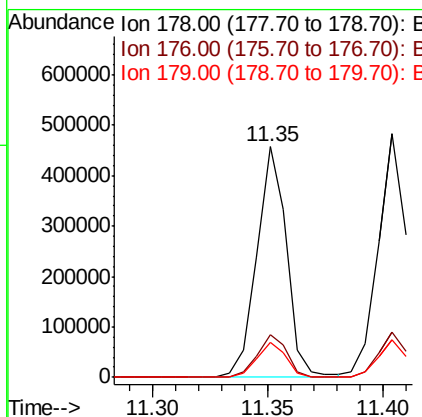
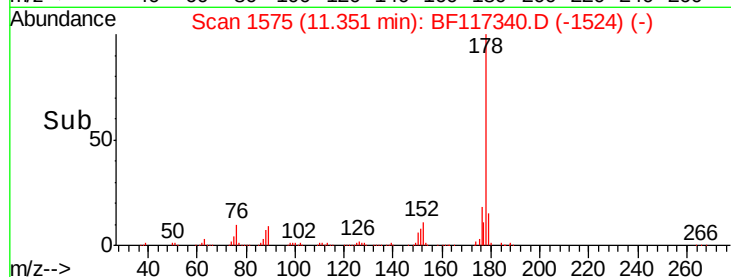
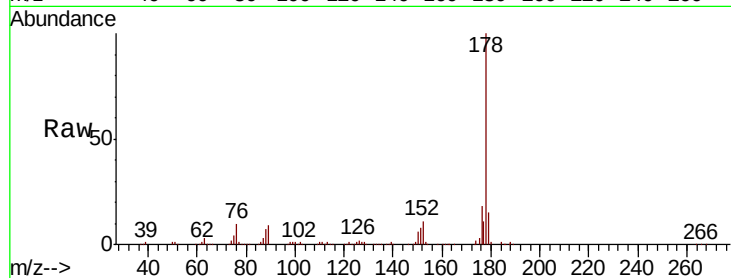
#71
Phenanthrene
Concen: 40.463 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.2	12.4	18.6

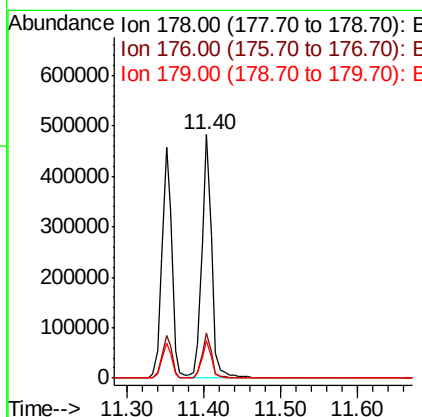
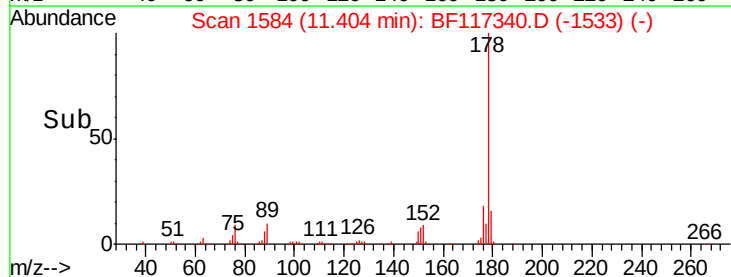
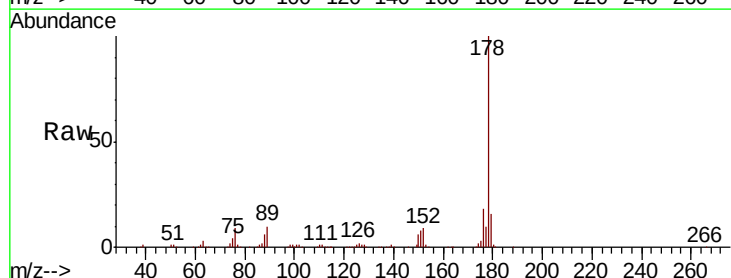
Manual Integrations
APPROVED

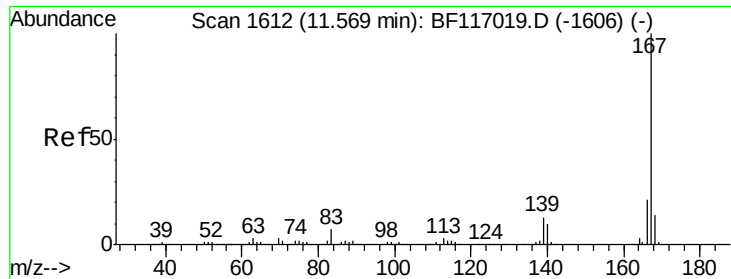
mohammad
10/11/2019 8:29:17 AM



#72
Anthracene
Concen: 41.499 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.6	11.6	17.4





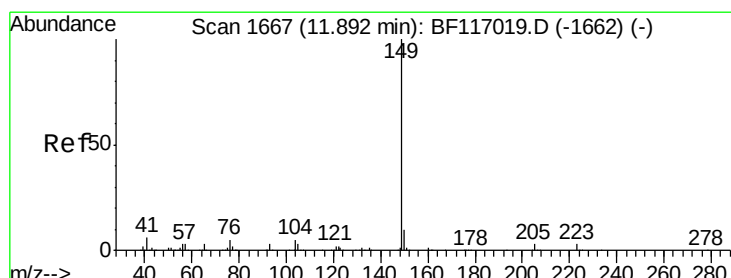
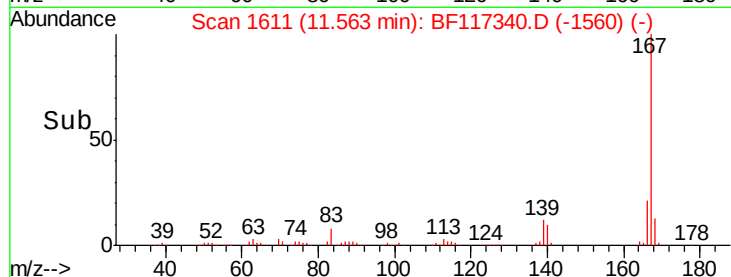
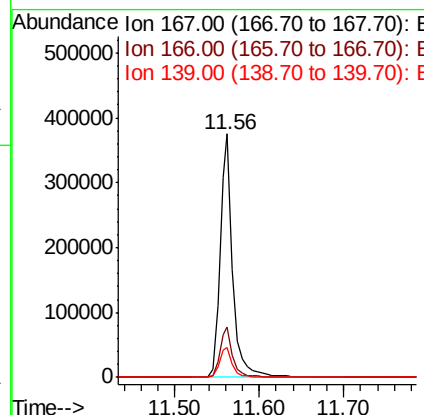
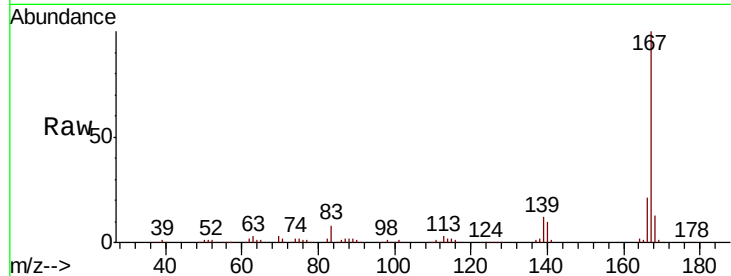
#73
 Carbazole
 Concen: 40.098 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		397141		
166	20.8		17.2	25.8	
139	12.4		10.6	16.0	

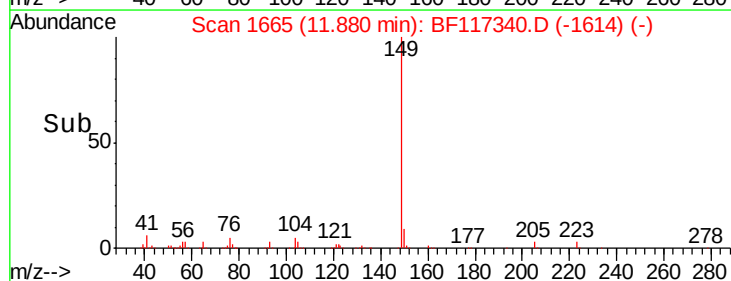
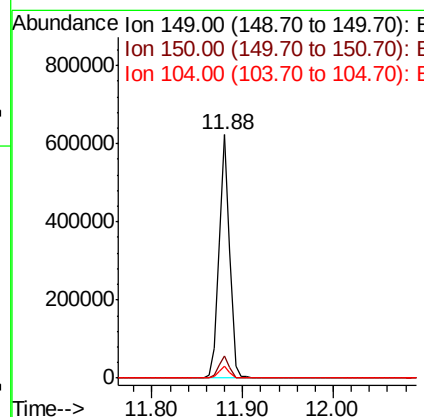
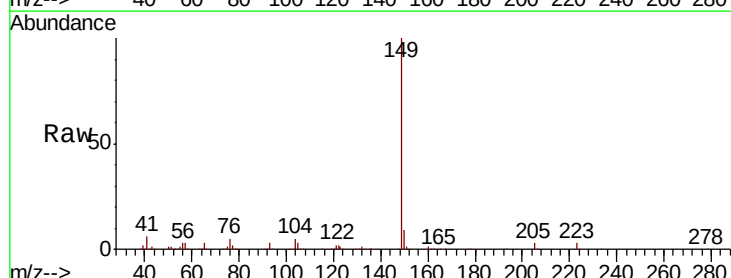
Manual Integrations
 APPROVED

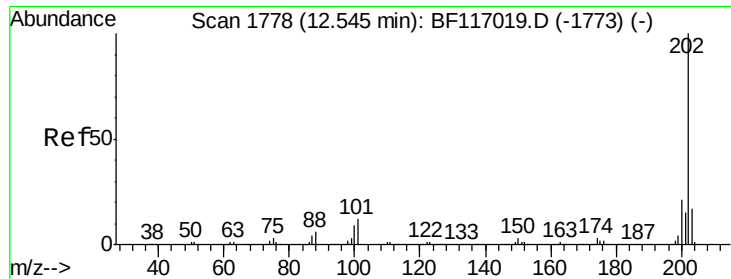
mohammad
 10/11/2019 8:29:17 AM



#74
 Di-n-butylphthalate
 Concen: 43.026 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		507013		
150	9.3		7.7	11.5	
104	4.9		4.2	6.4	





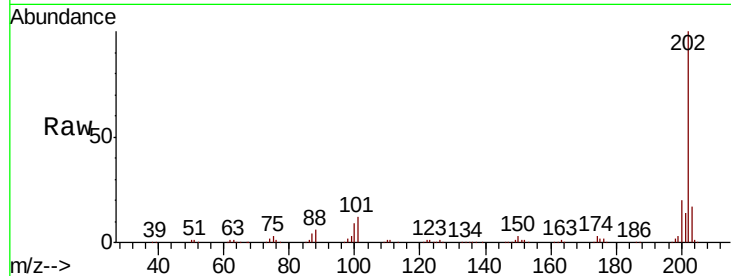
#75
Fluoranthene
 Concen: 40.504 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	32.3
203	17.3	0.0	37.1

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:17 AM

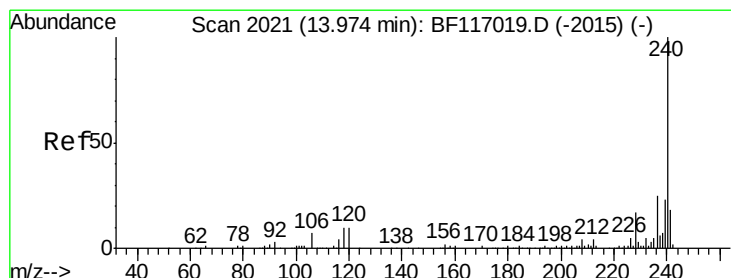
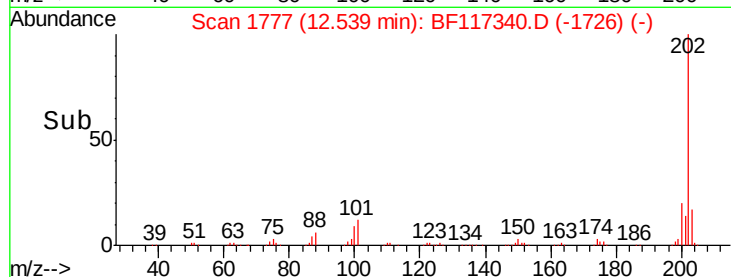
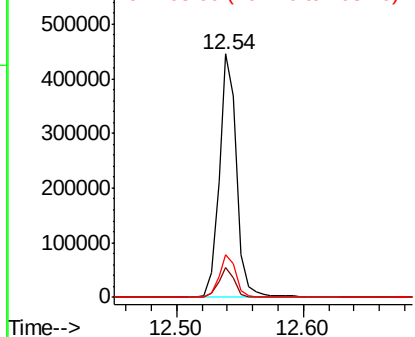


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

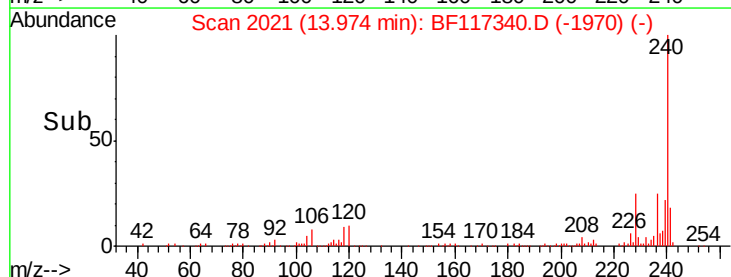
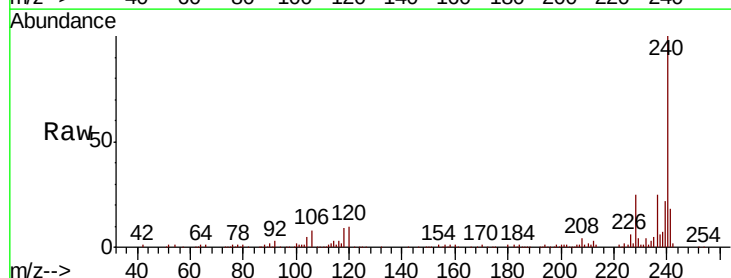
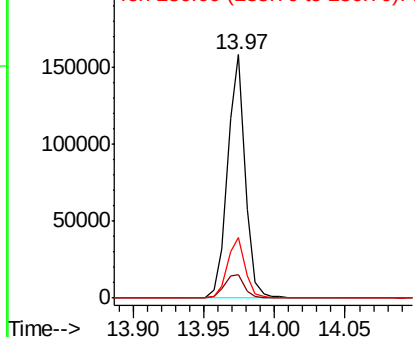
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	8.3	12.5
236	24.7	20.3	30.5

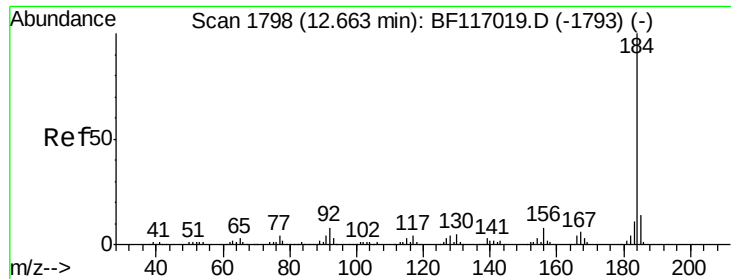
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





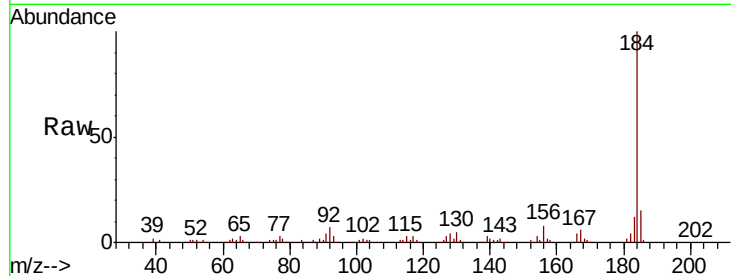
#77
Benzidine
Concen: 54.233 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.6	9.0	13.4

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

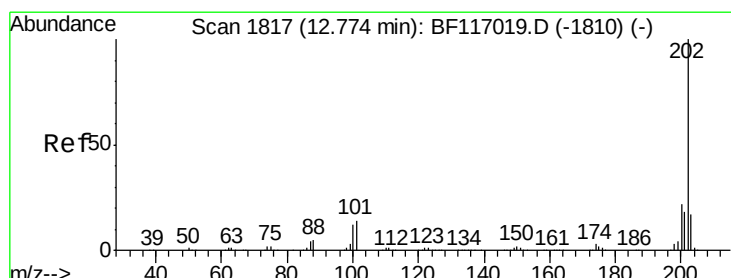
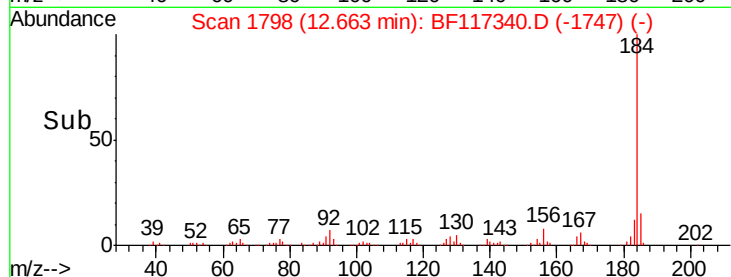
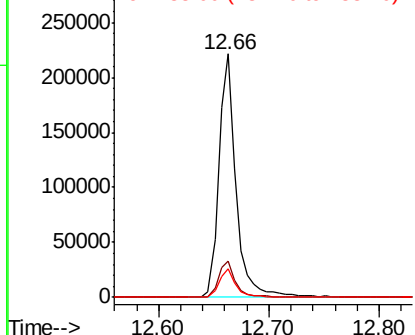


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 37.578 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

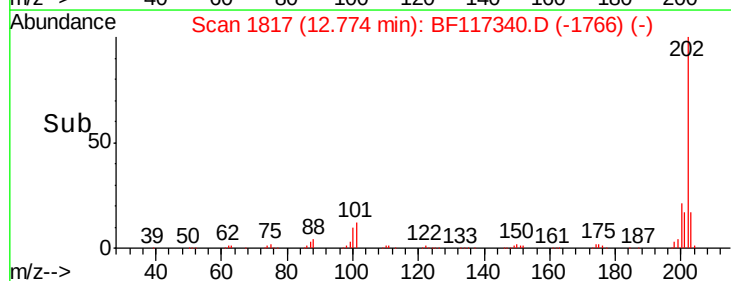
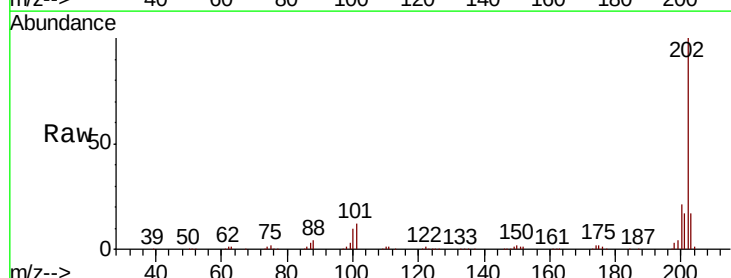
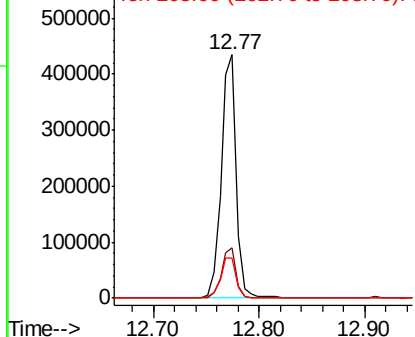
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	16.7	14.0	21.0

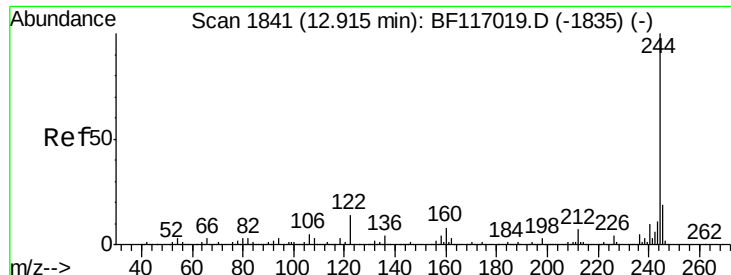
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





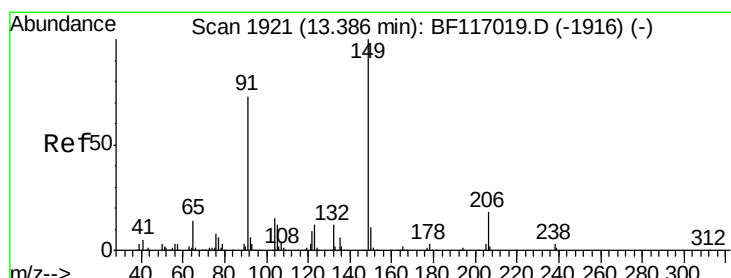
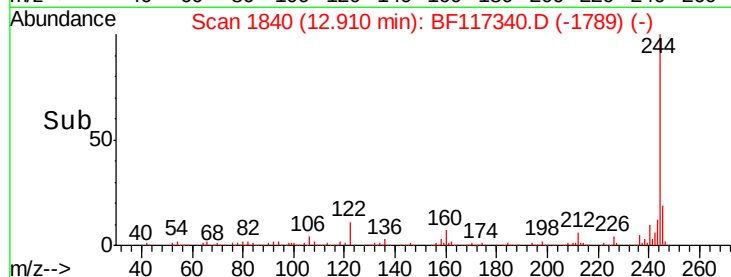
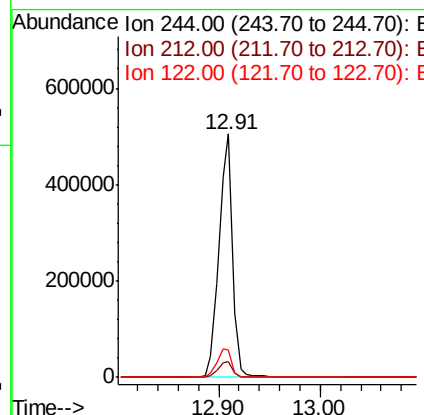
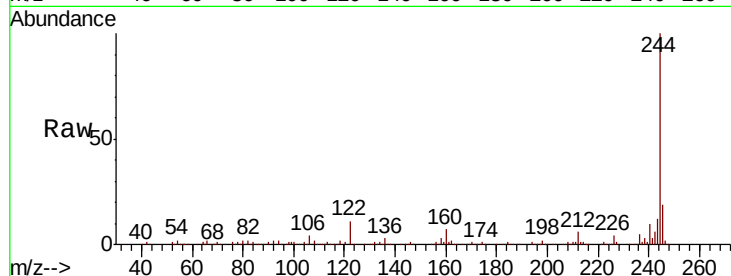
#79
 Terphenyl-d14
 Concen: 64.735 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB123732BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	11.1	11.3	16.9

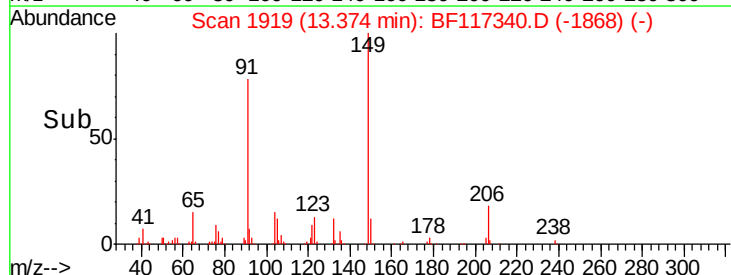
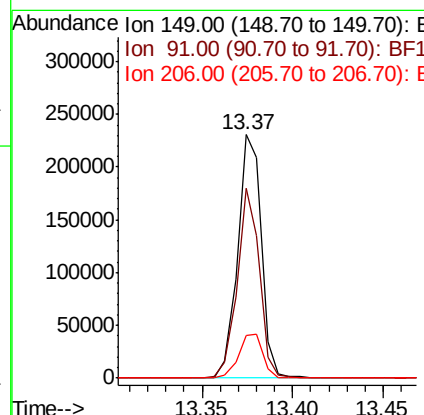
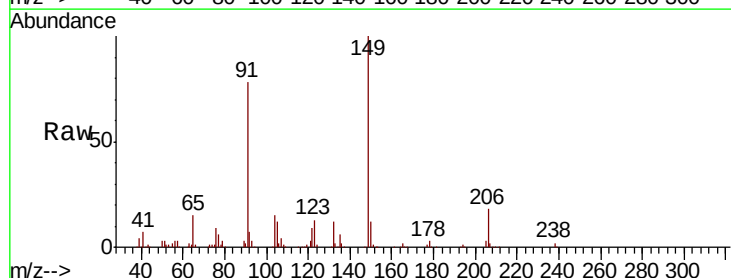
Manual Integrations
 APPROVED

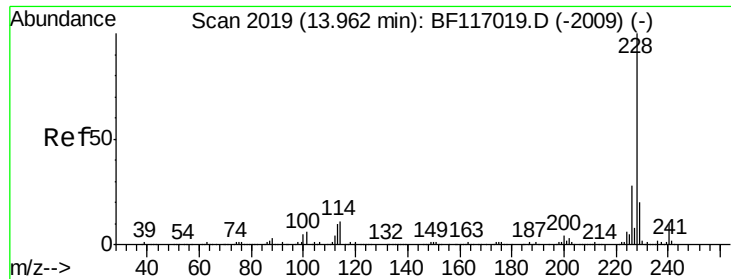
mohammad
 10/11/2019 8:29:17 AM



#80
 Butylbenzylphthalate
 Concen: 38.665 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117340.D
 Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.8	58.8	88.2
206	17.7	14.1	21.1





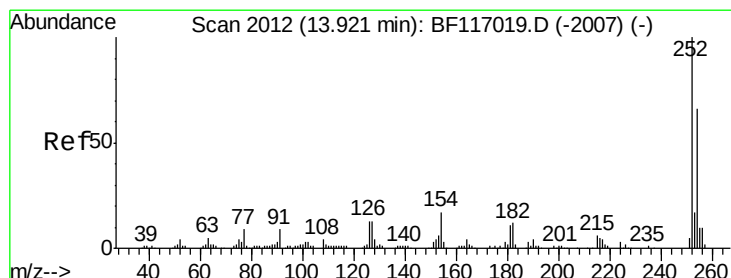
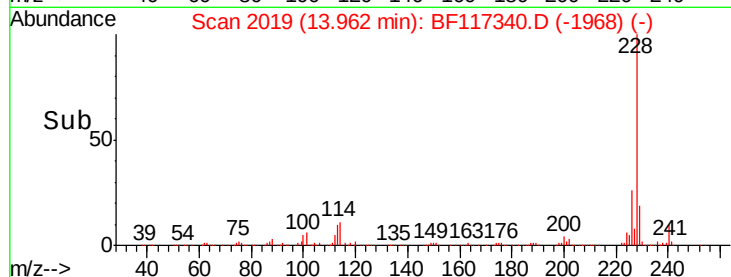
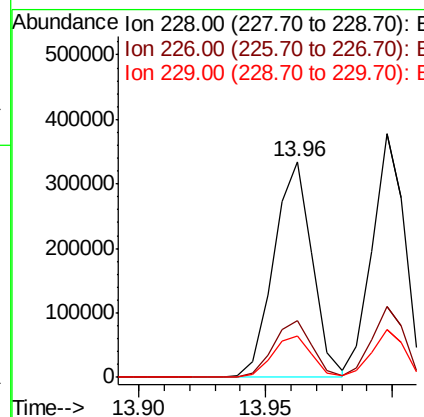
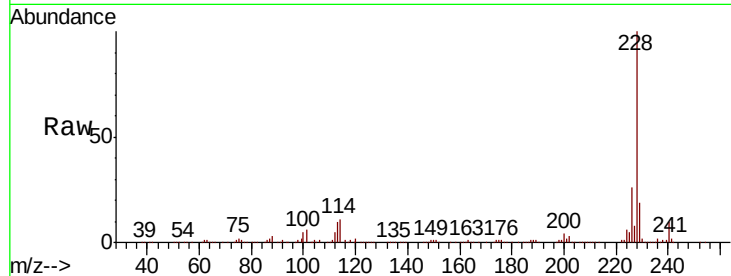
#81
Benzo(a)anthracene
Concen: 38.628 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.5	15.9	23.9

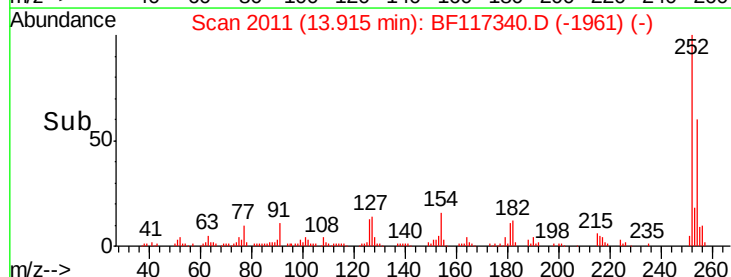
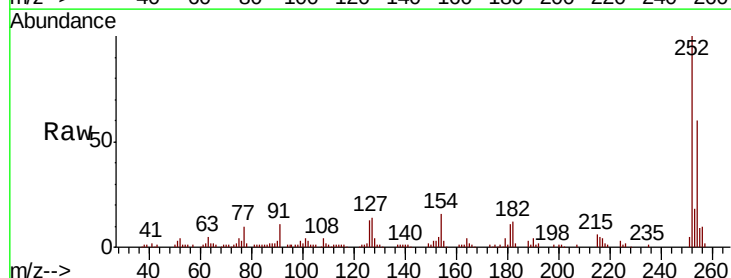
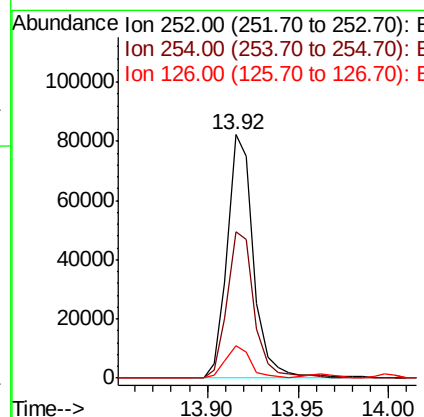
Manual Integrations
APPROVED

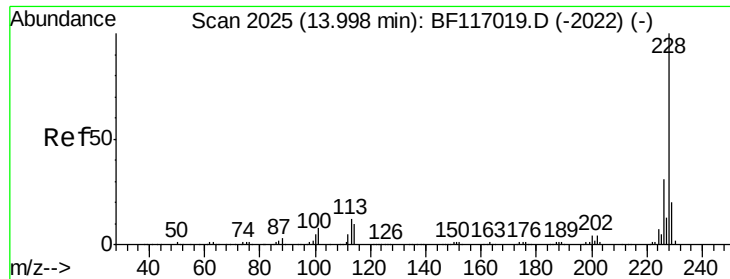
mohammad
10/11/2019 8:29:17 AM



#82
3,3'-Dichlorobenzidine
Concen: 28.290 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.3	52.6	79.0
126	13.4	10.4	15.6





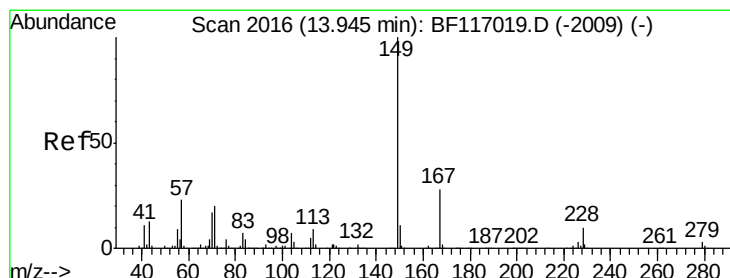
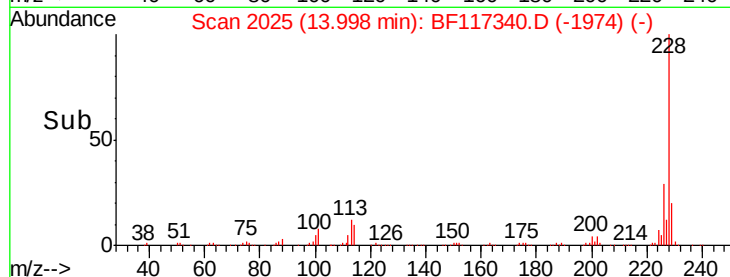
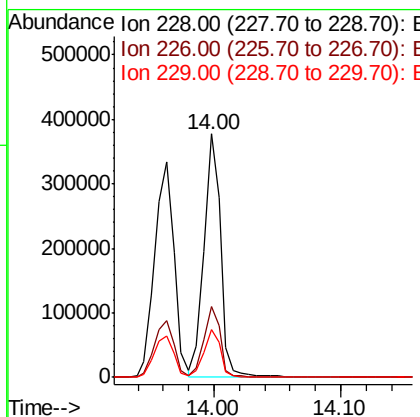
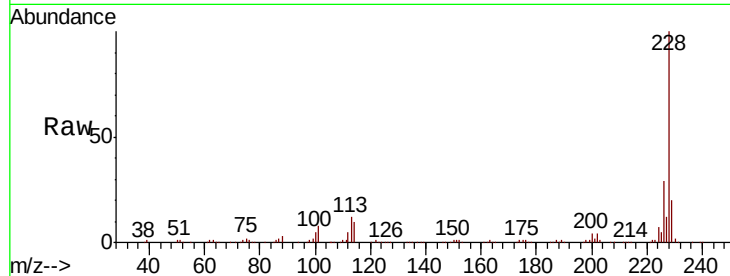
#83
Chrysene
Concen: 38.509 ng
RT: 14.00 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	19.8	15.8	23.8

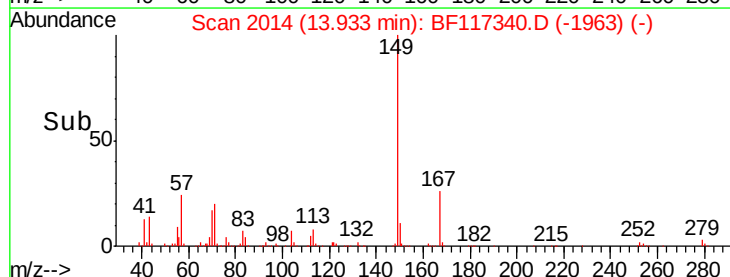
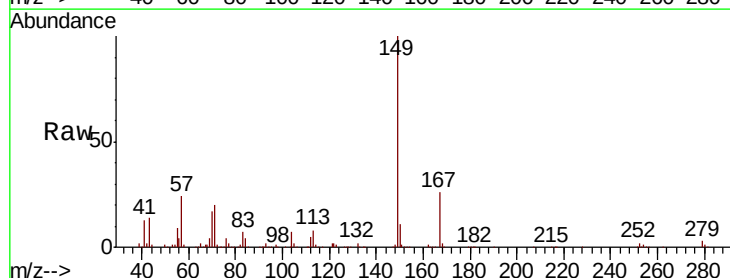
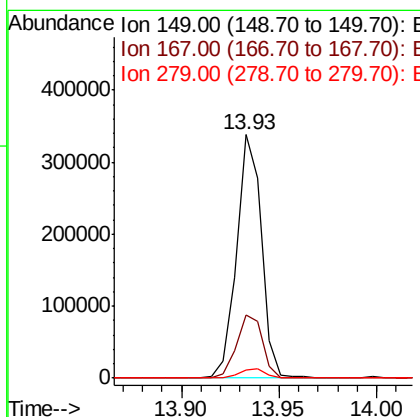
Manual Integrations
APPROVED

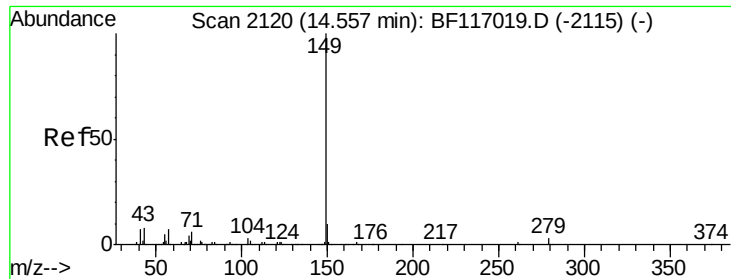
mohammad
10/11/2019 8:29:17 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.590 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	3.2	2.8	4.2





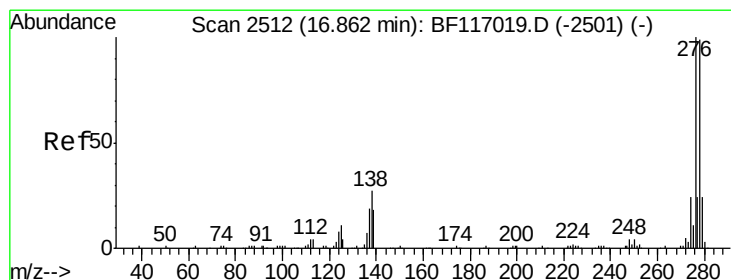
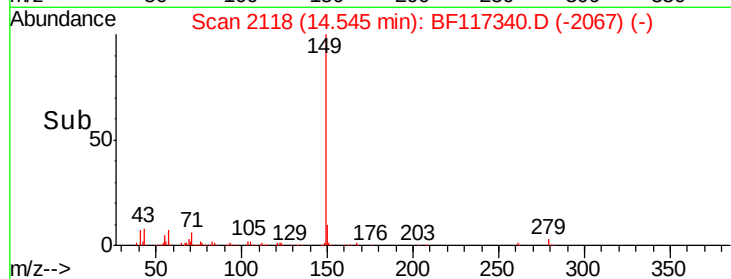
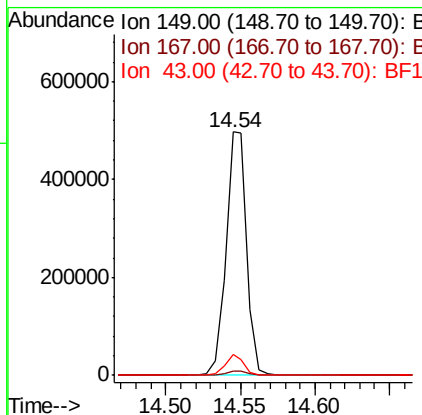
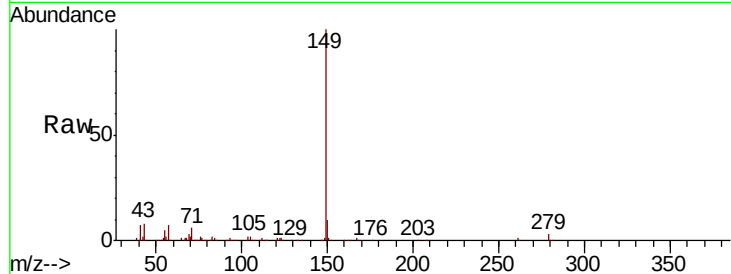
#85
Di-n-octyl phthalate
Concen: 44.092 ng
RT: 14.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4

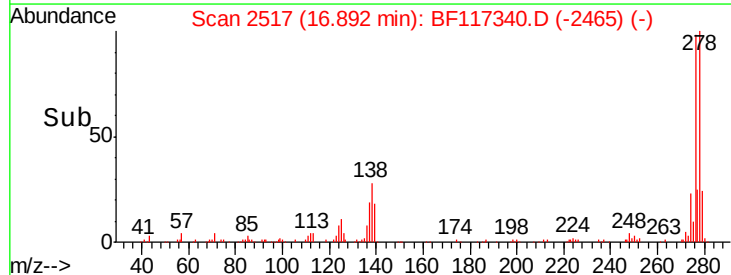
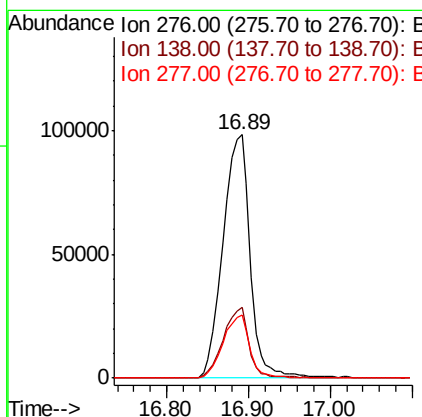
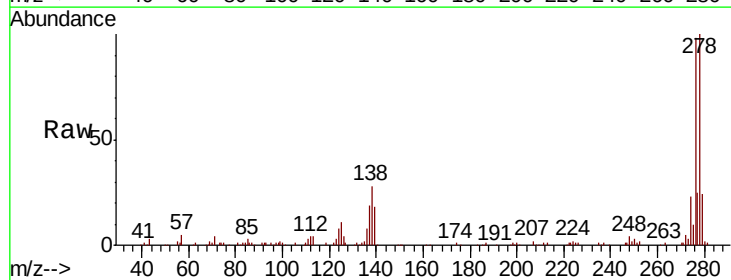
Manual Integrations
APPROVED

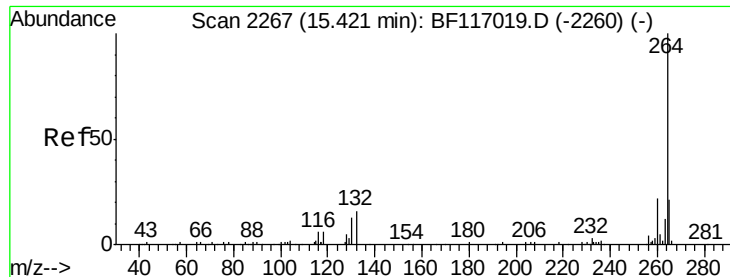
mohammad
10/11/2019 8:29:17 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.150 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.4	20.7	31.1
277	25.0	19.8	29.8





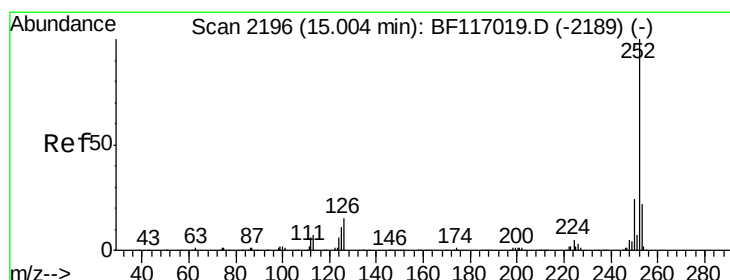
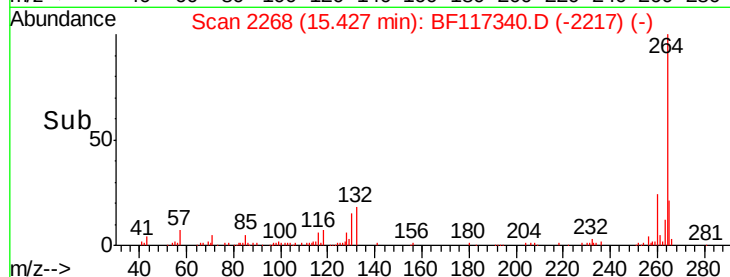
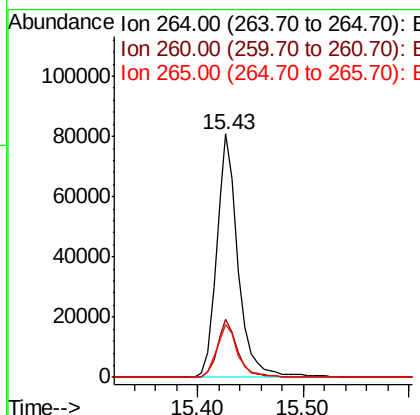
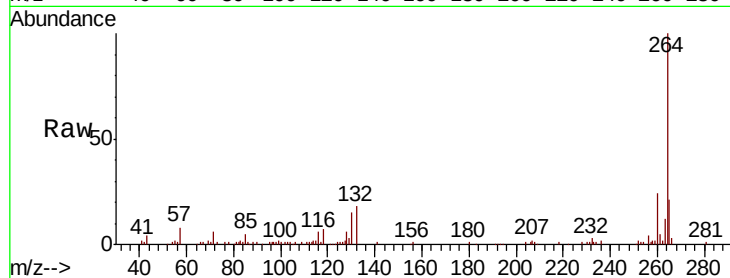
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	21.5	16.6	24.8

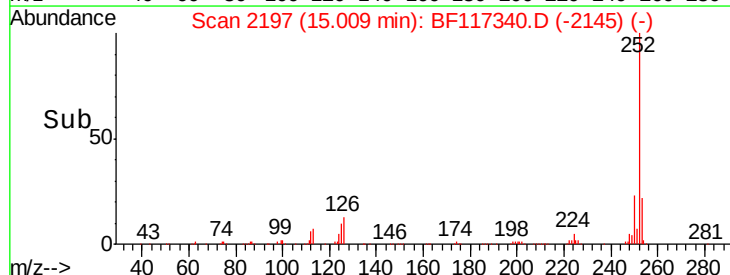
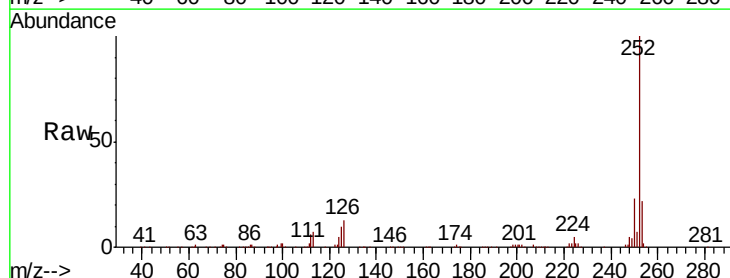
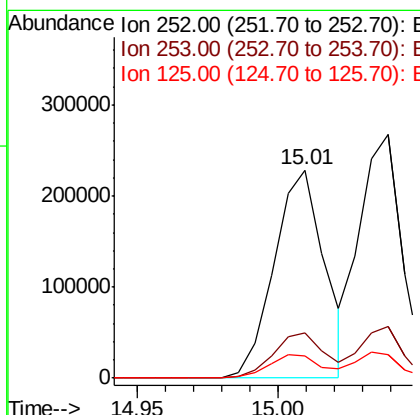
Manual Integrations
APPROVED

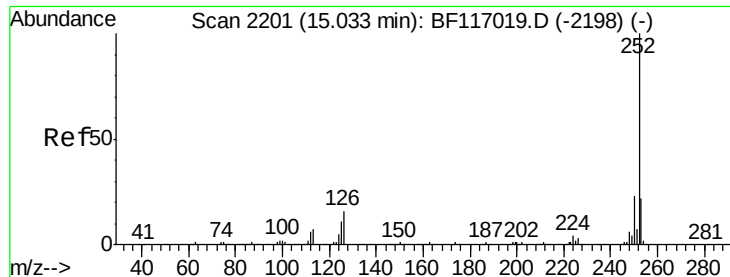
mohammad
10/11/2019 8:29:17 AM



#88
Benzo(b)fluoranthene
Concen: 41.034 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	8.6	12.8





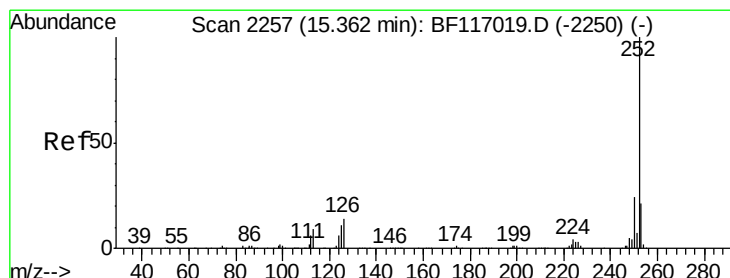
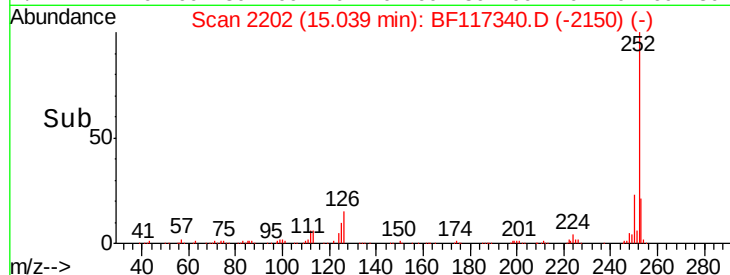
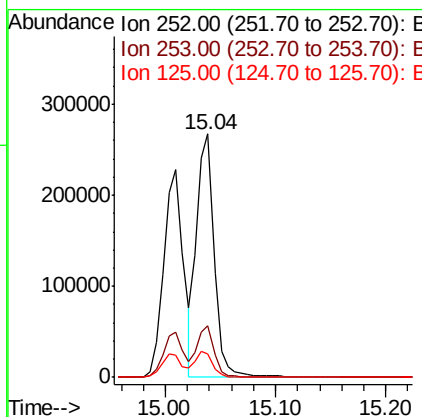
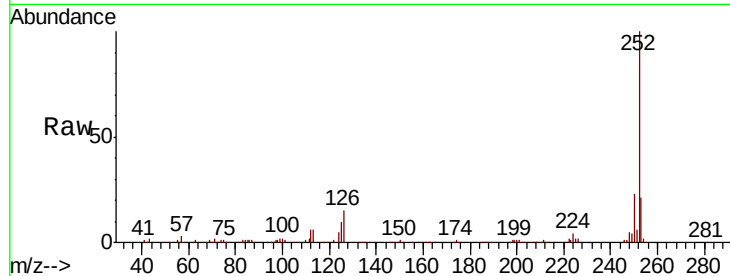
#89
Benzo(k)fluoranthene
Concen: 44.279 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	289338		
253	21.3		17.4	26.2
125	9.9		8.8	13.2

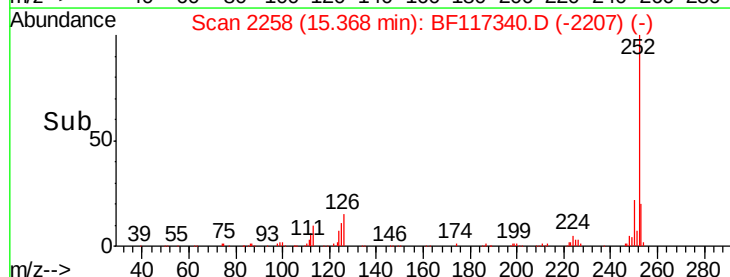
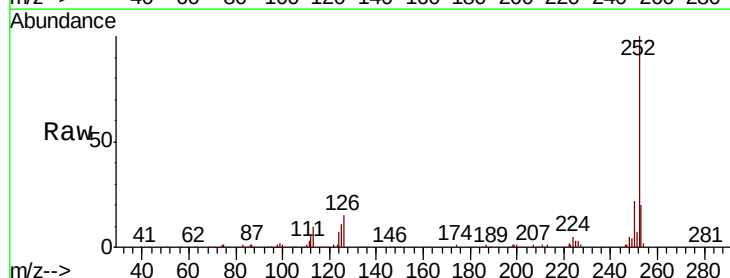
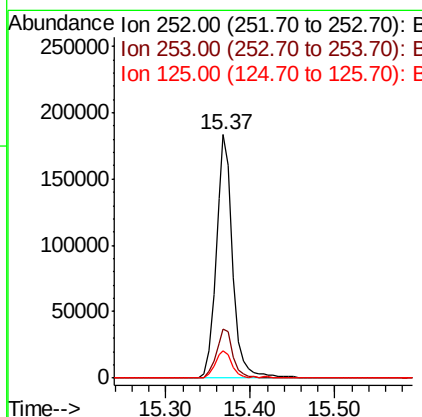
Manual Integrations
APPROVED

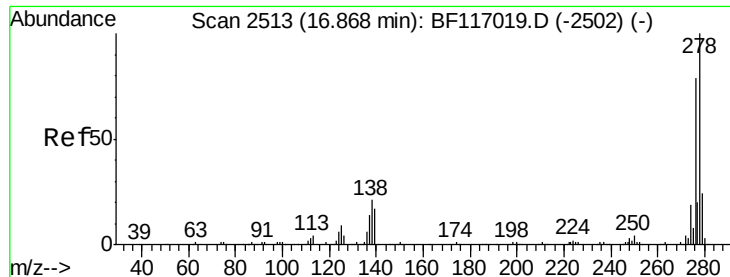
mohammad
10/11/2019 8:29:17 AM



#90
Benzo(a)pyrene
Concen: 41.431 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250794		
253	20.0		16.6	25.0
125	11.4		8.9	13.3





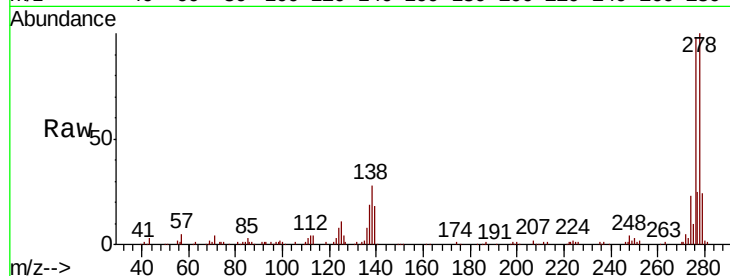
#91
Dibenzo(a,h)anthracene
Concen: 40.862 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB123732BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	24.2	18.8	28.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:17 AM

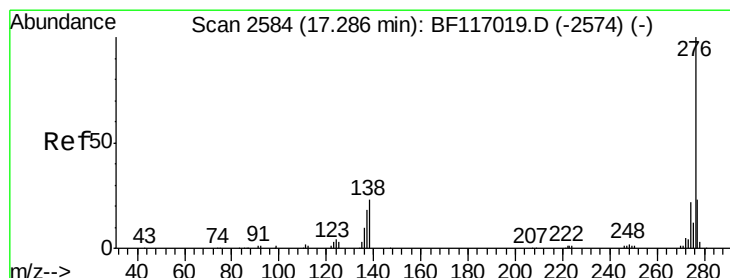
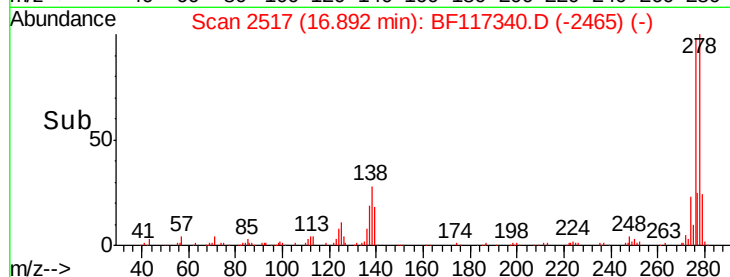
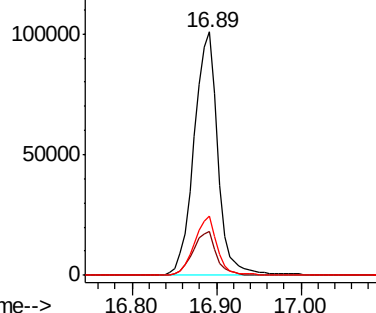


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.922 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF117340.D
Acq: 8 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	23.4	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

