

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117640.D
 Acq On : 31 Oct 2019 2:41
 Operator : JU
 Sample : PB124409BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Manual Integrations
 APPROVED

mohammad
 10/31/2019 3:11:11 PM

Quant Time: Oct 31 08:05:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35623	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	134686	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	62485	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	88093	20.00	ng	0.00
76) Chrysene-d12	13.90	240	67991	20.00	ng	0.00
87) Perylene-d12	15.33	264	61549	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	180667	75.45	ng	0.01
7) Phenol-d6	6.39	99	247423	76.93	ng	0.00
23) Nitrobenzene-d5	7.30	82	216842	79.48	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	37593	69.53	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	364475	82.19	ng	0.00
79) Terphenyl-d14	12.83	244	292358	70.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	29295	29.099	ng	# 93
3) Pyridine	3.15	79	76063m	30.864	ng	
4) n-Nitrosodimethylamine	3.09	42	31511	35.244	ng	94
6) Aniline	6.40	93	93463	24.754	ng	# 45
8) 2-Chlorophenol	6.53	128	95672	37.864	ng	95
9) Benzaldehyde	6.28	77	54360	33.289	ng	99
10) Phenol	6.40	94	118800	36.192	ng	# 81
11) bis(2-Chloroethyl)ether	6.46	93	91570	37.716	ng	98
12) 1,3-Dichlorobenzene	6.67	146	99754	35.378	ng	97
13) 1,4-Dichlorobenzene	6.75	146	102433	35.811	ng	98
14) 1,2-Dichlorobenzene	6.90	146	97467	36.149	ng	96
15) Benzyl Alcohol	6.89	79	84982	36.985	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	92409	35.282	ng	# 48
17) 2-Methylphenol	7.01	107	78712	37.869	ng	97
18) Hexachloroethane	7.23	117	28986	25.963	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	72167	36.743	ng	96
20) 3+4-Methylphenols	7.17	107	103028	37.806	ng	# 61
22) Acetophenone	7.15	105	141886	39.673	ng	# 92
24) Nitrobenzene	7.32	77	104945	40.162	ng	99
25) Isophorone	7.56	82	191193	40.511	ng	99
26) 2-Nitrophenol	7.63	139	37191	31.912	ng	95
27) 2,4-Dimethylphenol	7.68	122	84213	48.351	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	112897	38.766	ng	97
29) 2,4-Dichlorophenol	7.89	162	74024	40.520	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	75365	38.443	ng	99
31) Naphthalene	8.03	128	272836	40.868	ng	99
32) Benzoic acid	7.83	122	31657	26.536	ng	98
33) 4-Chloroaniline	8.10	127	54283	19.267	ng	# 94
34) Hexachlorobutadiene	8.15	225	39857	35.125	ng	99
35) Caprolactam	8.47	113	23729	40.434	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	81990	39.353	ng	96
37) 2-Methylnaphthalene	8.72	142	182706	40.615	ng	98
38) 1-Methylnaphthalene	8.82	142	167285	39.575	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	66934	39.772	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117640.D
 Acq On : 31 Oct 2019 2:41
 Operator : JU
 Sample : PB124409BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

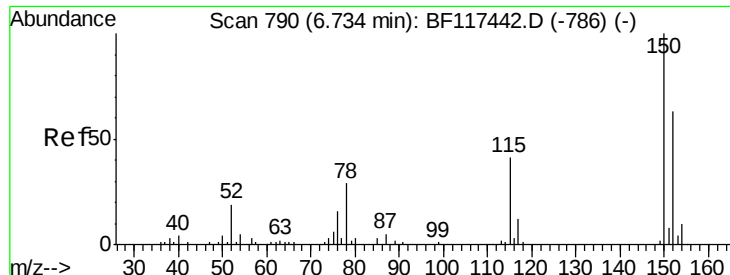
Manual Integrations
 APPROVED

mohammad
 10/31/2019 3:11:11 PM

Quant Time: Oct 31 08:05:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	286	11.133	ng	# 26
43) 2,4,6-Trichlorophenol	9.02	196	44048	41.794	ng	95
44) 2,4,5-Trichlorophenol	9.07	196	45710	42.801	ng	93
46) 1,1'-Biphenyl	9.19	154	206747	39.967	ng	99
47) 2-Chloronaphthalene	9.22	162	156400	40.100	ng	96
48) 2-Nitroaniline	9.32	65	56493	44.122	ng	91
49) Acenaphthylene	9.63	152	241578	42.168	ng	100
50) Dimethylphthalate	9.49	163	182847	41.048	ng	99
51) 2,6-Dinitrotoluene	9.56	165	35064	37.722	ng	# 86
52) Acenaphthene	9.80	154	142016	40.405	ng	98
53) 3-Nitroaniline	9.73	138	36658	32.503	ng	96
54) 2,4-Dinitrophenol	9.90	184	246	5.108	ng	# 36
55) Dibenzofuran	9.97	168	211454	41.524	ng	96
56) 4-Nitrophenol	9.97	139	123643	229.993	ng	# 14
57) 2,4-Dinitrotoluene	9.98	165	43119	34.890	ng	# 81
58) Fluorene	10.31	166	169092	40.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	29206	34.795	ng	# 98
60) Diethylphthalate	10.18	149	180596	40.083	ng	97
61) 4-Chlorophenyl-phenylether	10.30	204	72955	38.614	ng	98
62) 4-Nitroaniline	10.35	138	39251	36.923	ng	97
63) Azobenzene	10.46	77	183110	39.700	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	1179	2.632	ng	# 60
66) n-Nitrosodiphenylamine	10.42	169	145851	45.288	ng	97
67) 4-Bromophenyl-phenylether	10.79	248	38981	41.082	ng	# 88
68) Hexachlorobenzene	10.87	284	40076	39.438	ng	97
69) Atrazine	10.95	200	40097	48.936	ng	97
70) Pentachlorophenol	11.08	266	16312	53.547	ng	94
71) Phenanthrene	11.27	178	210675	41.186	ng	99
72) Anthracene	11.33	178	224800	42.831	ng	98
73) Carbazole	11.49	167	203678	42.464	ng	99
74) Di-n-butylphthalate	11.80	149	259178	40.440	ng	98
75) Fluoranthene	12.47	202	212737	41.544	ng	99
77) Benzdine	12.59	184	176171	Below	Cal	99
78) Pyrene	12.70	202	222627	38.121	ng	99
80) Butylbenzylphthalate	13.30	149	103323	35.553	ng	92
81) Benzo(a)anthracene	13.89	228	194618	42.435	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	68082	47.307	ng	97
83) Chrysene	13.93	228	191151	42.527	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	144100	35.397	ng	# 97
85) Di-n-octyl phthalate	14.47	149	262613	41.957	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	116387	34.682	ng	98
88) Benzo(b)fluoranthene	14.93	252	163206	44.904	ng	98
89) Benzo(k)fluoranthene	14.95	252	151324	40.622	ng	99
90) Benzo(a)pyrene	15.28	252	135100	40.883	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	101019	35.354	ng	98
92) Benzo(g,h,i)perylene	17.19	276	92777	34.317	ng	98

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



#1

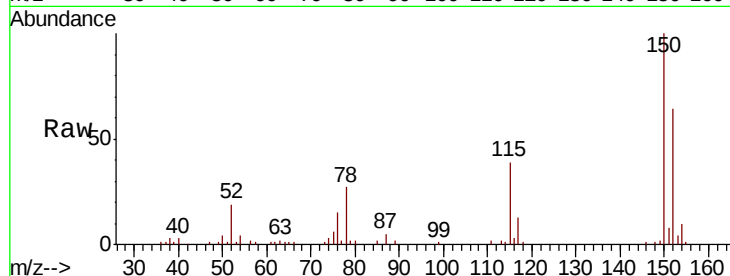
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.8	190.2
115	60.1	51.6	77.4

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

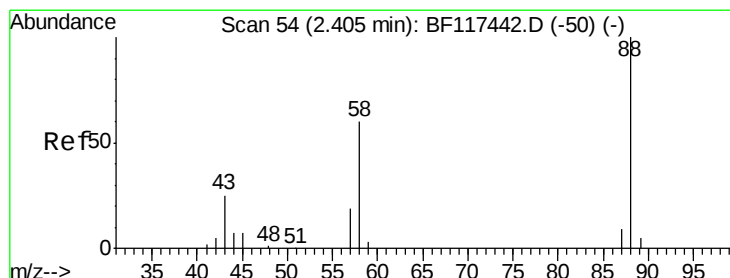
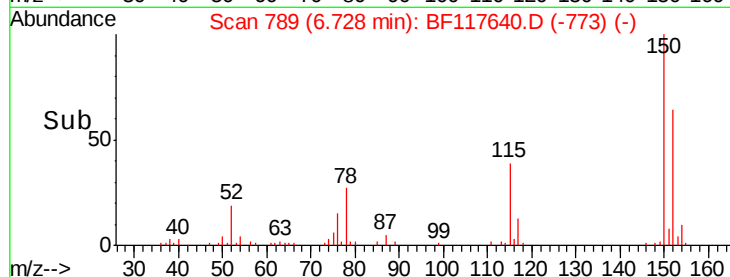
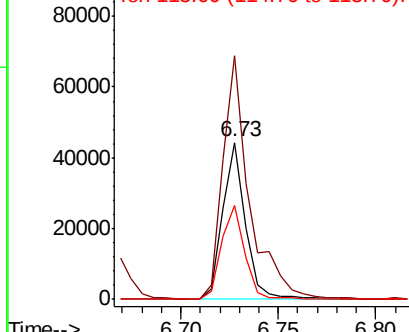


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

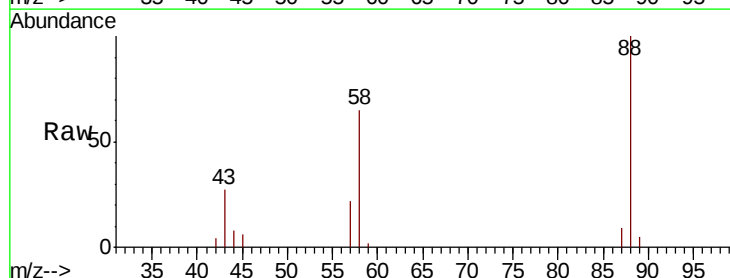
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.099 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	48.8	73.2
43	27.7	18.5	27.7

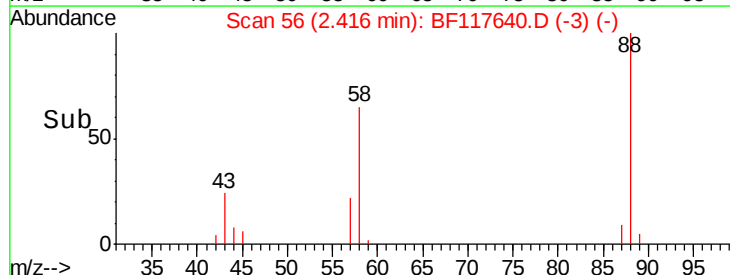
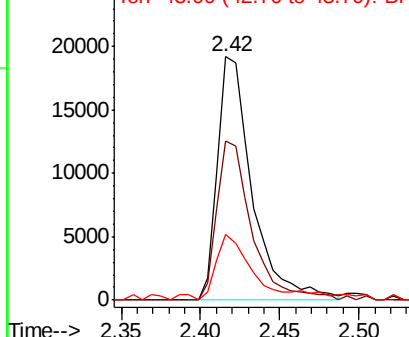


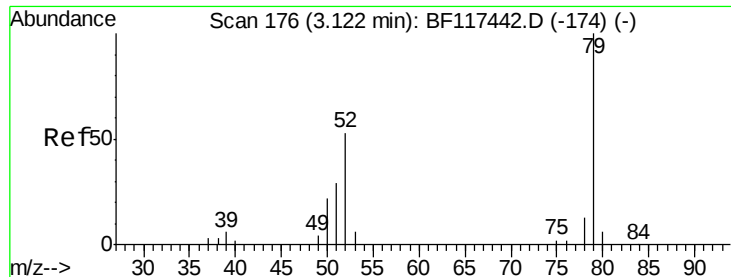
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





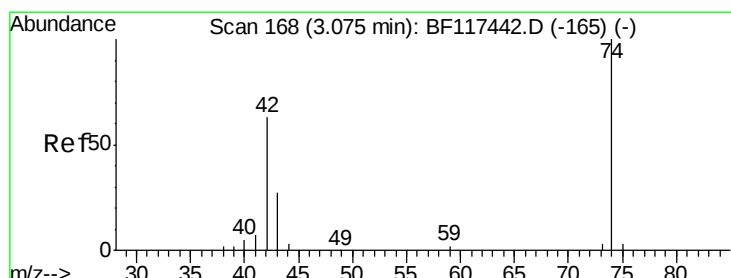
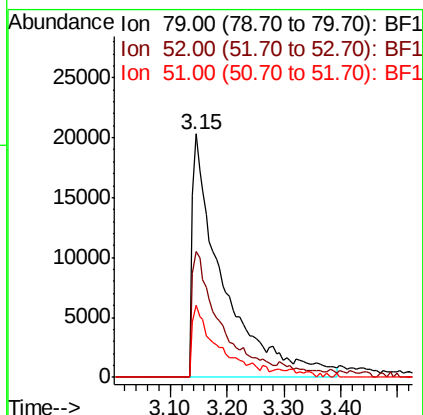
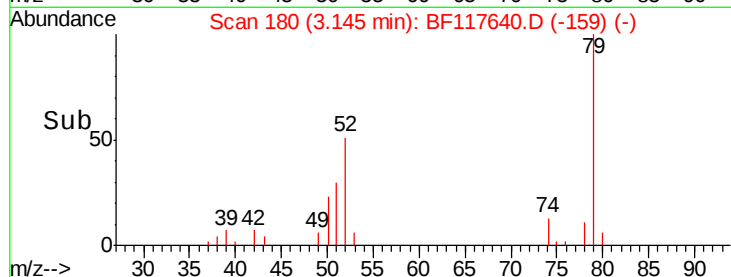
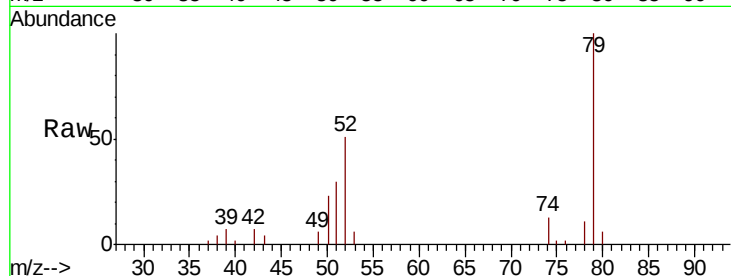
#3
 Pvridine
 Concen: 30.864 ng/ml
 RT: 3.15 min Scan# 180
 Delta R.T. 0.02 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleID :
 PB124409BS

Tot Ion:	79	Resp:	76063
Ion Ratio	Lower	Upper	
79	100		
52	51.5	42.4	63.6
51	29.5	23.3	34.9

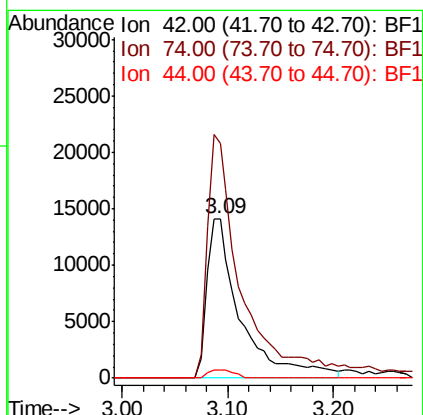
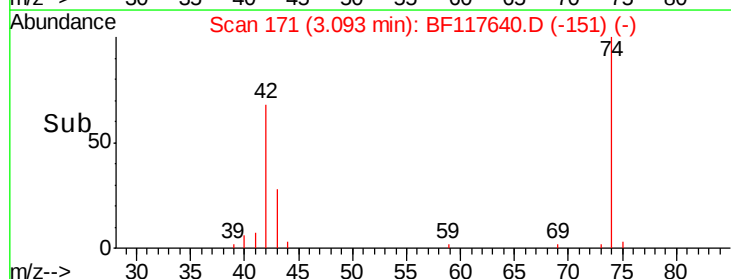
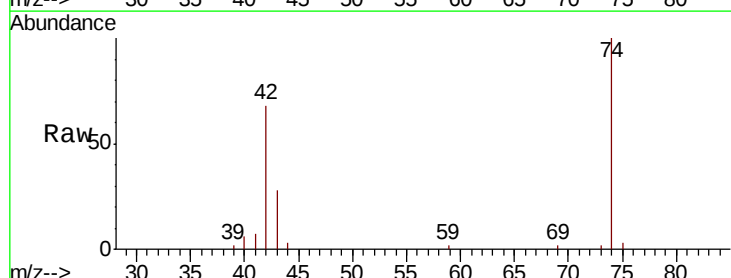
Manual Integrations
 APPROVED

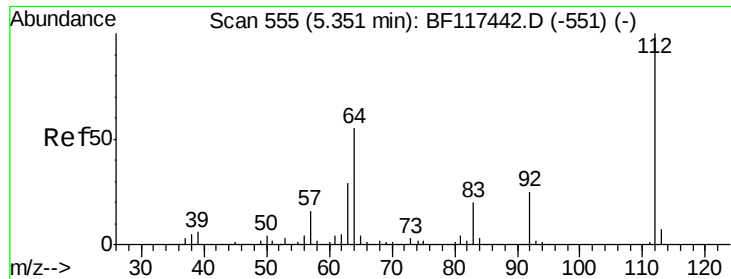
mohammad
 10/31/2019 3:11:11 PM



#4
 n-Nitrosodimethylamine
 Concen: 35.244 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.02 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion:	42	Resp:	31511
Ion Ratio	Lower	Upper	
42	100		
74	146.9	124.2	186.4
44	4.8	4.2	6.4





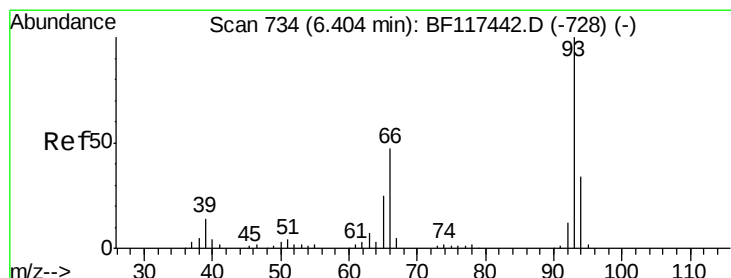
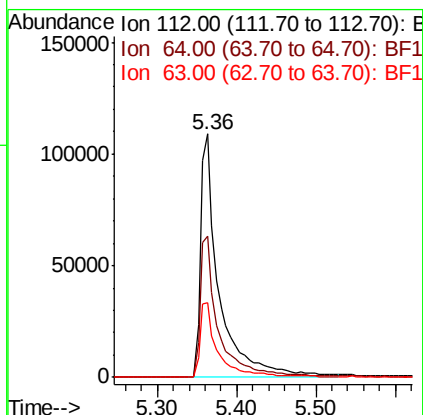
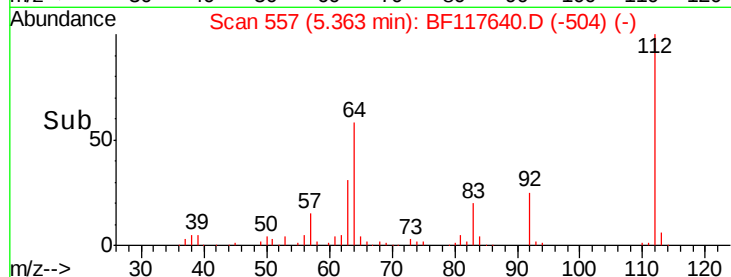
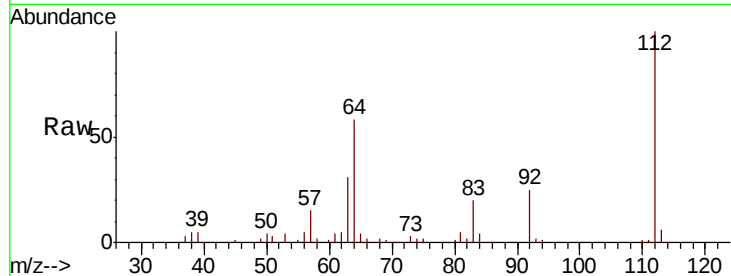
#5
2-Fluorophenol
Concen: 75.451 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.5	23.4	35.2

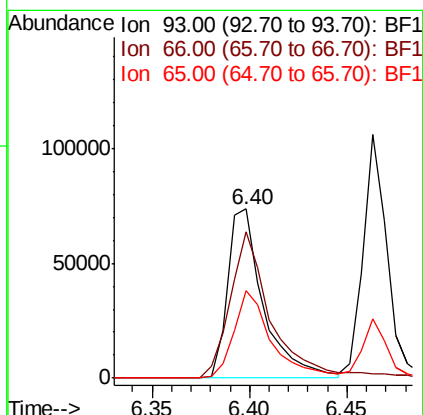
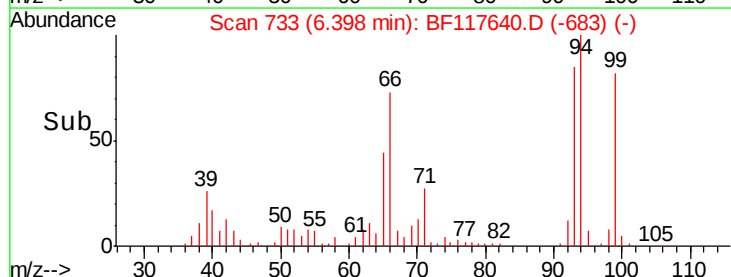
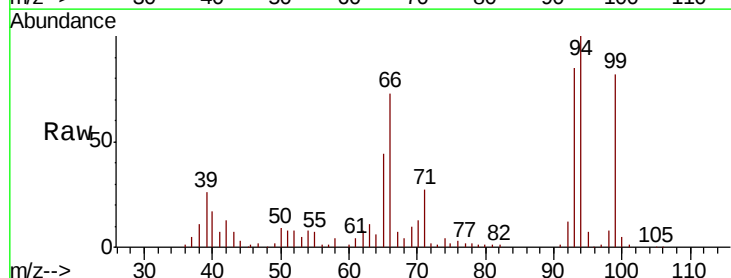
Manual Integrations
APPROVED

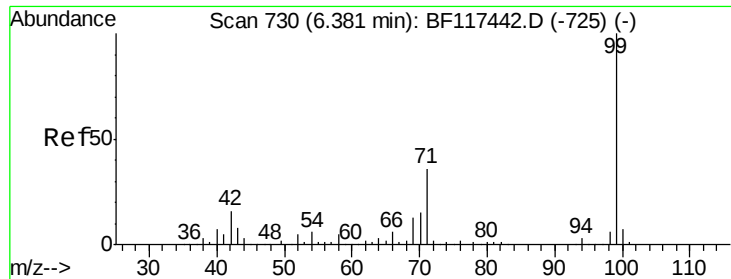
mohammad
10/31/2019 3:11:11 PM



#6
Aniline
Concen: 24.754 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	86.3	38.7	58.1#
65	51.9	20.1	30.1#





#7

Phenol-d6

Concen: 76.933 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

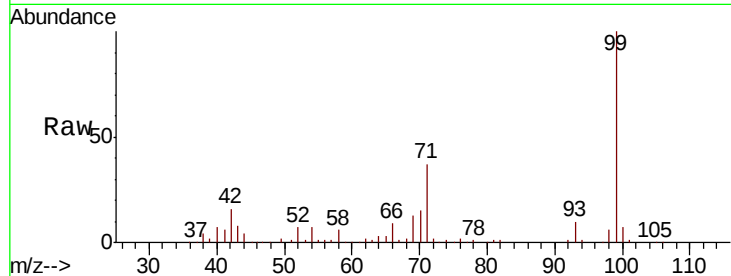
ClientSampleId :

PB124409BS

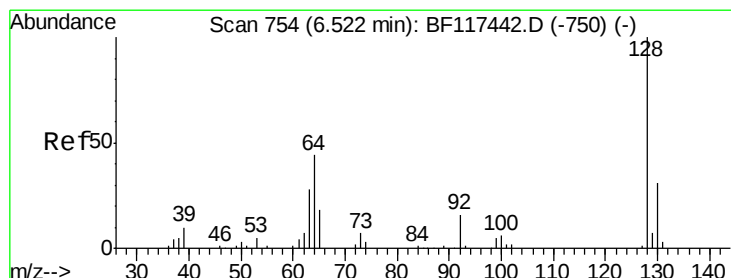
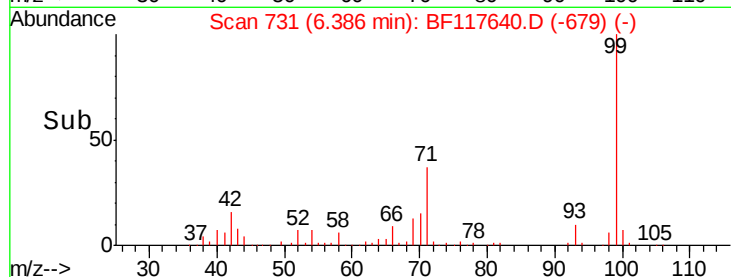
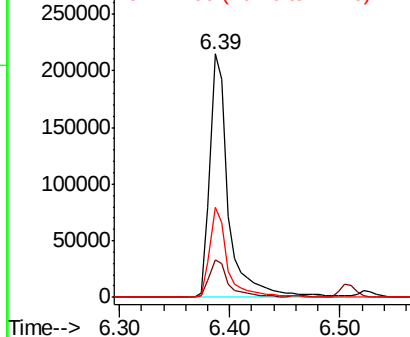
Tot Ion:	99	Resp:	247423
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.8	19.2
71	36.7	28.6	43.0

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



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



#8

2-Chlorophenol

Concen: 37.864 ng

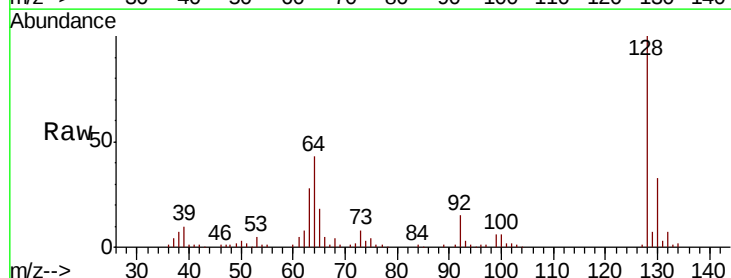
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

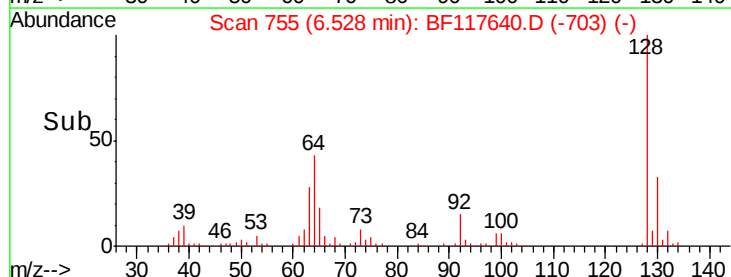
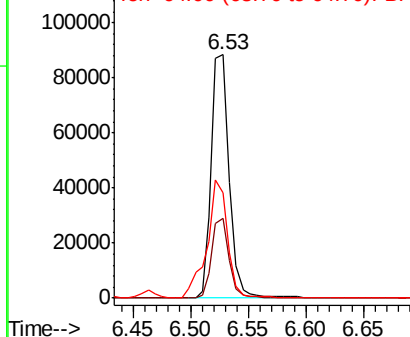
Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	128	Resp:	95672
Ion Ratio	Lower	Upper	
128	100		
130	32.8	11.1	51.1
64	43.1	27.1	67.1



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





#9

Benzaldehyde

Concen: 33.289 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

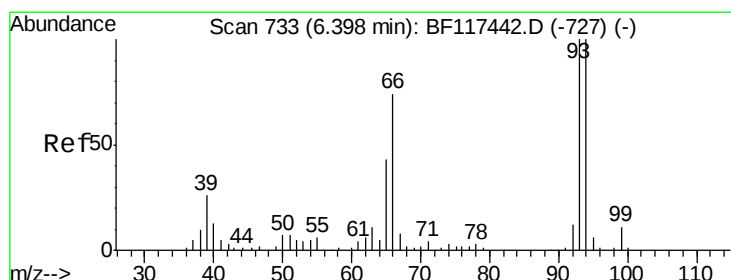
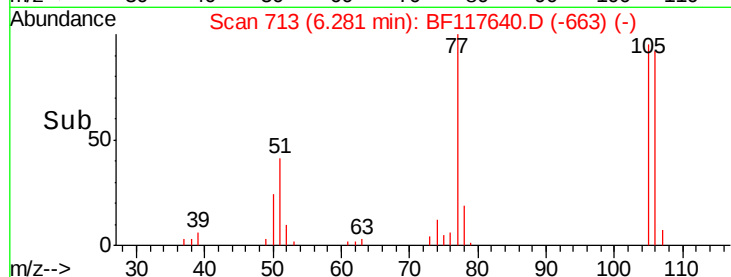
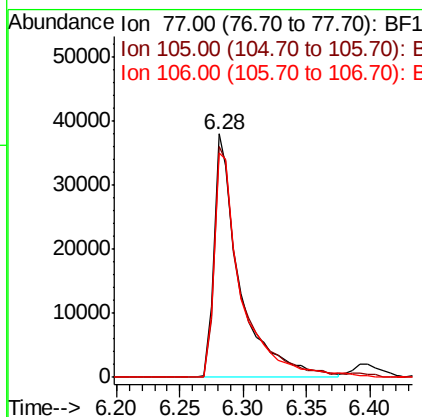
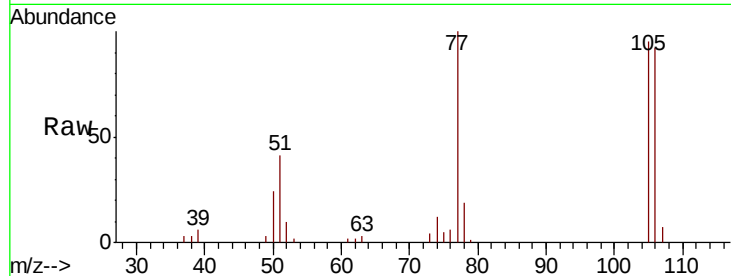
ClientSampleID :

PB124409BS

Tot Ion:	77	Resp:	54360
Ion	Ratio	Lower	Upper
77	100		
105	94.6	73.4	113.4
106	92.3	73.0	113.0

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#10

Phenol

Concen: 36.192 ng

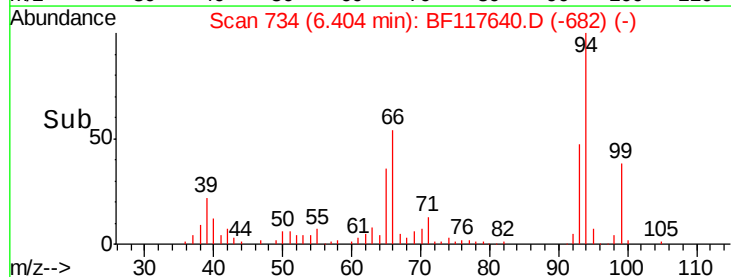
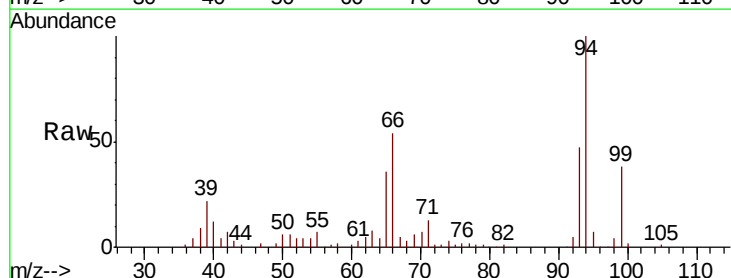
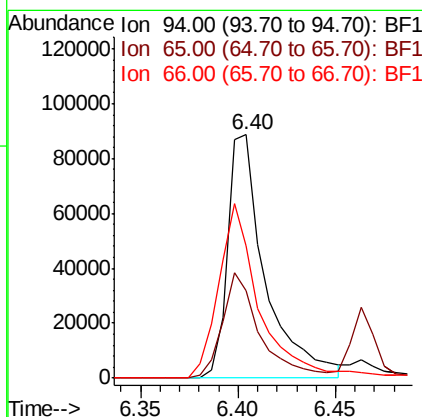
RT: 6.40 min Scan# 734

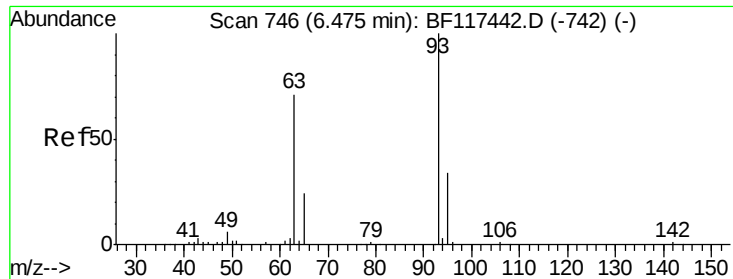
Delta R.T. 0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	94	Resp:	118800
Ion	Ratio	Lower	Upper
94	100		
65	36.0	23.4	63.4
66	54.5	54.7	94.7#





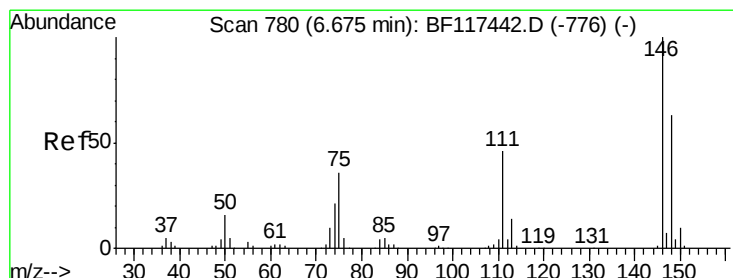
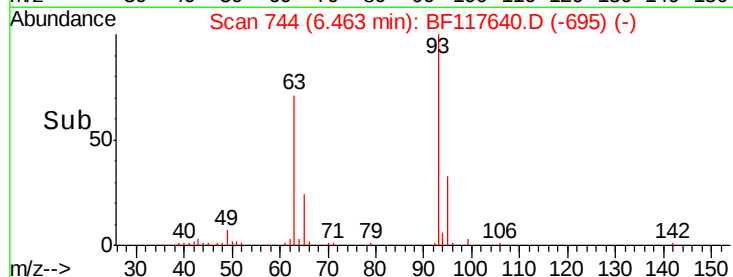
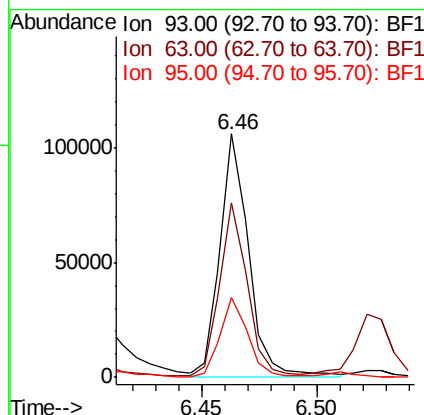
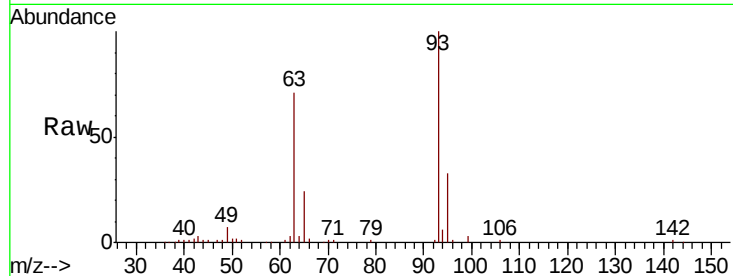
#11
bis(2-Chloroethyl)ether
Concen: 37.716 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion:	93	Resp:	91570
Ion Ratio	Lower	Upper	
93	100		
63	71.4	50.2	90.2
95	33.0	13.9	53.9

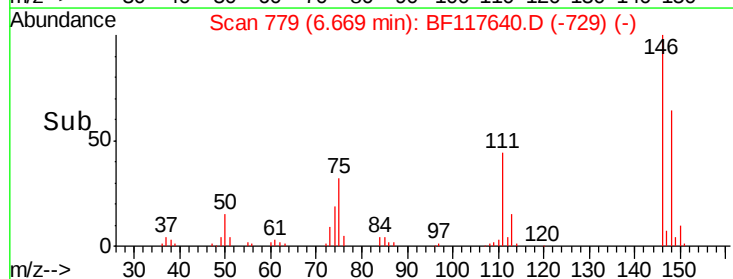
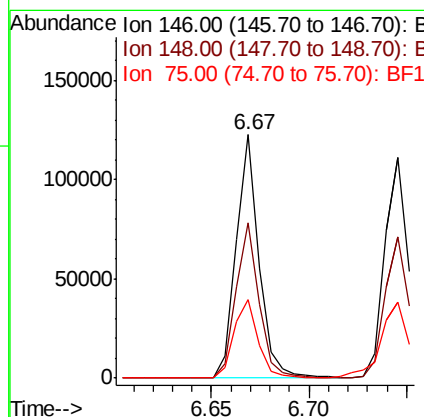
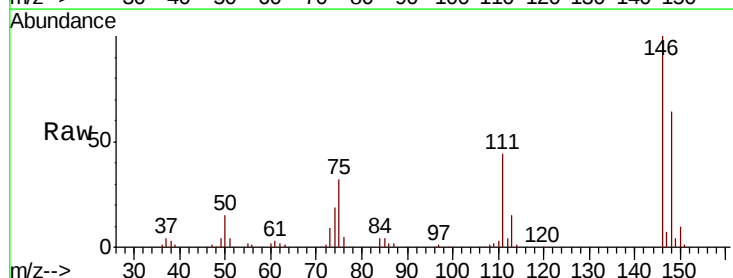
Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#12
1,3-Dichlorobenzene
Concen: 35.378 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion:	146	Resp:	99754
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
75	32.2	28.6	43.0





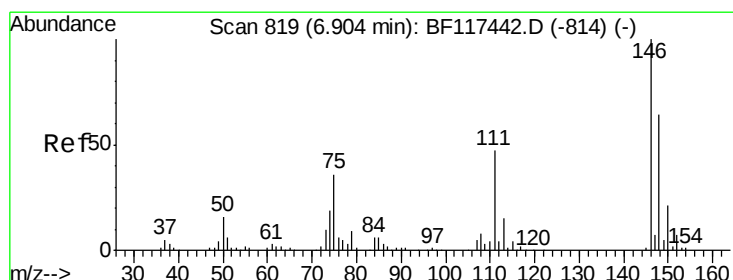
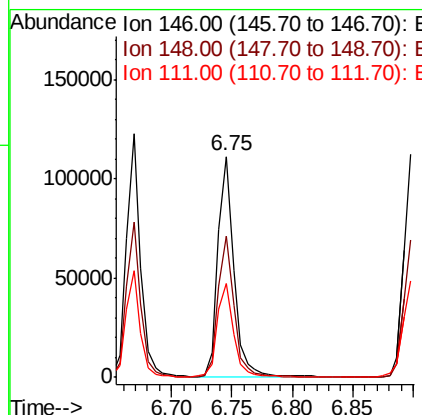
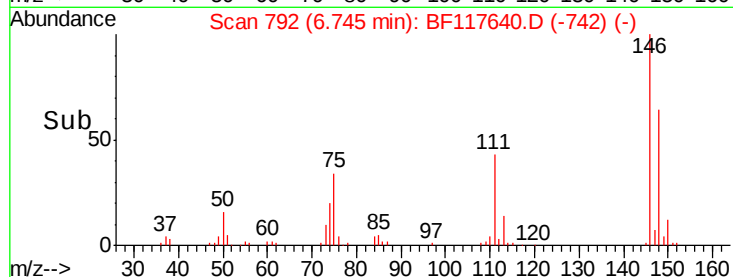
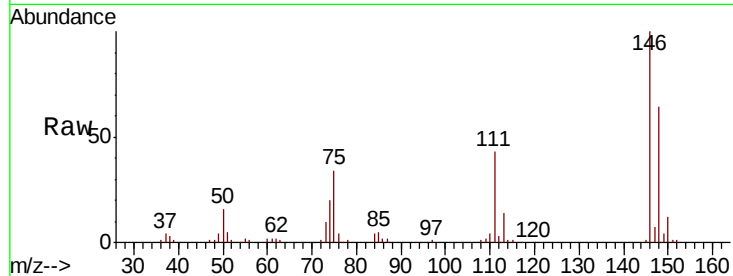
#13
1,4-Dichlorobenzene
Concen: 35.811 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.3	73.9
111	42.6	33.6	50.4

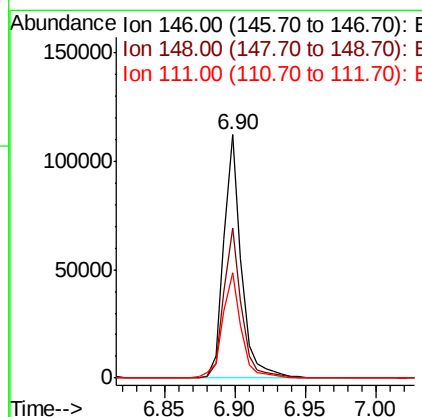
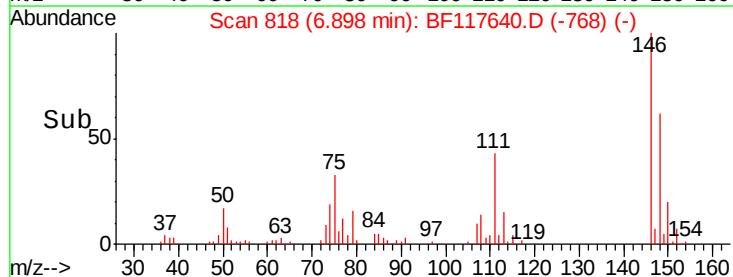
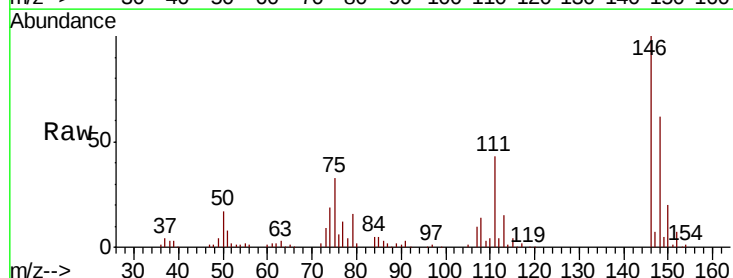
Manual Integrations
APPROVED

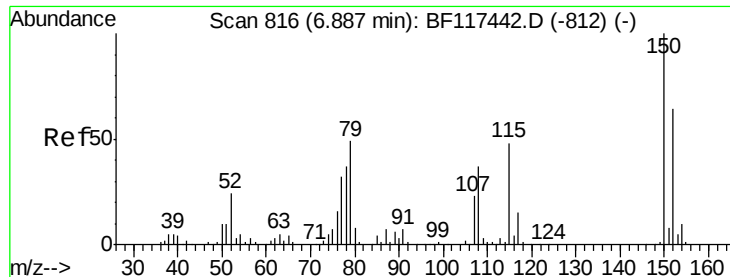
mohammad
10/31/2019 3:11:11 PM



#14
1,2-Dichlorobenzene
Concen: 36.149 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.4	77.0
111	43.2	37.7	56.5





#15

Benzyl Alcohol

Concen: 36.985 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

ClientSampleID :

PB124409BS

Tot Ion: 79 Resp: 84982

Ion Ratio Lower Upper

79 100

108 72.9 59.8 89.8

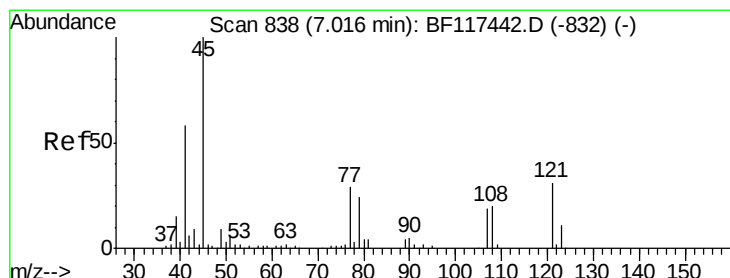
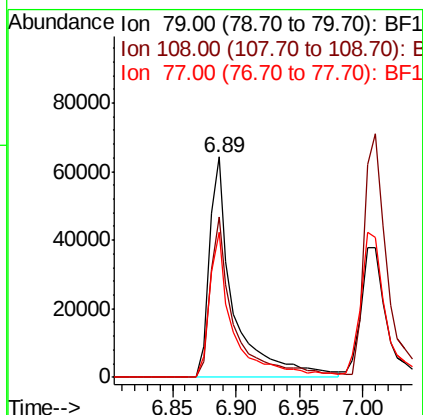
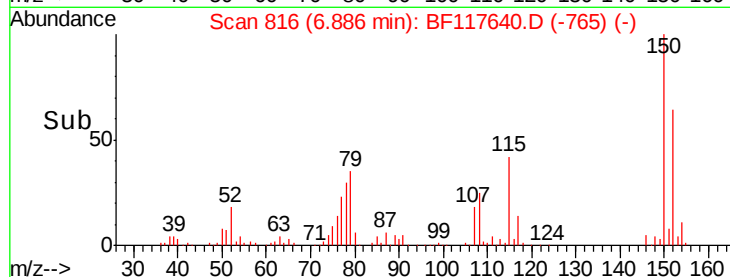
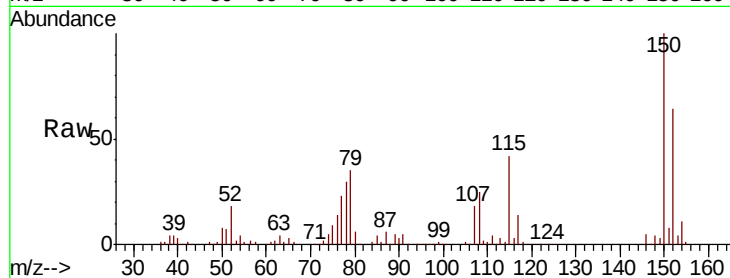
77 65.7 51.4 77.0

Manual Integrations

APPROVED

mohammad

10/31/2019 3:11:11 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.282 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

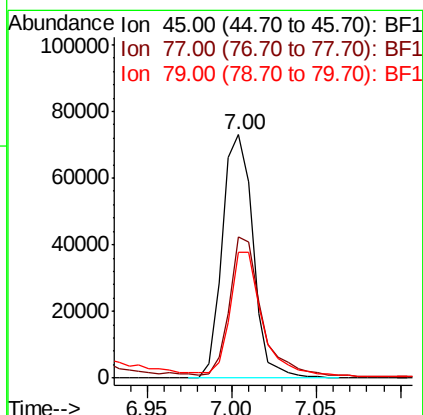
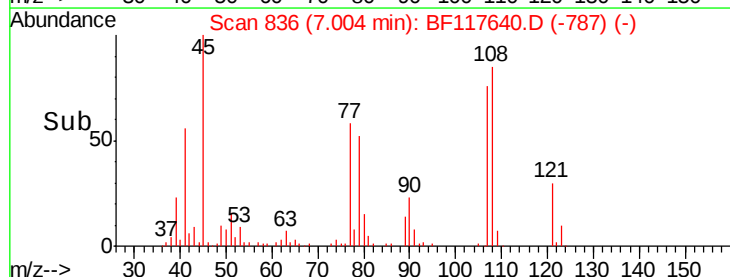
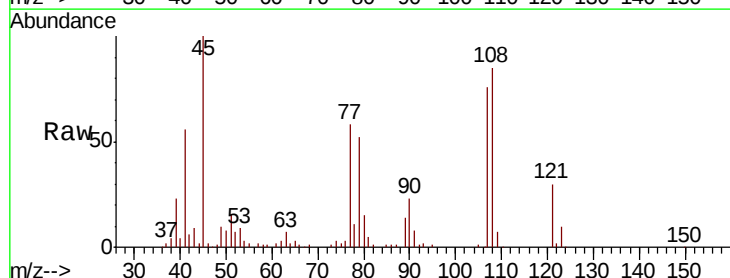
Tgt Ion: 45 Resp: 92409

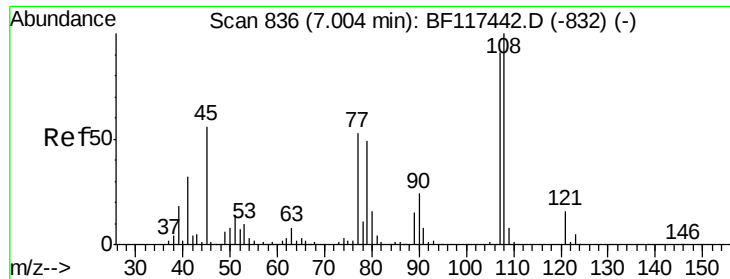
Ion Ratio Lower Upper

45 100

77 57.8 9.9 49.9#

79 51.7 5.5 45.5#





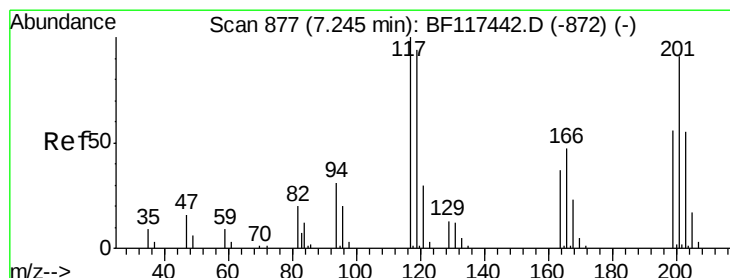
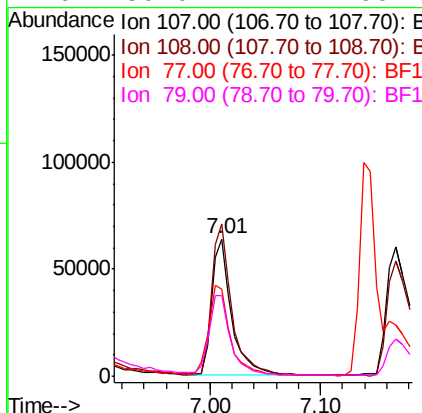
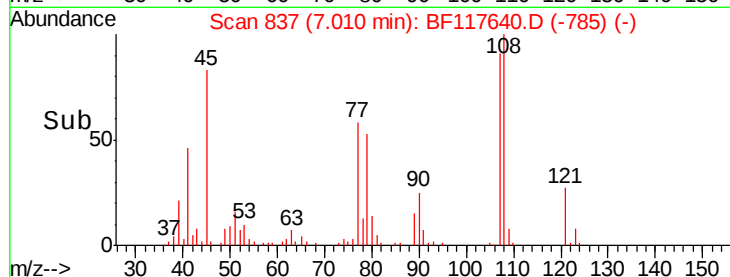
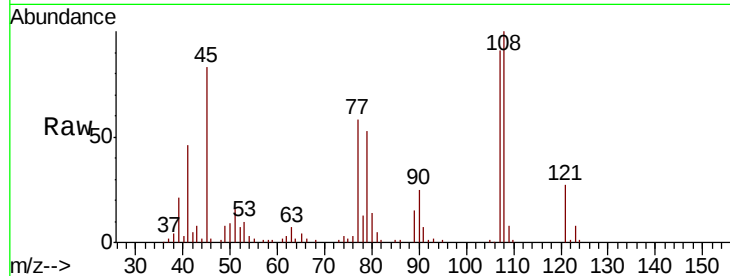
#17
2-Methylphenol
Concen: 37.869 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	78712		
108	110.4	88.0	132.0		
77	63.5	47.2	70.8		
79	59.0	44.1	66.1		

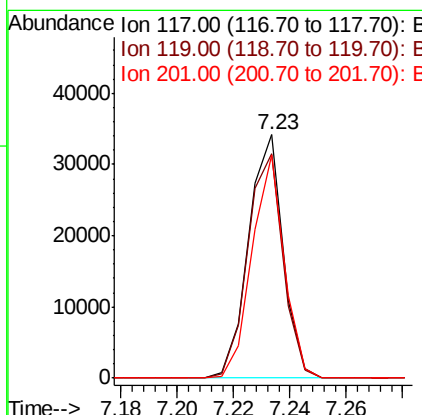
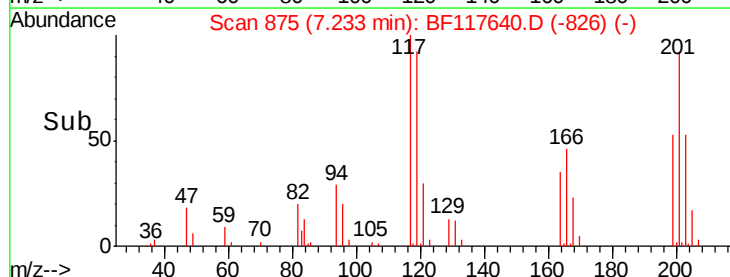
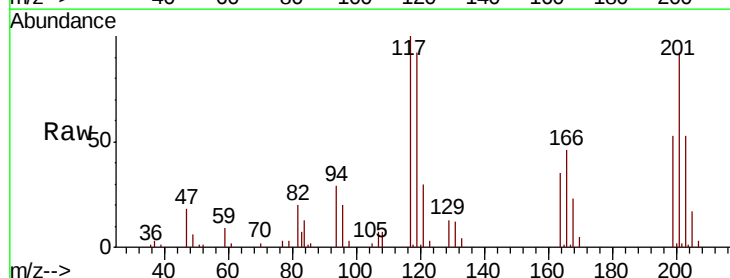
Manual Integrations
APPROVED

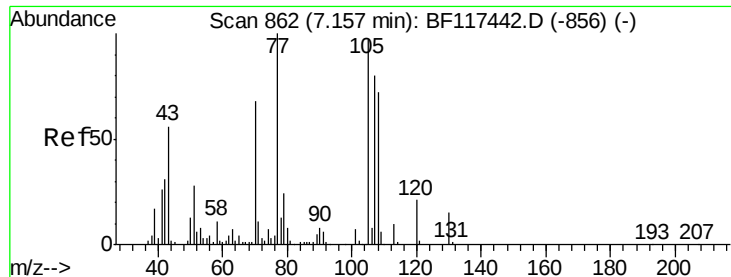
mohammad
10/31/2019 3:11:11 PM



#18
Hexachloroethane
Concen: 25.963 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	28986		
119	91.9	75.4	113.0		
201	91.6	72.5	108.7		





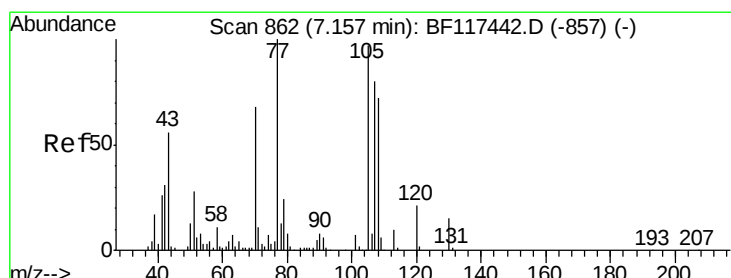
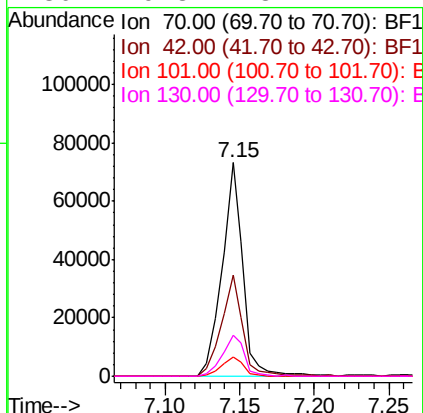
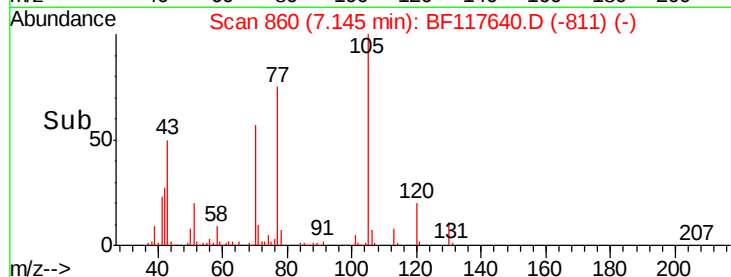
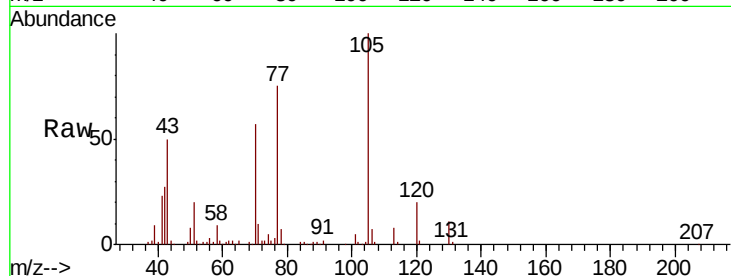
#19
n-Nitroso-di-n-propylamine
Concen: 36.743 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	36.7	55.1
101	9.1	8.3	12.5
130	19.3	18.1	27.1

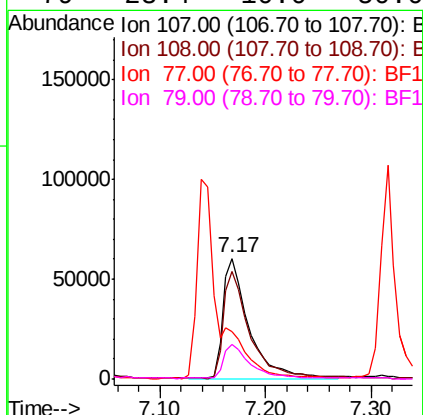
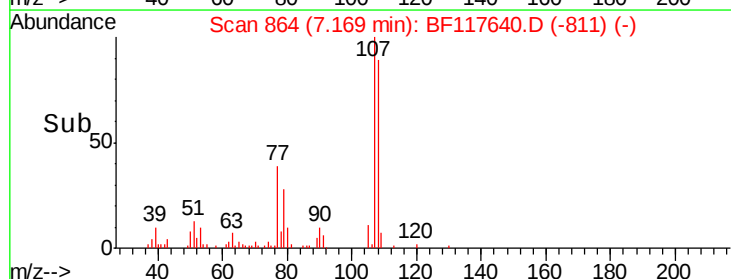
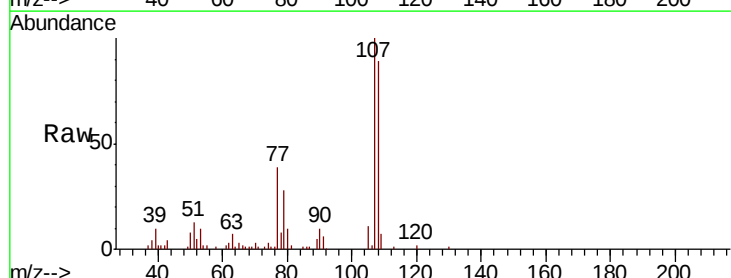
Manual Integrations
APPROVED

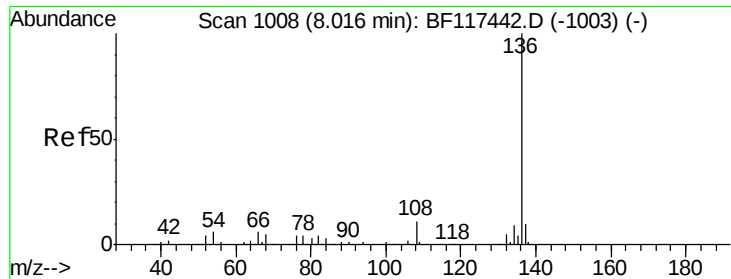
mohammad
10/31/2019 3:11:11 PM



#20
3+4-Methylphenols
Concen: 37.806 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.3	110.3
77	39.2	104.8	144.8#
79	28.4	10.0	50.0





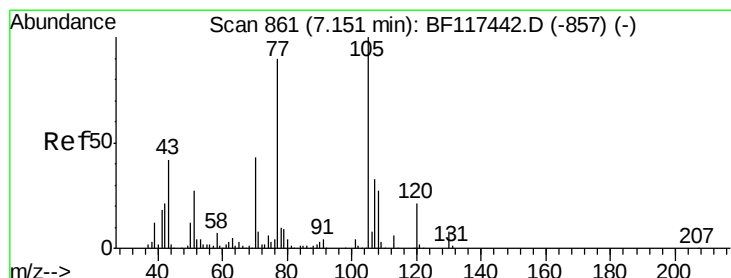
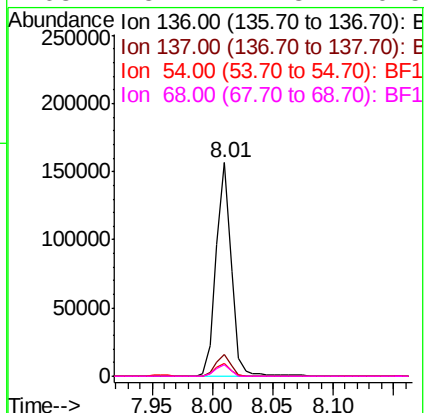
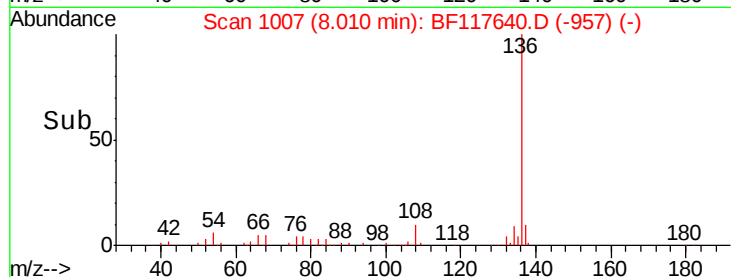
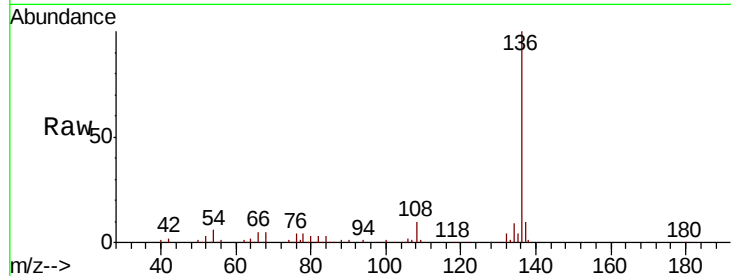
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	136	Resp	134686
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.4
54	6.0	4.5	6.7
68	5.2	4.3	6.5

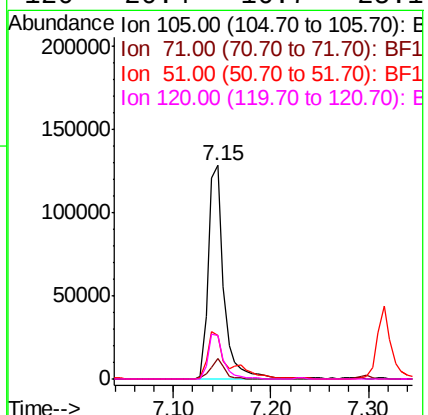
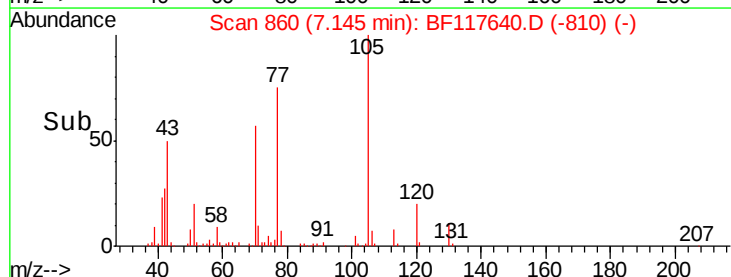
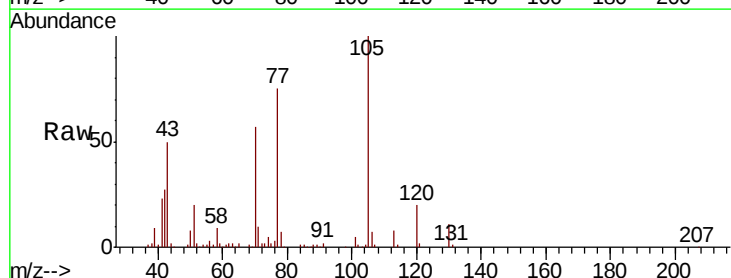
Manual Integrations
APPROVED

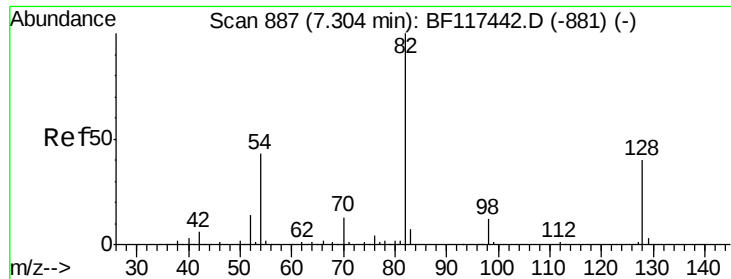
mohammad
10/31/2019 3:11:11 PM



#22
Acetophenone
Concen: 39.673 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	105	Resp	141886
Ion Ratio	Lower	Upper	
105	100		
71	9.5	6.2	9.2#
51	20.3	21.8	32.6#
120	20.4	16.7	25.1





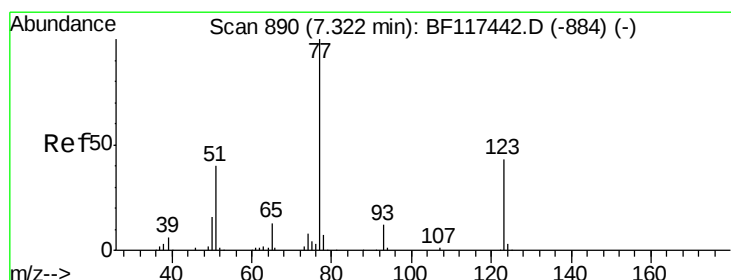
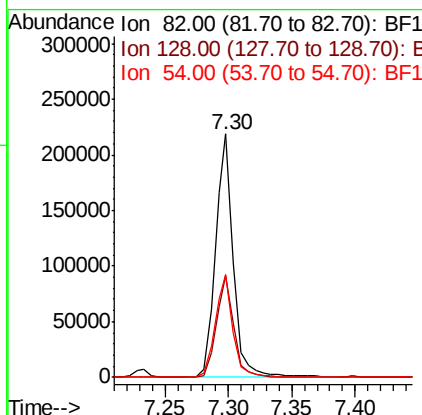
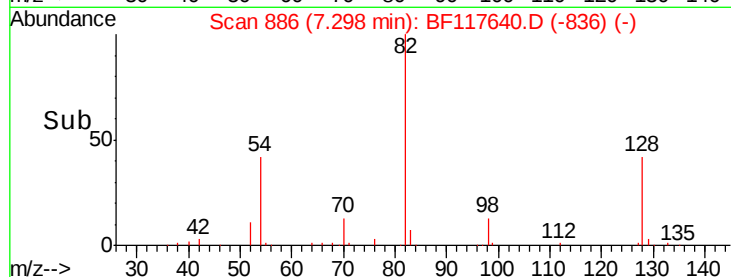
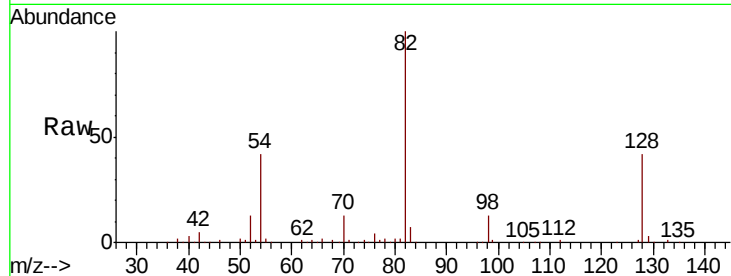
#23
Nitrobenzene-d5
Concen: 79.481 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampled :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216842		
128	41.5	32.2	48.2	
54	42.5	34.2	51.2	

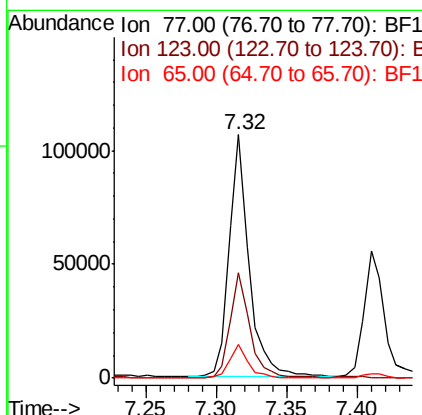
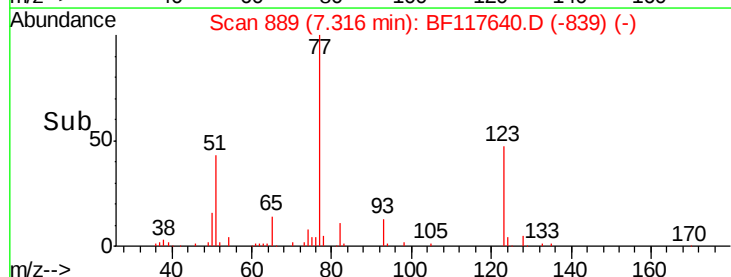
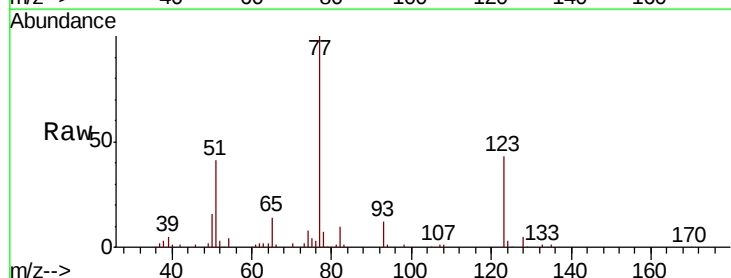
Manual Integrations
APPROVED

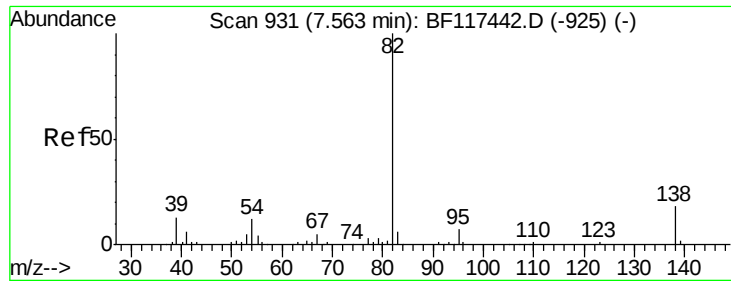
mohammad
10/31/2019 3:11:11 PM



#24
Nitrobenzene
Concen: 40.162 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	104945		
123	43.1	34.2	51.2	
65	13.8	10.3	15.5	





#25

Isophorone

Concen: 40.511 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

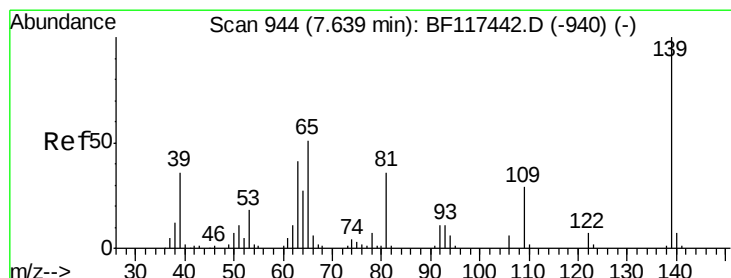
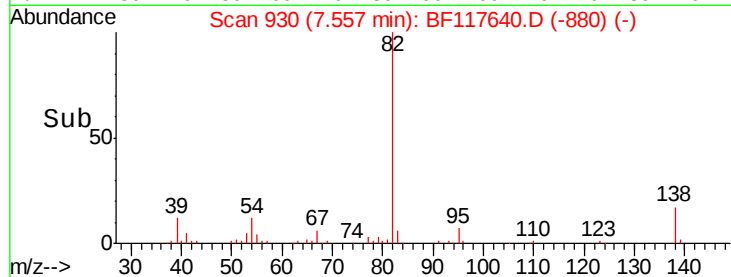
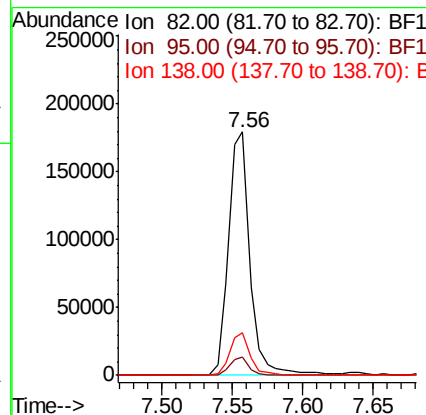
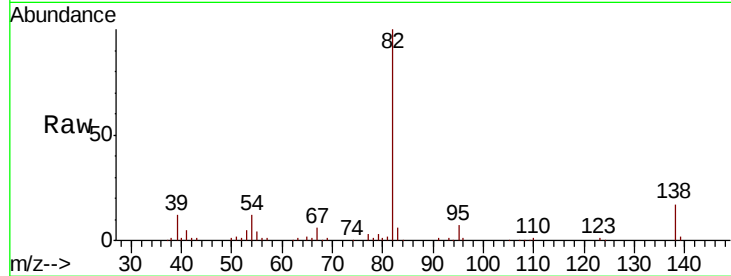
ClientSampleId :

PB124409BS

Tot Ion:	82	Resp:	191193
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.4	8.0
138	17.4	14.2	21.2

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#26

2-Nitrophenol

Concen: 31.912 ng

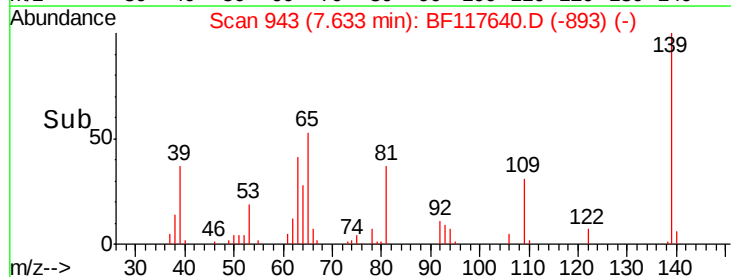
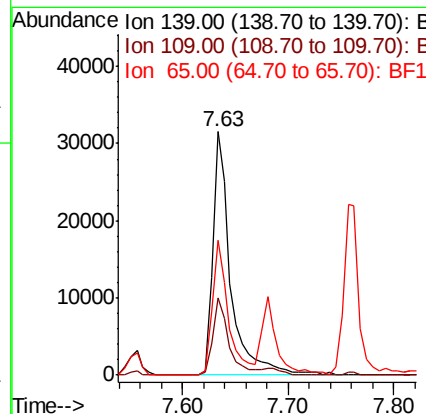
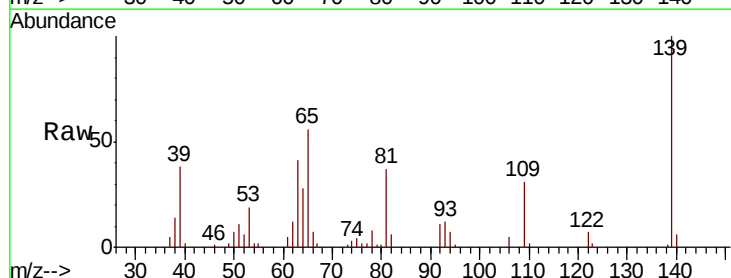
RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	139	Resp:	37191
Ion Ratio		Lower	Upper
139	100		
109	31.5	23.2	34.8
65	55.6	41.1	61.7





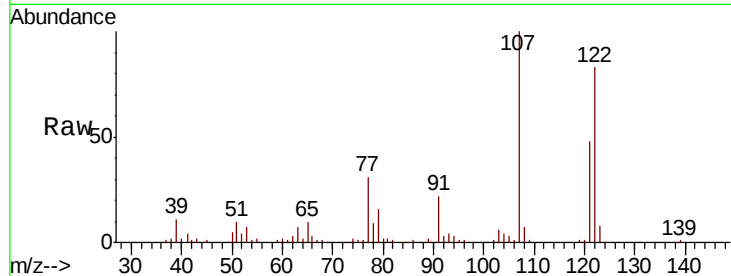
#27
2,4-Dimethylphenol
Concen: 48.351 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

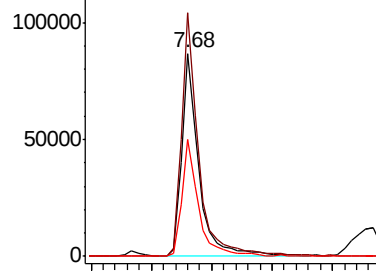
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	96.8	145.2
121	57.2	46.4	69.6

Manual Integrations
APPROVED

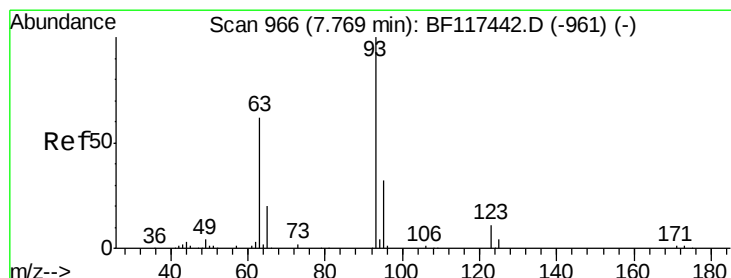
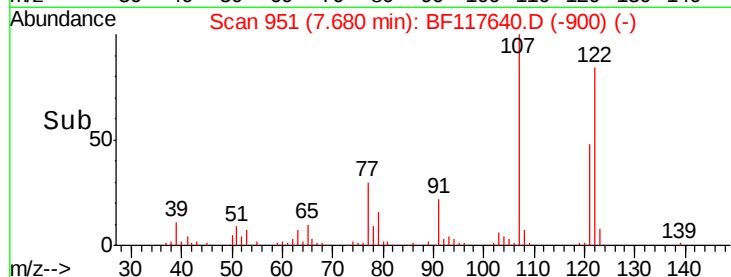
mohammad
10/31/2019 3:11:11 PM



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

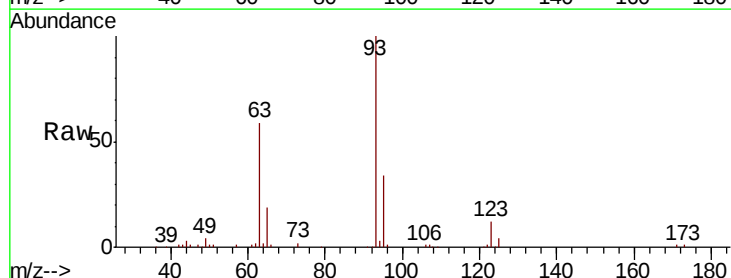


Time-->

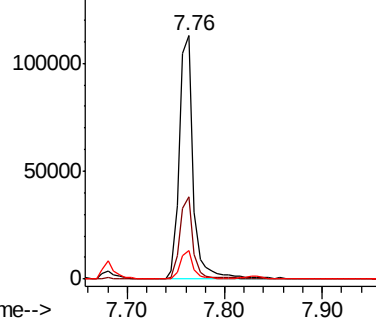


#28
bis(2-Chloroethoxy)methane
Concen: 38.766 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

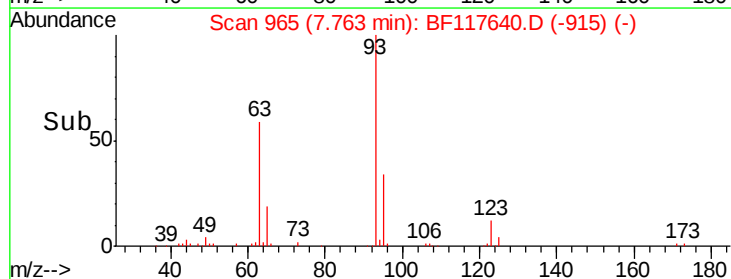
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.5	38.3
123	11.5	9.0	13.6

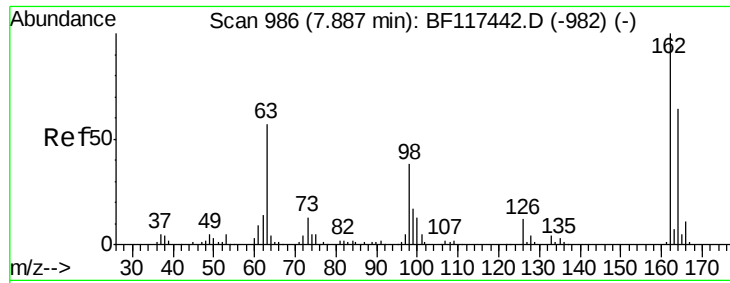


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



Time-->





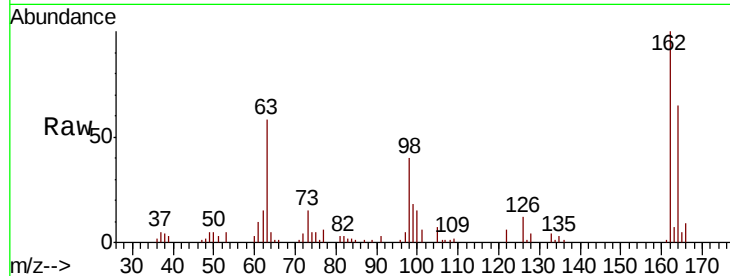
#29
2,4-Dichlorophenol
Concen: 40.520 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.4	84.4
98	39.7	18.2	58.2

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

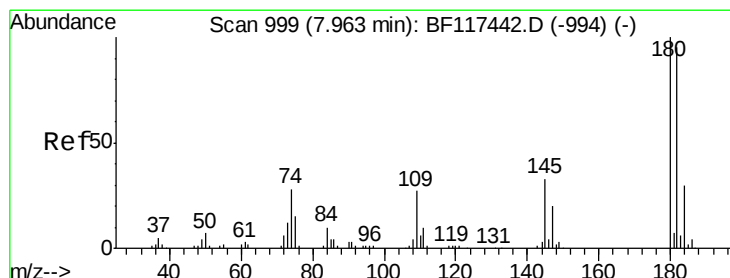
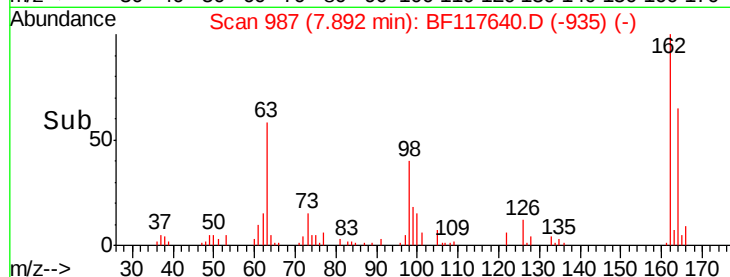
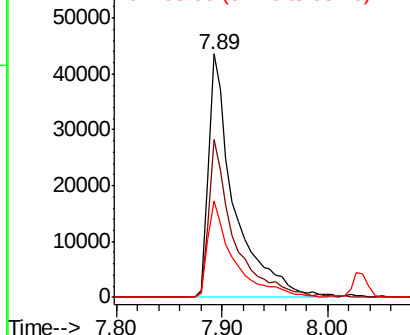


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.443 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

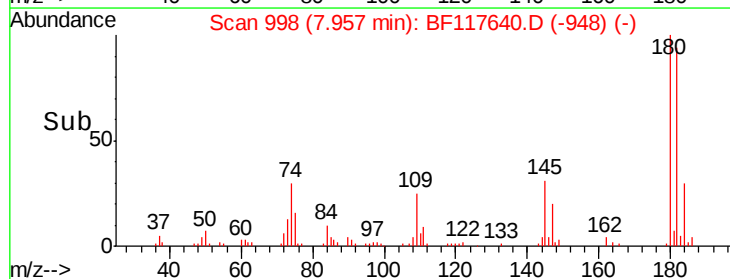
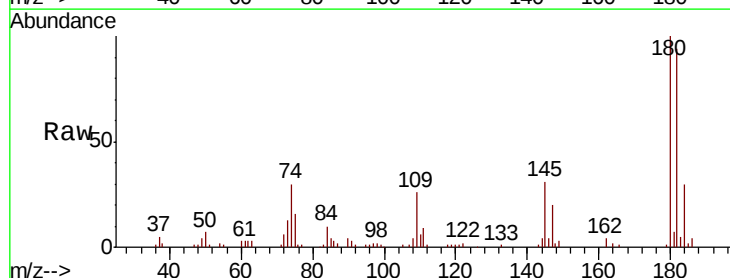
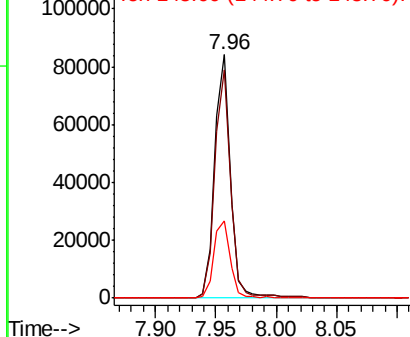
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	31.5	26.5	39.7

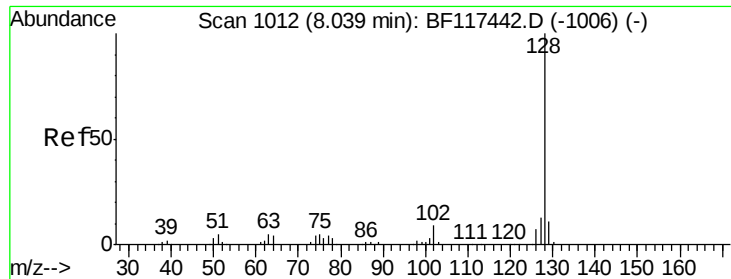
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





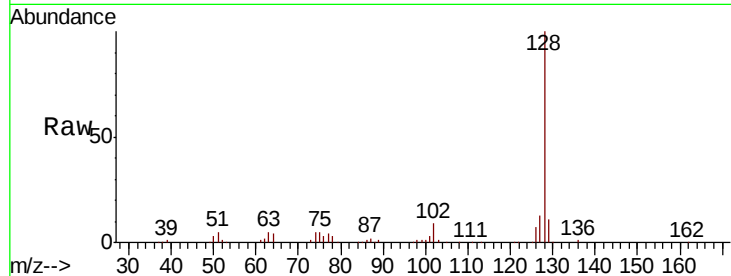
#31
Naphthalene
Concen: 40.868 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.6	10.2	15.2

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

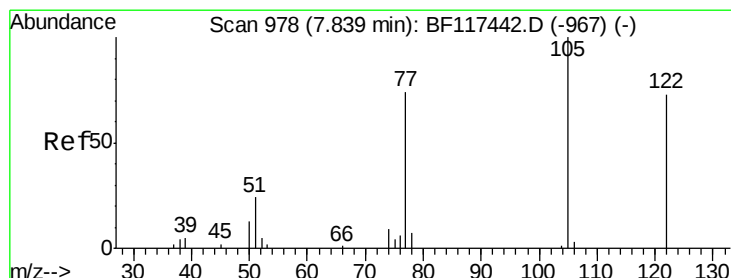
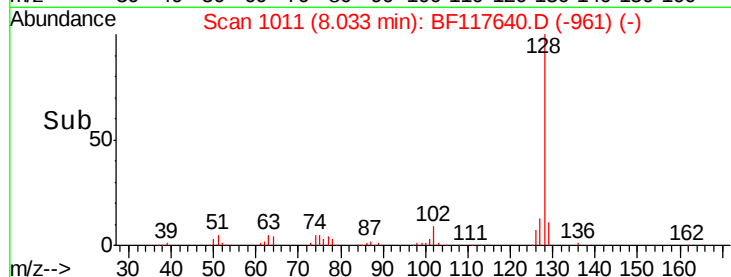
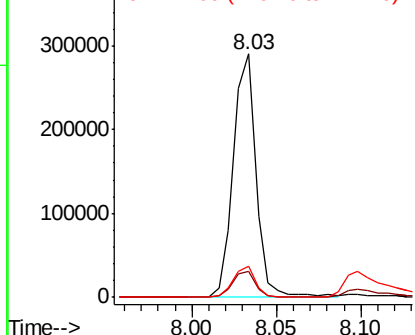


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 26.536 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

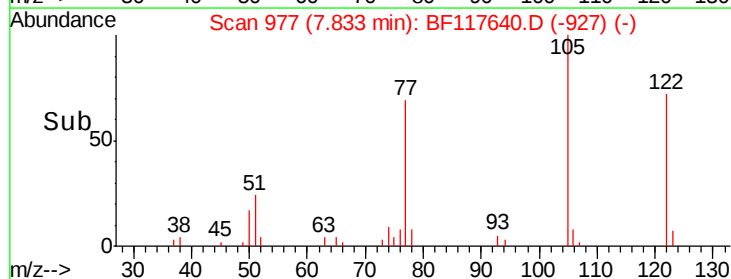
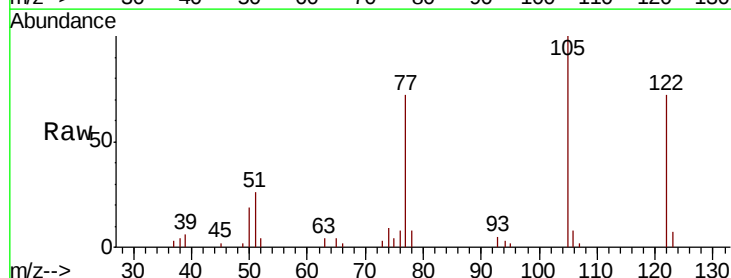
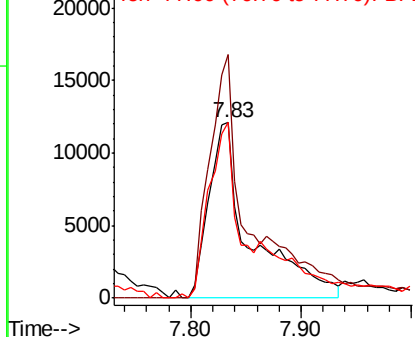
Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	138.7	115.0	155.0
77	100.1	79.7	119.7

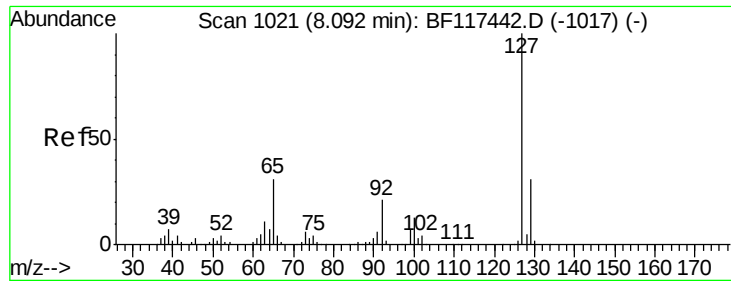
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





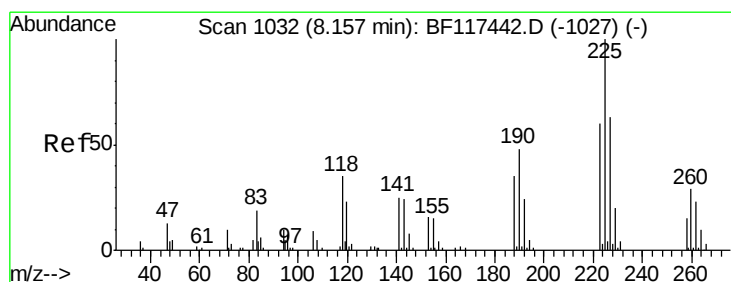
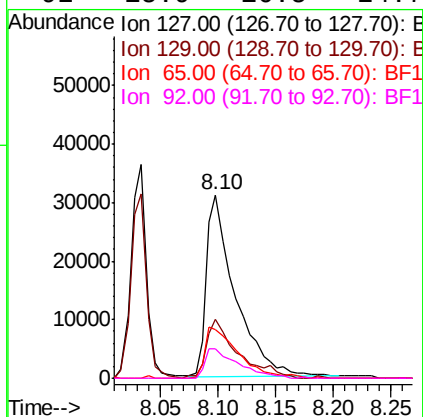
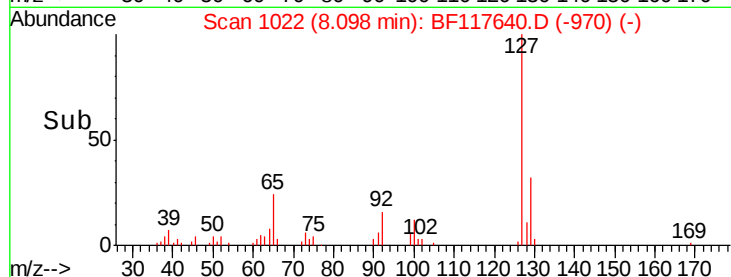
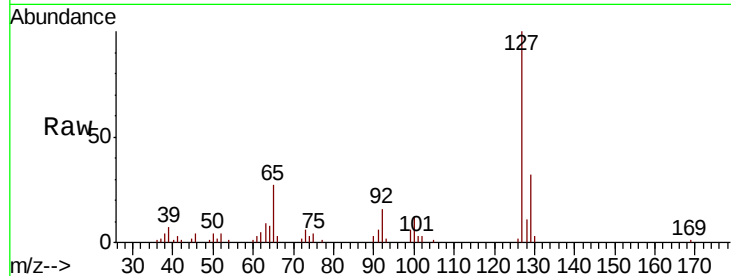
#33
4-Chloroaniline
Concen: 19.267 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	24.8	37.2		
65	26.8	24.6	37.0		
92	15.9	16.5	24.7		

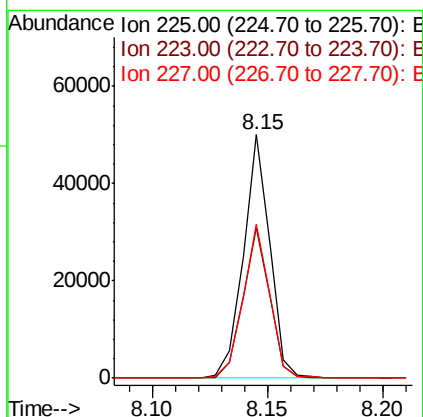
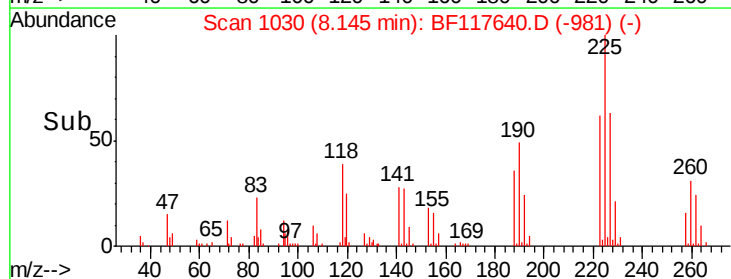
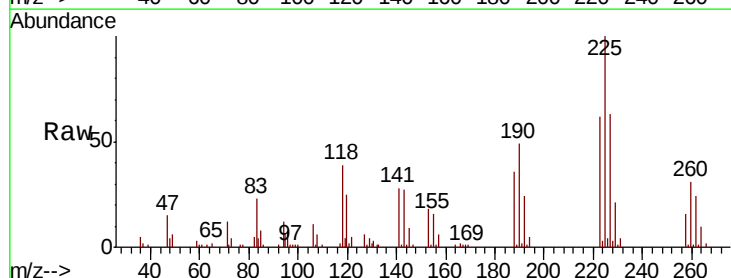
Manual Integrations
APPROVED

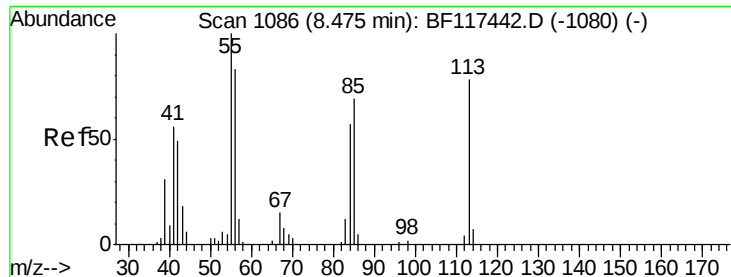
mohammad
10/31/2019 3:11:11 PM



#34
Hexachlorobutadiene
Concen: 35.125 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	48.2	72.4		
227	63.3	50.2	75.4		





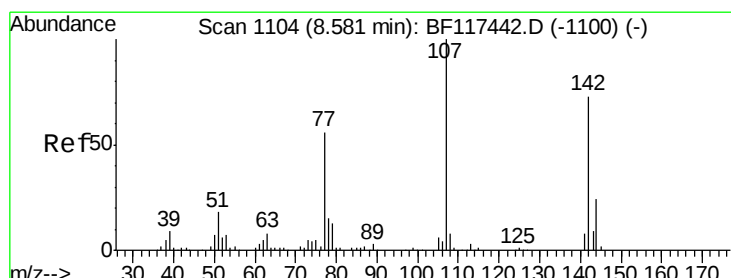
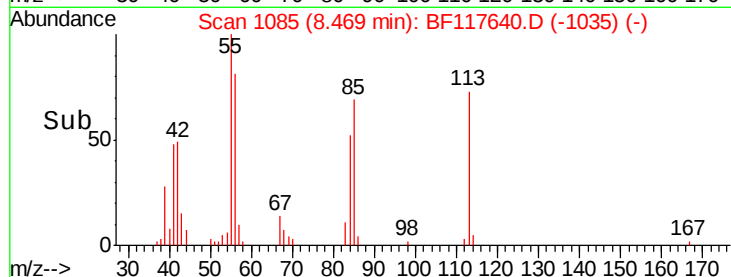
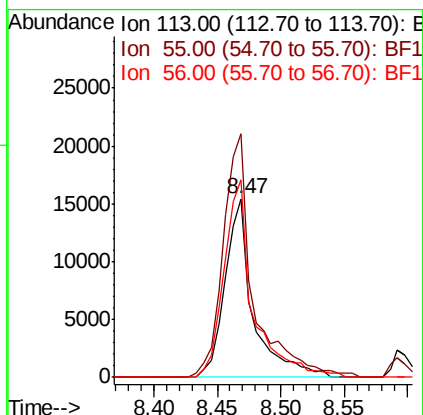
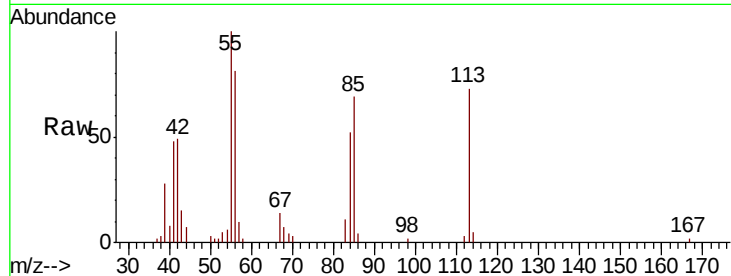
#35
Caprolactam
Concen: 40.434 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	136.4	108.8	148.8		
56	110.8	87.2	127.2		

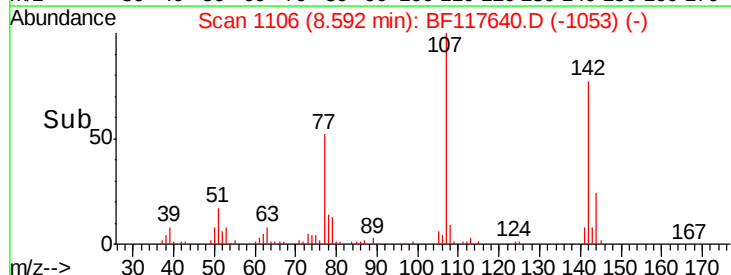
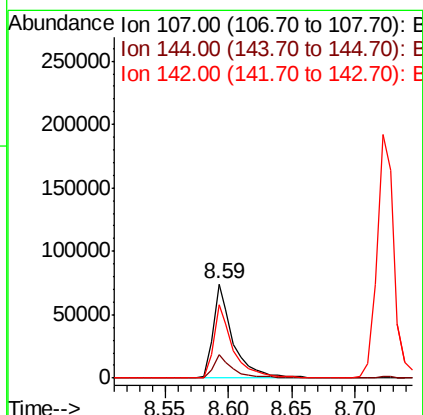
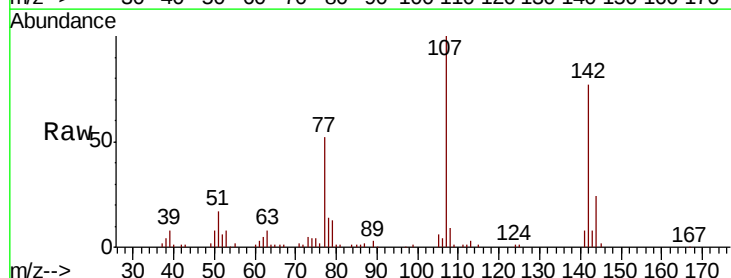
Manual Integrations
APPROVED

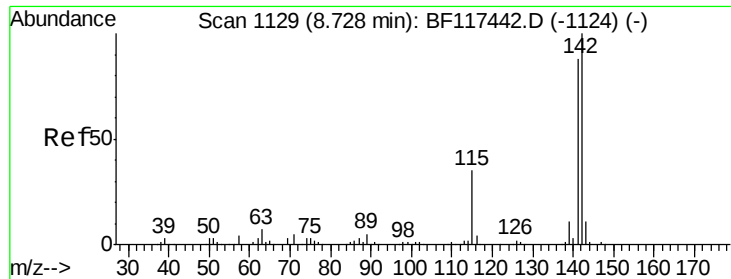
mohammad
10/31/2019 3:11:11 PM



#36
4-Chloro-3-methylphenol
Concen: 39.353 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.5	18.9	28.3		
142	77.3	58.6	88.0		





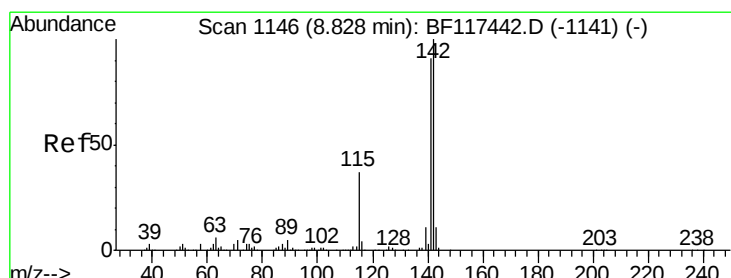
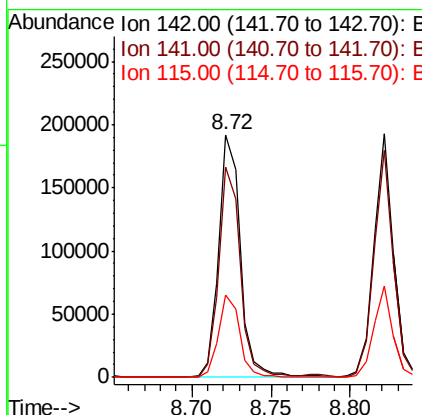
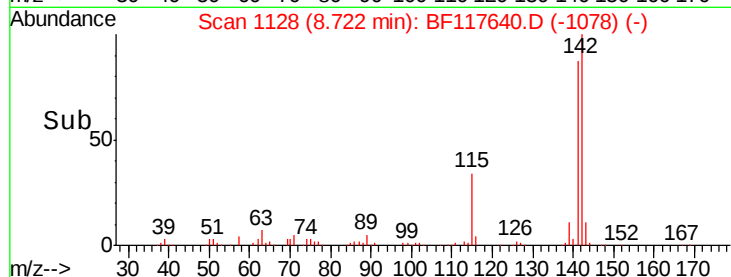
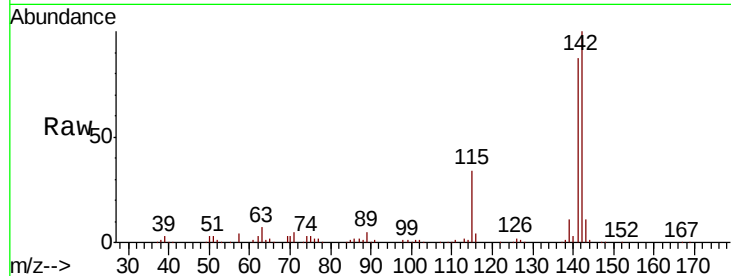
#37
2-Methylnaphthalene
Concen: 40.615 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampled :
PB124409BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.3	105.5
115	33.9	28.2	42.2

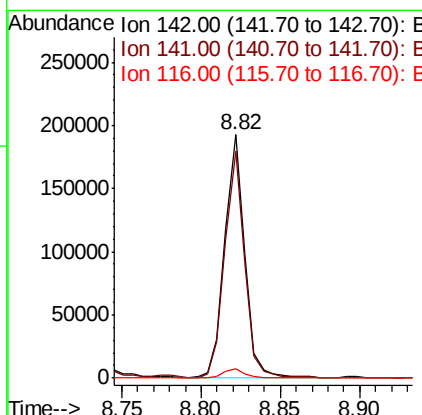
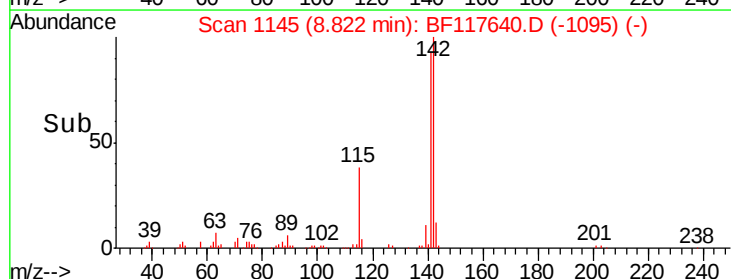
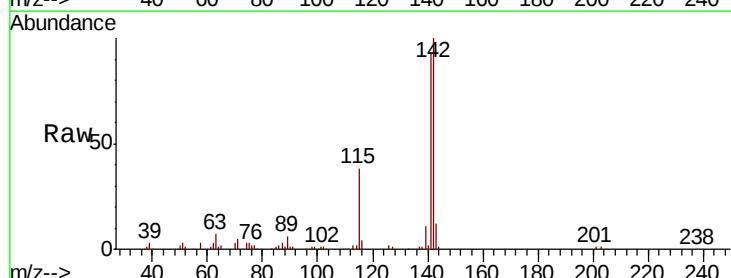
Manual Integrations
APPROVED

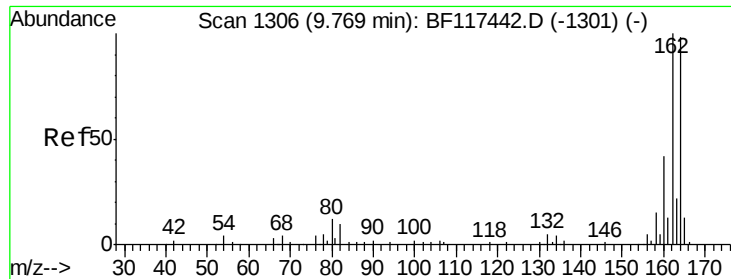
mohammad
10/31/2019 3:11:11 PM



#38
1-Methylnaphthalene
Concen: 39.575 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

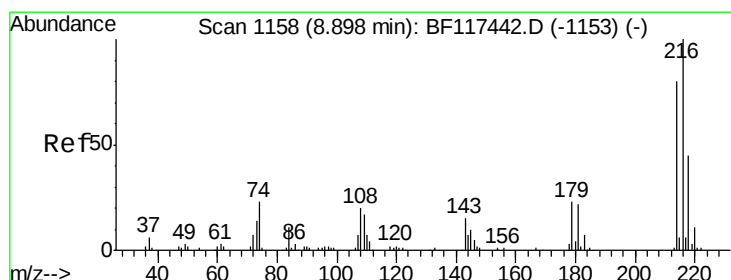
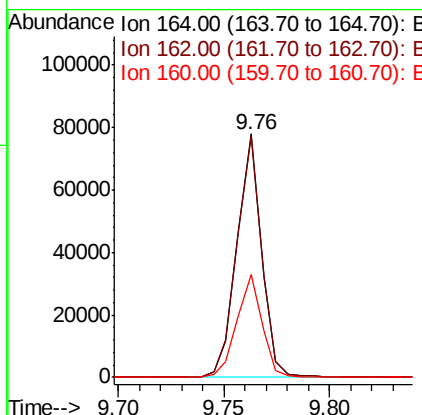
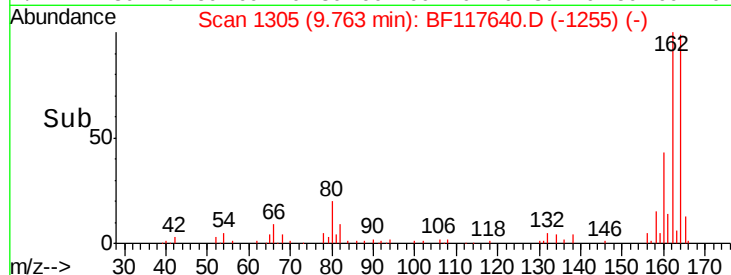
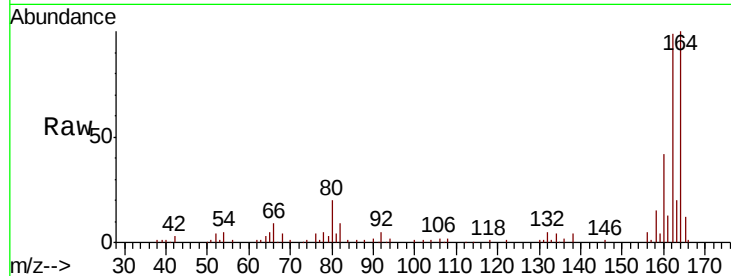
ClientSampleId :

PB124409BS

Tot Ion:	164	Resp:	62485
Ion Ratio	Lower	Upper	
164	100		
162	98.8	81.8	122.6
160	42.1	34.4	51.6

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.772 ng

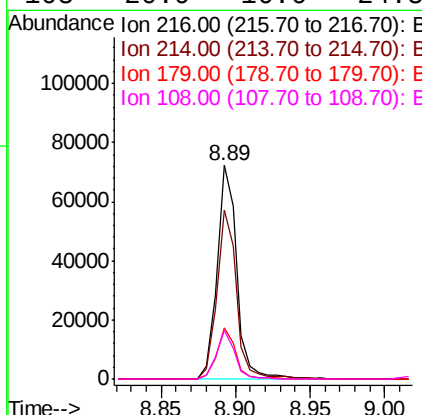
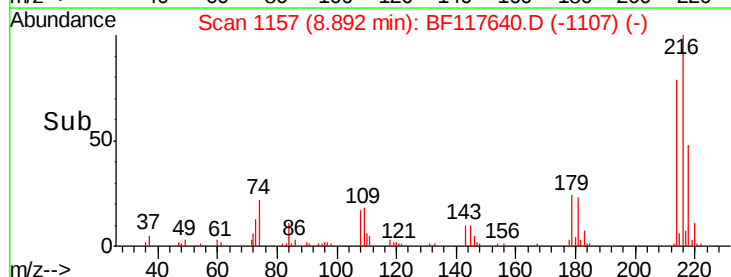
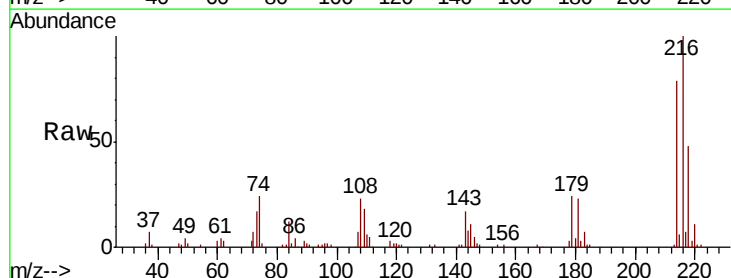
RT: 8.89 min Scan# 1157

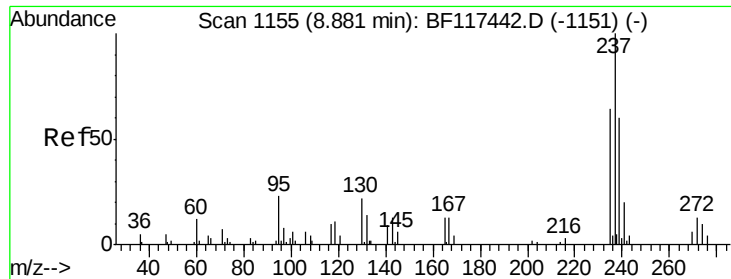
Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	216	Resp:	66934
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.4	93.6
179	22.7	18.1	27.1
108	20.9	16.6	24.8





#41

Hexachlorocyclopentadiene

Concen: 11.133 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

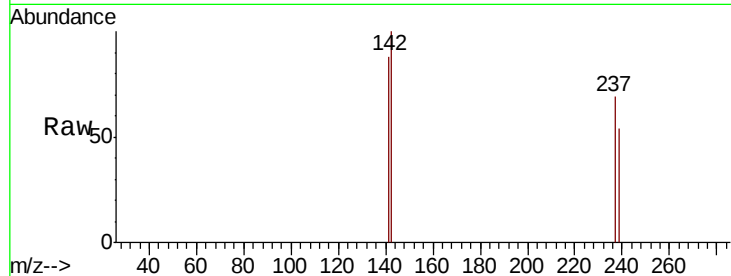
ClientSampleId :

PB124409BS

Tot Ion:	237	Resp:	286
Ion Ratio	Lower	Upper	
237	100		
235	0.0	44.3	84.3#
272	0.0	0.0	33.2

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

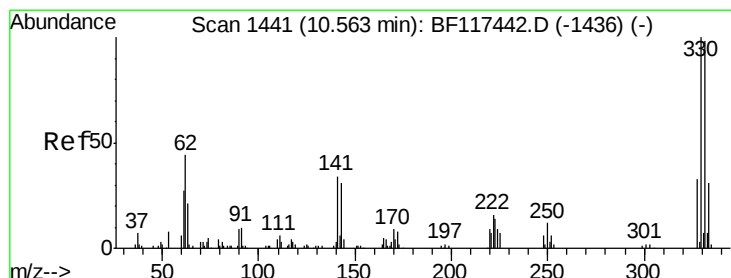
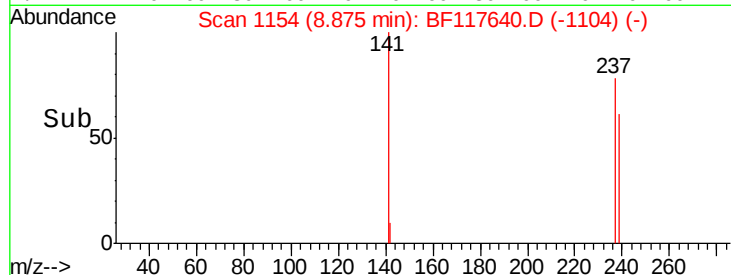


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

8.87

8.86 8.88

Time-->



#42

2,4,6-Tribromophenol

Concen: 69.532 ng

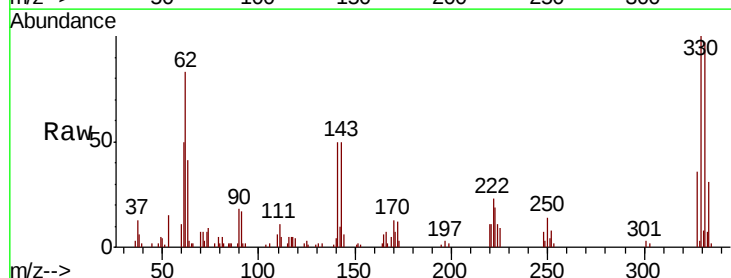
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

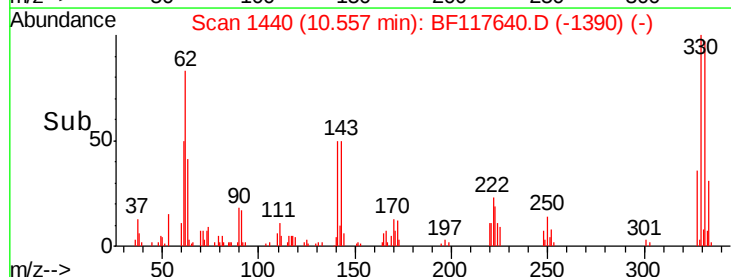
Tgt Ion:	330	Resp:	37593
Ion Ratio	Lower	Upper	
330	100		
332	94.9	78.5	117.7
141	43.3	37.0	55.6



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

10.56

Time-->





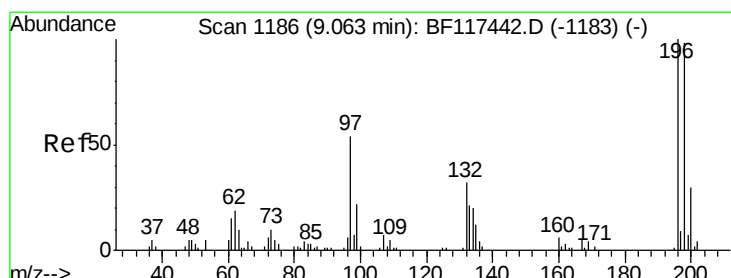
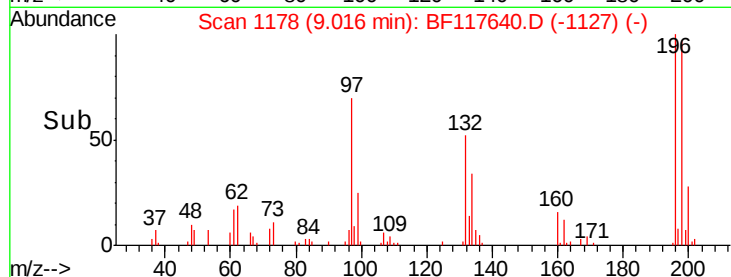
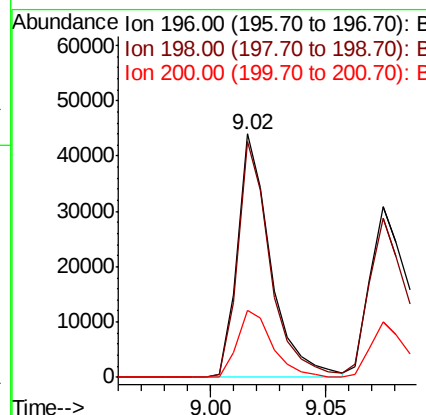
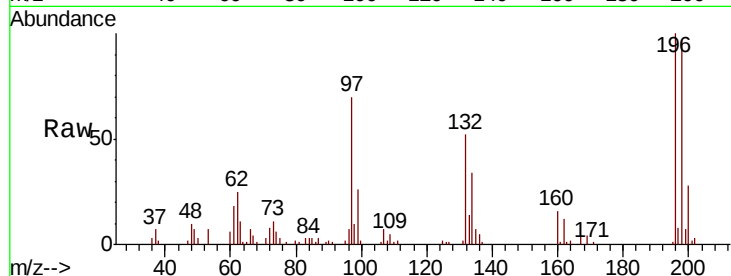
#43
 2,4,6-Trichlorophenol
 Concen: 41.794 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	44048		
198	97.1	74.1	111.1	
200	27.7	23.9	35.9	

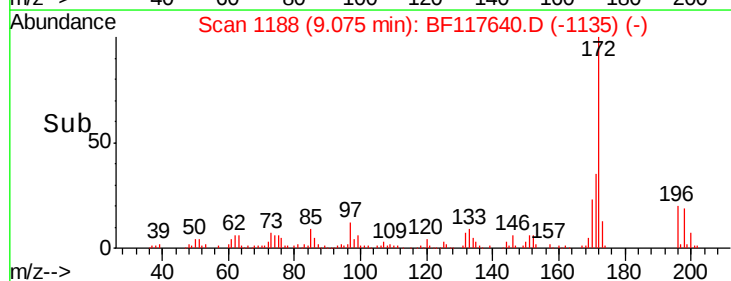
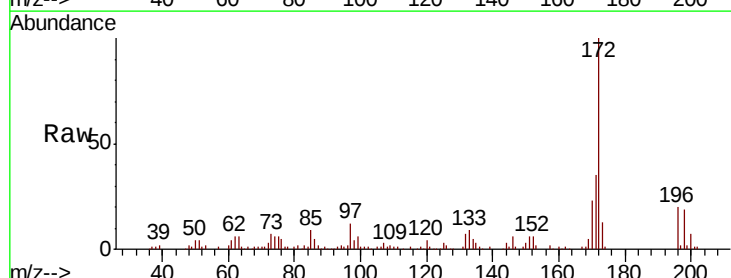
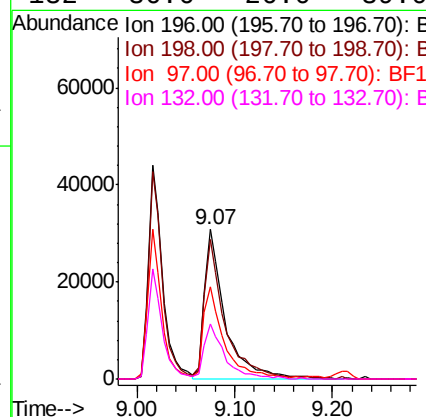
Manual Integrations
 APPROVED

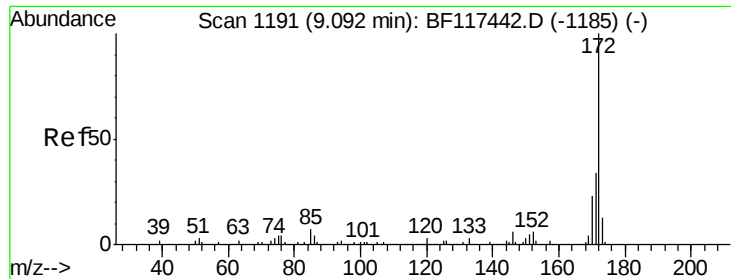
mohammad
 10/31/2019 3:11:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.801 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45710		
198	92.9	78.6	117.8	
97	61.4	43.4	65.2	
132	36.6	26.0	39.0	





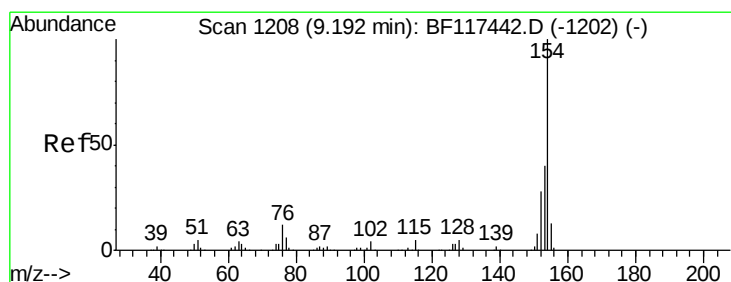
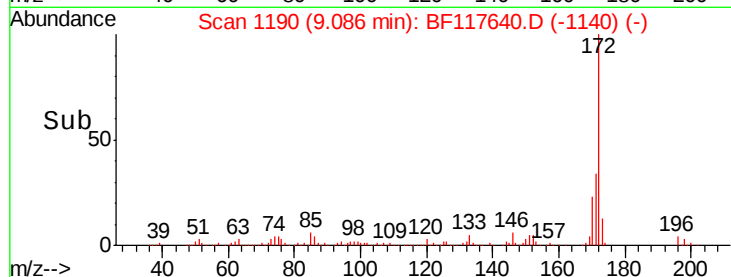
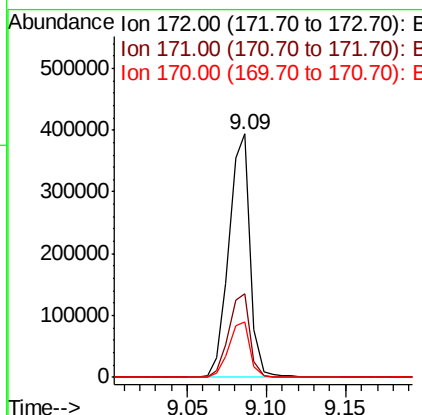
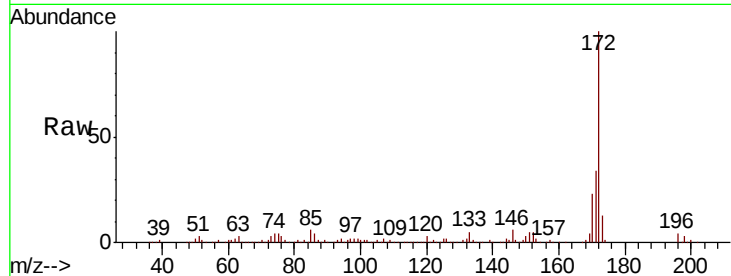
#45
2-Fluorobiphenyl
Concen: 82.186 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	364475		
171	34.2		27.5	41.3
170	22.5		18.6	27.8

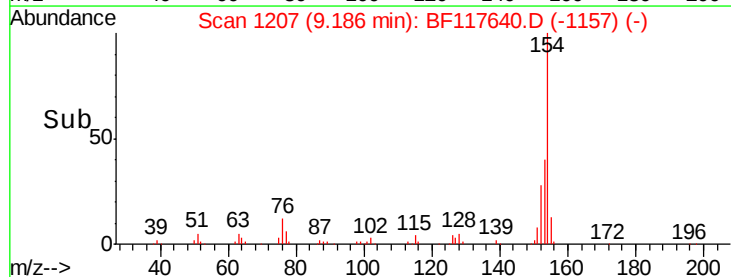
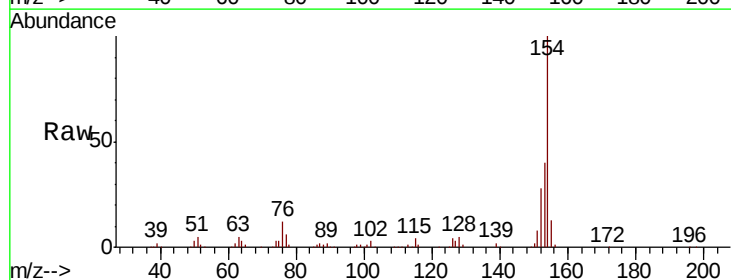
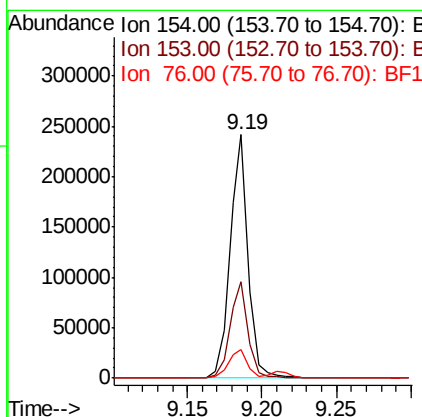
Manual Integrations
APPROVED

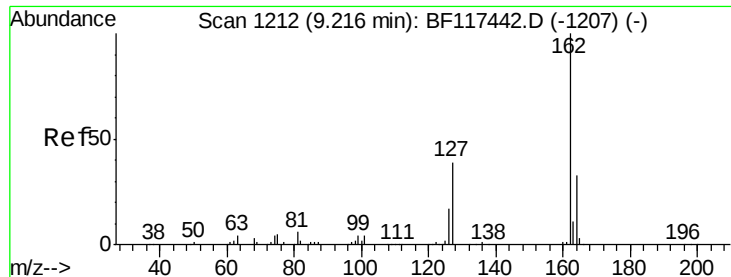
mohammad
10/31/2019 3:11:11 PM



#46
1,1'-Biphenyl
Concen: 39.967 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	206747		
153	39.7		20.2	60.2
76	11.7		0.0	32.1





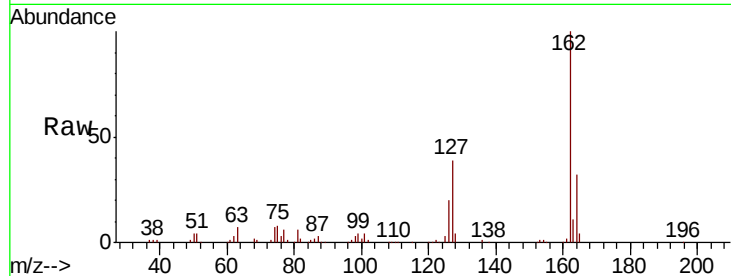
#47
2-Chloronaphthalene
Concen: 40.100 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

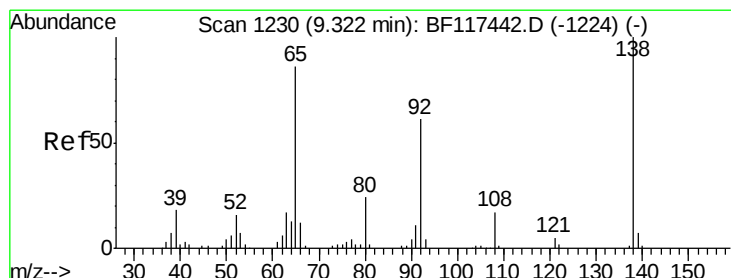
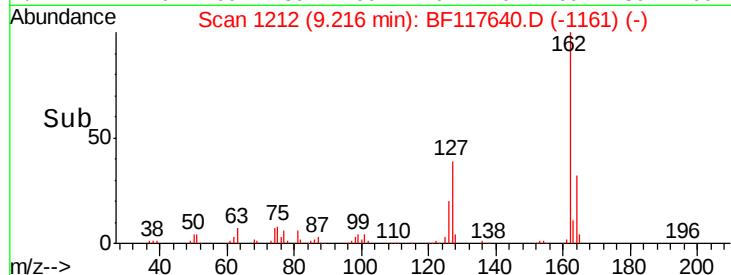
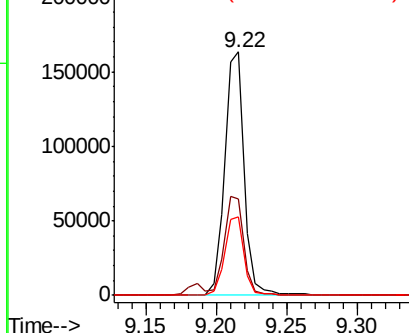
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	34.2	51.4
164	32.2	26.4	39.6

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

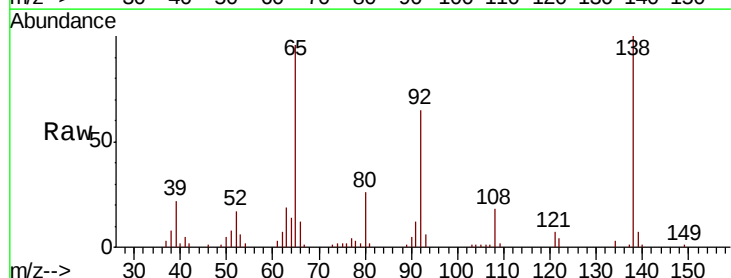


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

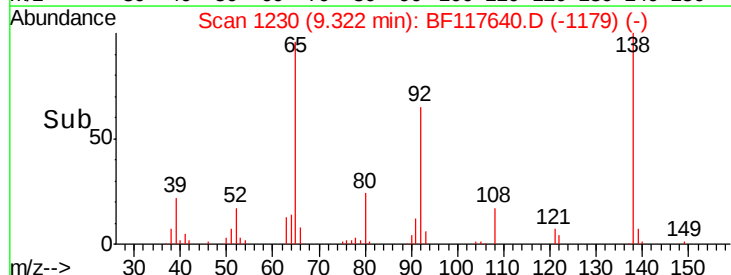
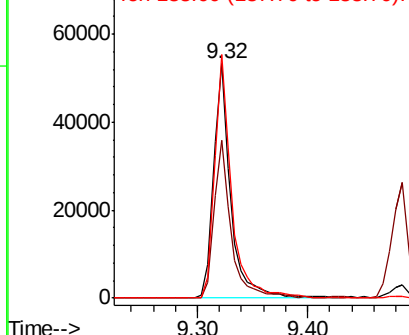


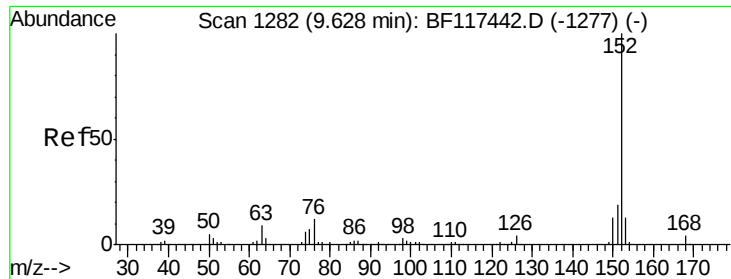
#48
2-Nitroaniline
Concen: 44.122 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	57.3	85.9
138	104.0	93.3	139.9



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





#49

Acenaphthylene

Concen: 42.168 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

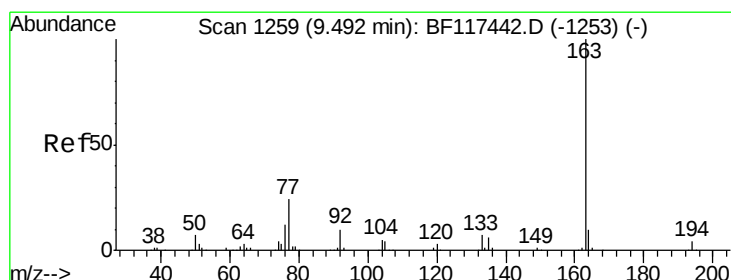
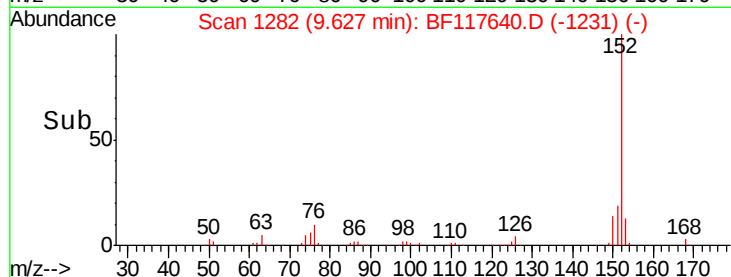
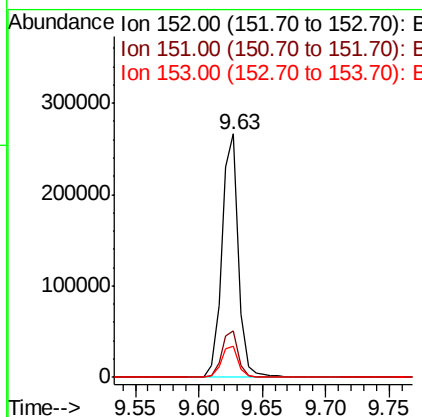
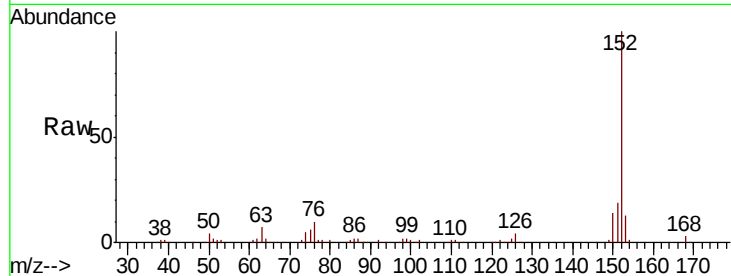
ClientSampleId :

PB124409BS

Tot Ion:	152	Resp:	241578
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.4	23.0
153	12.8	10.3	15.5

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#50

Dimethylphthalate

Concen: 41.048 ng

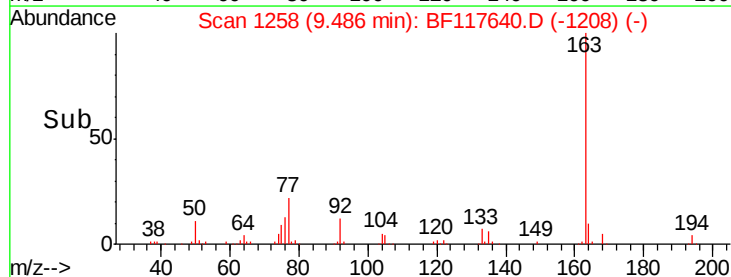
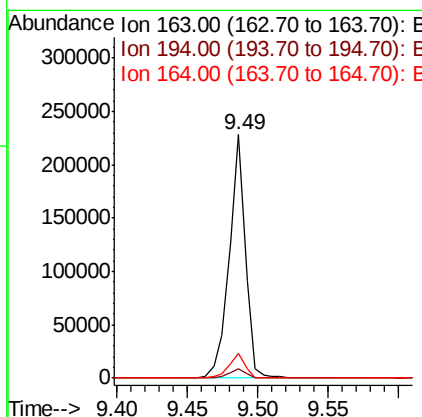
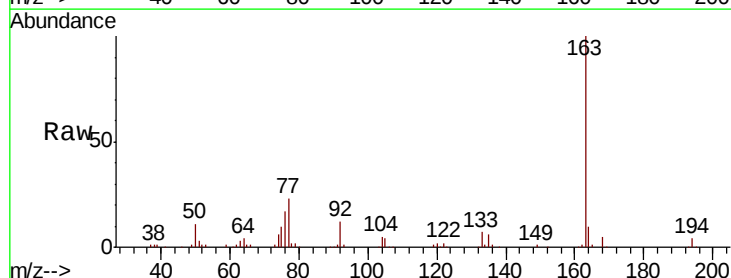
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	163	Resp:	182847
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	9.9	8.2	12.2





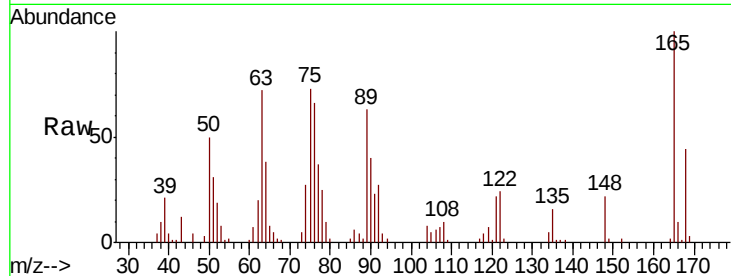
#51
2,6-Dinitrotoluene
Concen: 37.722 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	35064		
63	72.2	43.8	65.8#	
89	62.5	47.6	71.4	

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

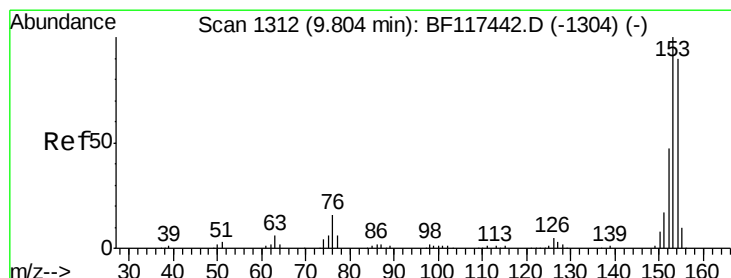
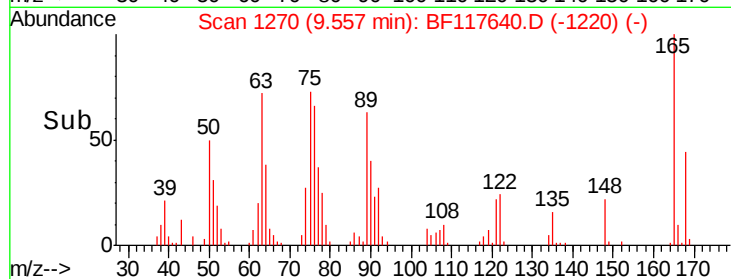
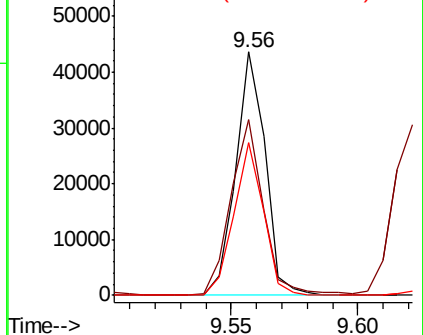


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 40.405 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

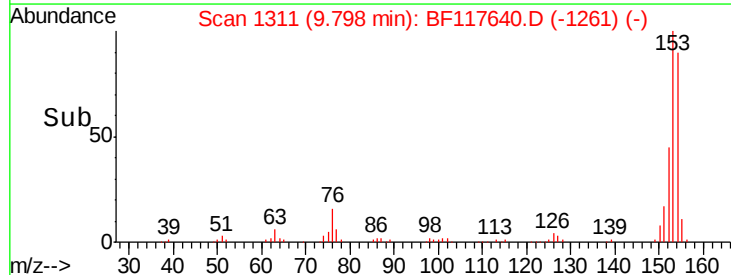
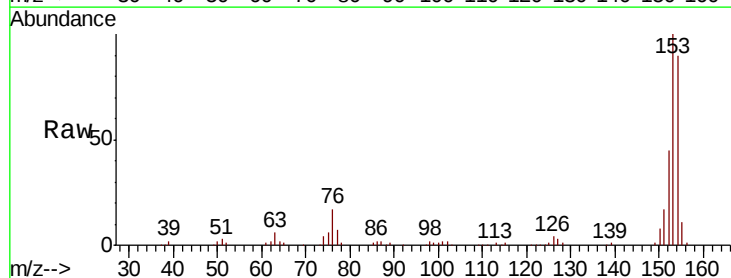
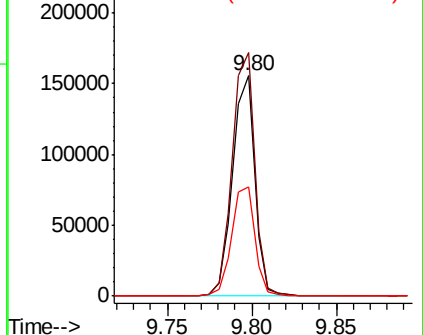
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	142016		
153	110.5	89.2	133.8	
152	49.6	41.8	62.6	

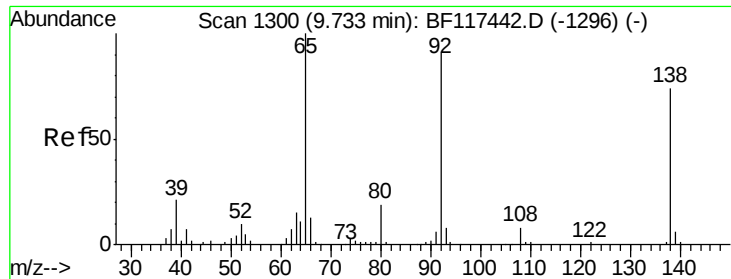
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





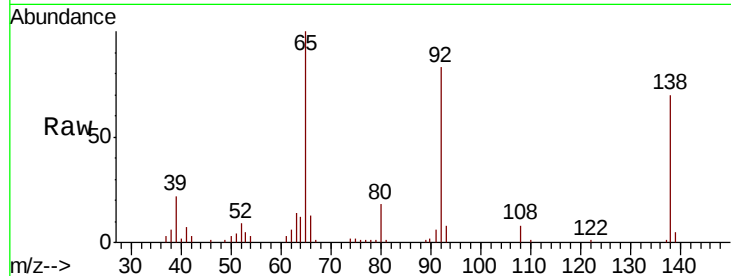
#53
3-Nitroaniline
Concen: 32.503 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.7	13.1
92	118.5	98.4	147.6

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

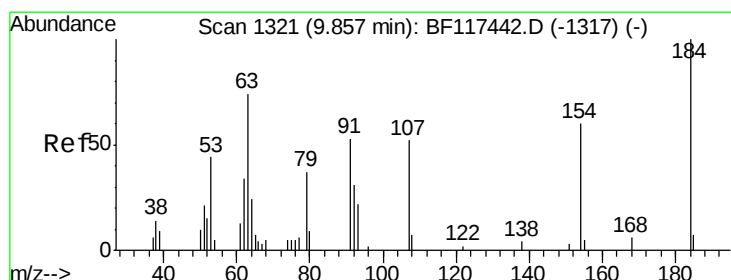
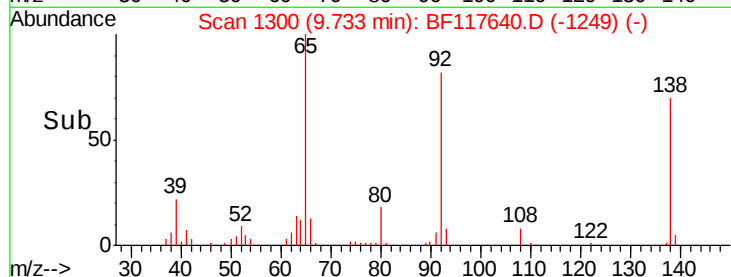
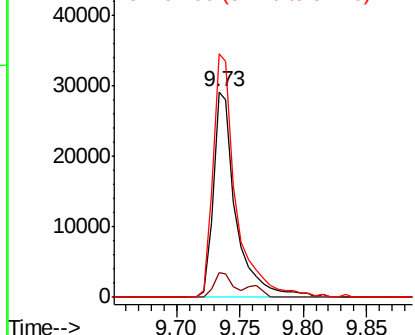


Abundance

Ion 138.00 (137.70 to 138.70): E

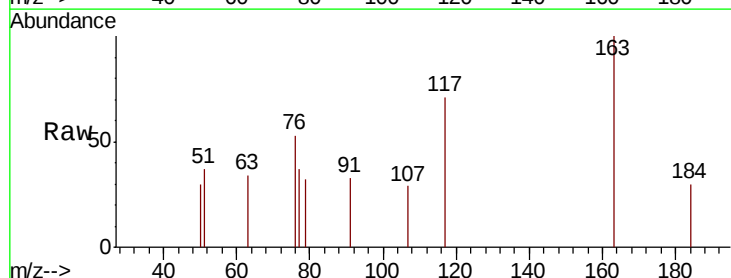
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 5.108 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.04 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	113.2	59.2	88.8#
154	0.0	53.4	80.0#

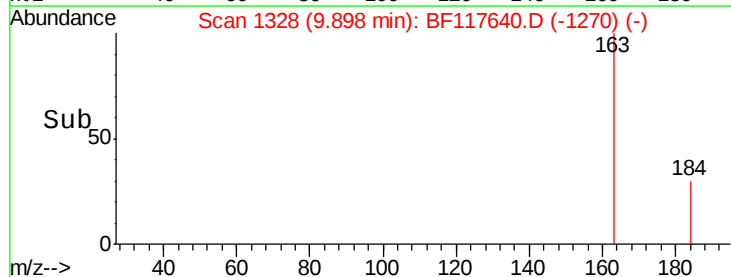
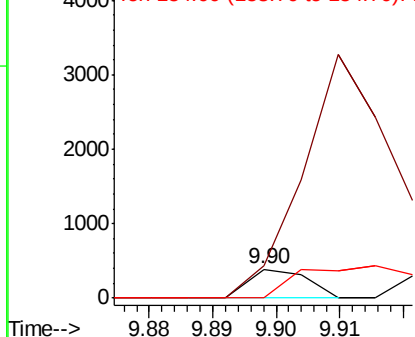


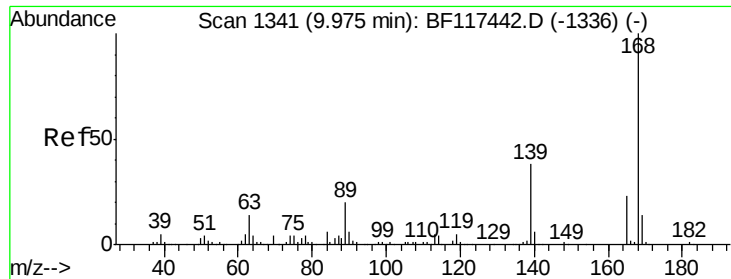
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





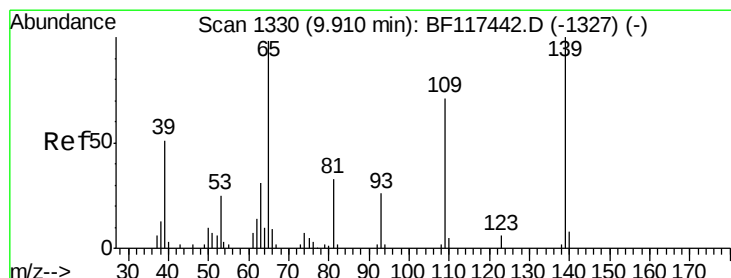
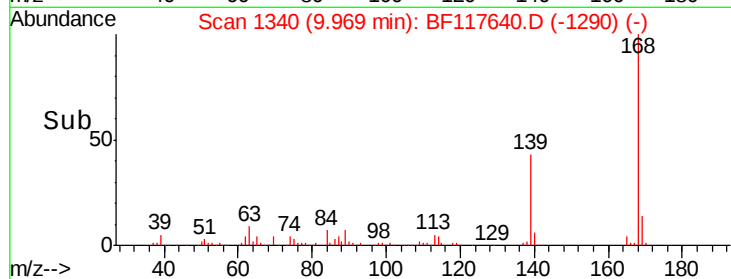
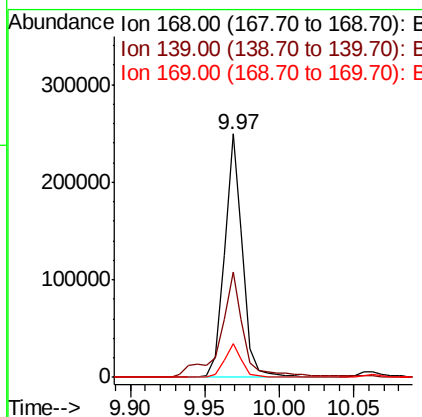
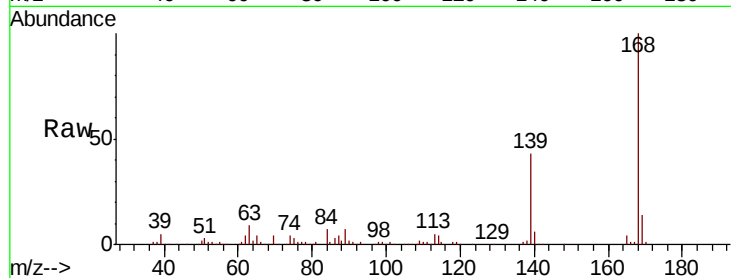
#55
Dibenzofuran
Concen: 41.524 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	31.8	47.6
169	13.8	11.2	16.8

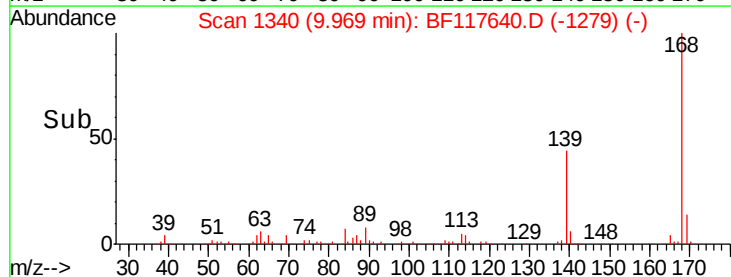
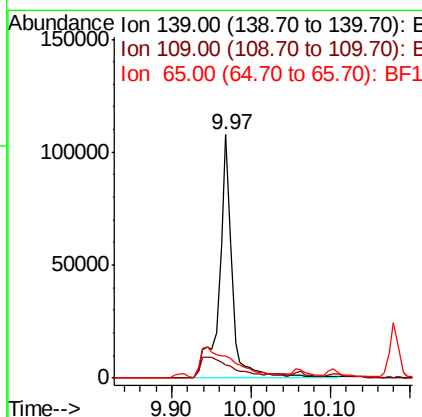
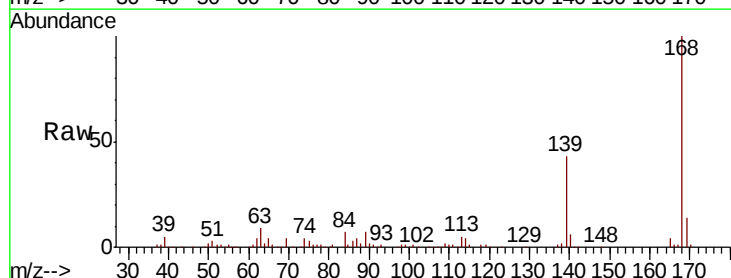
Manual Integrations
APPROVED

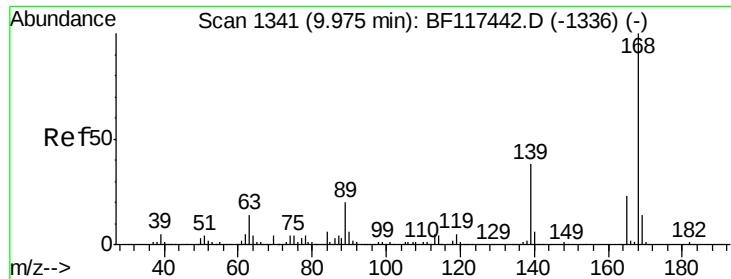
mohammad
10/31/2019 3:11:11 PM



#56
4-Nitrophenol
Concen: 229.993 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.3	51.4	91.4#
65	9.0	79.4	119.4#





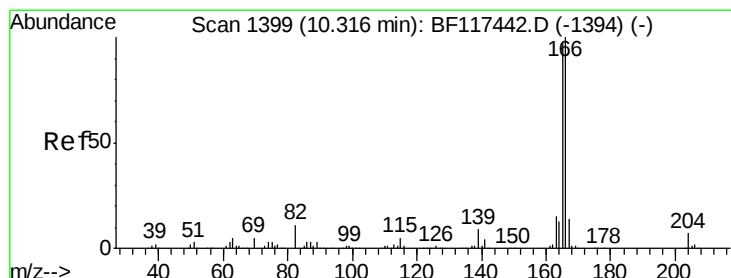
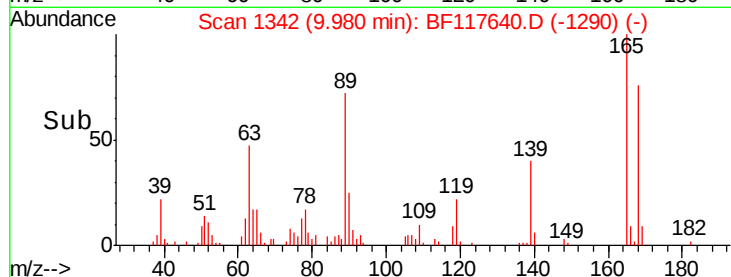
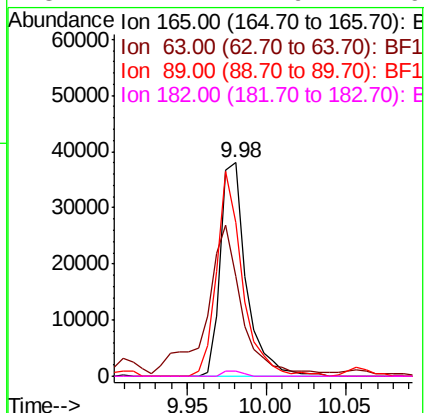
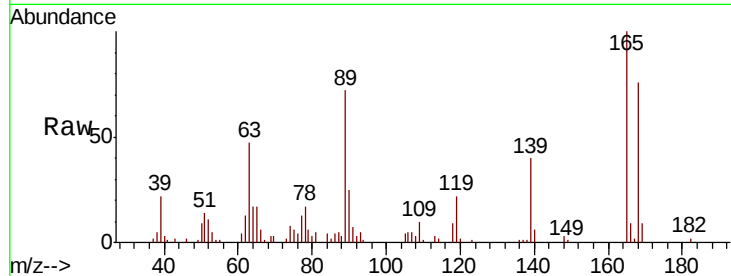
#57
2,4-Dinitrotoluene
Concen: 34.890 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43119		
63	46.8		51.4	77.0#
89	71.9		69.9	104.9
182	2.4		1.9	2.9

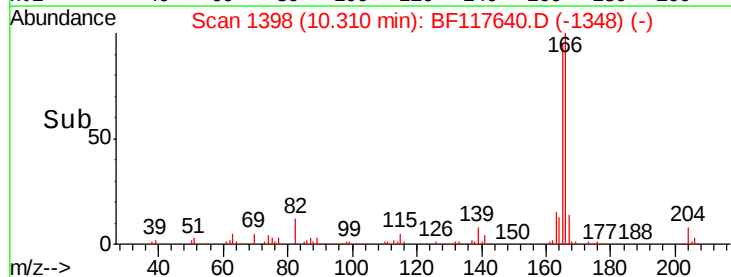
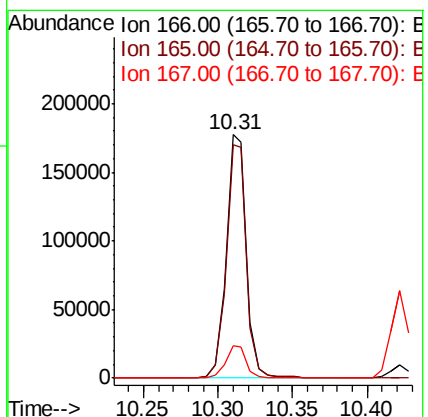
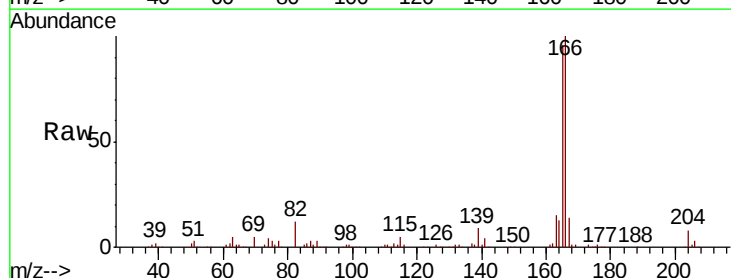
Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#58
Fluorene
Concen: 40.154 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	169092		
165	95.6		77.6	116.4
167	13.5		11.0	16.4





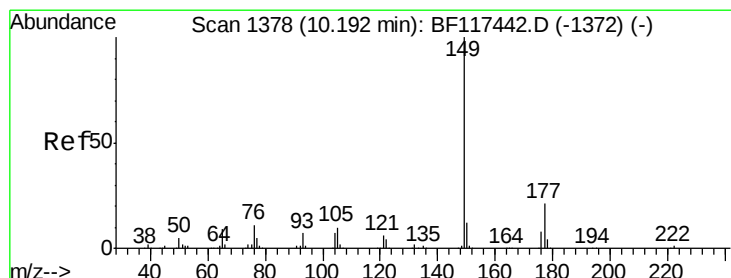
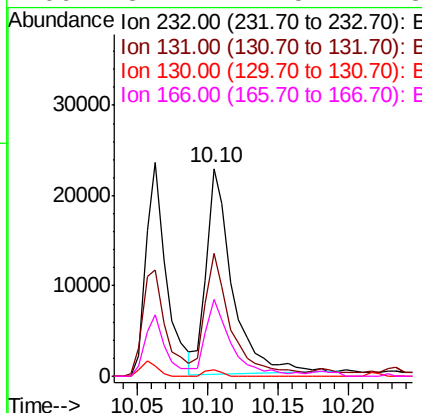
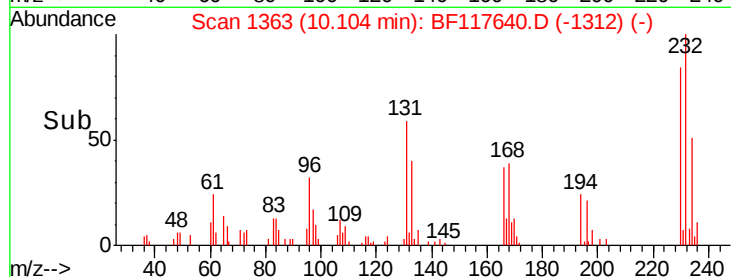
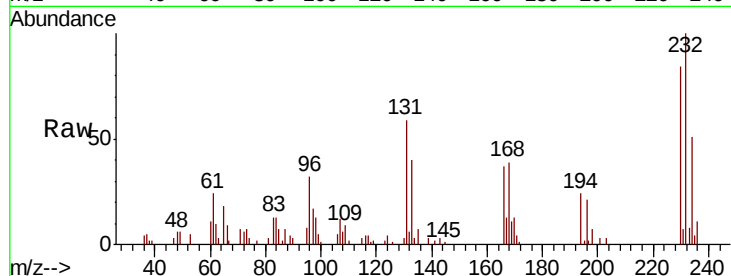
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.795 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.0	42.6	63.8
130	1.9	2.2	3.4
166	34.7	27.5	41.3

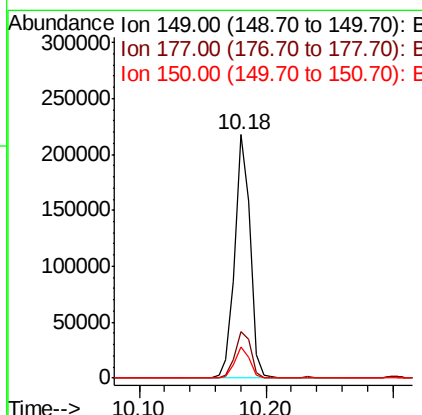
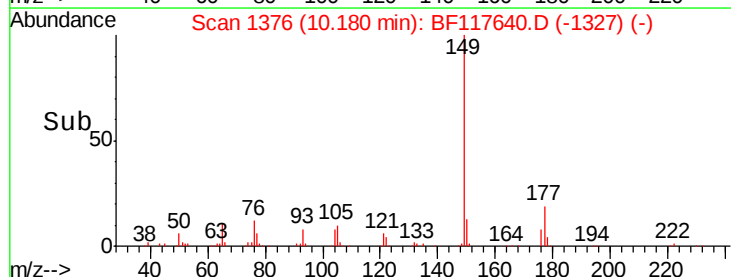
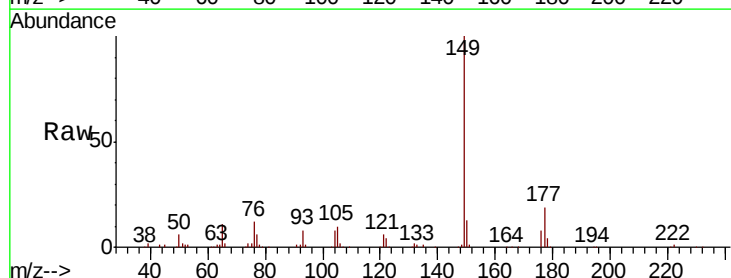
Manual Integrations
 APPROVED

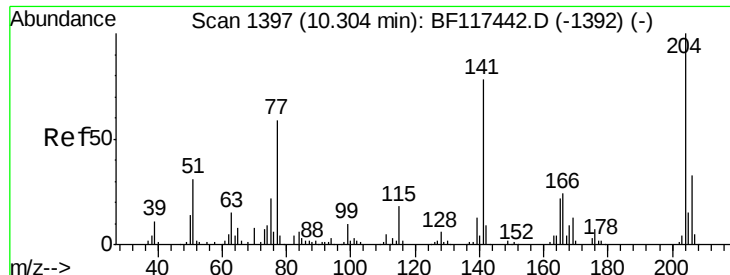
mohammad
 10/31/2019 3:11:11 PM



#60
 Diethylphthalate
 Concen: 40.083 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.1	17.0	25.4
150	12.6	9.8	14.6





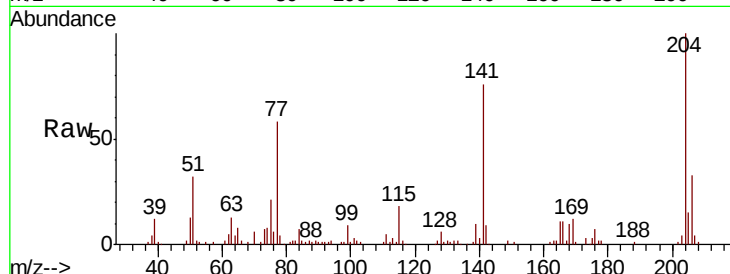
#61
4-Chlorophenyl-phenylether
Concen: 38.614 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	75.5	62.2	93.4

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

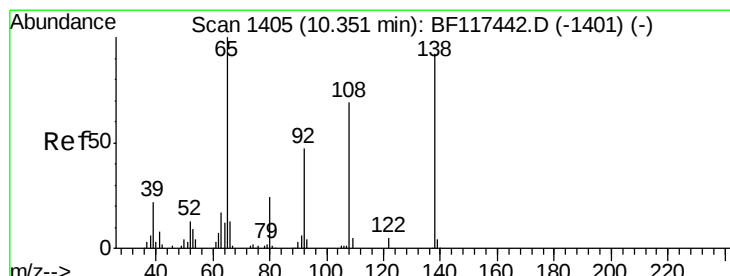
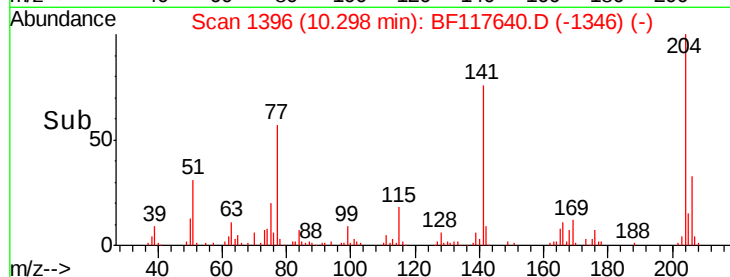
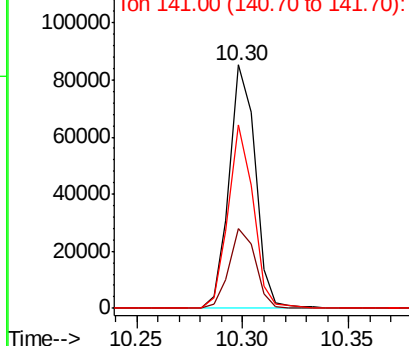


Abundance

Ion 204.00 (203.70 to 204.70): E

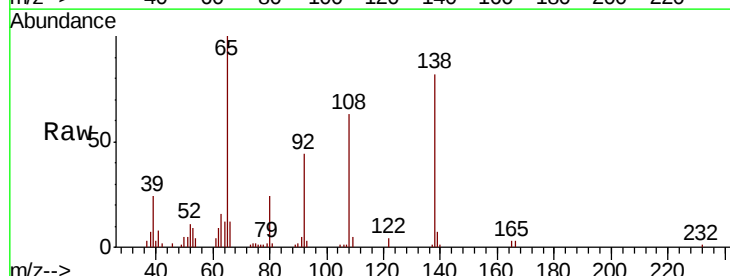
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.923 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.3	70.3
108	77.0	54.9	94.9

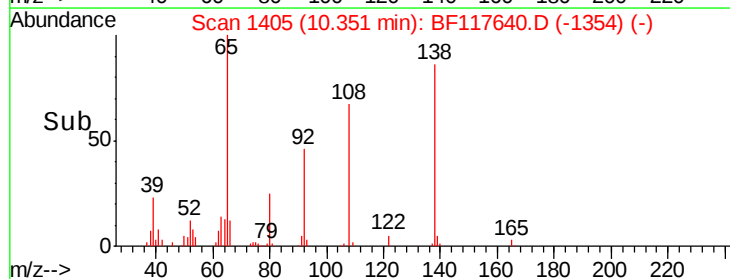
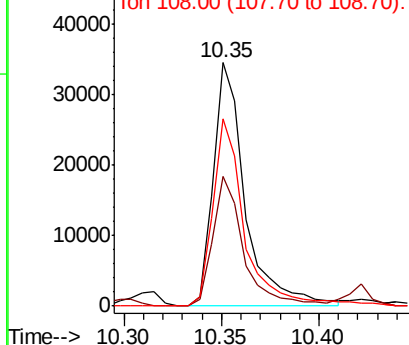


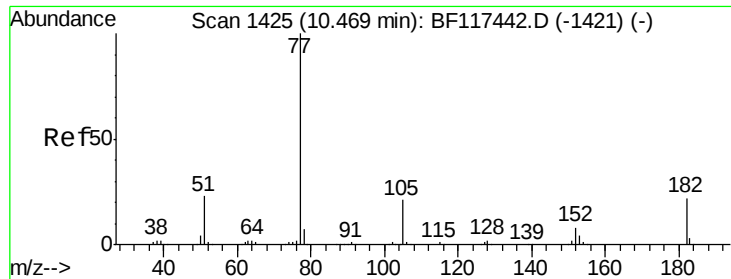
Abundance

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





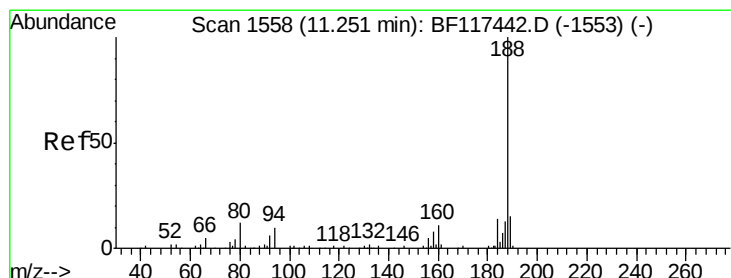
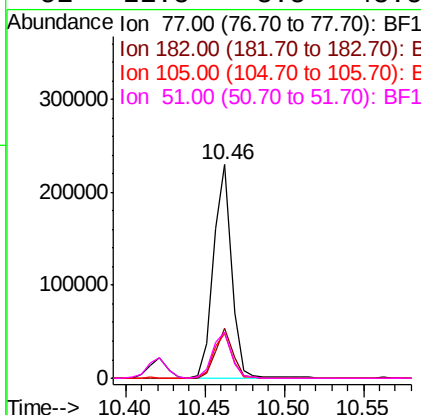
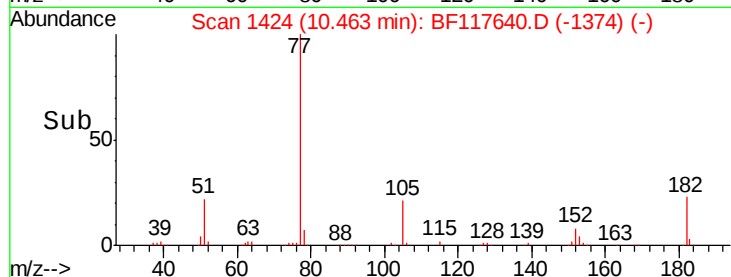
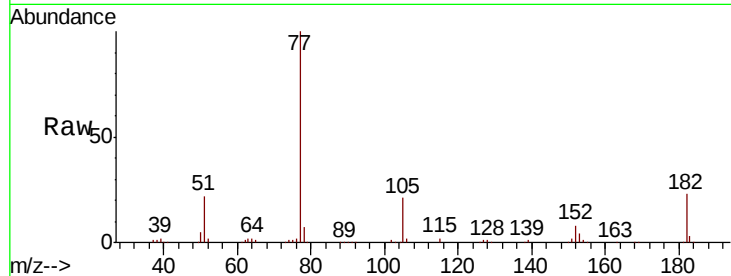
#63
Azobenzene
Concen: 39.700 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.1	2.3	42.3		
105	21.3	1.3	41.3		
51	21.8	3.5	43.5		

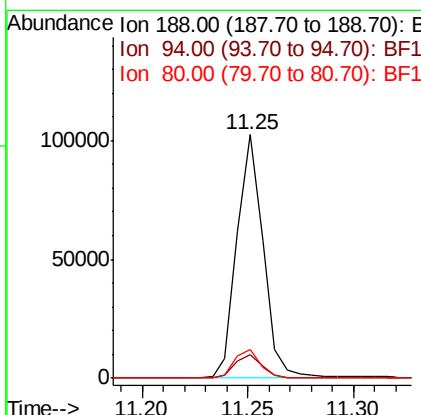
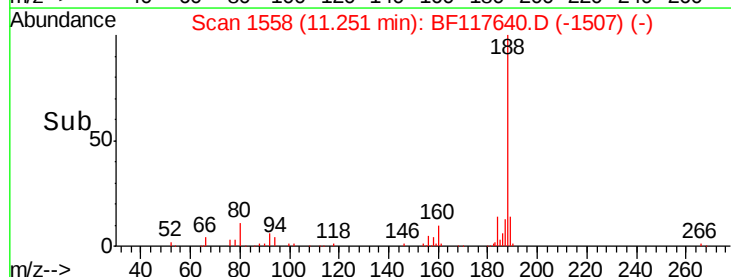
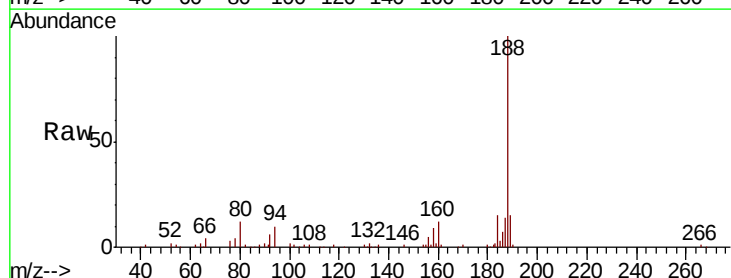
Manual Integrations
APPROVED

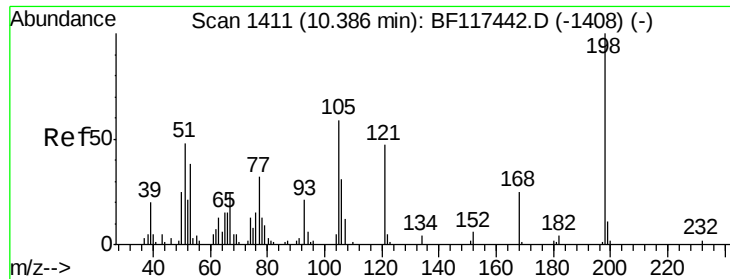
mohammad
10/31/2019 3:11:11 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	8.0	12.0		
80	11.6	9.5	14.3		





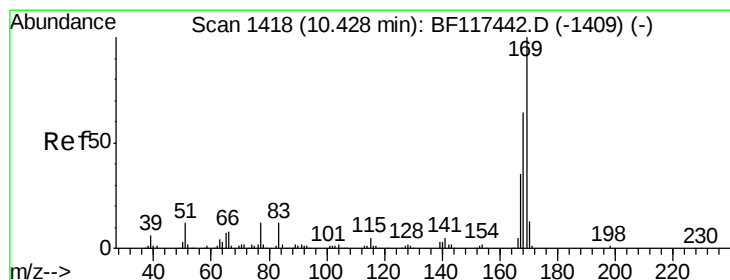
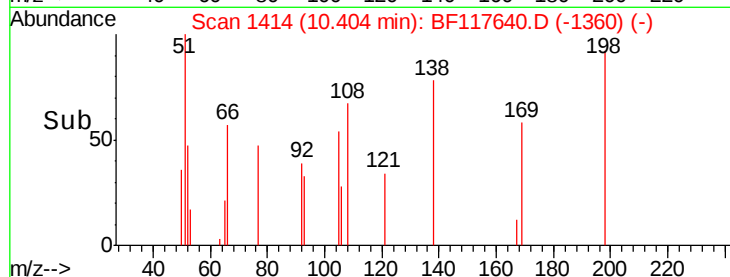
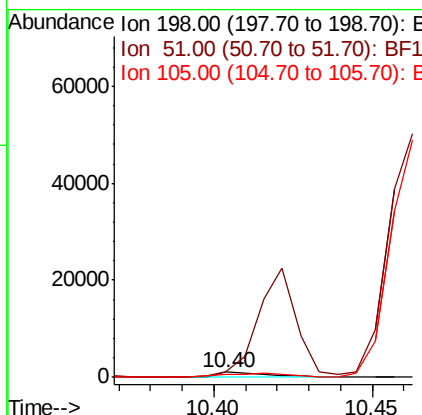
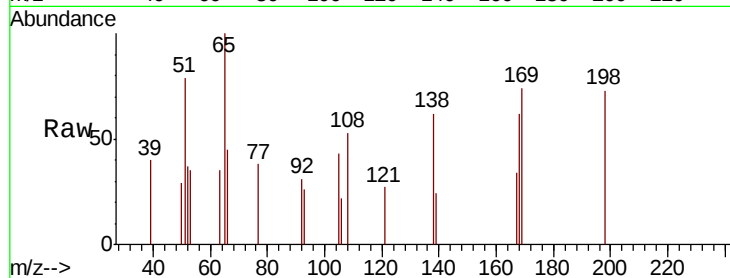
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.632 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.02 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	108.9	29.1	69.1
105	59.1	39.4	79.4

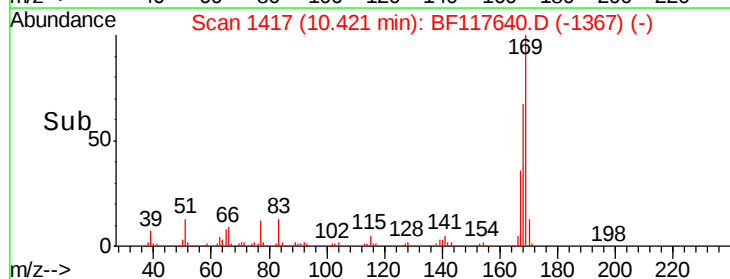
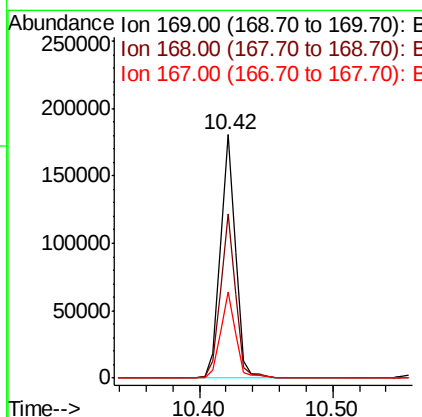
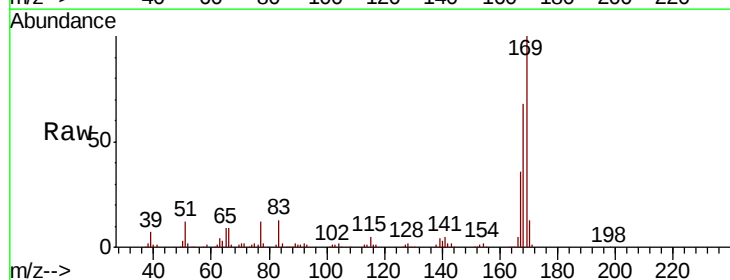
Manual Integrations
 APPROVED

mohammad
 10/31/2019 3:11:11 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.288 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	51.3	76.9
167	35.5	28.2	42.4





#67

4-Bromophenyl-phenylether

Concen: 41.082 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

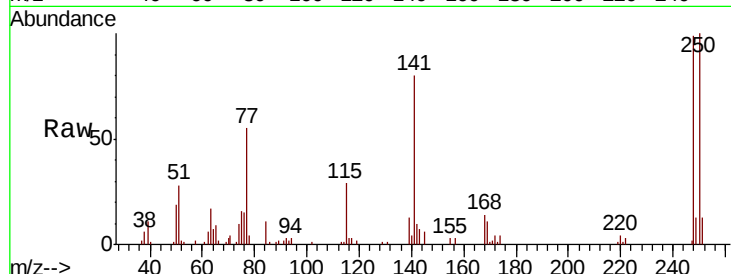
ClientSampleId :

PB124409BS

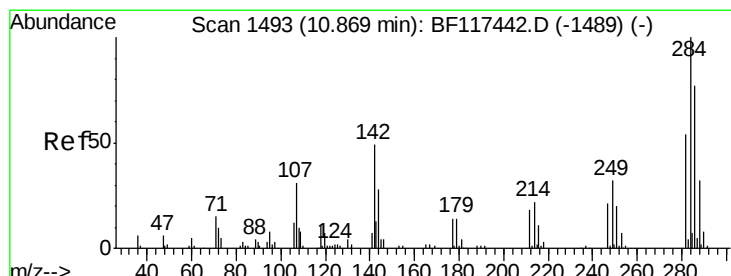
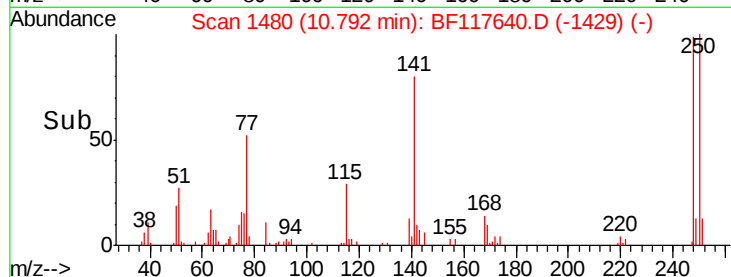
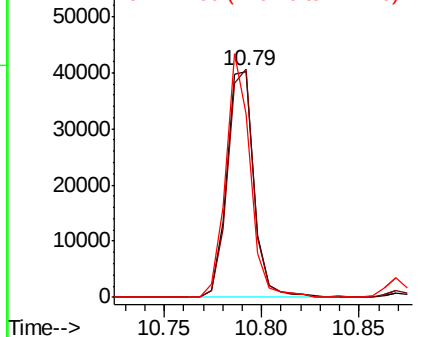
Tot Ion:	248	Resp:	38981
Ion Ratio	Lower	Upper	
248	100		
250	101.0	78.0	117.0
141	81.1	81.7	122.5#

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



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



#68

Hexachlorobenzene

Concen: 39.438 ng

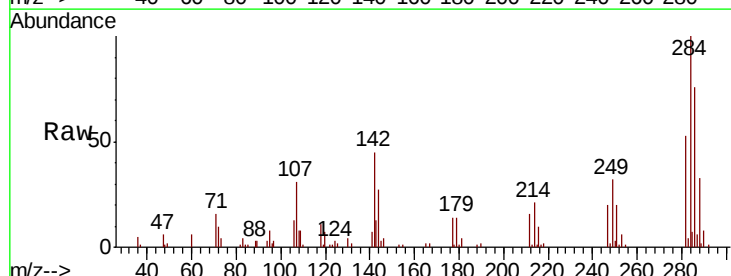
RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

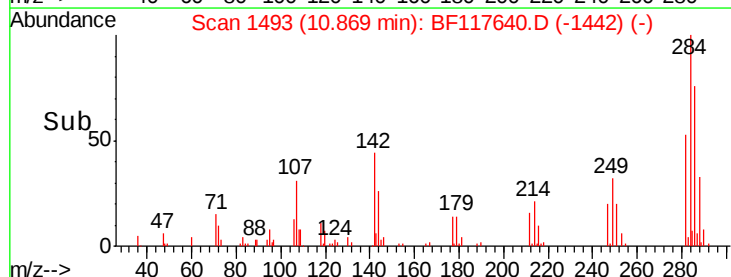
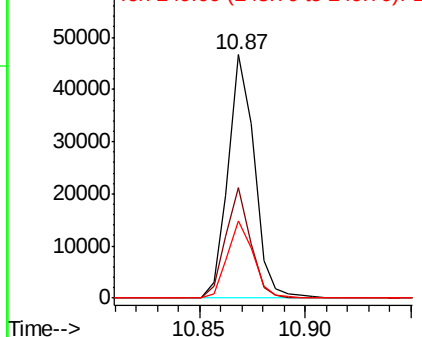
Lab File: BF117640.D

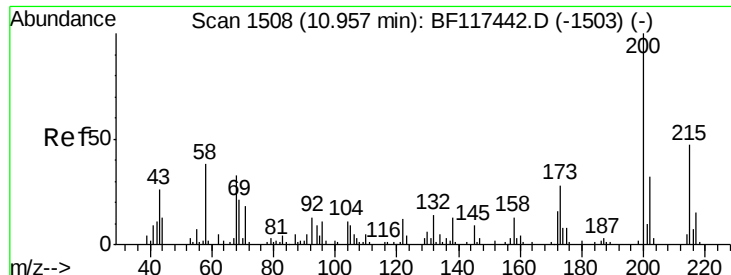
Acq: 31 Oct 2019 2:41

Tgt Ion:	284	Resp:	40076
Ion Ratio	Lower	Upper	
284	100		
142	45.3	39.0	58.6
249	31.7	25.7	38.5



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





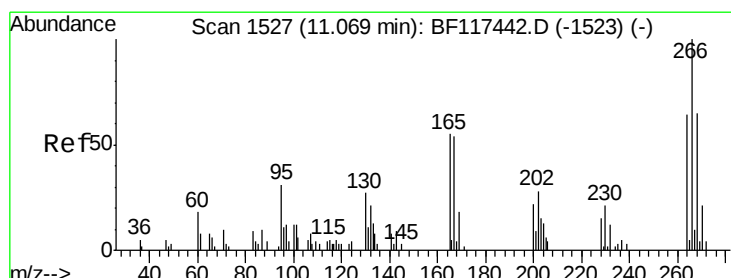
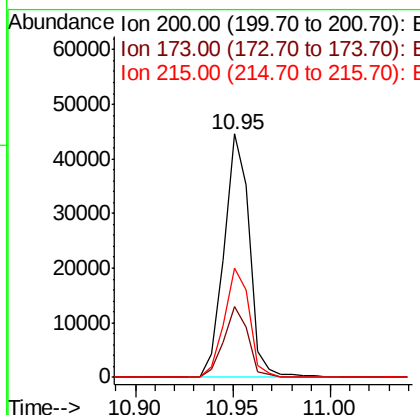
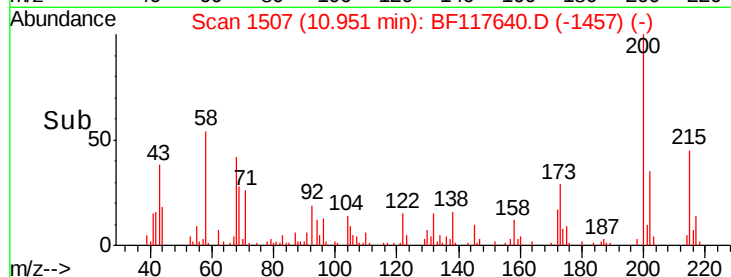
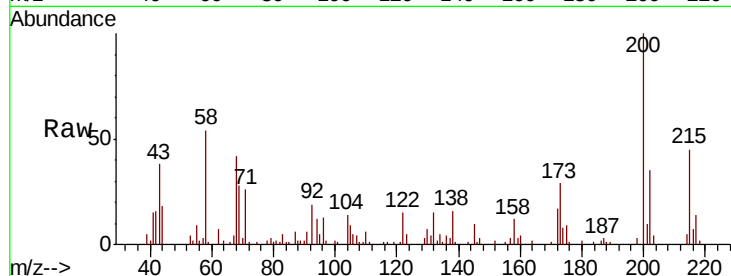
#69
Atrazine
Concen: 48.936 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	8.2	48.2
215	44.7	26.8	66.8

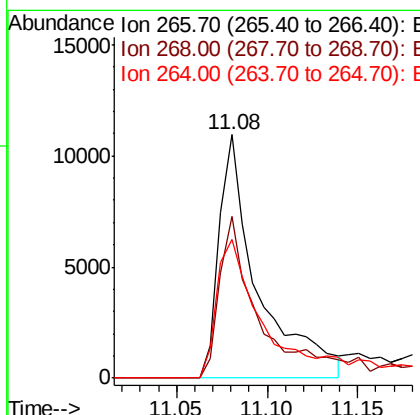
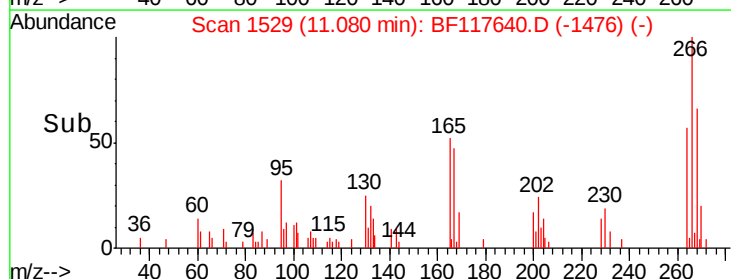
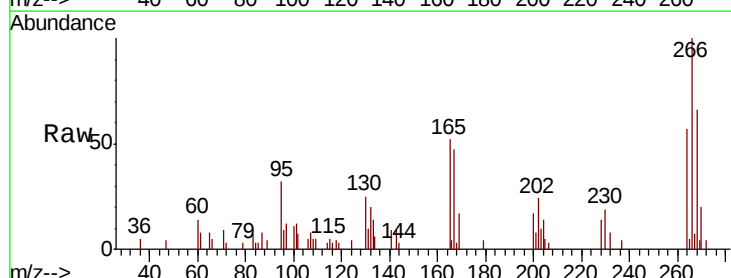
Manual Integrations
APPROVED

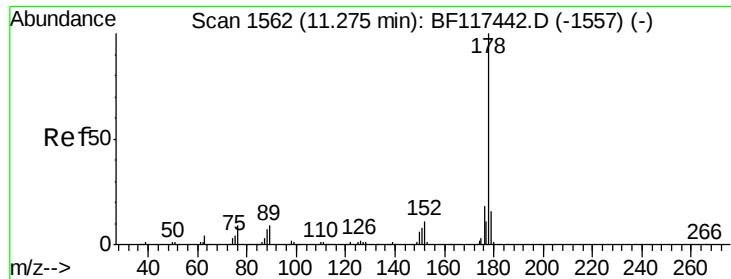
mohammad
10/31/2019 3:11:11 PM



#70
Pentachlorophenol
Concen: 53.547 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.4	51.6	77.4
264	57.1	51.4	77.2





#71

Phenanthrene

Concen: 41.186 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

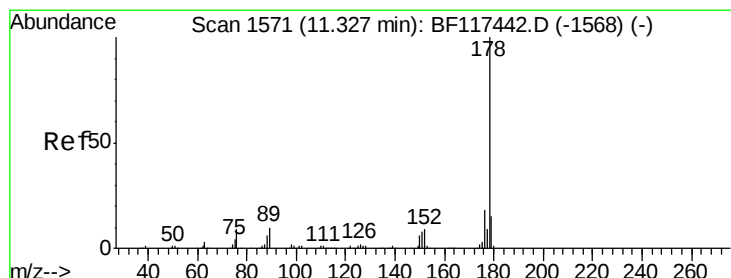
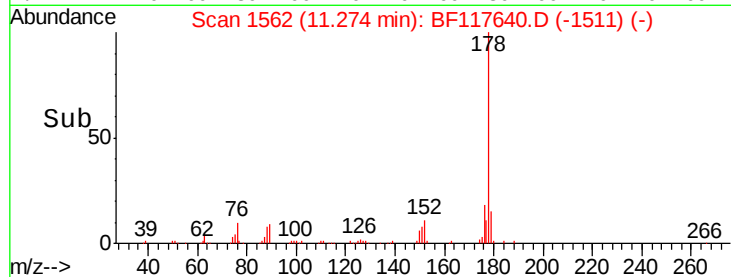
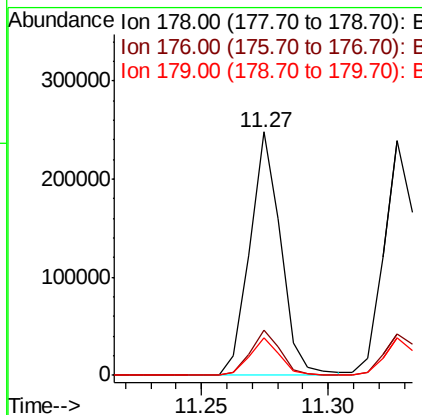
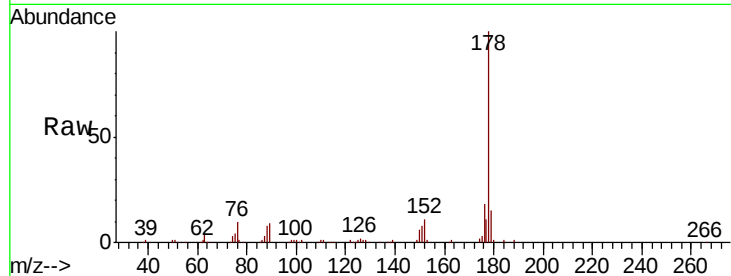
ClientSampleId :

PB124409BS

Tot Ion:	178	Resp:	210675
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.6	22.0
179	15.3	12.6	19.0

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#72

Anthracene

Concen: 42.831 ng

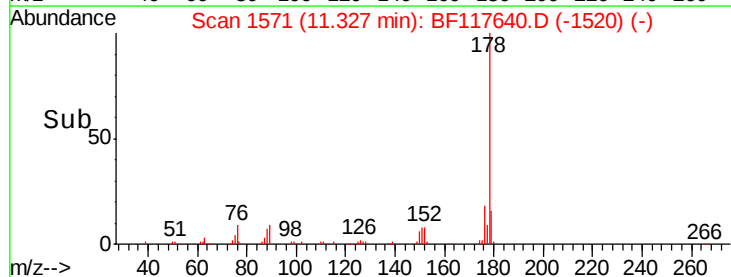
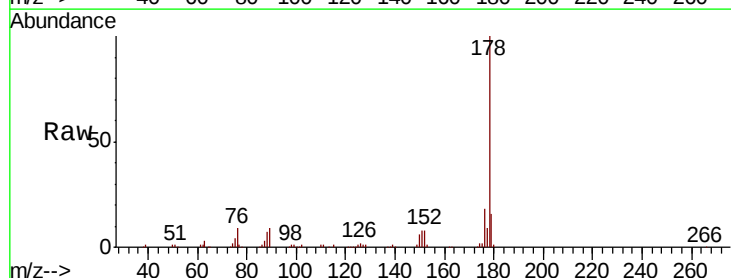
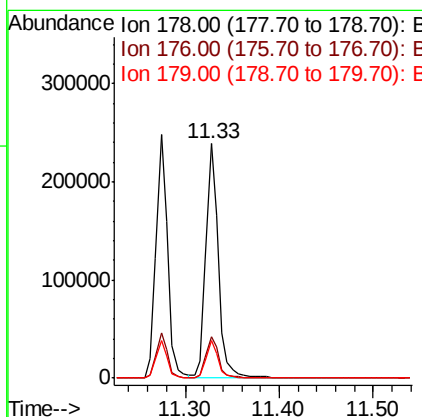
RT: 11.33 min Scan# 1571

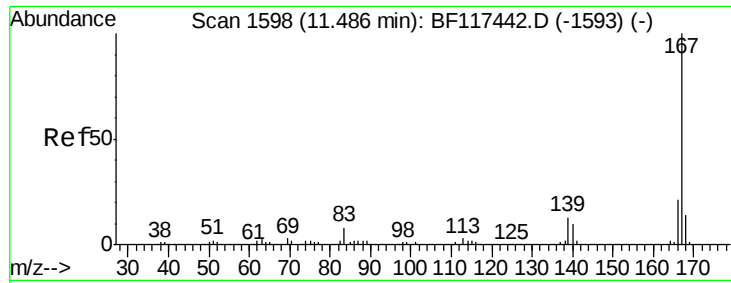
Delta R.T. -0.00 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	178	Resp:	224800
Ion Ratio	Lower	Upper	
178	100		
176	17.6	14.7	22.1
179	15.8	12.2	18.2





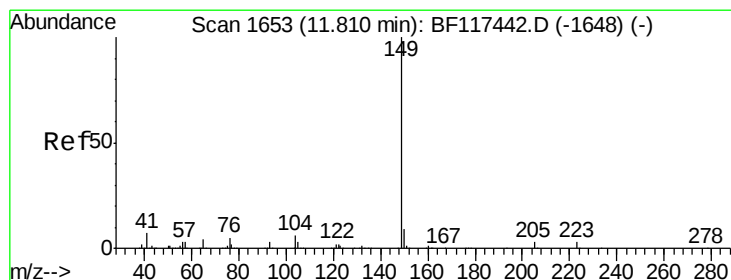
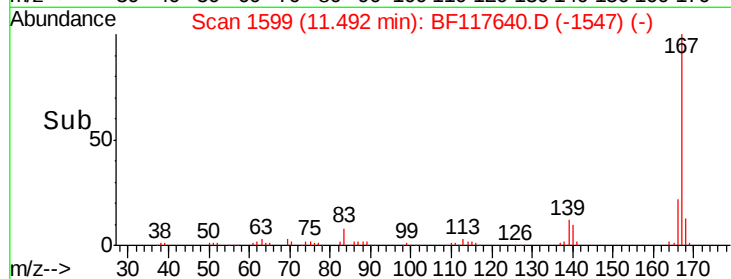
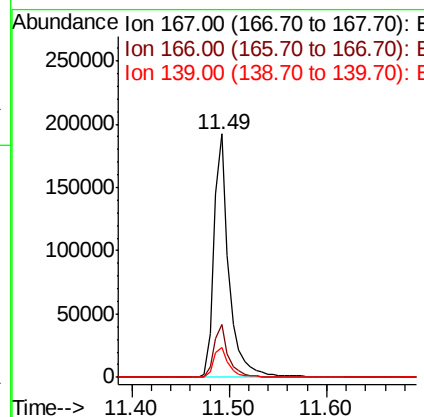
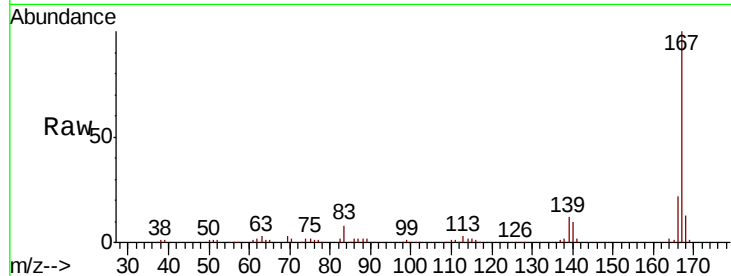
#73
 Carbazole
 Concen: 42.464 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.2	10.6	16.0

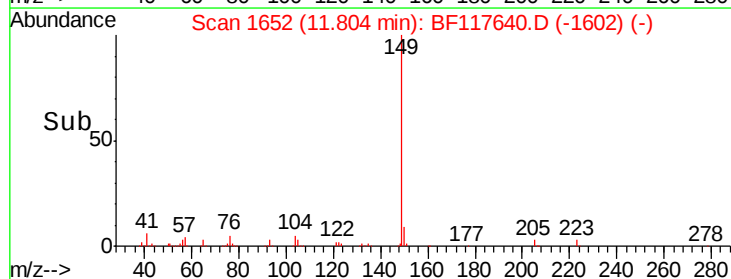
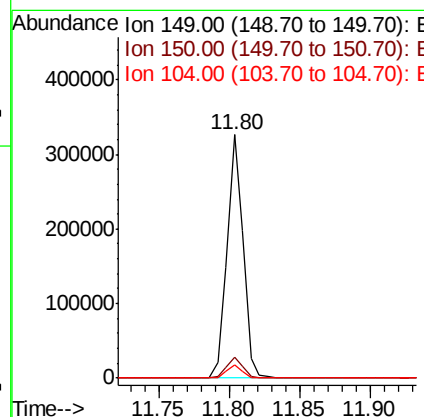
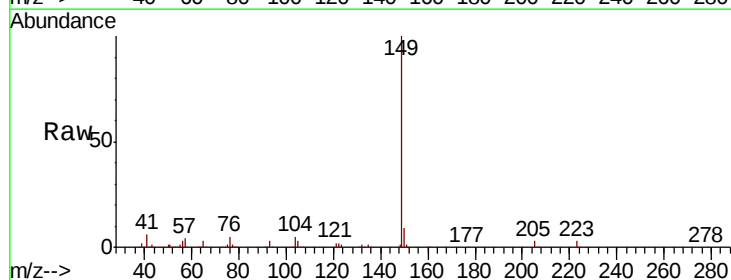
Manual Integrations
 APPROVED

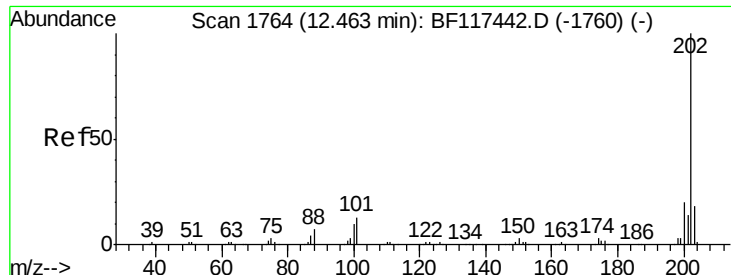
mohammad
 10/31/2019 3:11:11 PM



#74
 Di-n-butylphthalate
 Concen: 40.440 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	5.3	4.6	6.8





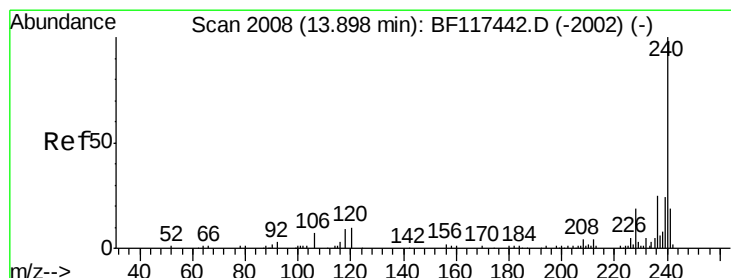
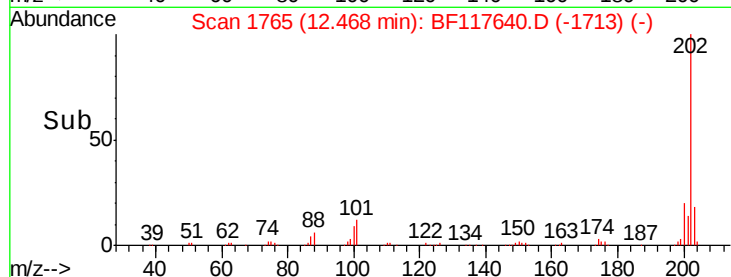
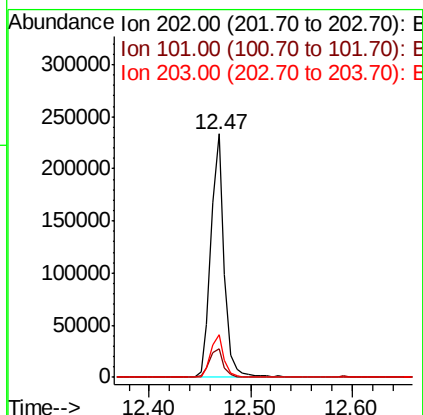
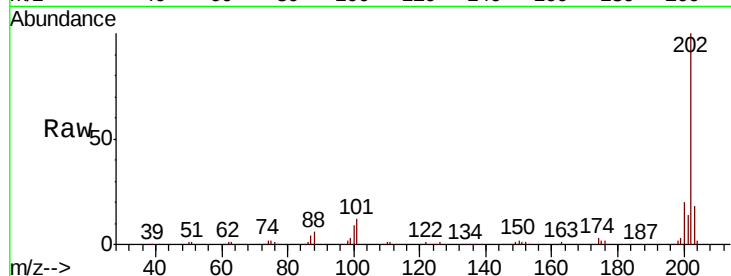
#75
 Fluoranthene
 Concen: 41.544 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	32.7
203	17.7	0.0	37.6

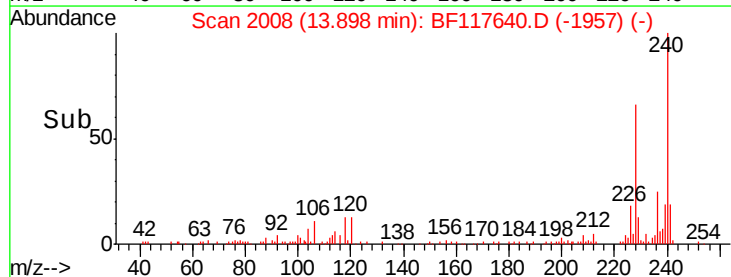
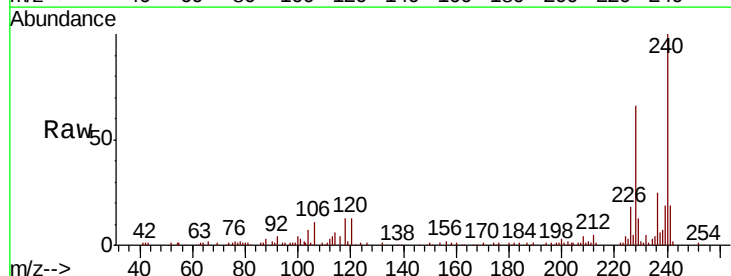
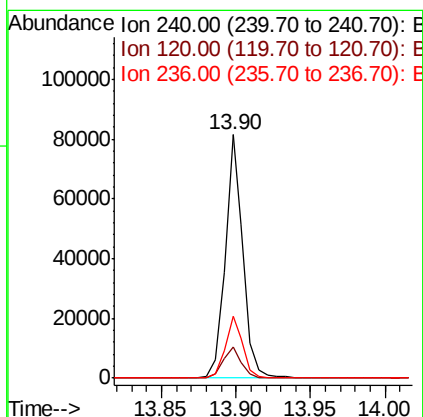
Manual Integrations
 APPROVED

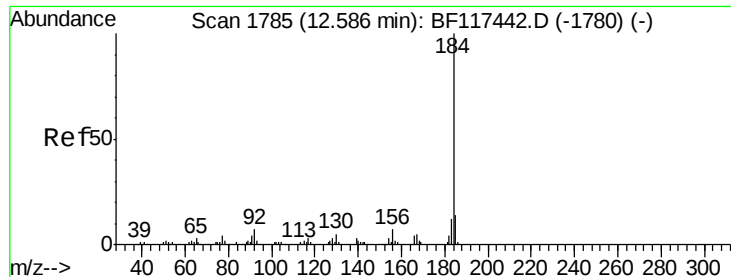
mohammad
 10/31/2019 3:11:11 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	8.4	12.6#
236	25.2	20.0	30.0





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Instrument :

BNA_F

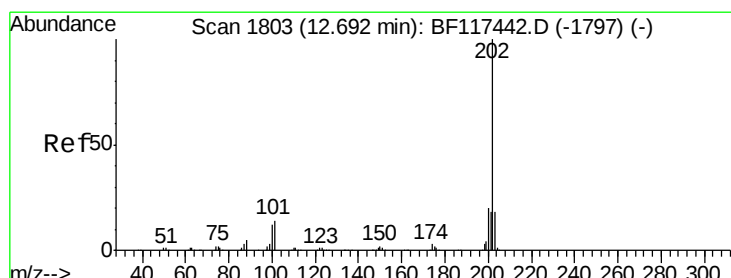
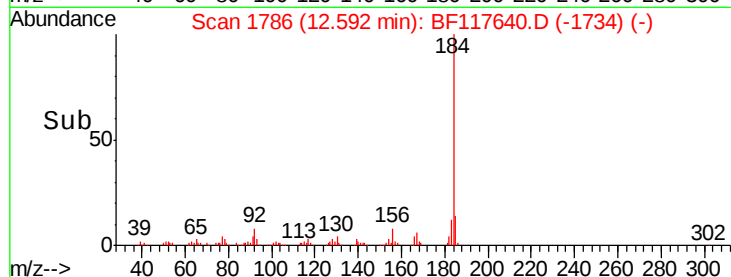
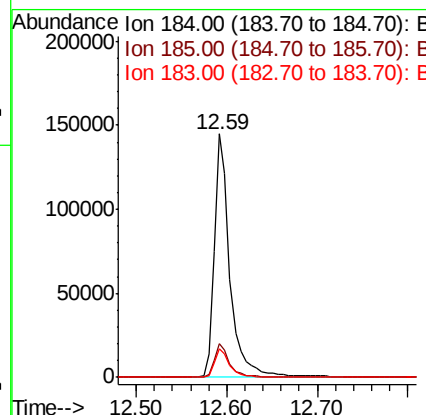
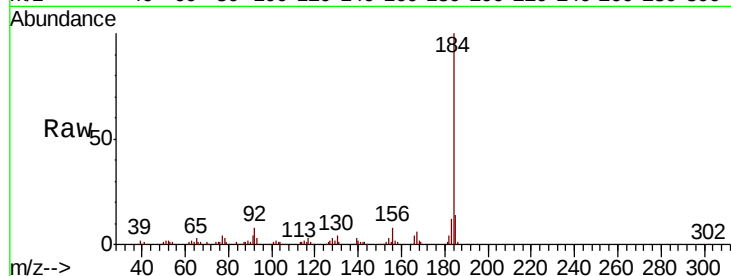
ClientSampleId :

PB124409BS

Tot Ion:	184	Resp:	176171
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.4	17.0
183	11.7	9.6	14.4

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM



#78

Pyrene

Concen: 38.121 ng

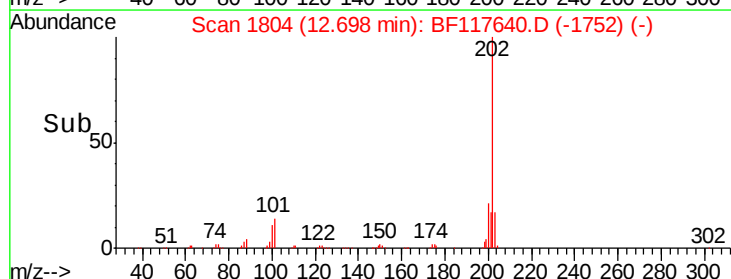
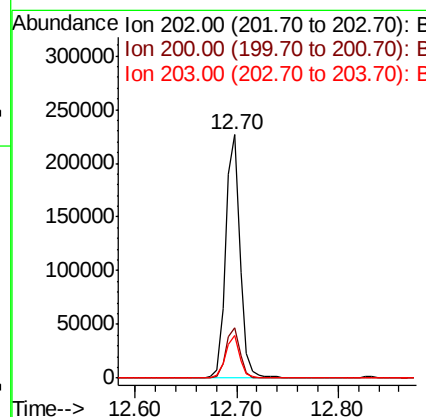
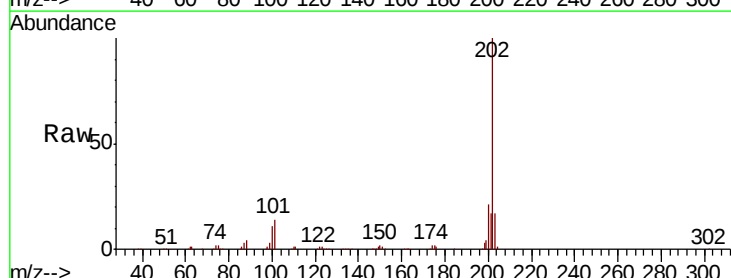
RT: 12.70 min Scan# 1804

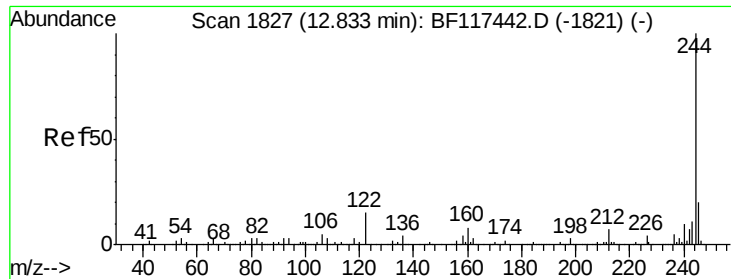
Delta R.T. 0.01 min

Lab File: BF117640.D

Acq: 31 Oct 2019 2:41

Tgt Ion:	202	Resp:	222627
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.2	24.2
203	17.5	14.0	21.0





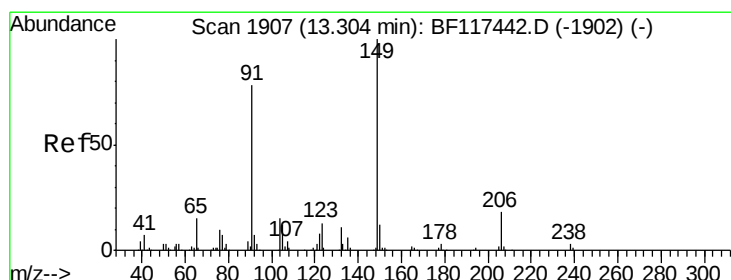
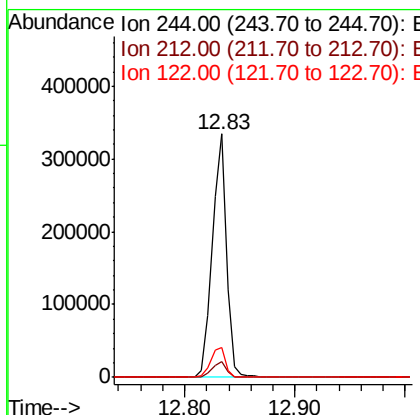
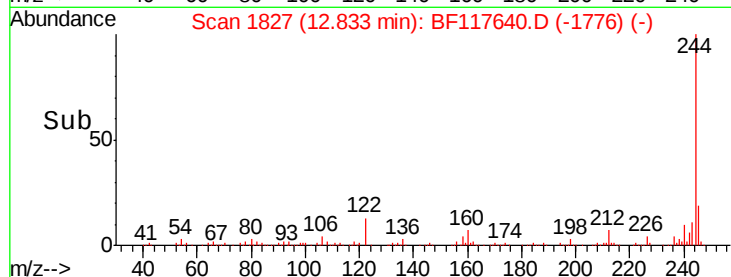
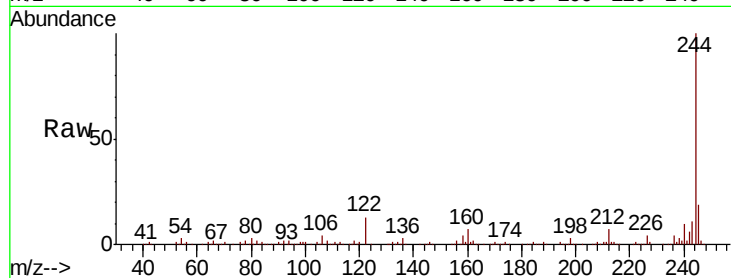
#79
 Terphenyl-d14
 Concen: 70.137 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.5	11.8	17.8

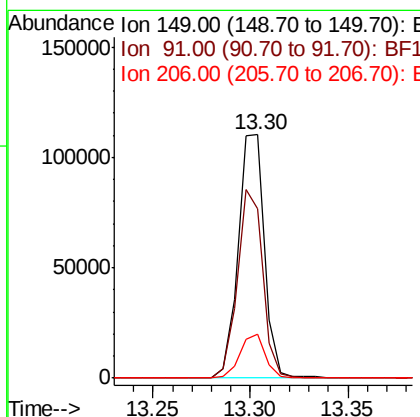
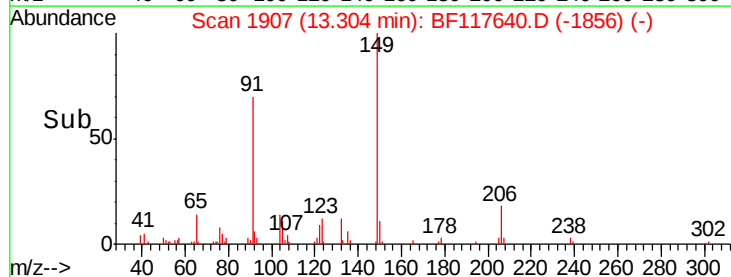
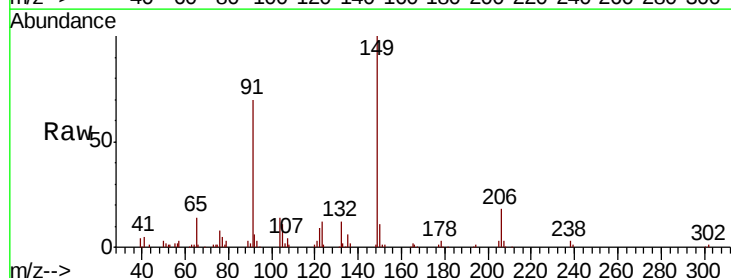
Manual Integrations
 APPROVED

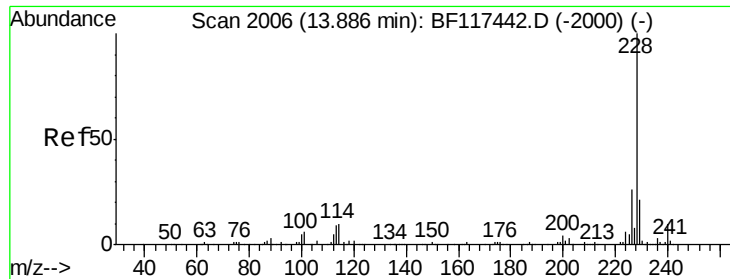
mohammad
 10/31/2019 3:11:11 PM



#80
 Butylbenzylphthalate
 Concen: 35.553 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	62.1	93.1
206	18.2	14.3	21.5





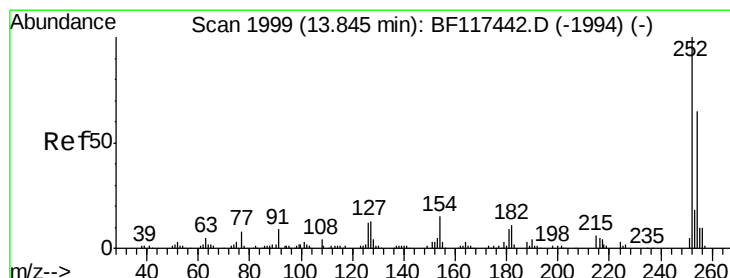
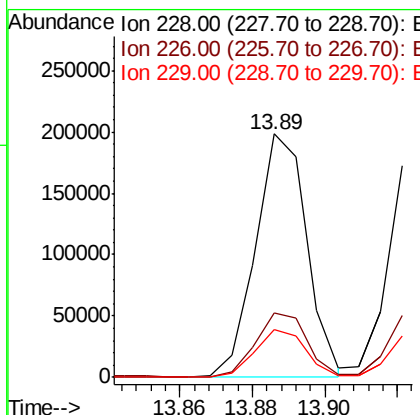
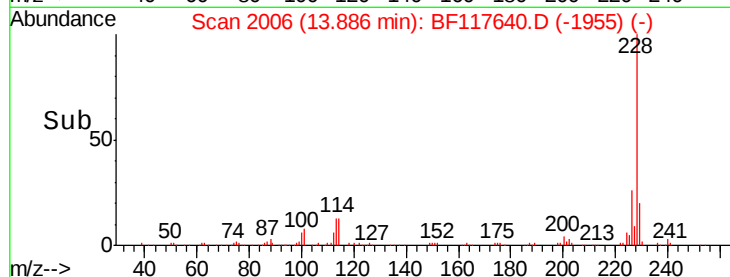
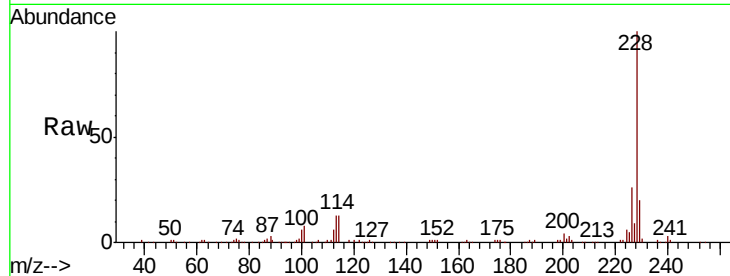
#81
Benzo(a)anthracene
Concen: 42.435 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	19.6	16.4	24.6

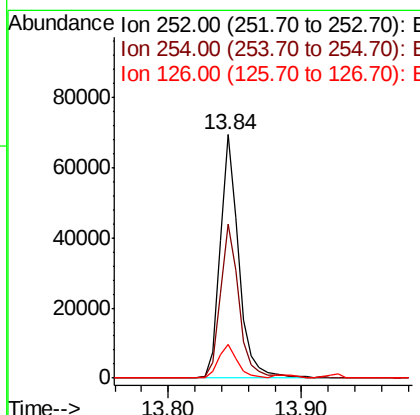
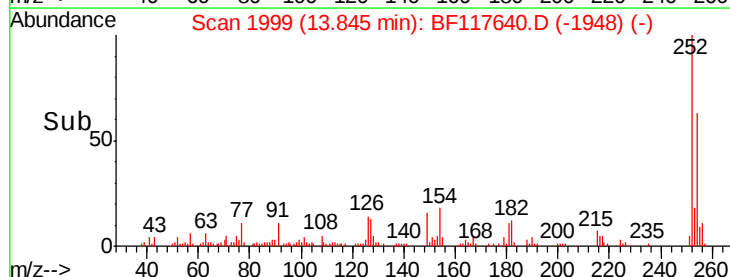
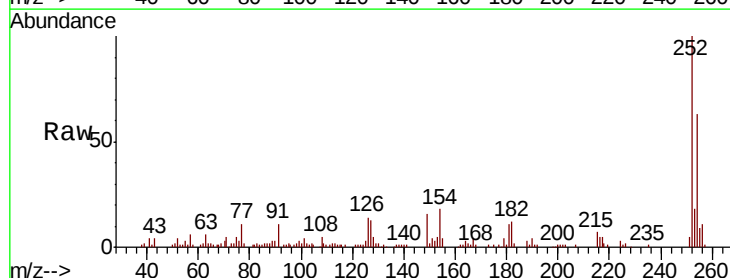
Manual Integrations
APPROVED

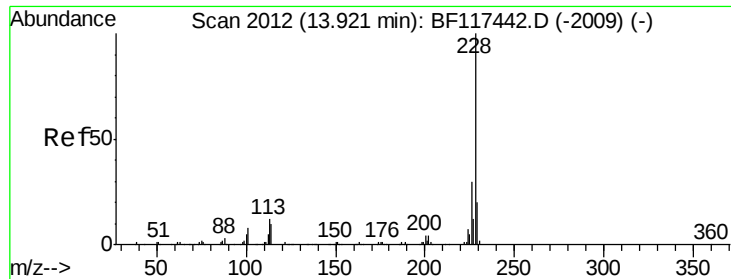
mohammad
10/31/2019 3:11:11 PM



#82
3,3'-Dichlorobenzidine
Concen: 47.307 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.2	78.4
126	13.7	9.2	13.8





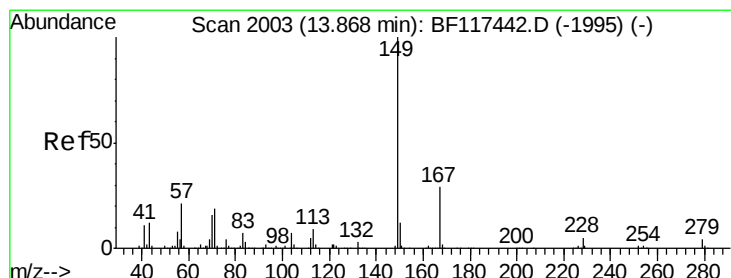
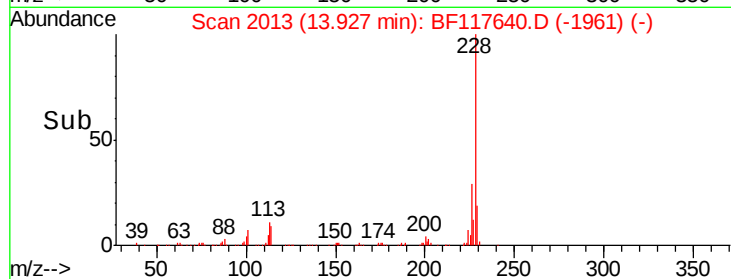
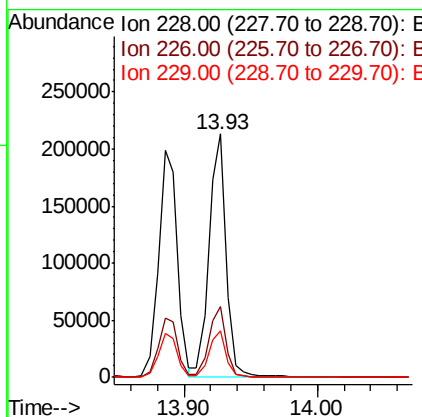
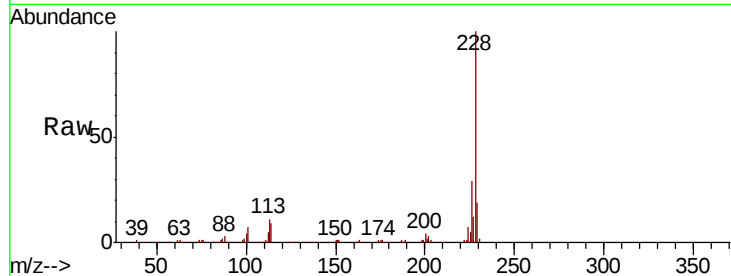
#83
 Chrvsene
 Concen: 42.527 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	191151		
226	29.0	23.9	35.9	
229	19.3	15.8	23.6	

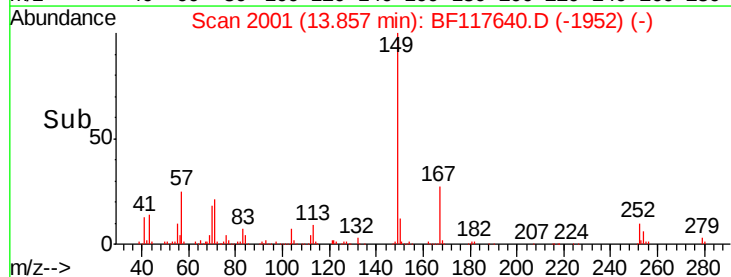
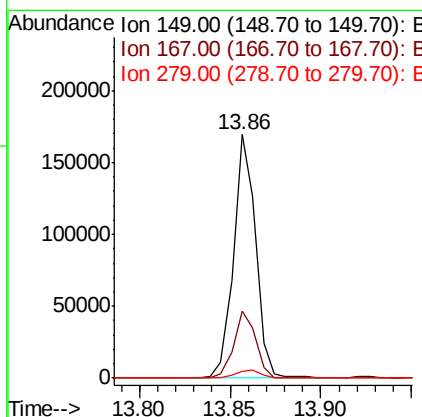
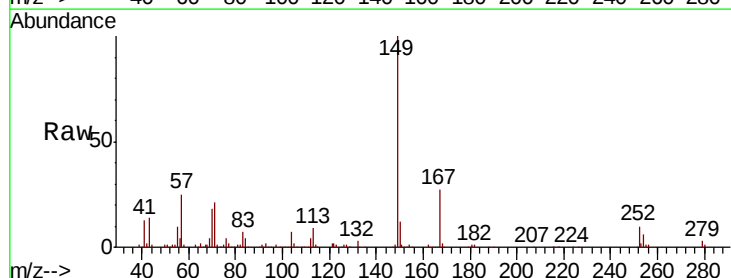
Manual Integrations
 APPROVED

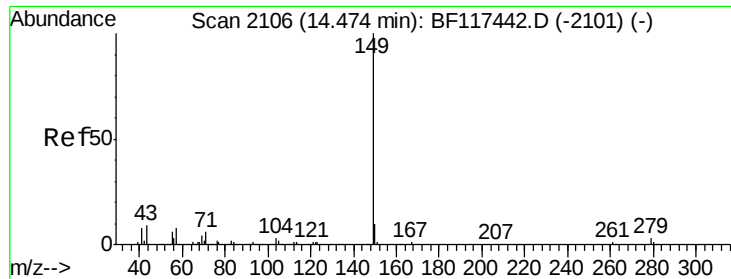
mohammad
 10/31/2019 3:11:11 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.397 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117640.D
 Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	144100		
167	27.3	23.3	34.9	
279	3.0	3.2	4.8#	





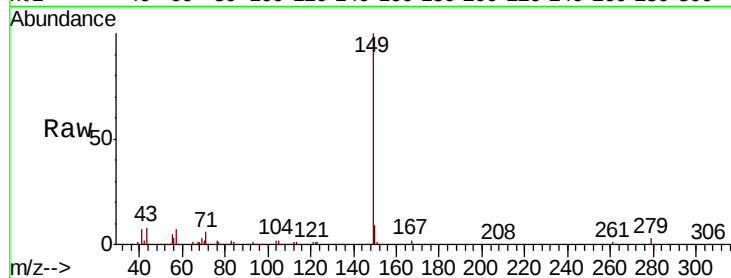
#85
Di-n-octyl phthalate
Concen: 41.957 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	262613		
167	1.5	1.2	1.8	
43	8.2	6.8	10.2	

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

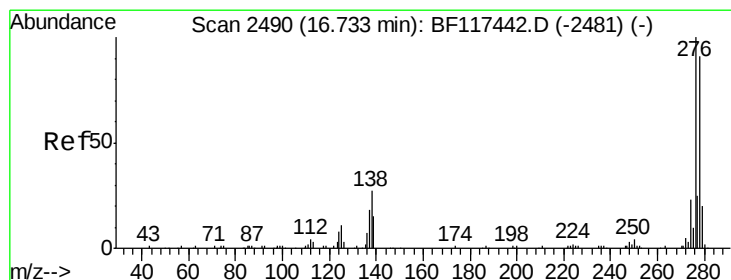
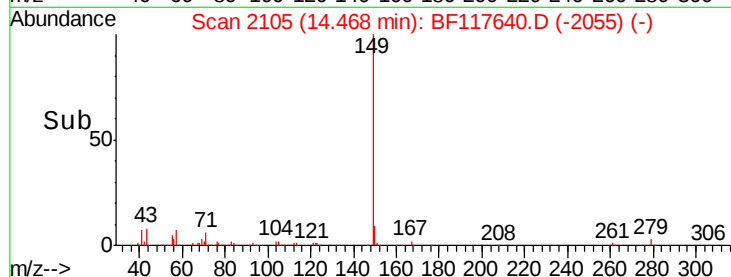
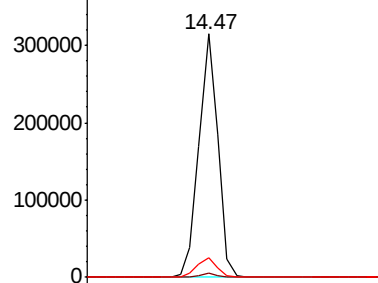


Abundance

Ion 149.00 (148.70 to 149.70): E

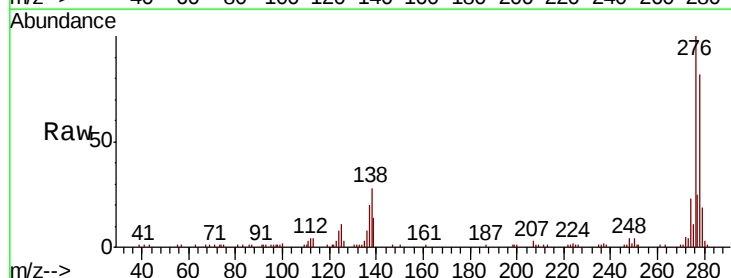
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.682 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	116387		
138	28.9	21.8	32.8	
277	25.0	20.0	30.0	

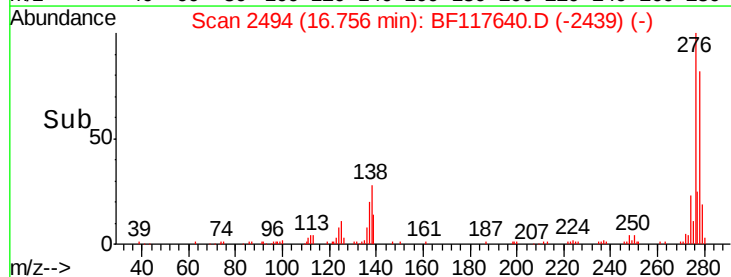
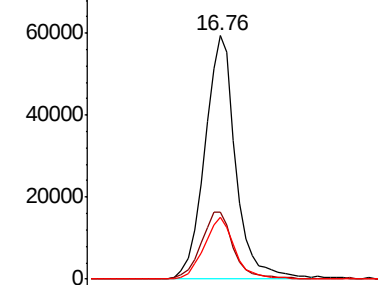


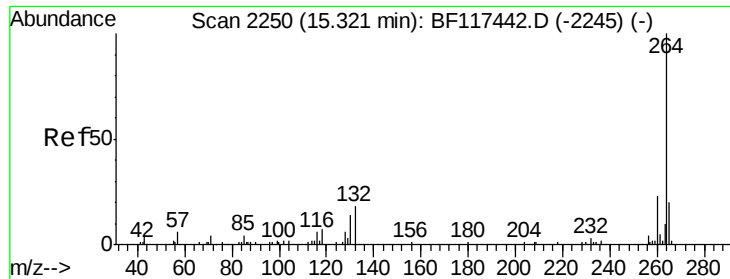
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





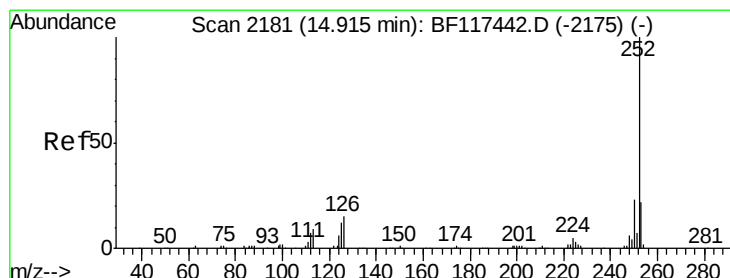
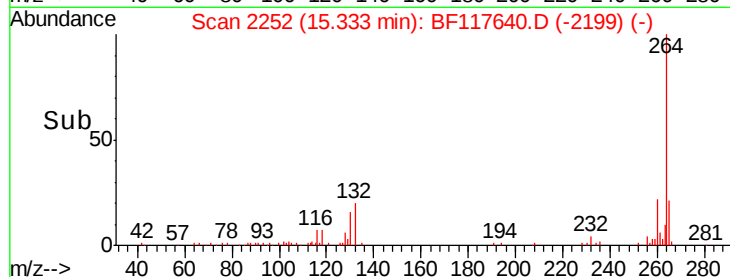
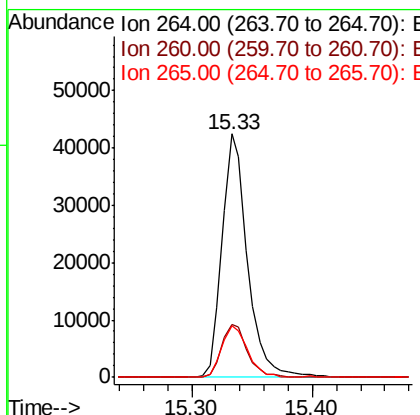
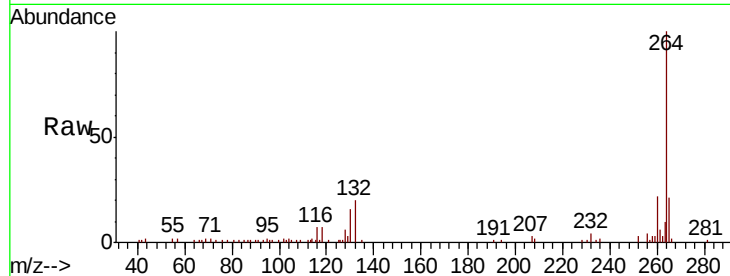
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	21.3	16.1	24.1

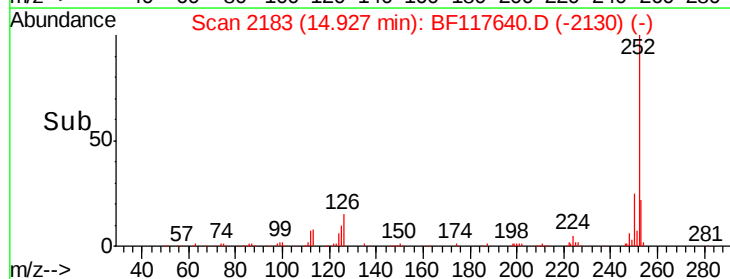
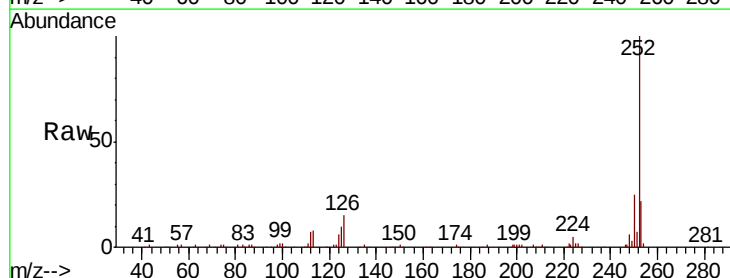
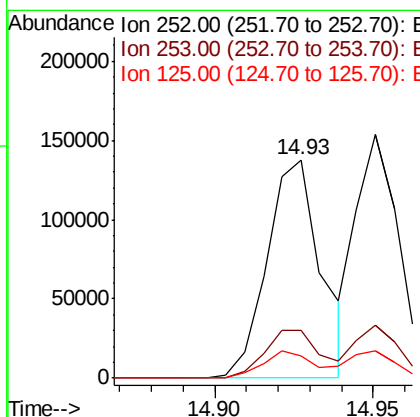
Manual Integrations
APPROVED

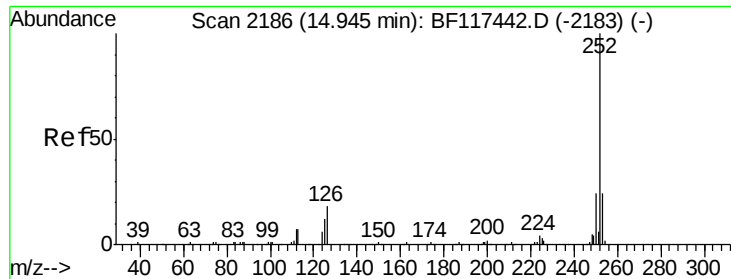
mohammad
10/31/2019 3:11:11 PM



#88
Benzo(b)fluoranthene
Concen: 44.904 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	9.9	14.9





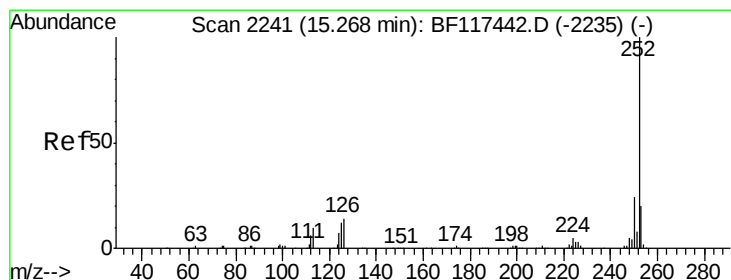
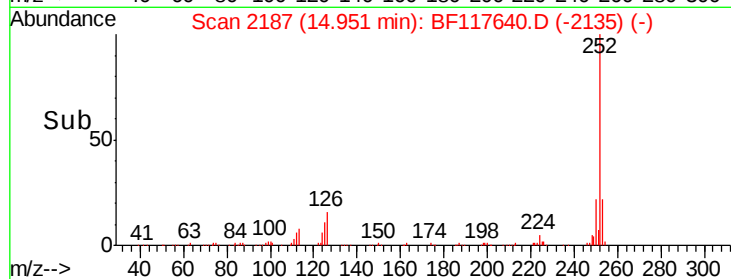
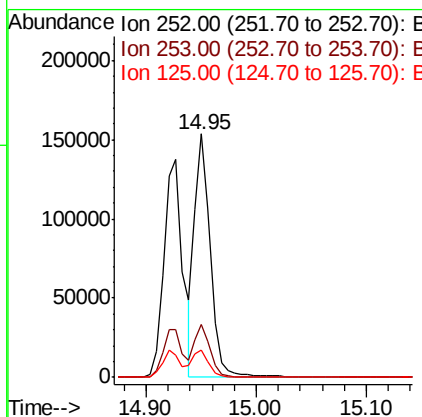
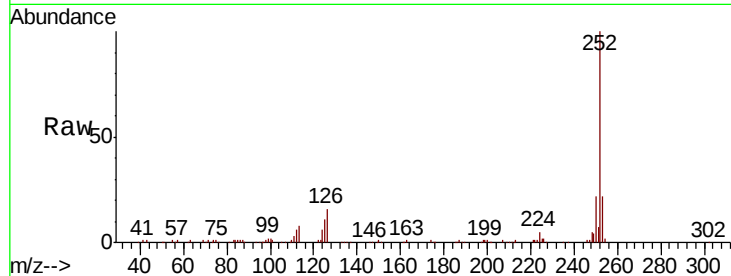
#89
Benzo(k)fluoranthene
Concen: 40.622 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.2	8.9	13.3

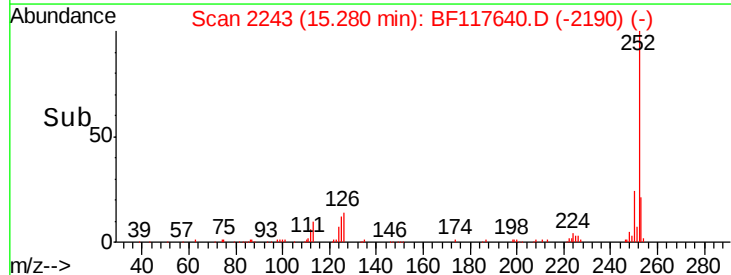
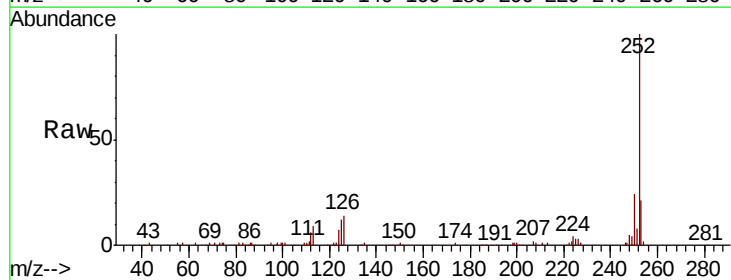
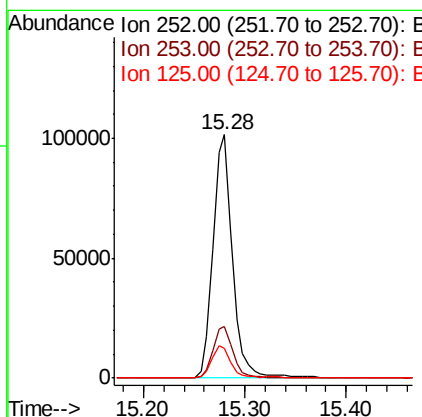
Manual Integrations
APPROVED

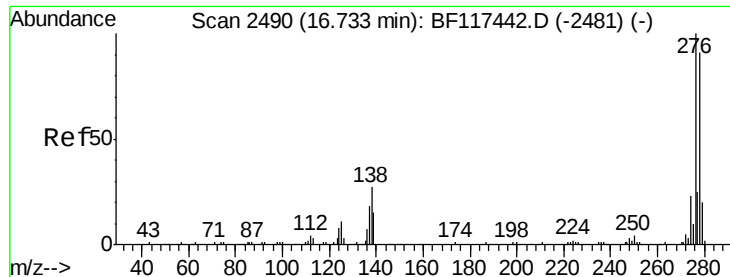
mohammad
10/31/2019 3:11:11 PM



#90
Benzo(a)pyrene
Concen: 40.883 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.3	24.5
125	12.2	9.2	13.8





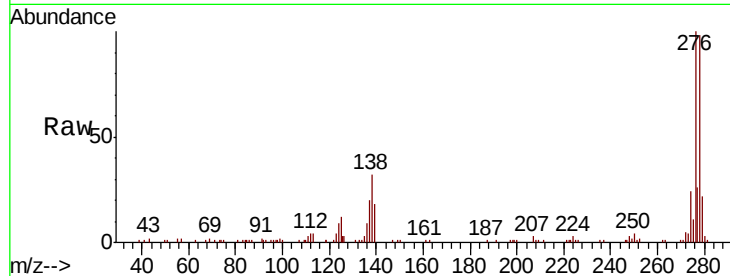
#91
Dibenzo(a,h)anthracene
Concen: 35.354 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.4	20.0
279	22.1	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/31/2019 3:11:11 PM

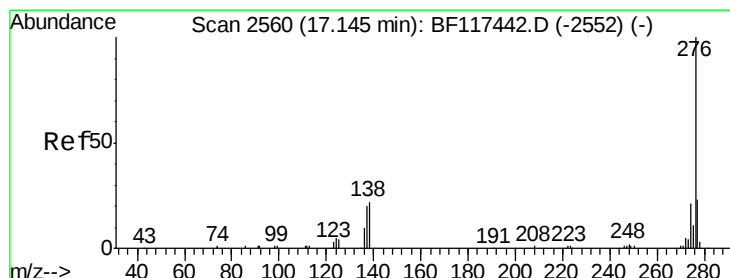
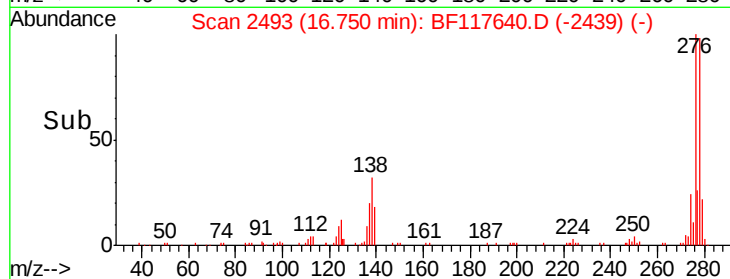
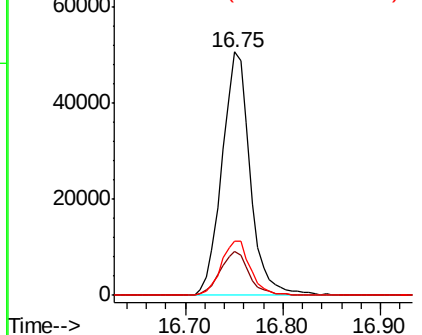


Abundance

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: 34.317 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.04 min
Lab File: BF117640.D
Acq: 31 Oct 2019 2:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	21.0	17.8	26.6

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

