

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119716.D
 Acq On : 3 Apr 2020 13:53
 Operator : MA/SJ
 Sample : PB127964BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:44 PM

Quant Time: Apr 03 14:26:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222645	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	863369	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	445902	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	854107	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	645738	20.00	ng	-0.02
87) Perylene-d12	15.43	264	644690	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1546490	110.57	ng	0.01
7) Phenol-d6	6.44	99	1996331	111.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	1208681	76.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	583110	126.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2248851	74.72	ng	-0.01
79) Terphenyl-d14	12.93	244	2627231	79.71	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.63	88	211386	30.602 ng	97
3) Pyridine	3.36	79	591620	31.089 ng	94
4) n-Nitrosodimethylamine	3.31	42	312386	33.662 ng	92
6) Aniline	6.46	93	694431	28.162 ng	99
8) 2-Chlorophenol	6.59	128	635988	43.296 ng	100
9) Benzaldehyde	6.35	77	332155	29.307 ng	99
10) Phenol	6.45	94	809001	42.437 ng	99
11) bis(2-Chloroethyl)ether	6.54	93	596535	39.125 ng	99
12) 1,3-Dichlorobenzene	6.75	146	628042	39.504 ng	97
13) 1,4-Dichlorobenzene	6.82	146	639481	40.213 ng	99
14) 1,2-Dichlorobenzene	6.97	146	593535	39.931 ng	99
15) Benzyl Alcohol	6.95	79	515954	38.391 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1032509	33.573 ng	98
17) 2-Methylphenol	7.06	107	513210	38.132 ng	98
18) Hexachloroethane	7.32	117	238899	40.994 ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	416014	38.631 ng	98
20) 3+4-Methylphenols	7.22	107	622510	37.741 ng	# 78
22) Acetophenone	7.22	105	806258	39.082 ng	# 92
24) Nitrobenzene	7.39	77	649272	38.244 ng	99
25) Isophorone	7.63	82	1168761	36.269 ng	99
26) 2-Nitrophenol	7.70	139	334826	50.089 ng	93
27) 2,4-Dimethylphenol	7.75	122	540100	39.075 ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	735784	38.612 ng	99
29) 2,4-Dichlorophenol	7.95	162	515228	40.569 ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	548211	39.032 ng	97
31) Naphthalene	8.12	128	1769825	39.834 ng	98
32) Benzoic acid	7.87	122	435211	48.949 ng	92
33) 4-Chloroaniline	8.16	127	395072	19.406 ng	99
34) Hexachlorobutadiene	8.23	225	309875	39.432 ng	99
35) Caprolactam	8.53	113	167447m	40.286 ng	
36) 4-Chloro-3-methylphenol	8.65	107	557391	40.156 ng	98
37) 2-Methylnaphthalene	8.80	142	1194240	40.956 ng	98
38) 1-Methylnaphthalene	8.90	142	1122451	40.669 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	510019	39.023 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119716.D
 Acq On : 3 Apr 2020 13:53
 Operator : MA/SJ
 Sample : PB127964BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

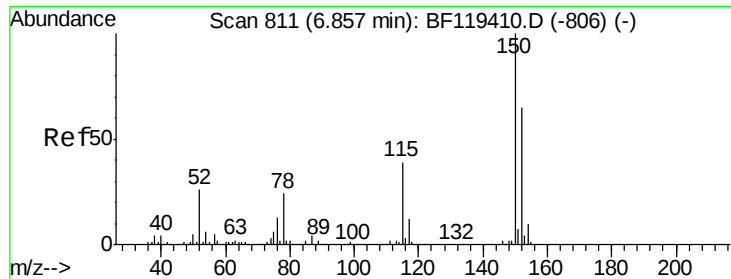
Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:44 PM

Quant Time: Apr 03 14:26:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	625685	84.207	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	378646	40.484	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	413586	39.474	nq	99
46) 1,1'-Biphenyl	9.27	154	1404729	38.680	nq	98
47) 2-Chloronaphthalene	9.30	162	1096211	38.535	nq	98
48) 2-Nitroaniline	9.39	65	399746	40.712	nq	93
49) Acenaphthylene	9.71	152	1746535	39.097	nq	99
50) Dimethylphthalate	9.57	163	1274943	40.254	nq	99
51) 2,6-Dinitrotoluene	9.63	165	294950	43.446	nq	96
52) Acenaphthene	9.89	154	1230853	44.197	nq	99
53) 3-Nitroaniline	9.80	138	205634	23.992	nq	99
54) 2,4-Dinitrophenol	9.91	184	350801	115.836	nq	95
55) Dibenzofuran	10.06	168	1566124	39.223	nq	99
56) 4-Nitrophenol	9.97	139	540850	79.993	nq	93
57) 2,4-Dinitrotoluene	10.04	165	400578	46.840	nq	92
58) Fluorene	10.40	166	1212348	41.059	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	339516	43.351	nq	98
60) Diethylphthalate	10.27	149	1310577	40.770	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	571037	39.548	nq	98
62) 4-Nitroaniline	10.42	138	327894	39.896	nq	93
63) Azobenzene	10.55	77	1255645	38.789	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	227138	63.420	nq	90
66) n-Nitrosodiphenylamine	10.51	169	1127331	40.206	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	379977	39.063	nq	98
68) Hexachlorobenzene	10.95	284	418430	42.030	nq	# 89
69) Atrazine	11.04	200	344724	44.846	nq	99
70) Pentachlorophenol	11.15	266	482387	82.636	nq	96
71) Phenanthrene	11.36	178	1778702	40.162	nq	100
72) Anthracene	11.42	178	1849287	41.085	nq	99
73) Carbazole	11.57	167	1720504	38.617	nq	99
74) Di-n-butylphthalate	11.90	149	2051298	43.041	nq	99
75) Fluoranthene	12.55	202	1983492	41.383	nq	100
77) Benzidine	12.67	184	1053045	38.534	nq	99
78) Pyrene	12.78	202	2009895	37.926	nq	99
80) Butylbenzylphthalate	13.40	149	878500	40.986	nq	97
81) Benzo(a)anthracene	13.97	228	1616651	38.500	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	415476	25.094	nq	99
83) Chrysene	14.01	228	1666135	38.446	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1115609	43.662	nq	99
85) Di-n-octyl phthalate	14.57	149	2030025	45.175	nq	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	1622023	39.741	nq	99
88) Benzo(b)fluoranthene	15.02	252	1781703	41.372	nq	99
89) Benzo(k)fluoranthene	15.04	252	1583279	38.610	nq	100
90) Benzo(a)pyrene	15.37	252	1528708	39.060	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	1340751	39.167	nq	99
92) Benzo(g,h,i)perylene	17.32	276	1315390	38.249	nq	96

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



#1

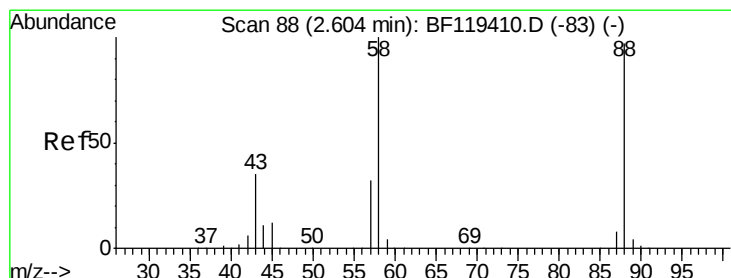
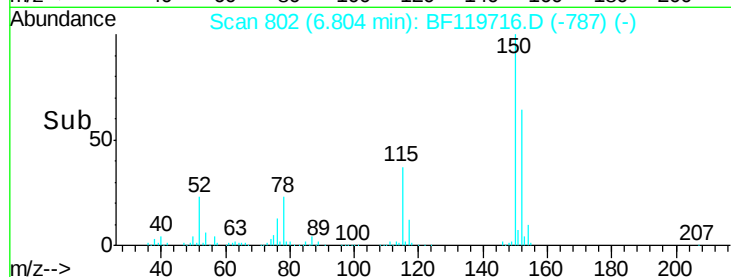
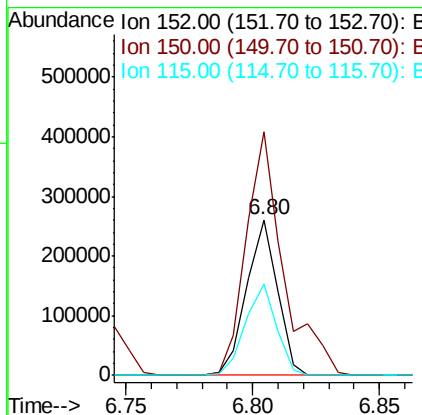
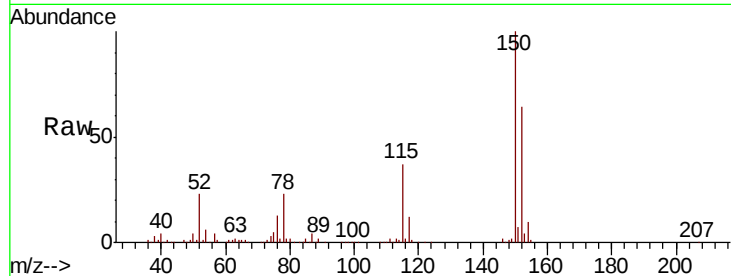
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleID :
PB127964BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.5	186.7
115	58.6	49.6	74.4

Manual Integrations
APPROVED

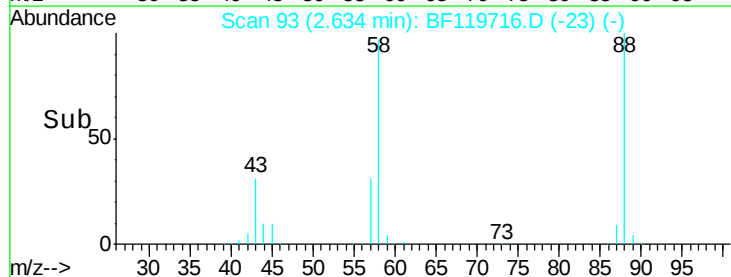
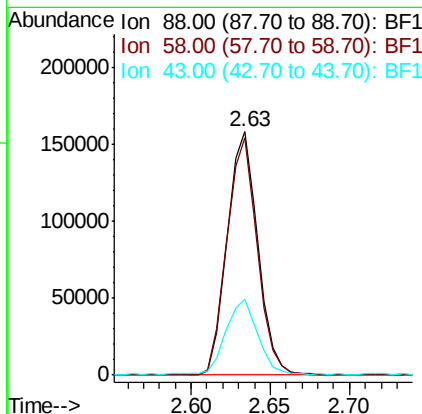
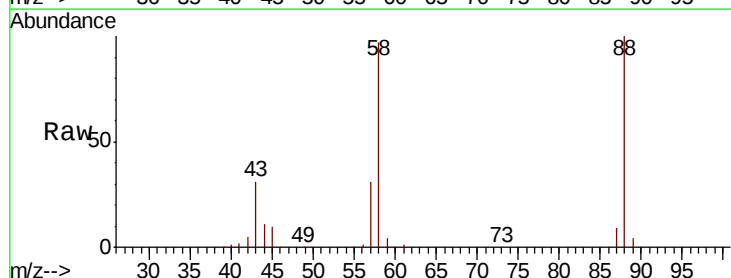
mohammad
4/6/2020 1:38:44 PM

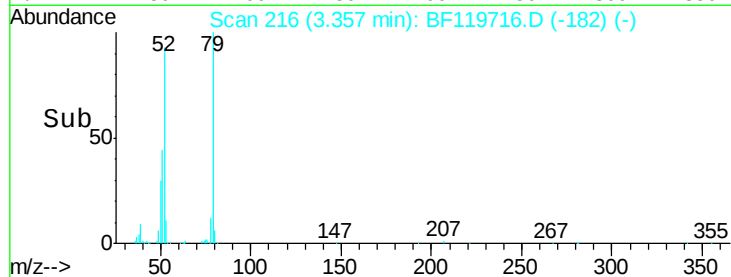
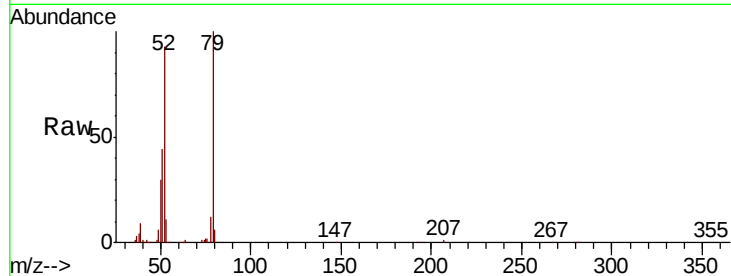
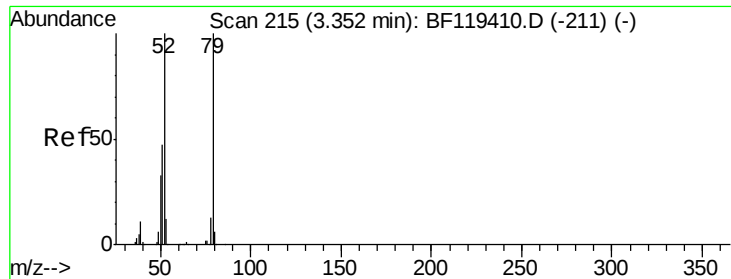


#2

1,4-Dioxane
Concen: 30.602 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.11 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	80.6	121.0
43	33.2	27.5	41.3





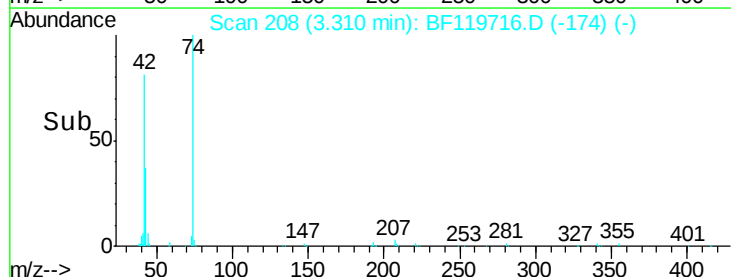
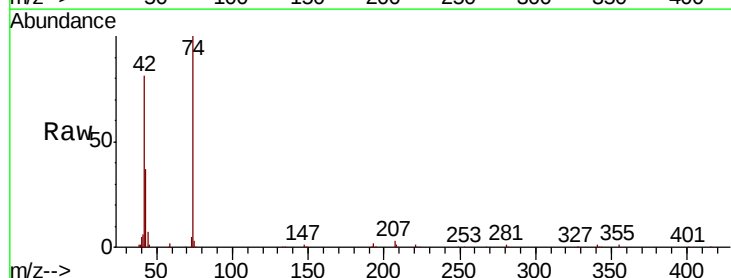
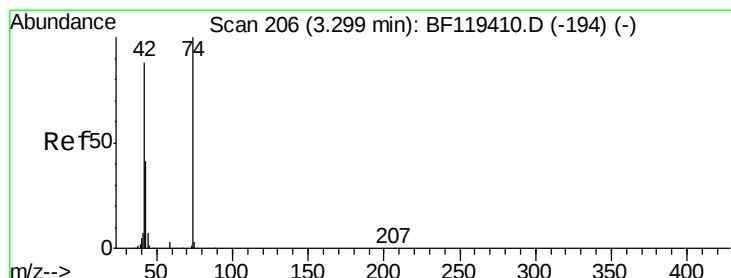
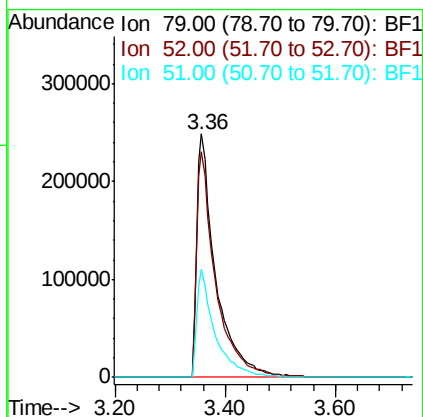
#3
Pvridine
Concen: 31.089 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.10 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.9	80.2	120.2
51	44.1	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB127964BS

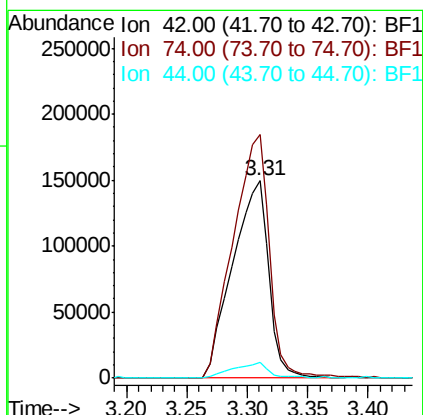
Manual Integrations
APPROVED

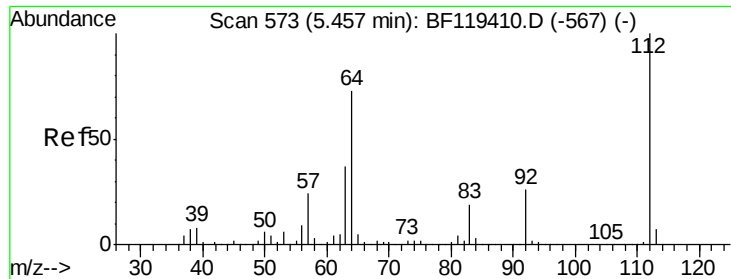
mohammad
4/6/2020 1:38:44 PM



#4
n-Nitrosodimethylamine
Concen: 33.662 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.10 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.4	91.5	137.3
44	8.3	6.2	9.4





#5

2-Fluorophenol

Concen: 110.574 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion:112 Resp: 1546490

Ion Ratio Lower Upper

112 100

64 68.9 56.7 85.1

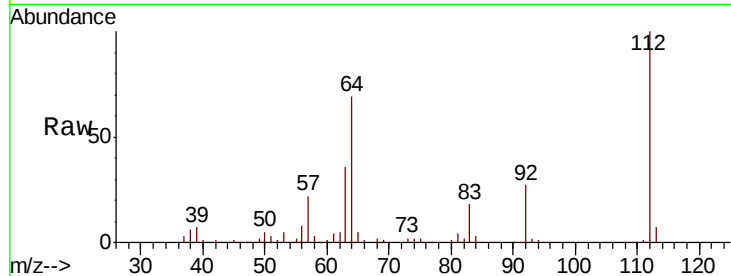
63 35.5 29.5 44.3

Manual Integrations

APPROVED

mohammad

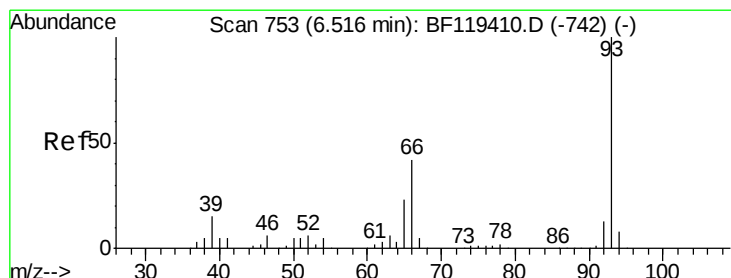
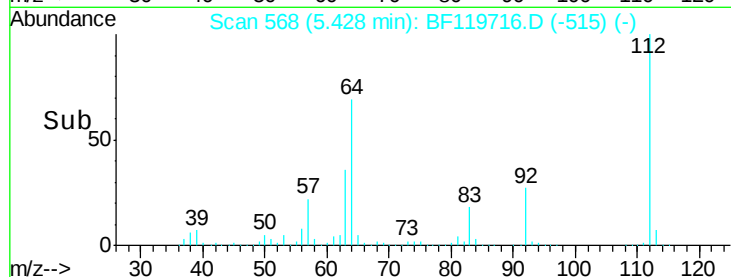
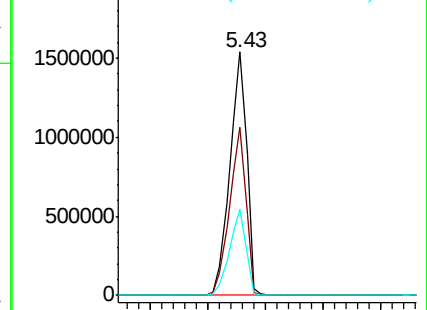
4/6/2020 1:38:44 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.162 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

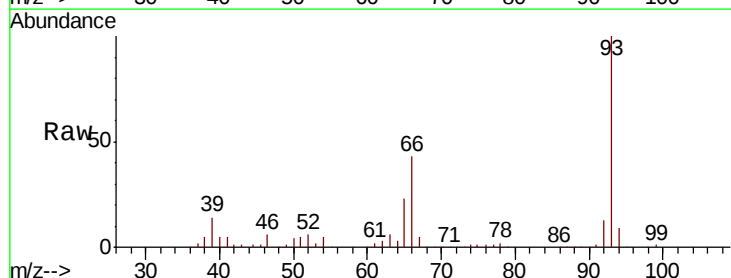
Tgt Ion: 93 Resp: 694431

Ion Ratio Lower Upper

93 100

66 42.7 34.9 52.3

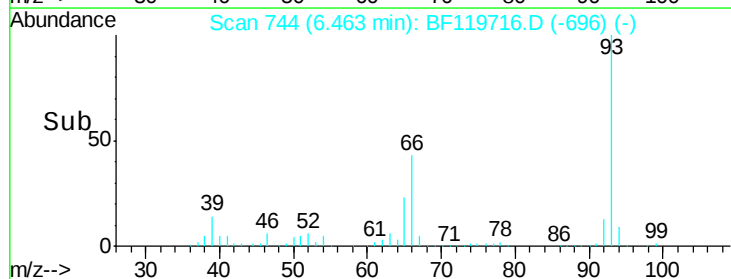
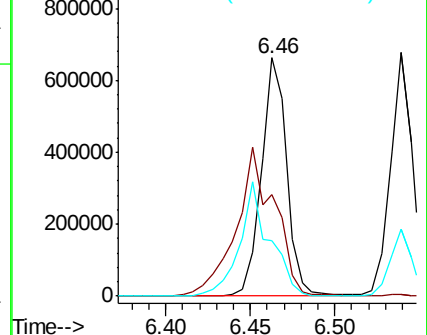
65 23.1 18.6 27.8

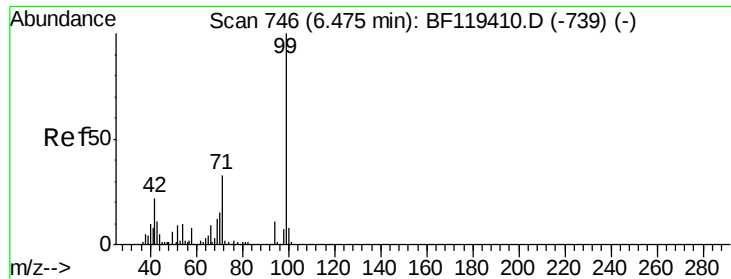


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.738 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion: 99 Resp: 1996331

Ion Ratio Lower Upper

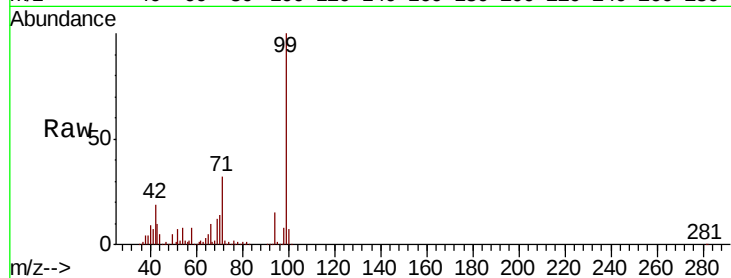
99 100

42 18.6 16.6 24.8

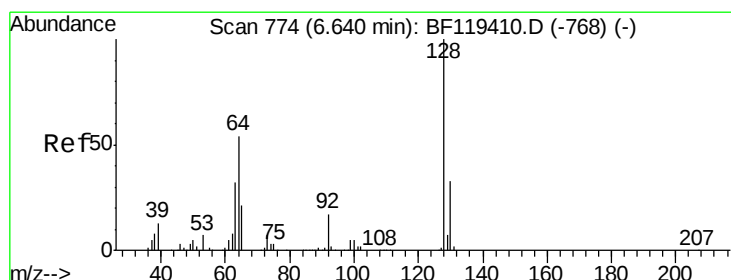
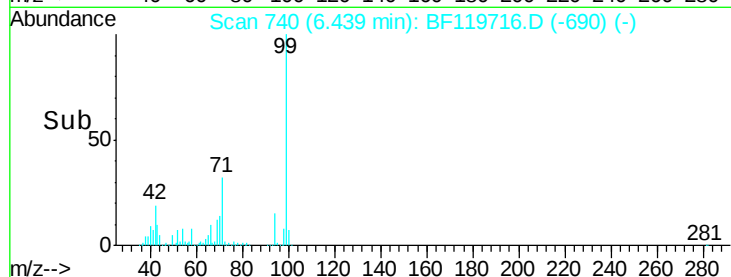
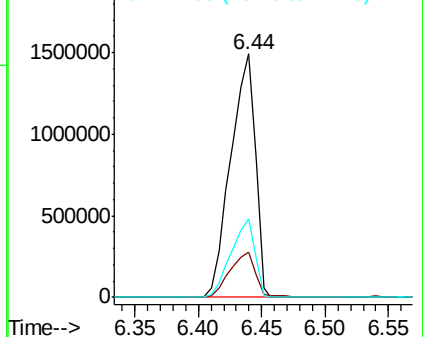
71 32.2 26.4 39.6

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.296 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

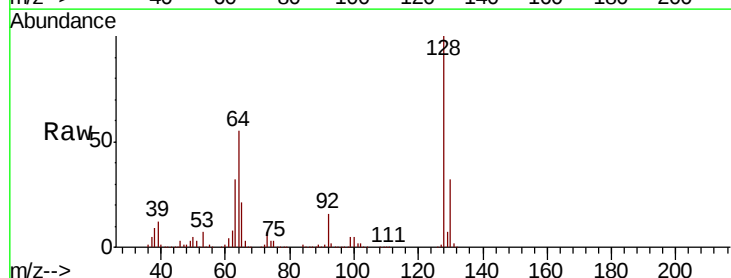
Tgt Ion: 128 Resp: 635988

Ion Ratio Lower Upper

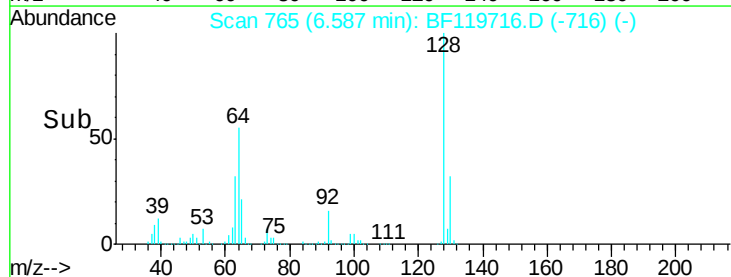
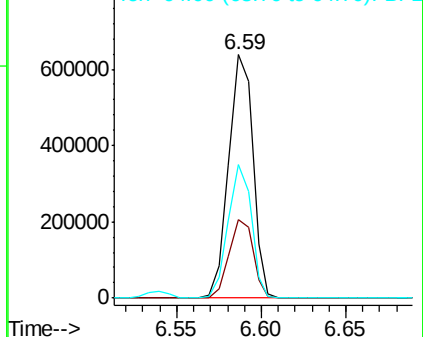
128 100

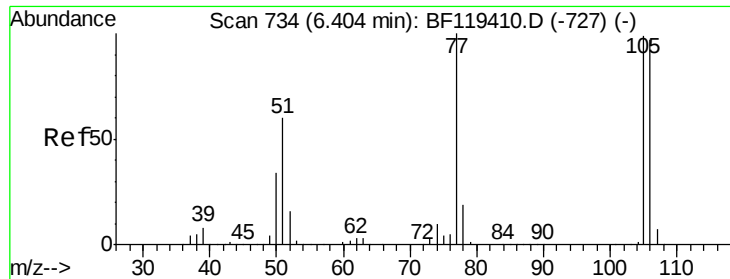
130 32.4 12.6 52.6

64 54.9 35.3 75.3



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: 29.307 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

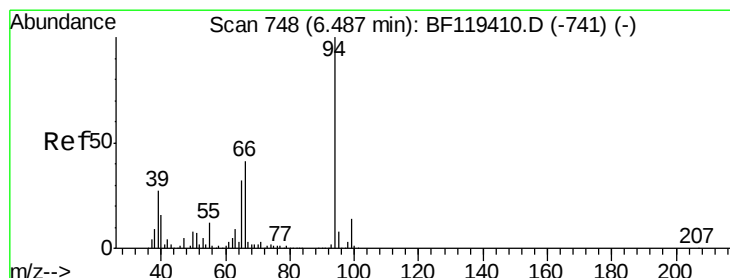
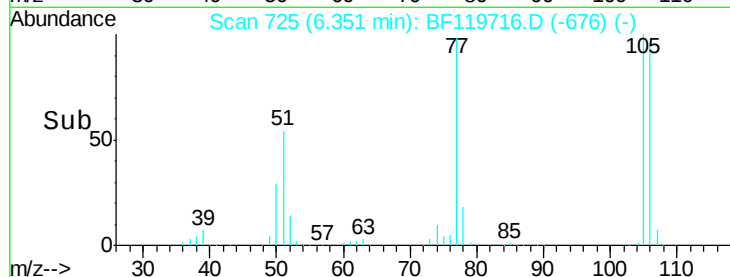
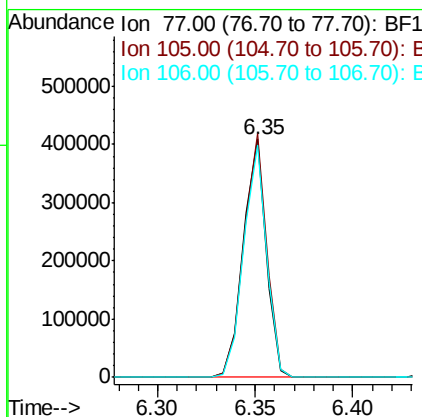
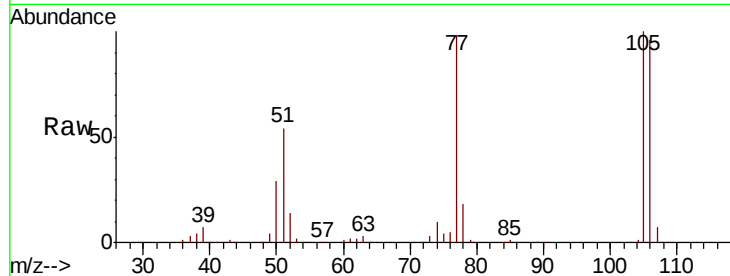
ClientSampleID :

PB127964BS

Tot Ion:	77	Resp:	332155
Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.9	120.9
106	97.6	77.9	117.9

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#10

Phenol

Concen: 42.437 ng

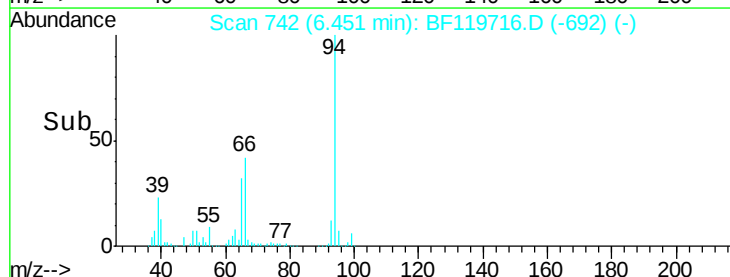
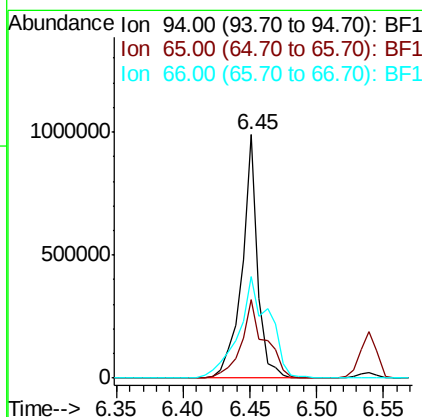
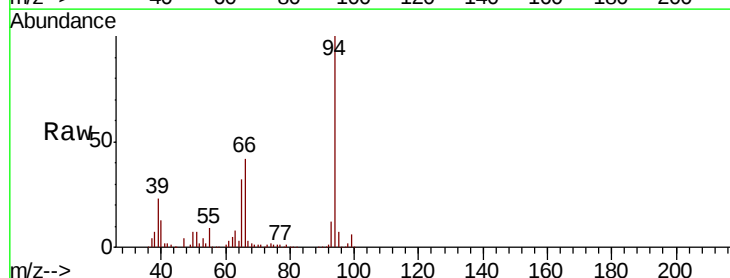
RT: 6.45 min Scan# 742

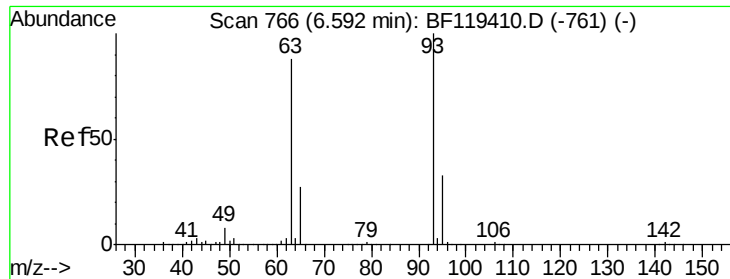
Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	94	Resp:	809001
Ion	Ratio	Lower	Upper
94	100		
65	32.1	13.2	53.2
66	41.8	22.3	62.3





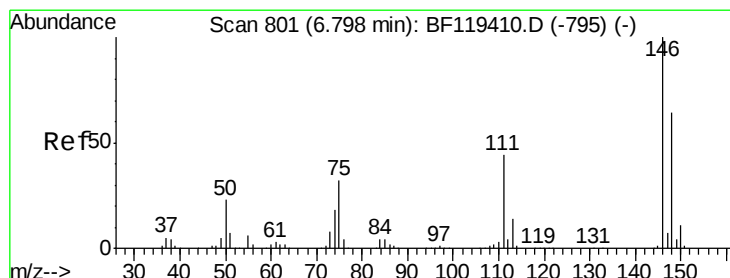
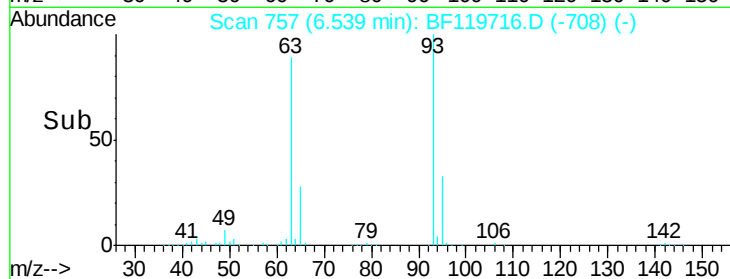
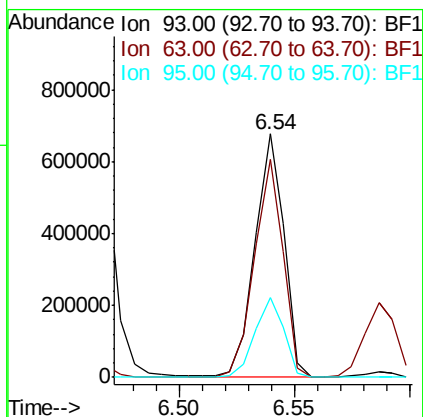
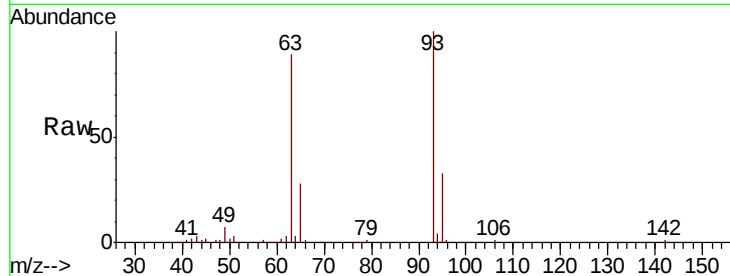
#11
bis(2-Chloroethyl)ether
Concen: 39.125 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	70.2	110.2
95	33.0	13.4	53.4

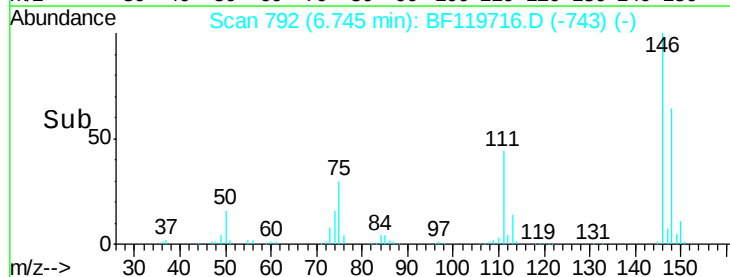
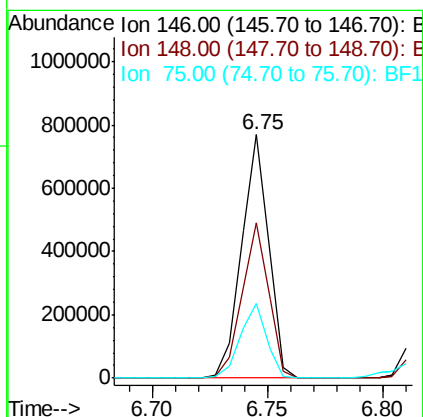
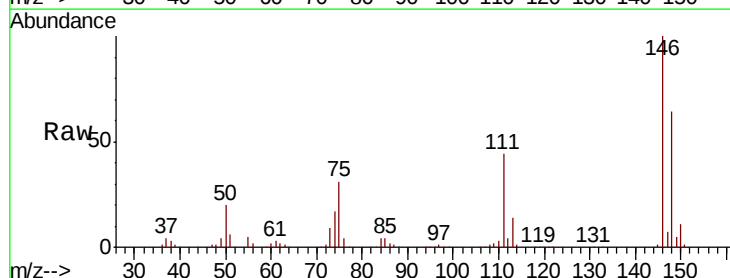
Manual Integrations
APPROVED

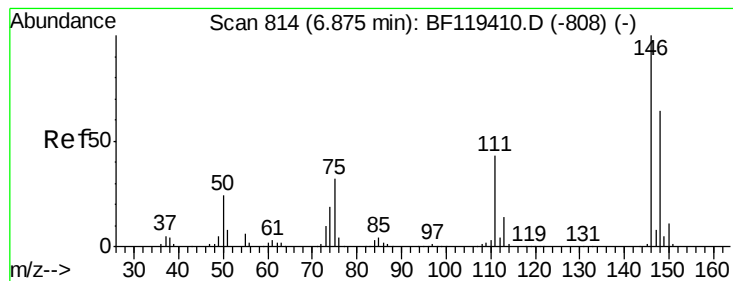
mohammad
4/6/2020 1:38:44 PM



#12
1,3-Dichlorobenzene
Concen: 39.504 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
75	30.7	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.213 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

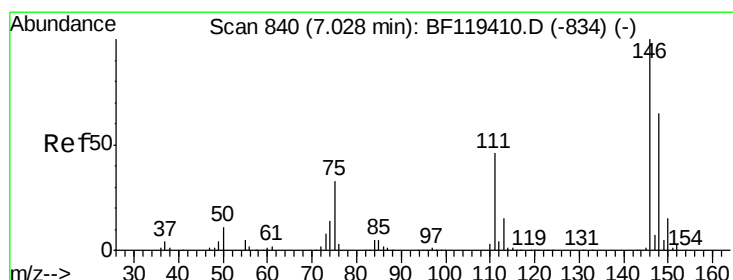
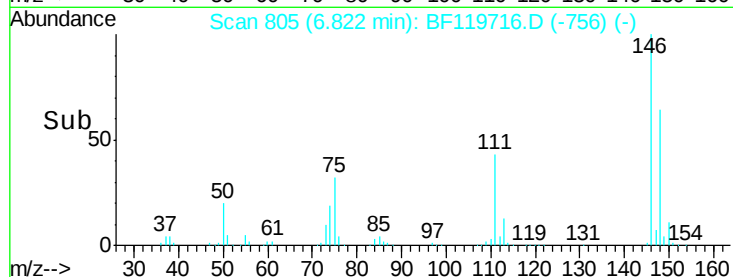
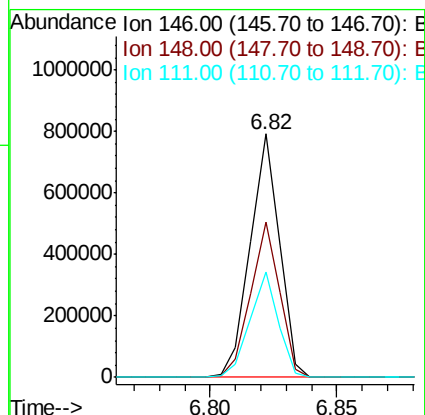
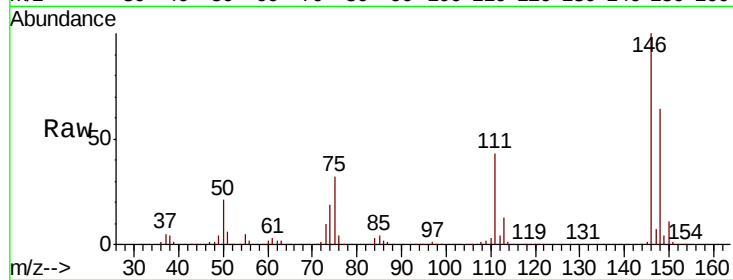
ClientSampled :

PB127964BS

Tot Ion:	146	Resp:	639481
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.5	77.3
111	43.2	33.3	49.9

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#14

1,2-Dichlorobenzene

Concen: 39.931 ng

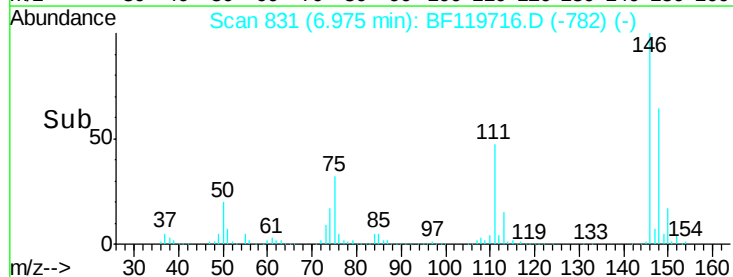
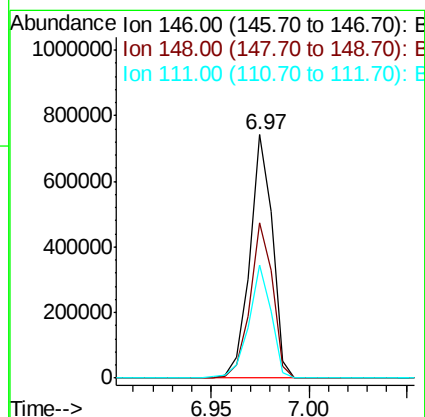
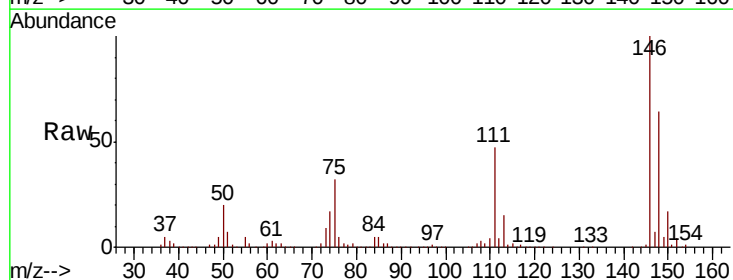
RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	146	Resp:	593535
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	46.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 38.391 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

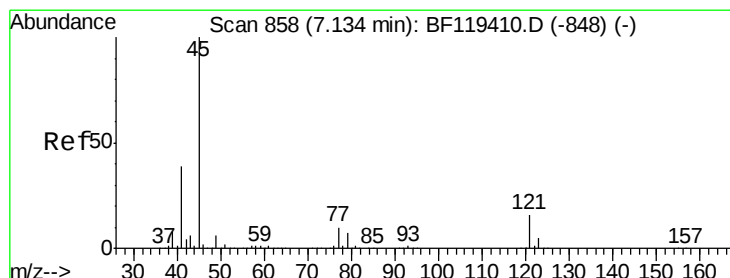
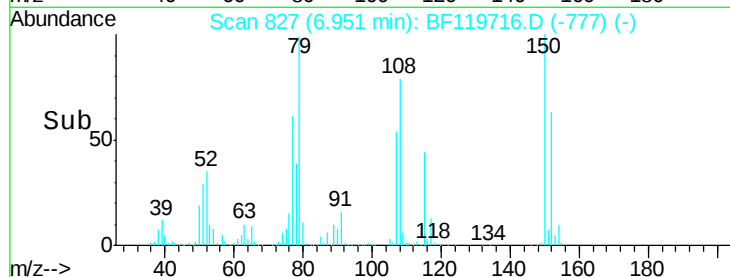
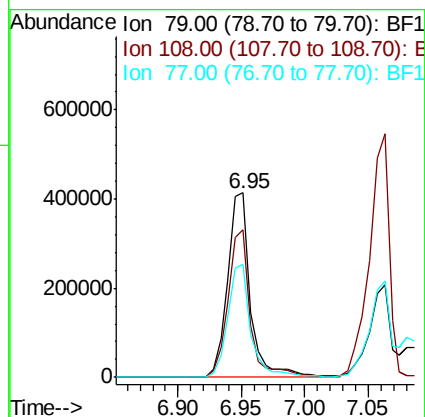
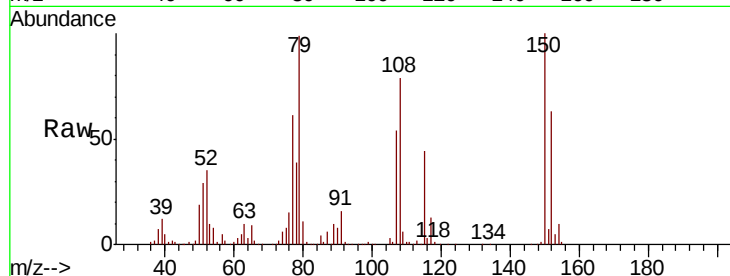
ClientSampleId :

PB127964BS

Tot Ion:	79	Resp:	515954
Ion	Ratio	Lower	Upper
79	100		
108	80.1	60.6	90.8
77	61.1	50.2	75.2

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.573 ng

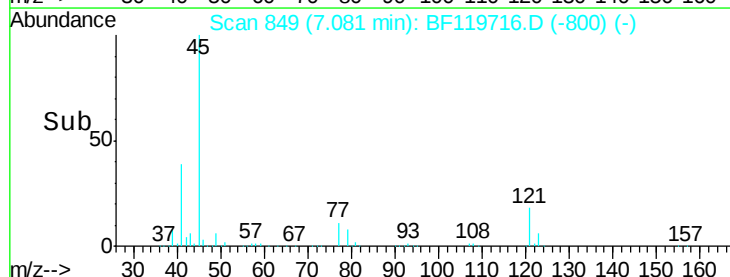
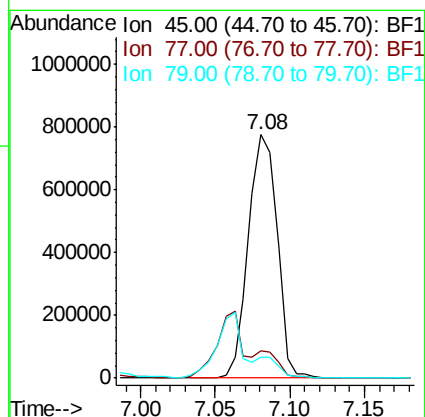
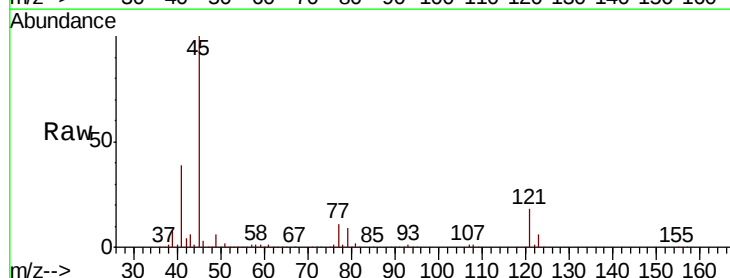
RT: 7.08 min Scan# 849

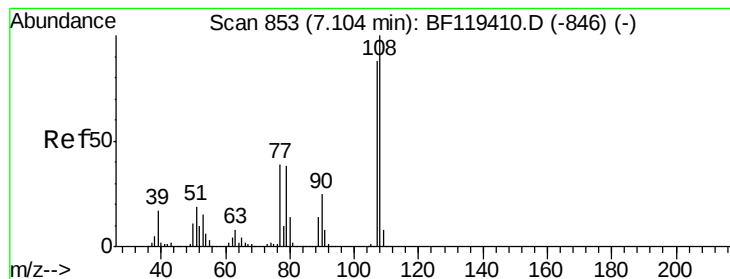
Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	45	Resp:	1032509
Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.7
79	8.7	0.0	28.2





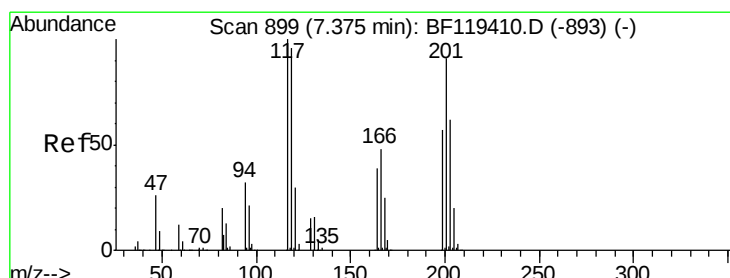
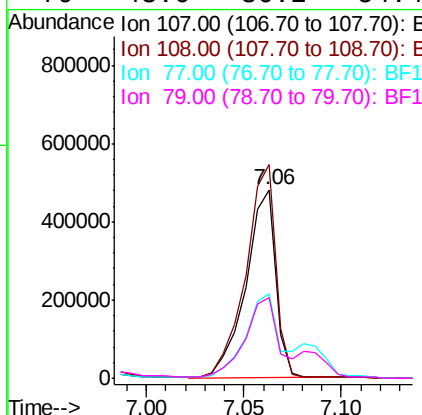
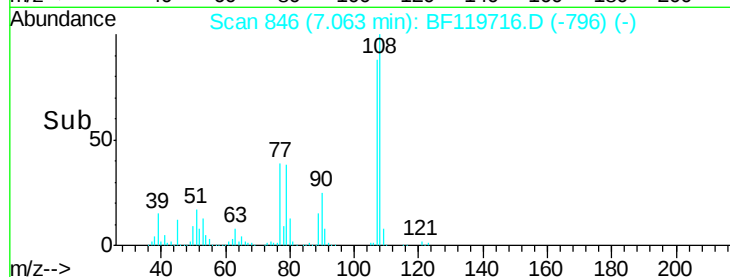
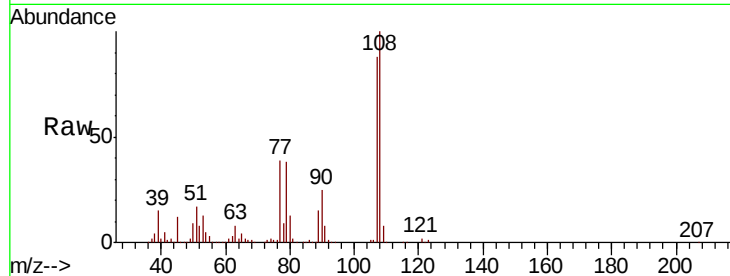
#17
2-Methylphenol
Concen: 38.132 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.2	138.4	
77	44.6	36.6	54.8	
79	43.0	36.2	54.4	

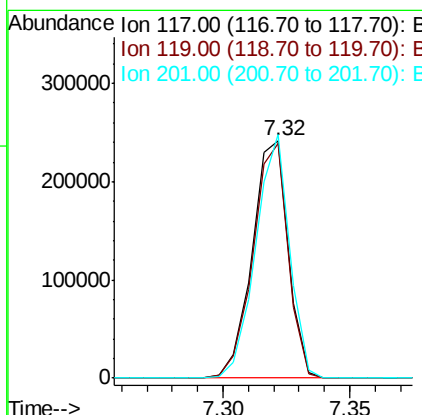
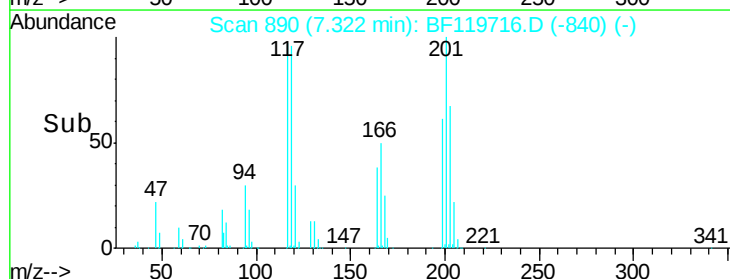
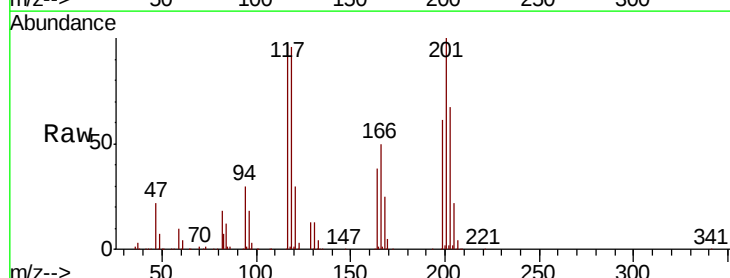
Manual Integrations
APPROVED

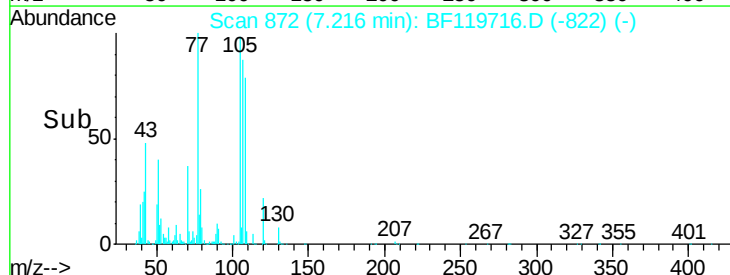
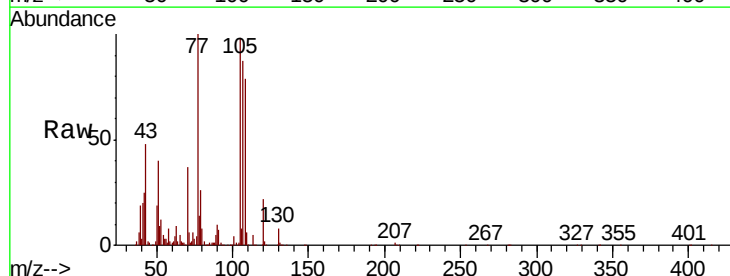
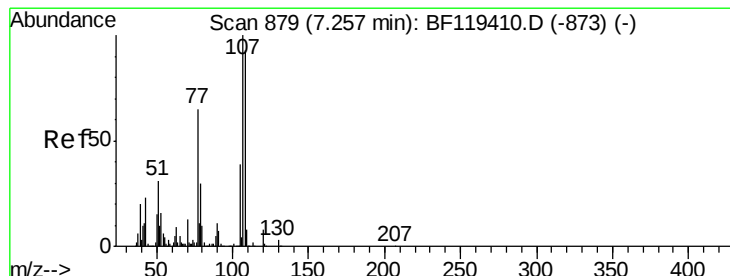
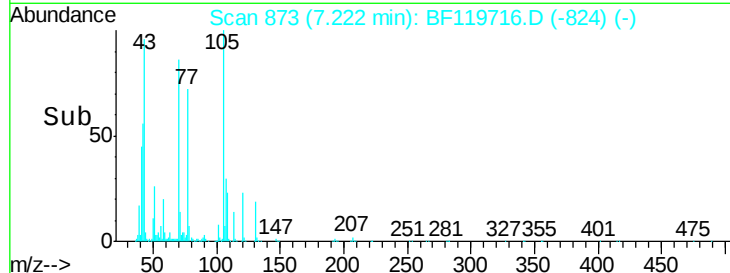
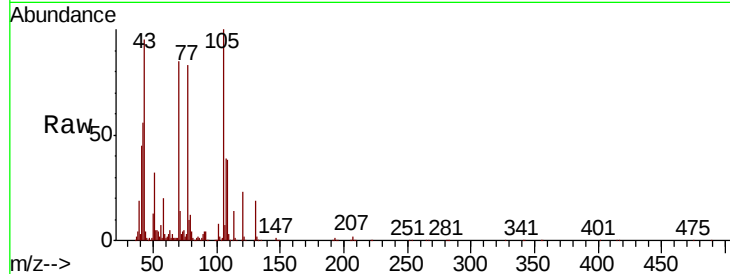
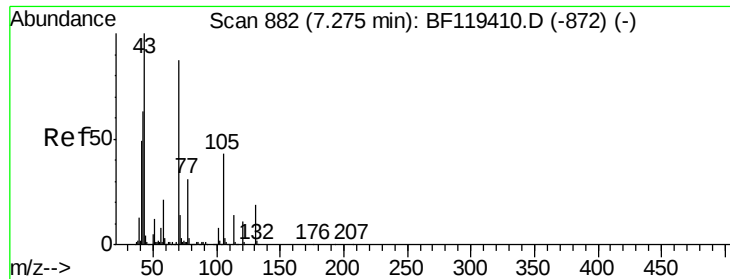
mohammad
4/6/2020 1:38:44 PM



#18
Hexachloroethane
Concen: 40.994 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

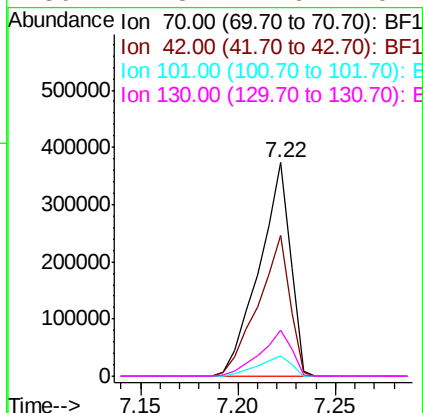
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	76.1	114.1	
201	102.7	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 38.631 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.9	54.5	81.7	
101	9.8	7.6	11.4	
130	21.8	17.6	26.4	



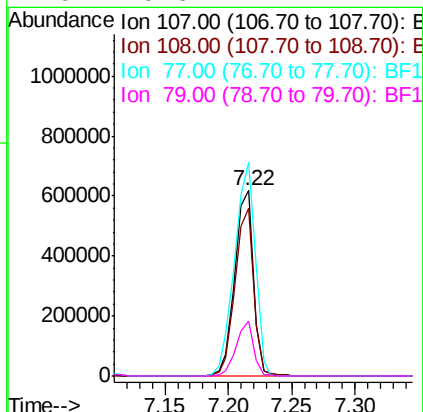
Instrument :
BNA_F
ClientSampleId :
PB127964BS

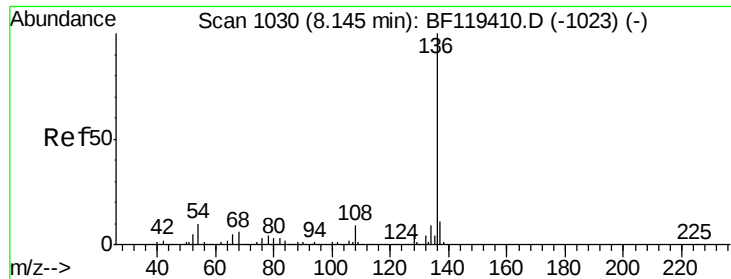
Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM

#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.9	107.9	
77	115.4	52.9	92.9	
79	29.6	7.7	47.7	





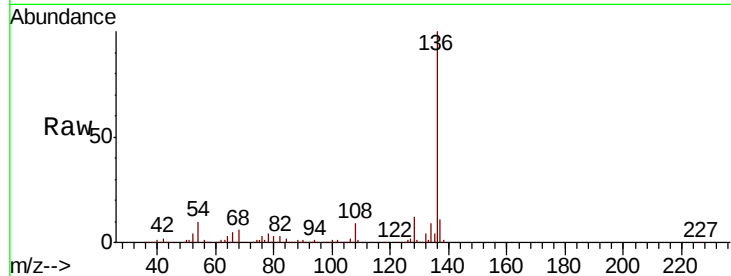
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampled :
PB127964BS

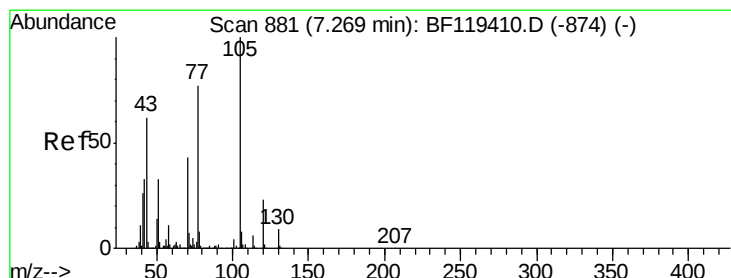
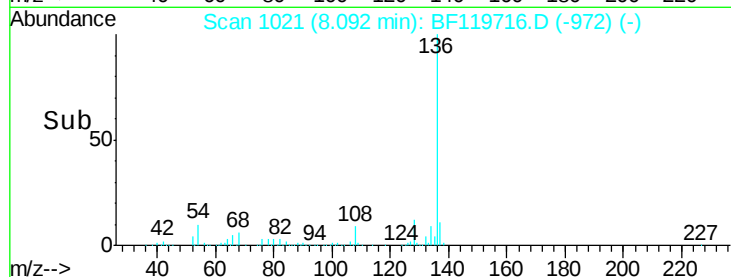
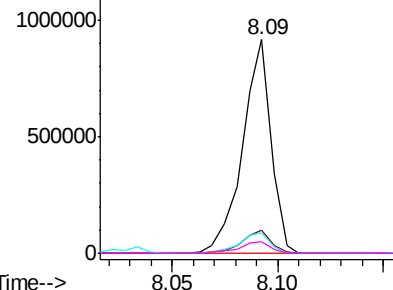
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.7	13.1	
54	9.8	9.1	13.7	
68	5.7	4.6	6.8	

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



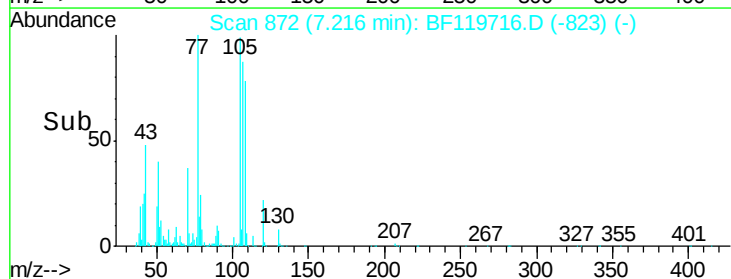
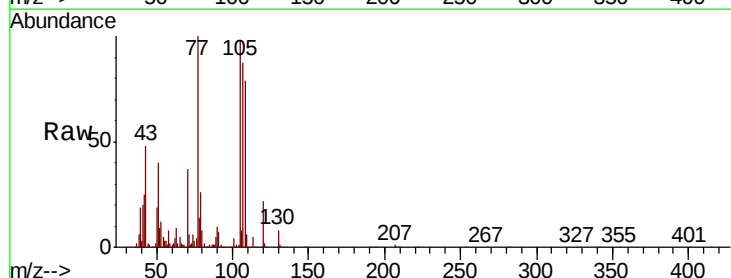
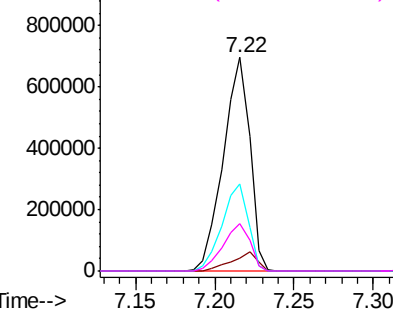
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

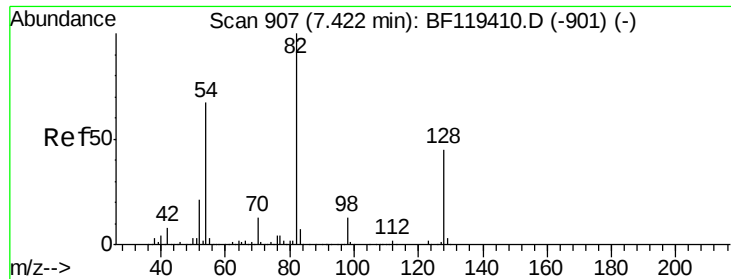


#22
Acetophenone
Concen: 39.082 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	5.7	8.5	
51	40.9	26.2	39.4	
120	22.3	18.3	27.5	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





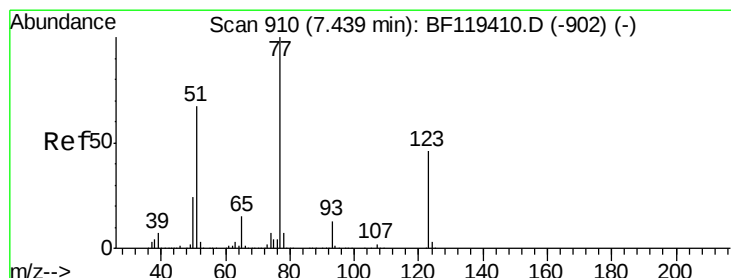
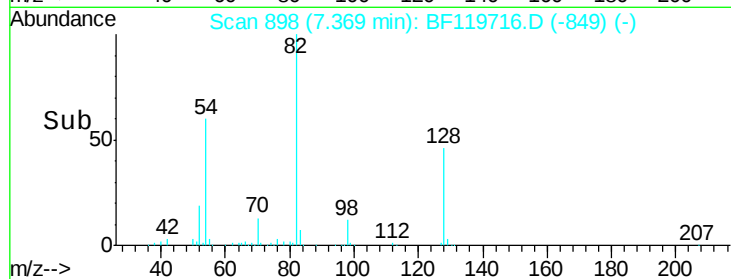
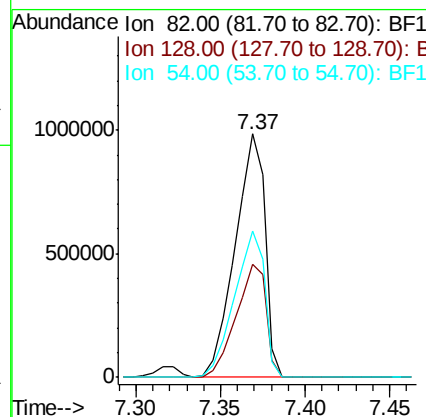
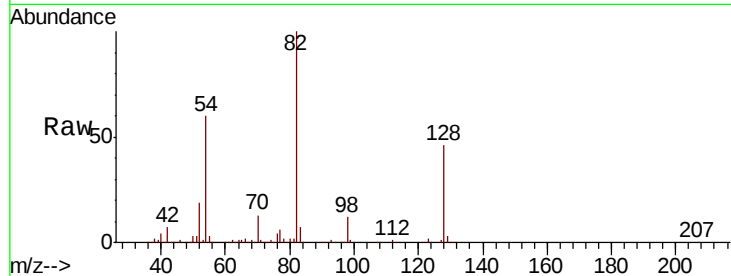
#23
Nitrobenzene-d5
Concen: 76.085 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	60.1	50.6	75.8

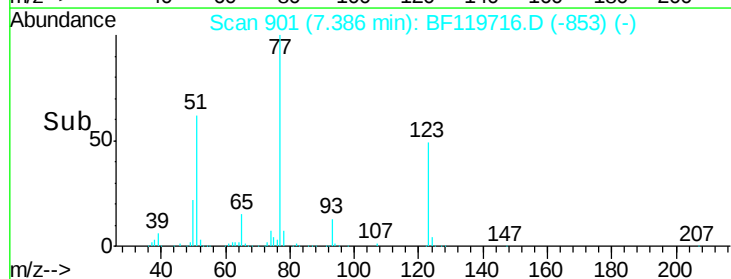
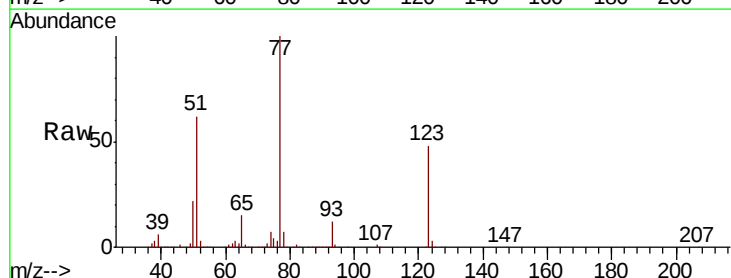
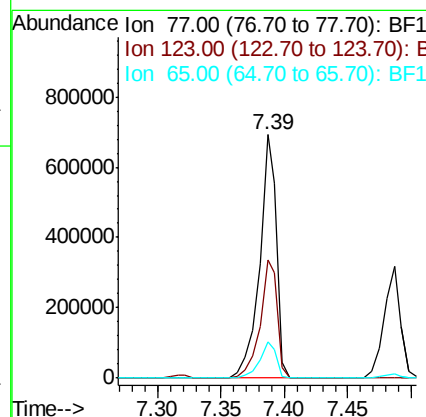
Manual Integrations
APPROVED

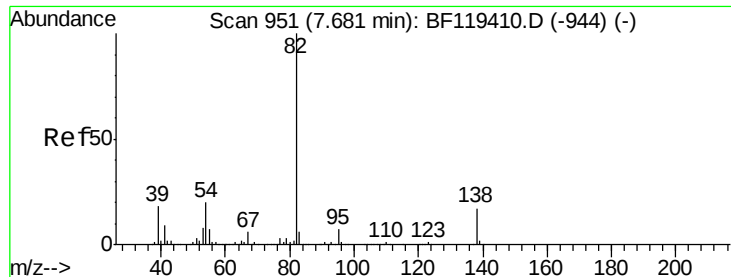
mohammad
4/6/2020 1:38:44 PM



#24
Nitrobenzene
Concen: 38.244 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.0	57.0
65	15.1	12.6	18.8





#25

Isophorone

Concen: 36.269 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion: 82 Resp: 1168761

Ion Ratio Lower Upper

82 100

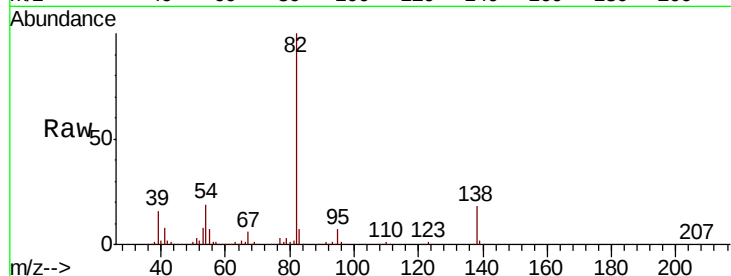
95 6.5 5.8 8.6

138 17.6 14.6 21.8

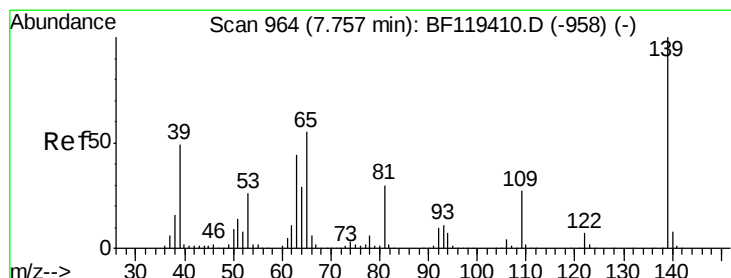
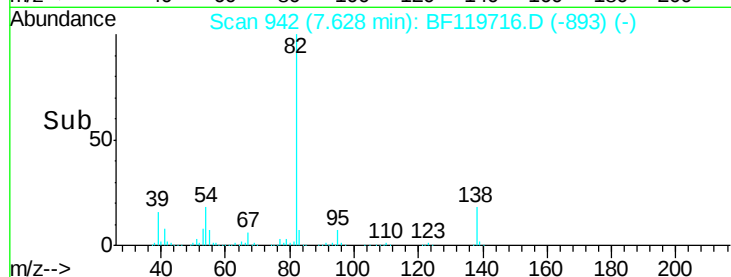
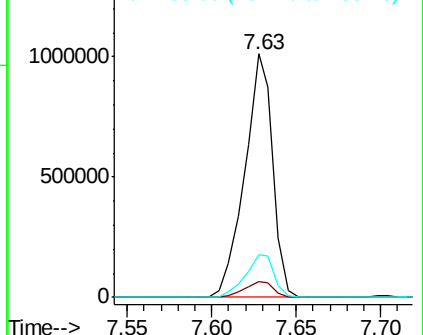
Manual Integrations
APPROVED

mohammad

4/6/2020 1:38:44 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.089 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

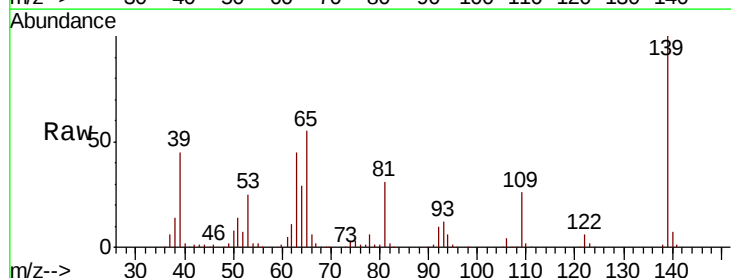
Tgt Ion: 139 Resp: 334826

Ion Ratio Lower Upper

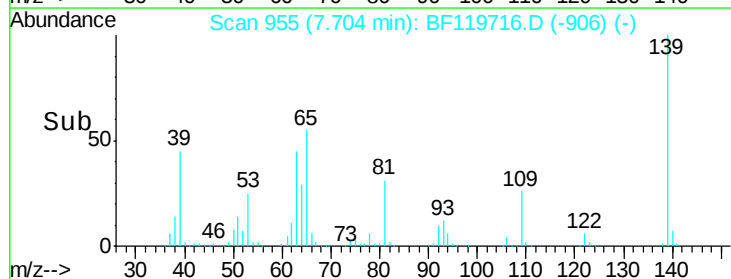
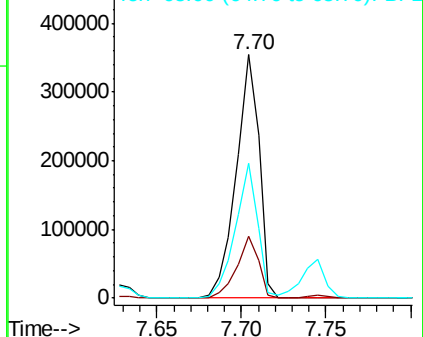
139 100

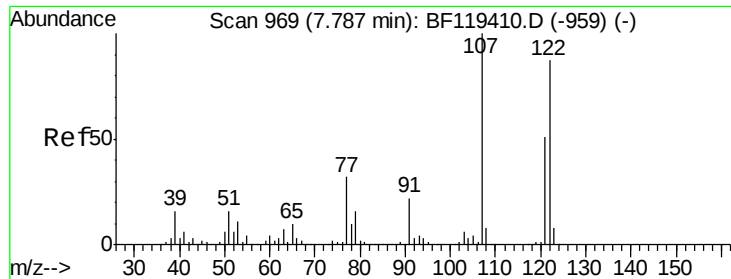
109 25.6 22.1 33.1

65 55.1 49.2 73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.075 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

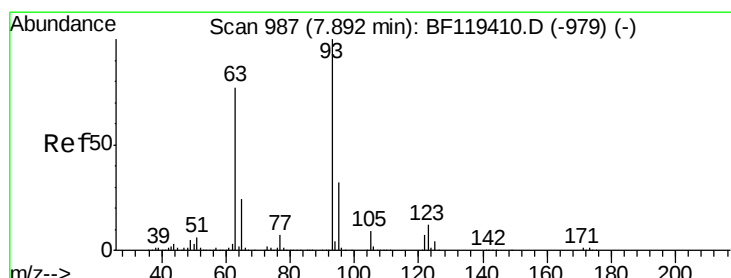
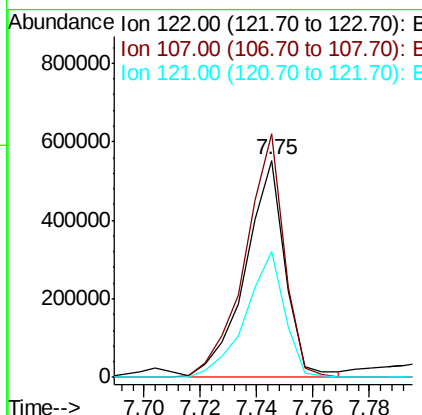
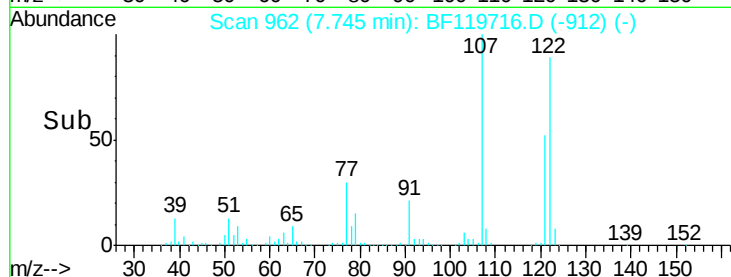
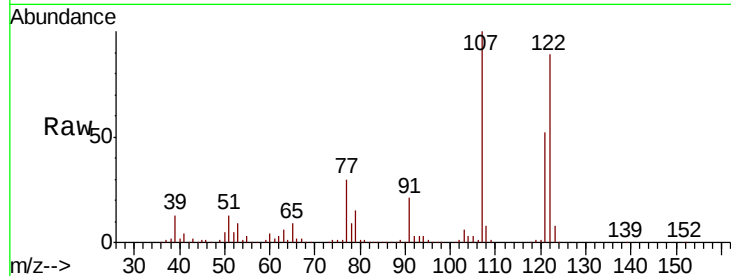
ClientSampleId :

PB127964BS

Tot Ion:	122	Resp:	540100
Ion Ratio	Lower	Upper	
122	100		
107	112.2	89.0	133.6
121	58.1	46.7	70.1

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.612 ng

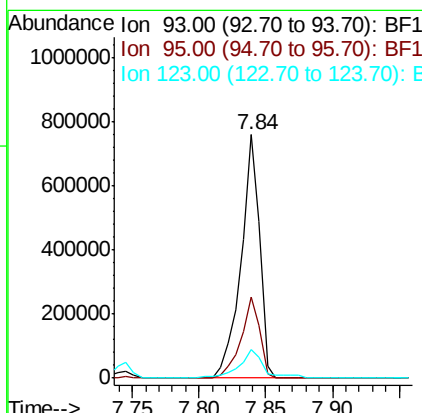
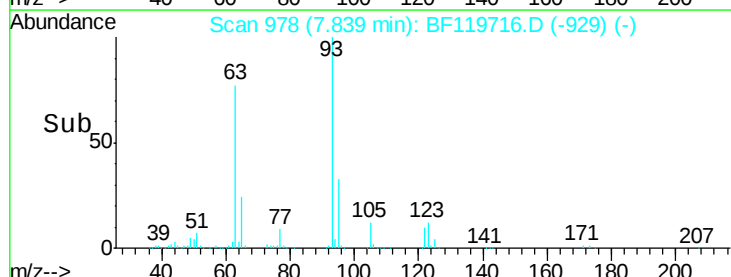
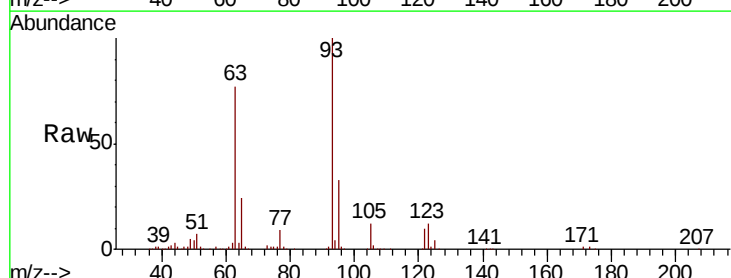
RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	93	Resp:	735784
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.8	9.7	14.5





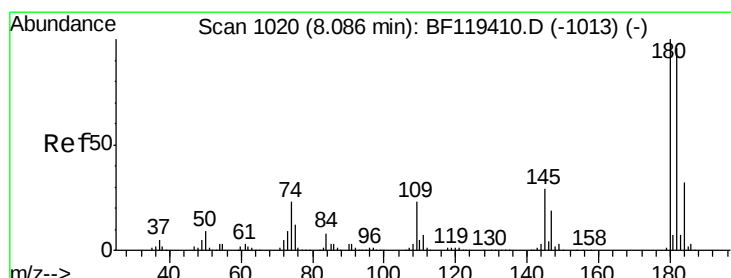
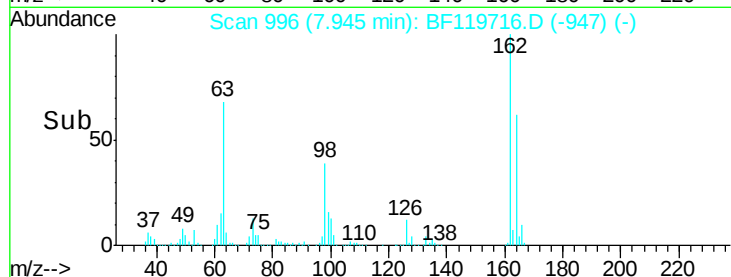
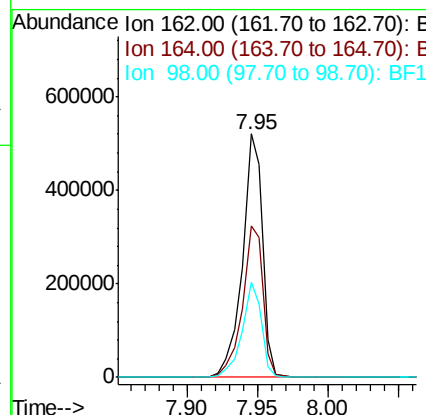
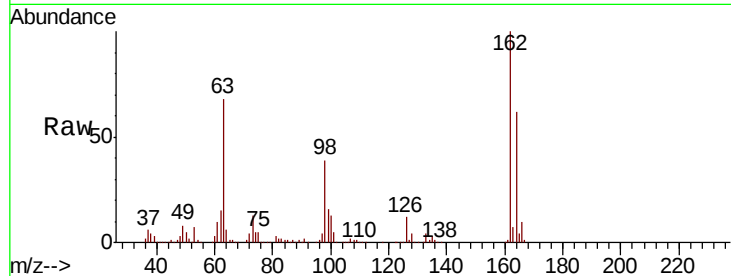
#29
2,4-Dichlorophenol
Concen: 40.569 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	515228		
164	62.0		44.7	84.7
98	39.3		20.7	60.7

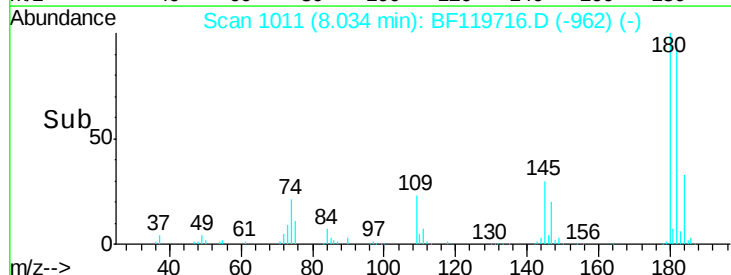
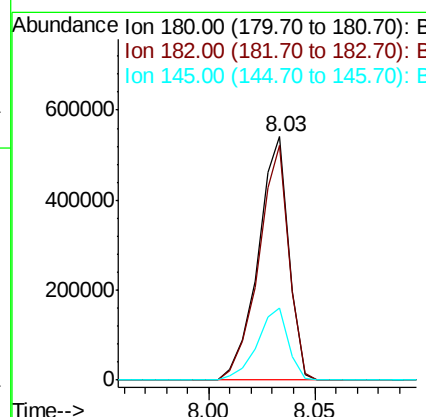
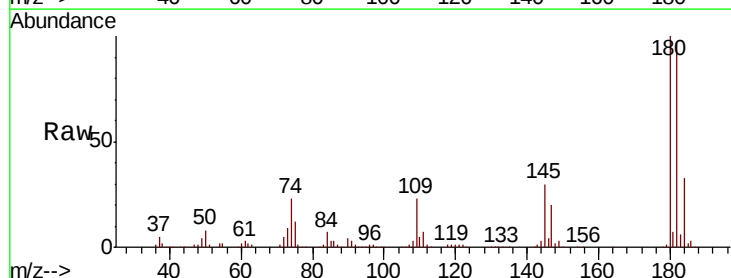
Manual Integrations
APPROVED

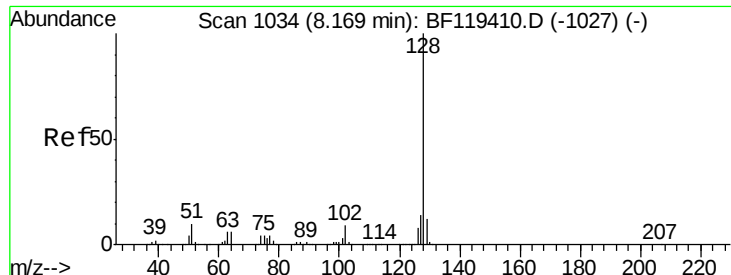
mohammad
4/6/2020 1:38:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.032 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	548211		
182	96.6		74.7	112.1
145	29.6		24.5	36.7





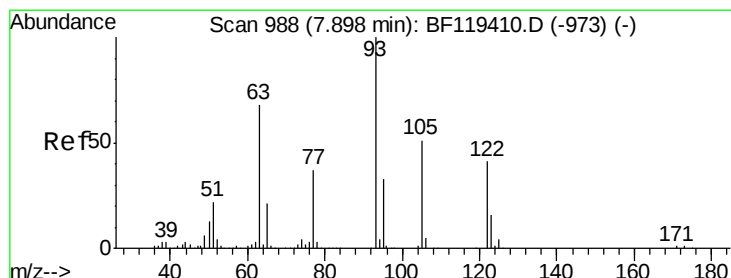
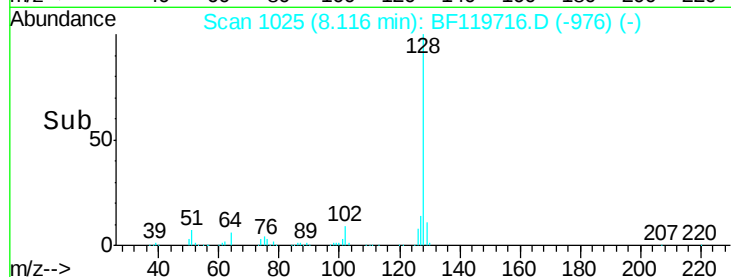
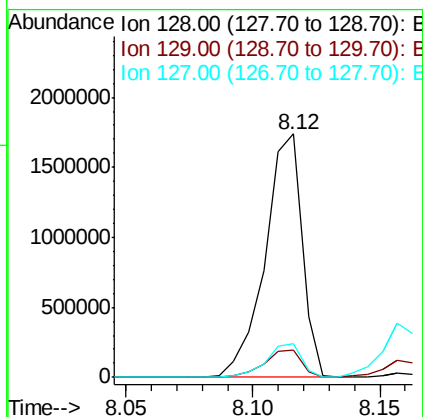
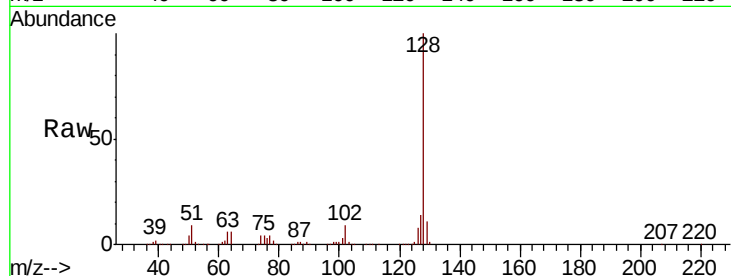
#31
Naphthalene
Concen: 39.834 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.6	11.3	16.9

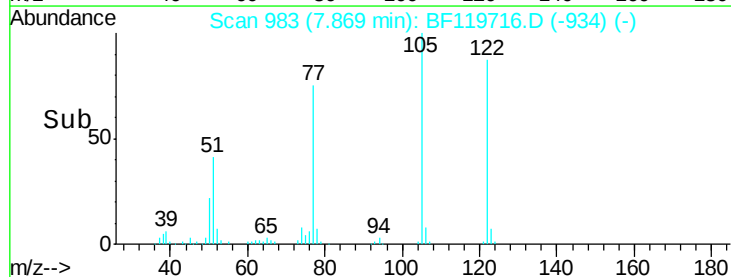
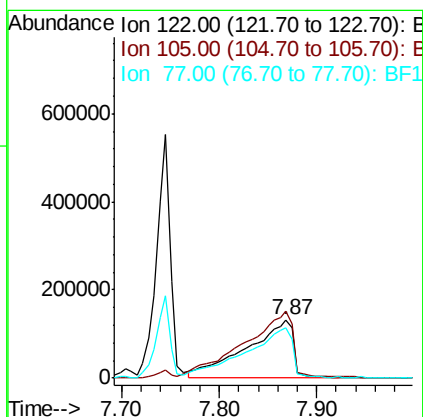
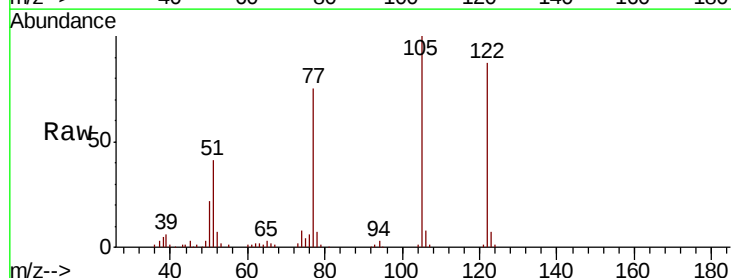
Manual Integrations
APPROVED

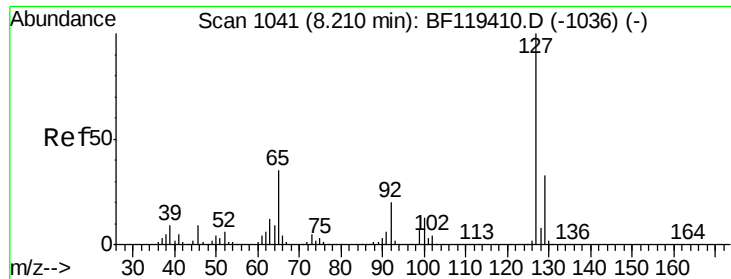
mohammad
4/6/2020 1:38:44 PM



#32
Benzoic acid
Concen: 48.949 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	104.9	144.9
77	87.1	74.4	114.4





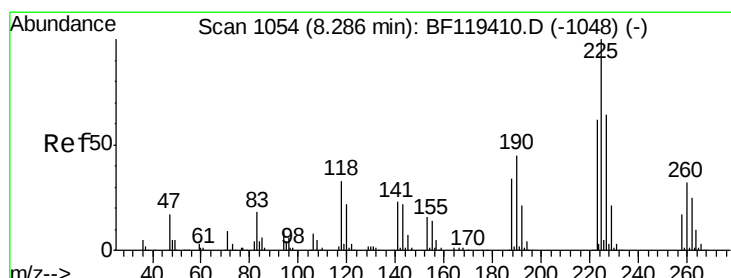
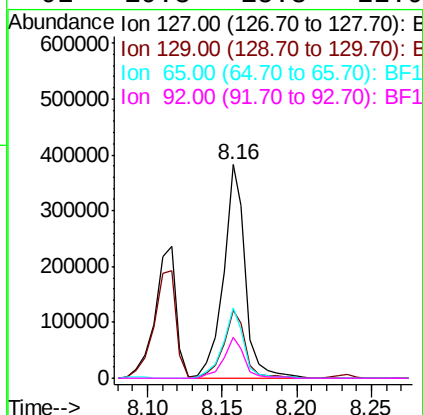
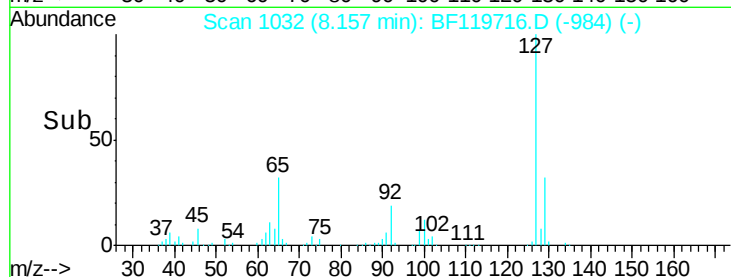
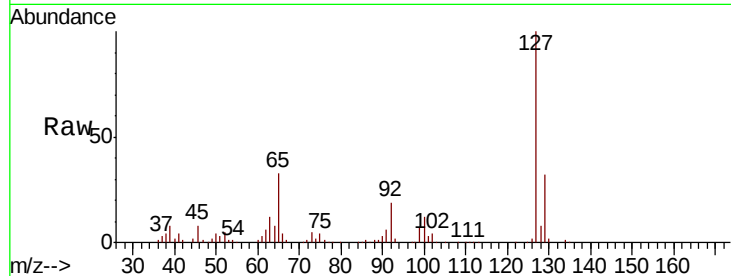
#33
4-Chloroaniline
Concen: 19.406 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		395072		
129	32.0	26.2	39.4		
65	33.2	27.4	41.0		
92	19.3	15.3	22.9		

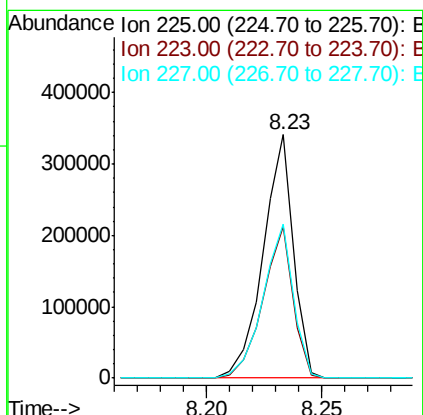
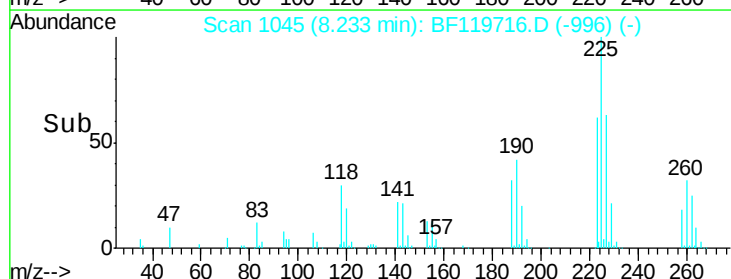
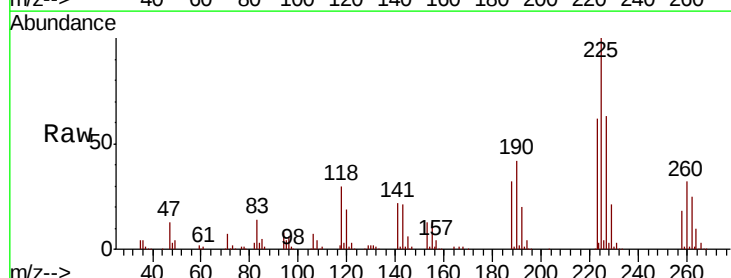
Manual Integrations
APPROVED

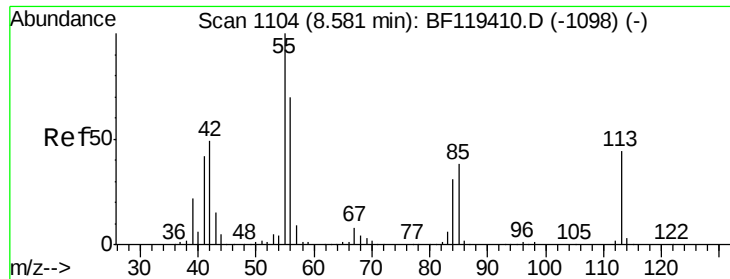
mohammad
4/6/2020 1:38:44 PM



#34
Hexachlorobutadiene
Concen: 39.432 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		309875		
223	62.3	51.0	76.6		
227	63.1	50.7	76.1		





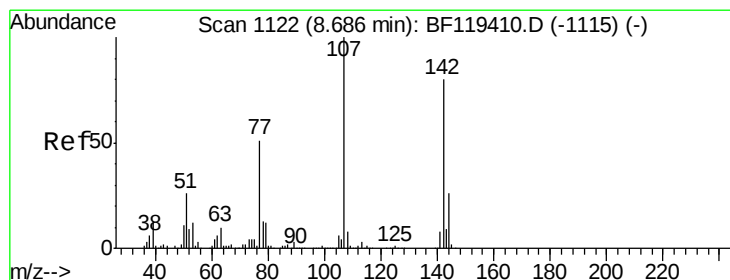
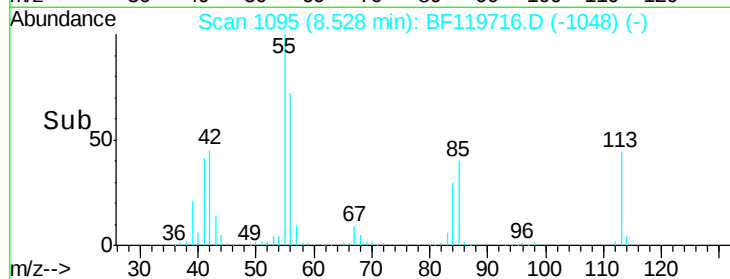
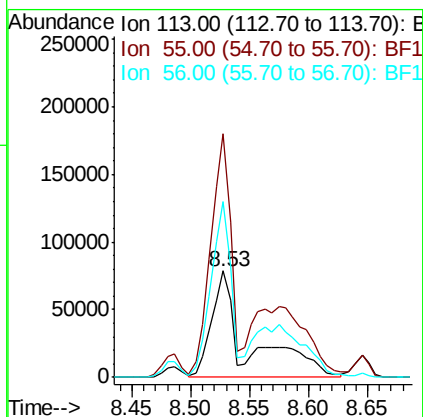
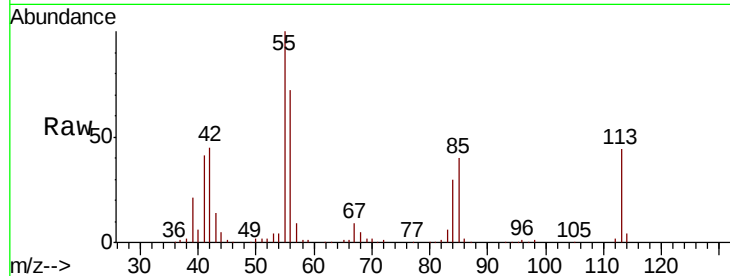
#35
 Caprolactam
 Concen: 40.286 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleID :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	228.7	218.4	258.4
56	164.8	148.9	188.9

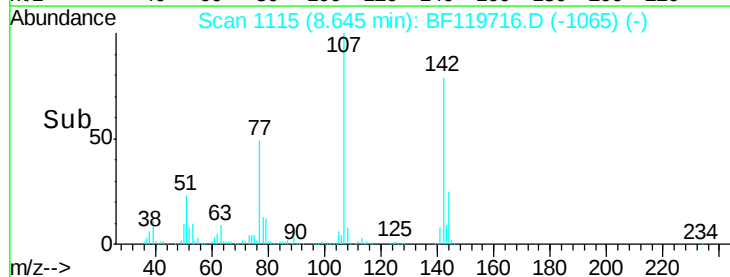
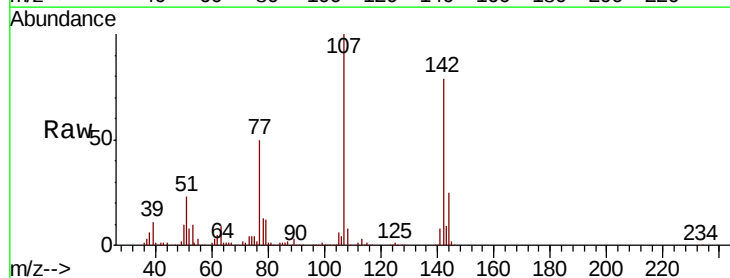
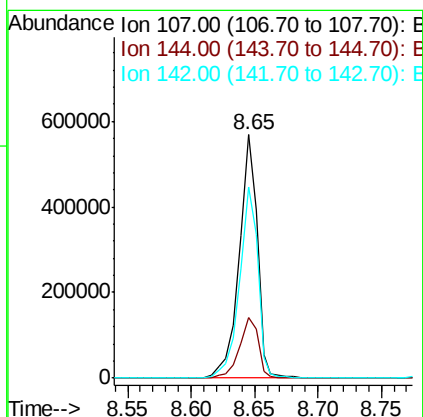
Manual Integrations
 APPROVED

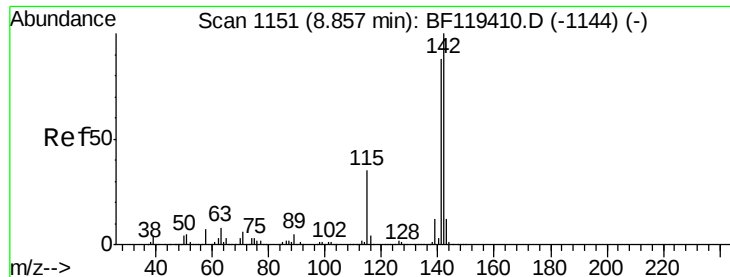
mohammad
 4/6/2020 1:38:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.156 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.0	31.6
142	78.6	64.4	96.6





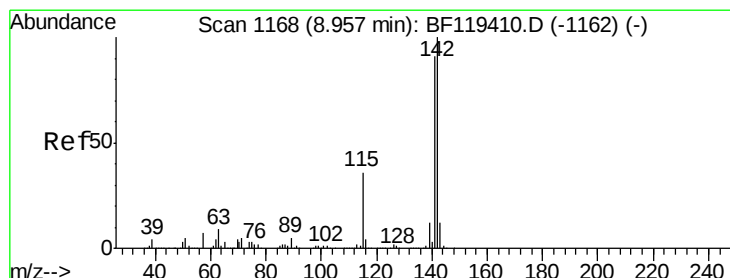
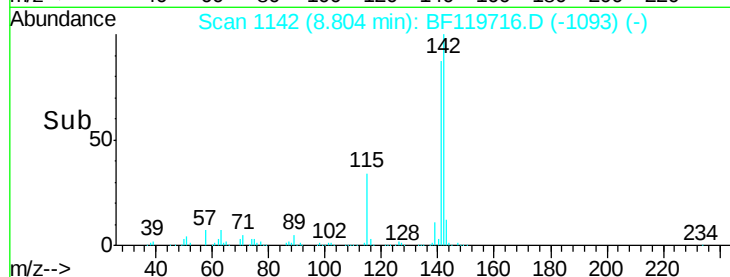
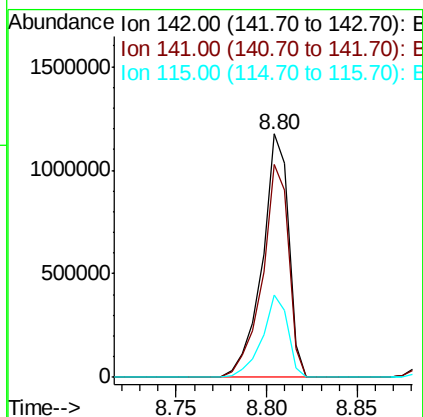
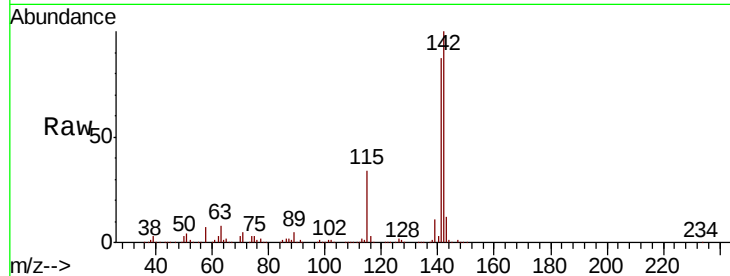
#37
2-Methylnaphthalene
Concen: 40.956 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:142 Resp: 1194240
Ion Ratio Lower Upper
142 100
141 87.4 71.7 107.5
115 33.9 27.9 41.9

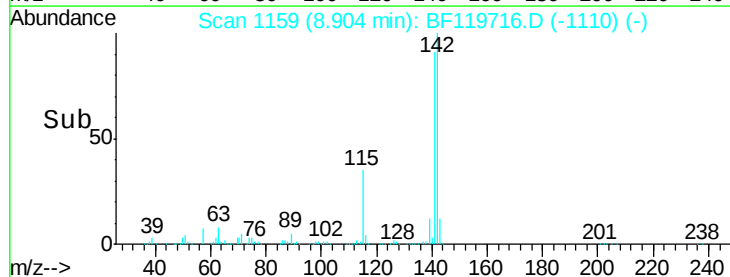
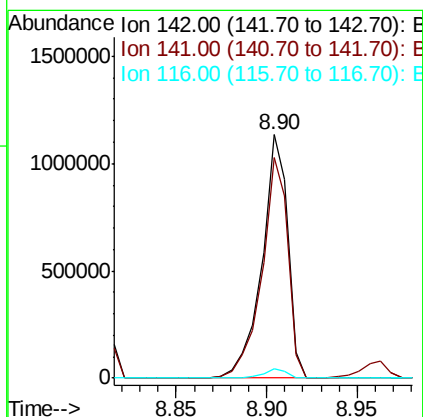
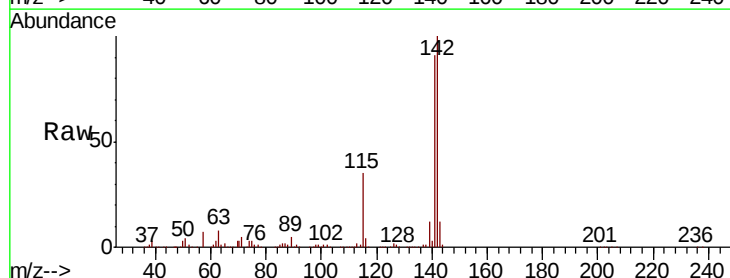
Manual Integrations
APPROVED

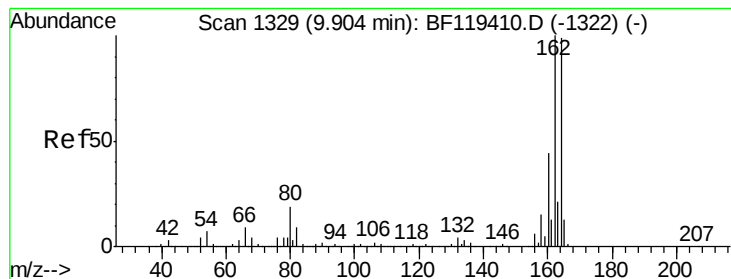
mohammad
4/6/2020 1:38:44 PM



#38
1-Methylnaphthalene
Concen: 40.669 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:142 Resp: 1122451
Ion Ratio Lower Upper
142 100
141 90.7 73.7 110.5
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

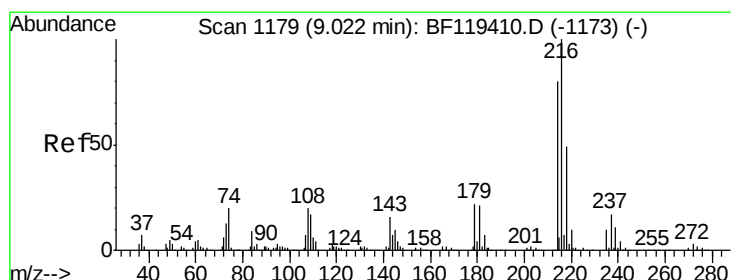
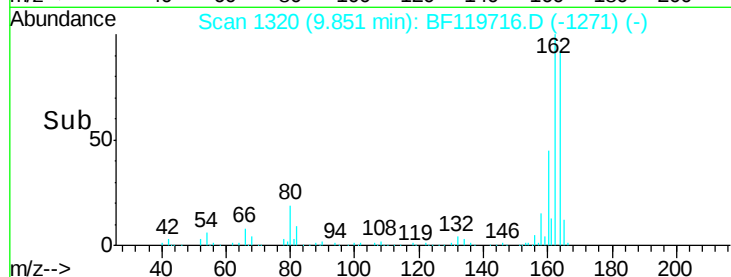
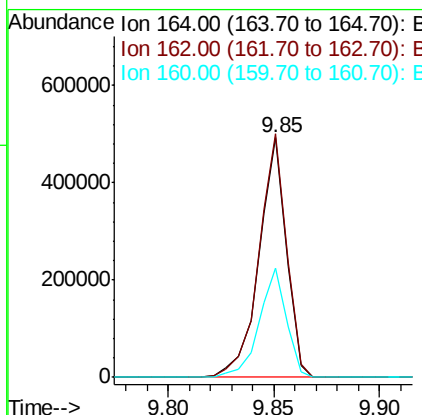
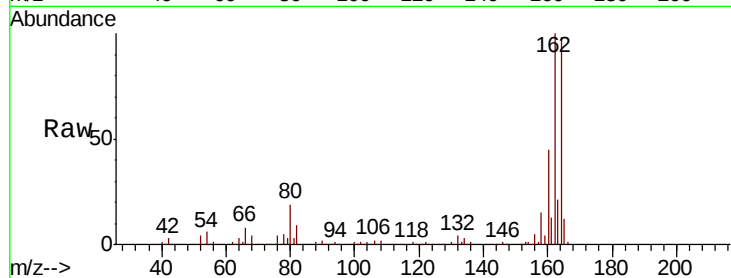
ClientSampleId :

PB127964BS

Tot Ion:	164	Resp:	445902
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.6	121.0
160	45.6	35.7	53.5

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.023 ng

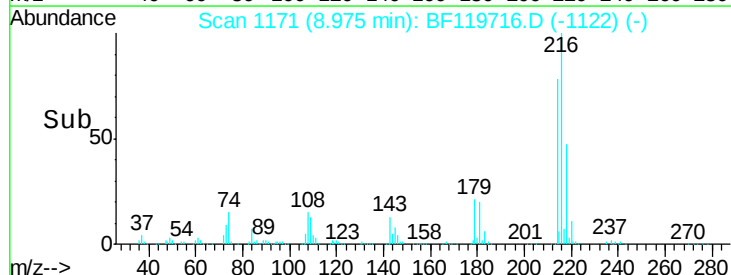
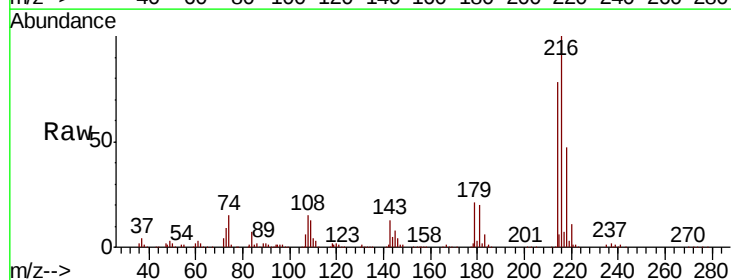
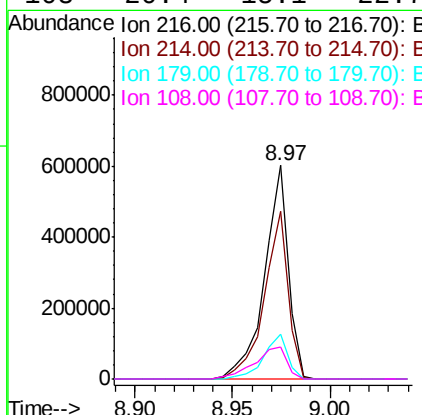
RT: 8.97 min Scan# 1171

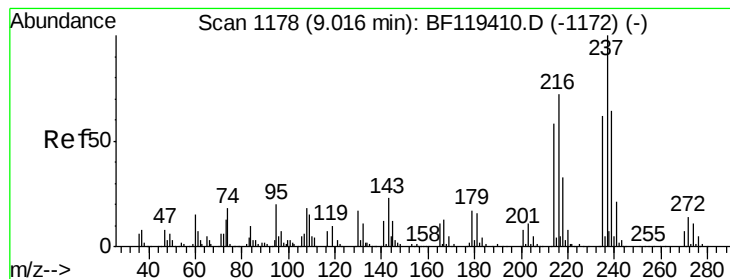
Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	216	Resp:	510019
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.2	94.8
179	21.2	17.1	25.7
108	20.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 84.207 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

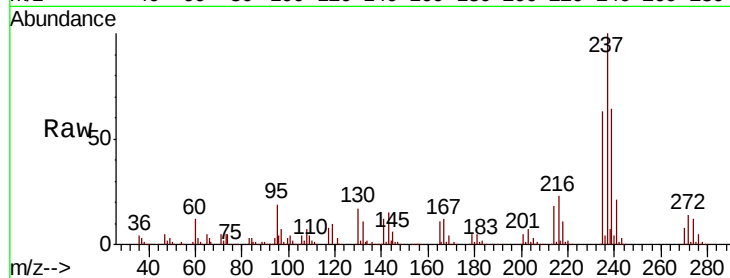
ClientSampleId :

PB127964BS

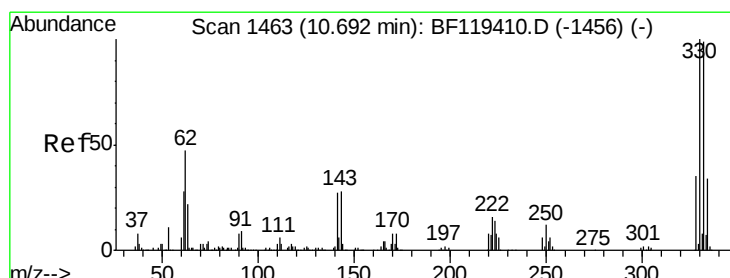
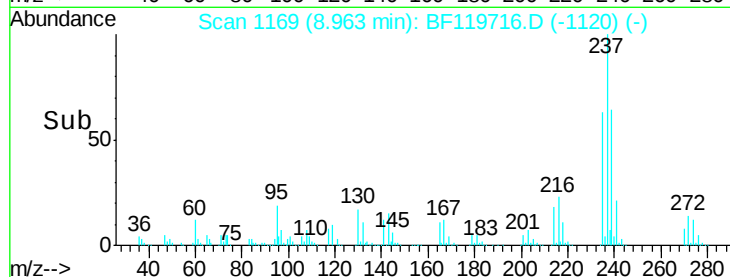
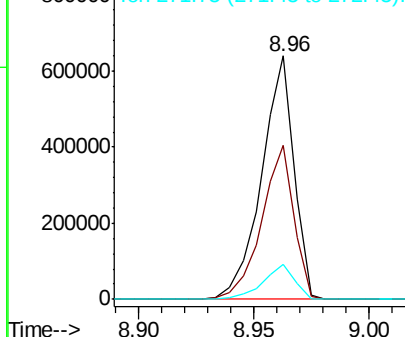
Tot Ion:	237	Resp:	625685
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.2	83.2
272	14.2	0.0	34.1

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



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



#42

2,4,6-Tribromophenol

Concen: 126.757 ng

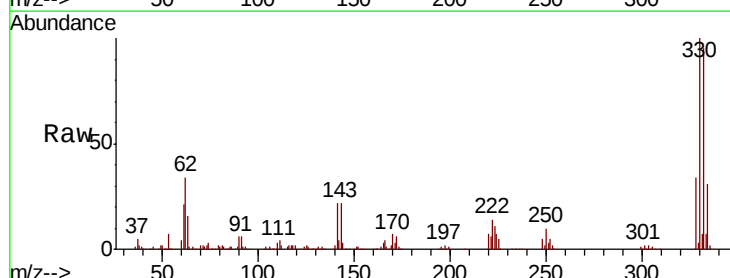
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

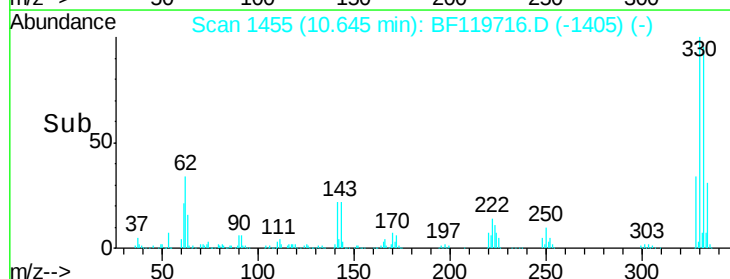
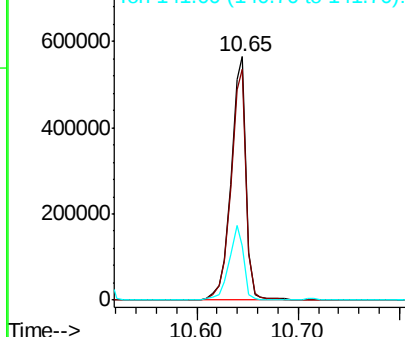
Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:	330	Resp:	583110
Ion Ratio		Lower	Upper
330	100		
332	95.5	75.7	113.5
141	29.7	25.4	38.0



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





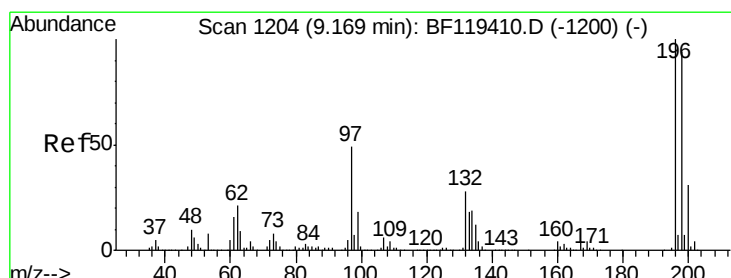
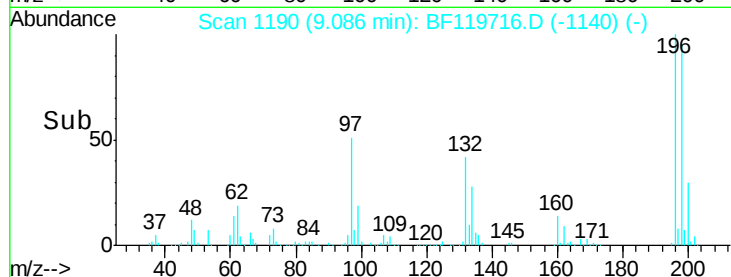
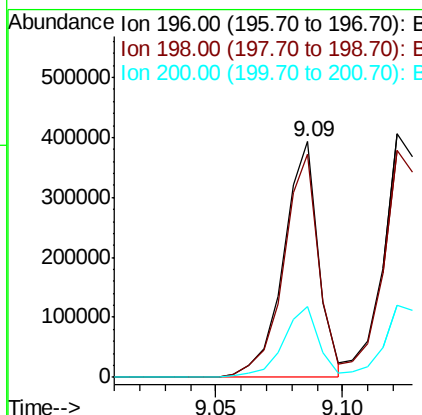
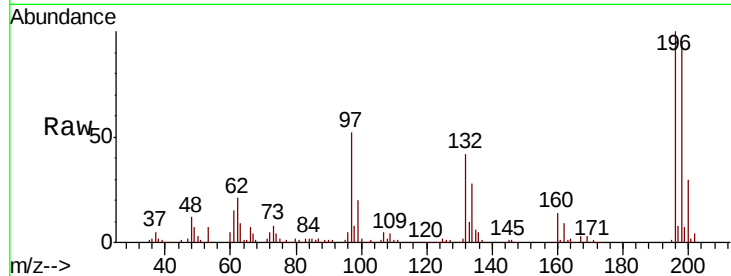
#43
 2,4,6-Trichlorophenol
 Concen: 40.484 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	378646		
198	94.5	76.6	115.0	
200	29.9	24.6	36.8	

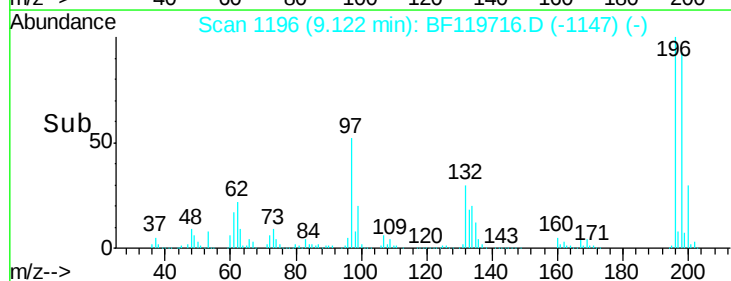
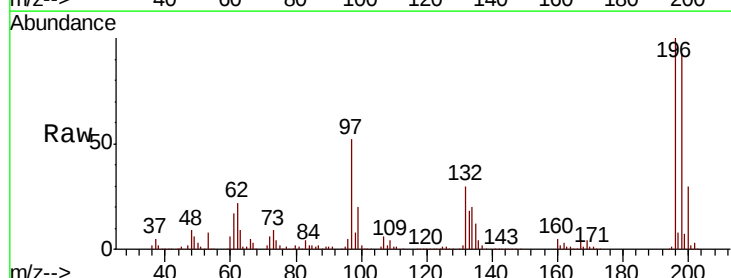
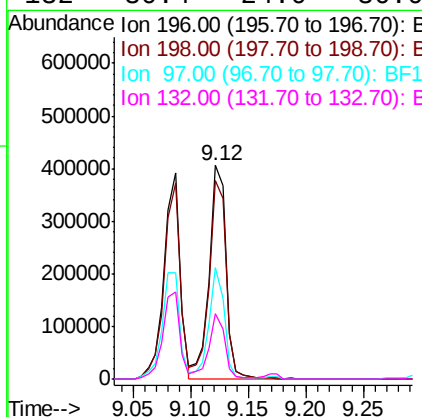
Manual Integrations
 APPROVED

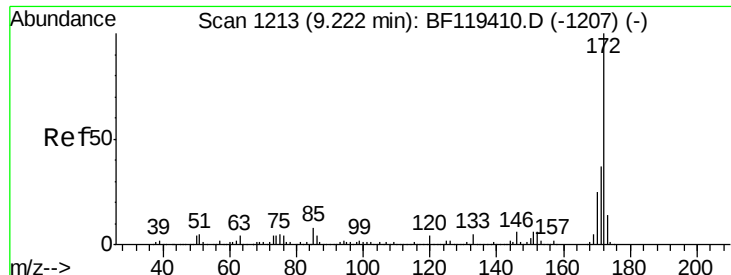
mohammad
 4/6/2020 1:38:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.474 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413586		
198	93.0	73.8	110.8	
97	52.2	42.6	63.8	
132	30.4	24.0	36.0	





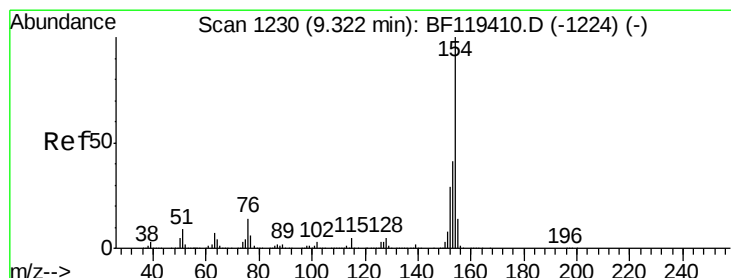
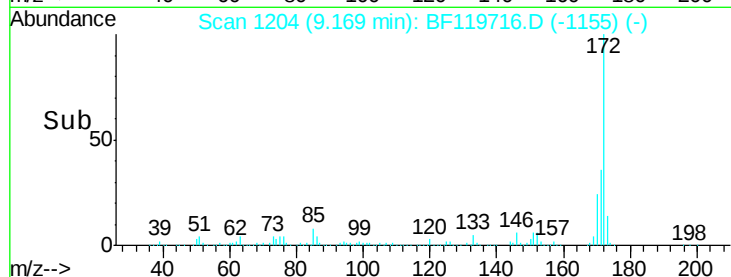
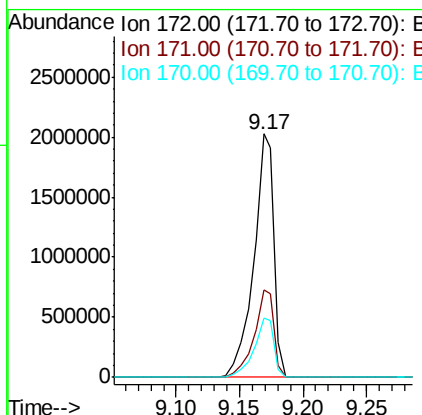
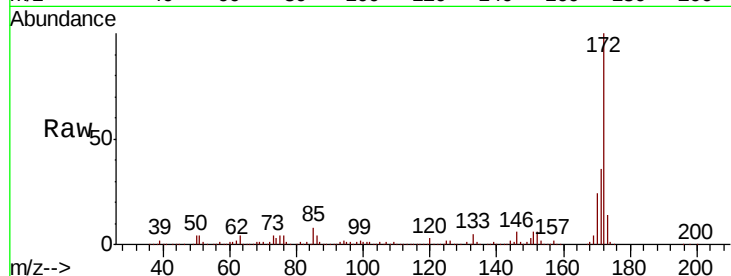
#45
 2-Fluorobiphenyl
 Concen: 74.716 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	20.2	30.2

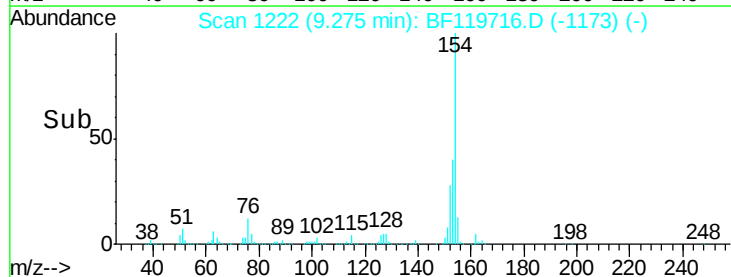
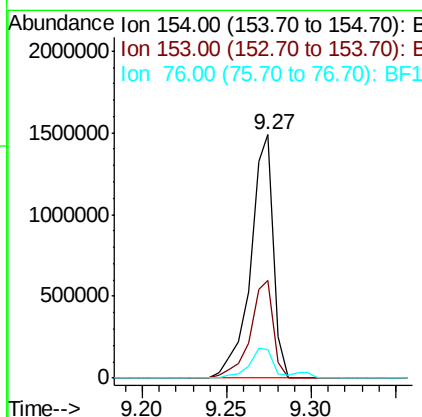
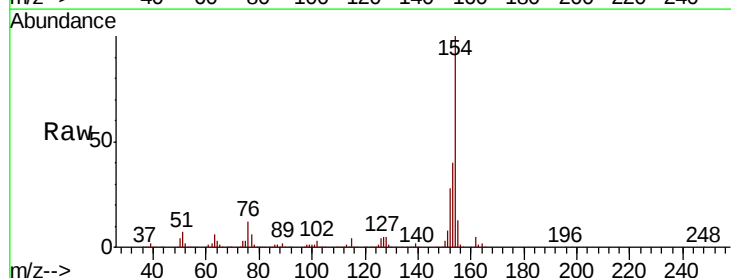
Manual Integrations
 APPROVED

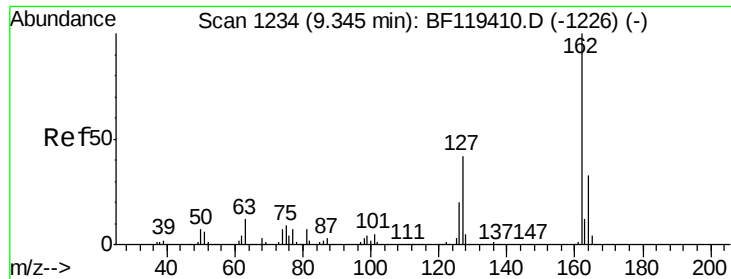
mohammad
 4/6/2020 1:38:44 PM



#46
 1,1'-Biphenyl
 Concen: 38.680 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	11.7	0.0	33.0





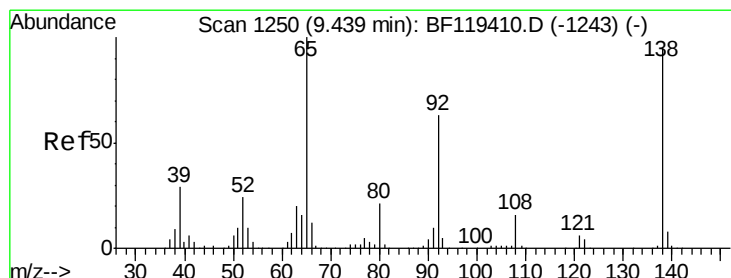
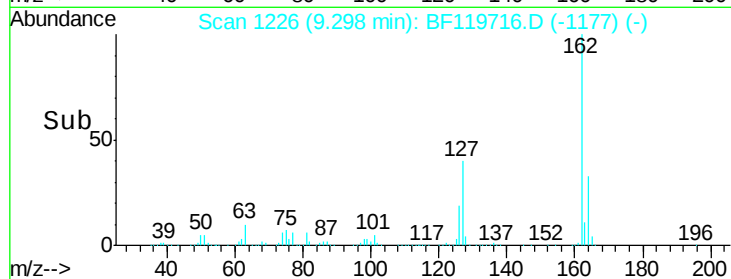
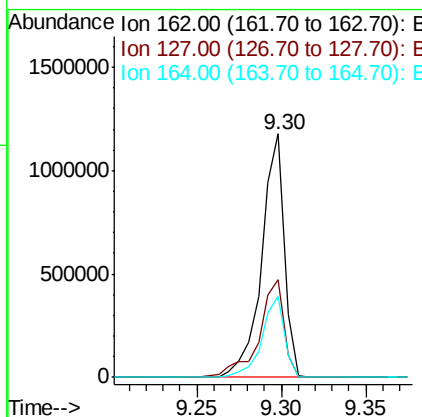
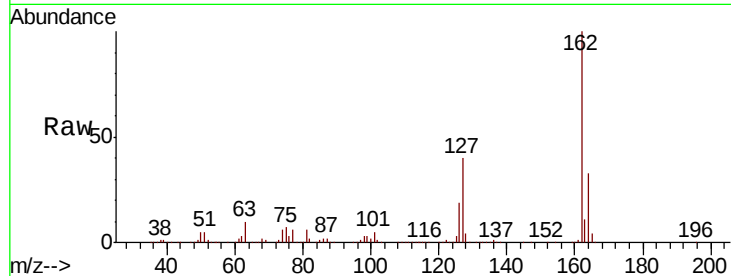
#47
 2-Chloronaphthalene
 Concen: 38.535 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.0	33.7	50.5	
164	33.2	26.3	39.5	

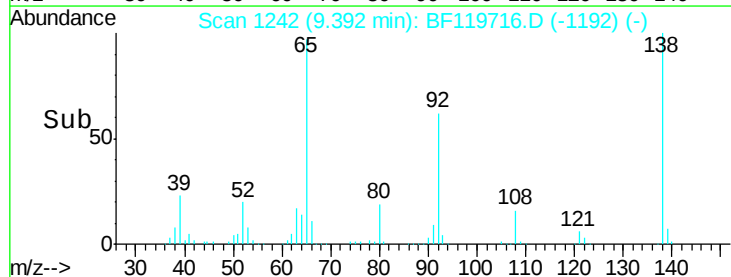
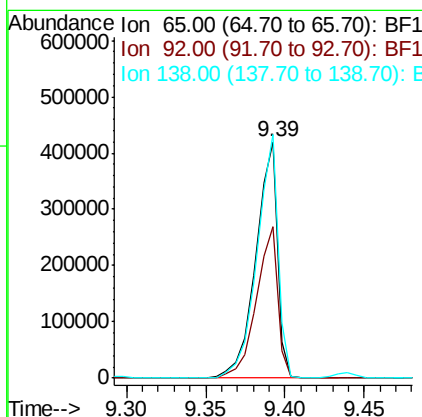
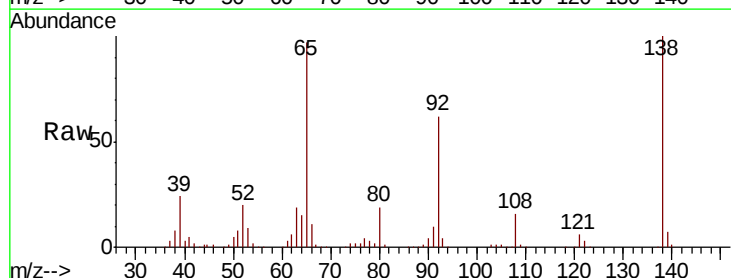
Manual Integrations
 APPROVED

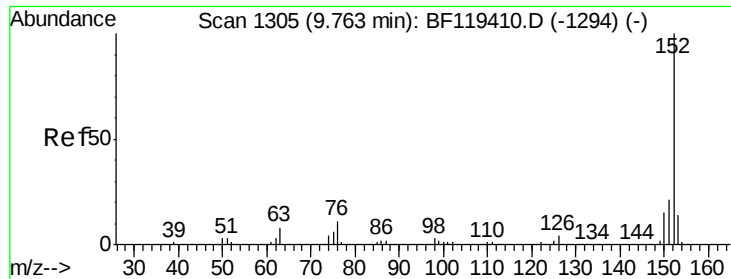
mohammad
 4/6/2020 1:38:44 PM



#48
 2-Nitroaniline
 Concen: 40.712 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	63.9	50.0	75.0	
138	103.1	75.0	112.4	





#49

Acenaphthylene

Concen: 39.097 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion:152 Resp: 1746535

Ion Ratio Lower Upper

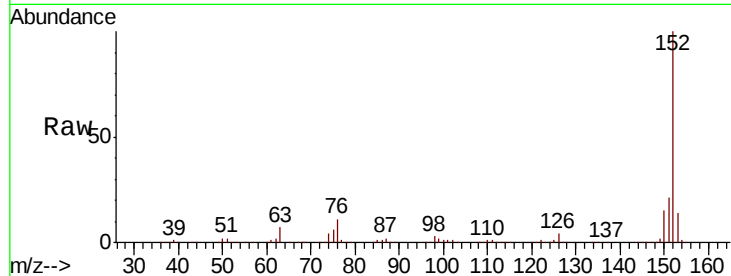
152 100

151 20.7 17.2 25.8

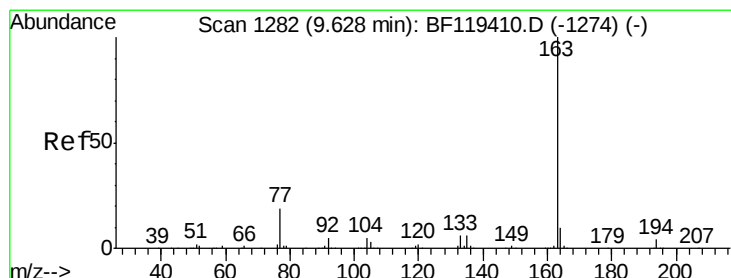
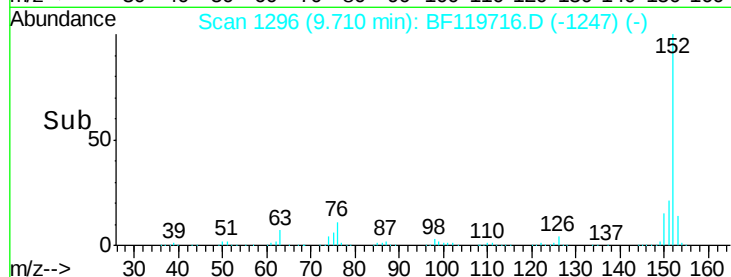
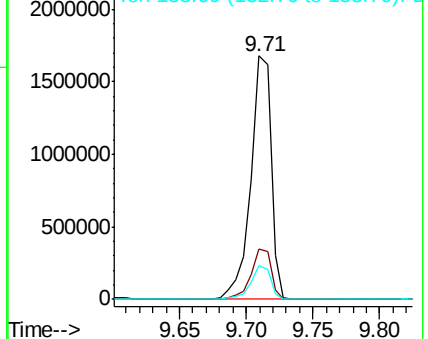
153 13.9 11.2 16.8

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



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



#50

Dimethylphthalate

Concen: 40.254 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

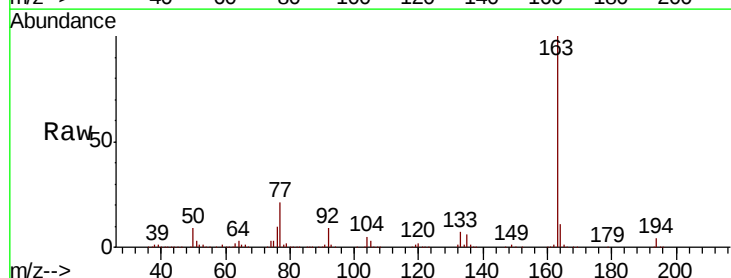
Tgt Ion:163 Resp: 1274943

Ion Ratio Lower Upper

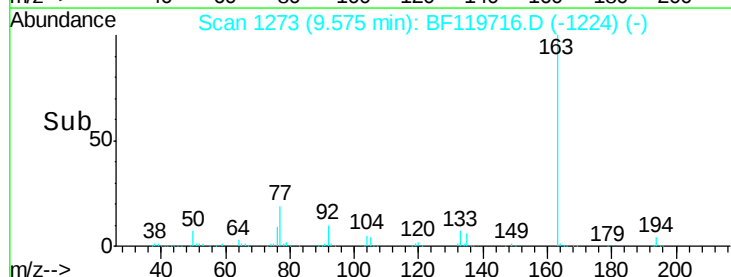
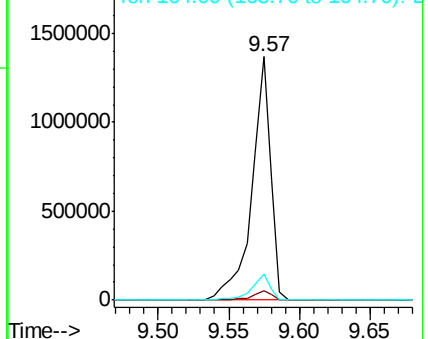
163 100

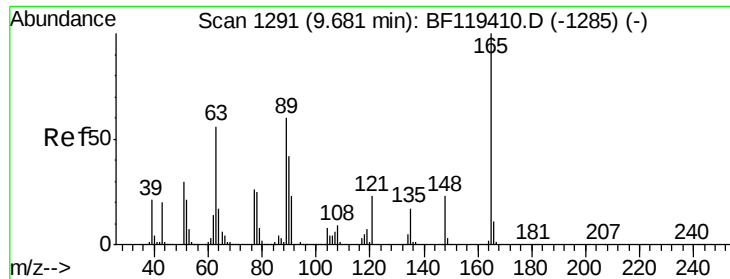
194 4.0 3.1 4.7

164 10.6 8.2 12.2



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





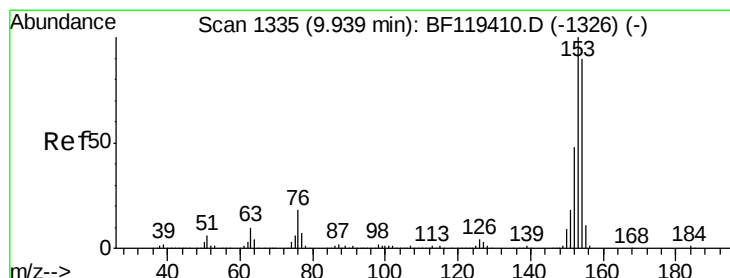
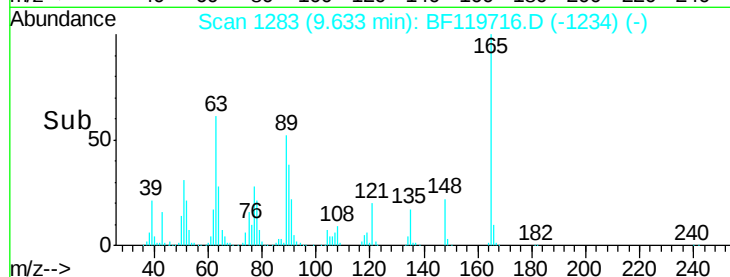
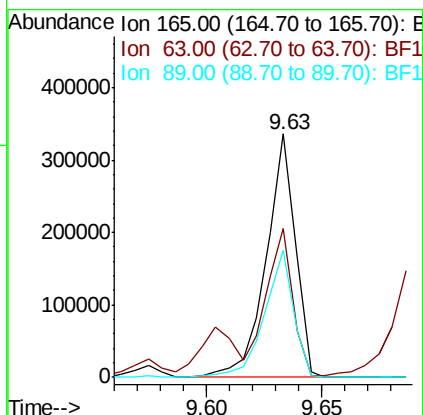
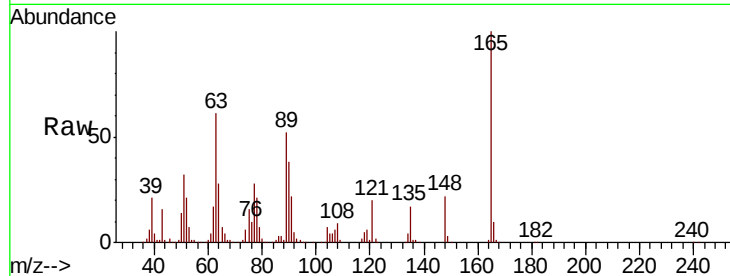
#51
2,6-Dinitrotoluene
Concen: 43.446 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	294950		
63	61.1	45.0	67.4	
89	52.5	41.5	62.3	

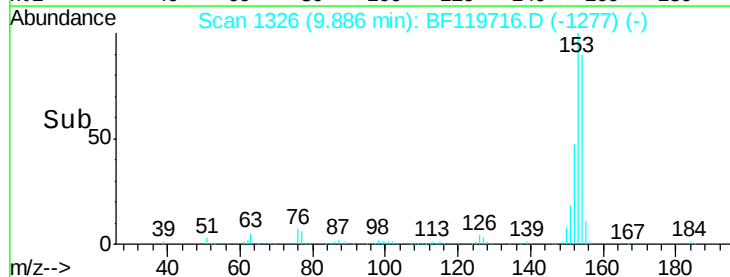
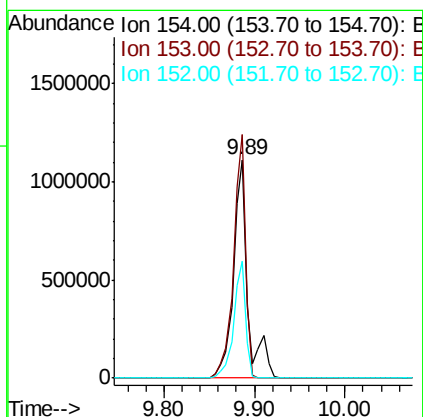
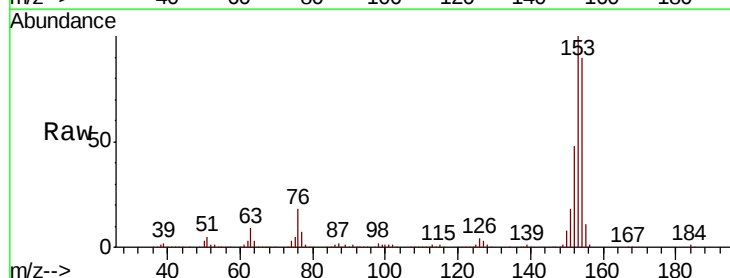
Manual Integrations
APPROVED

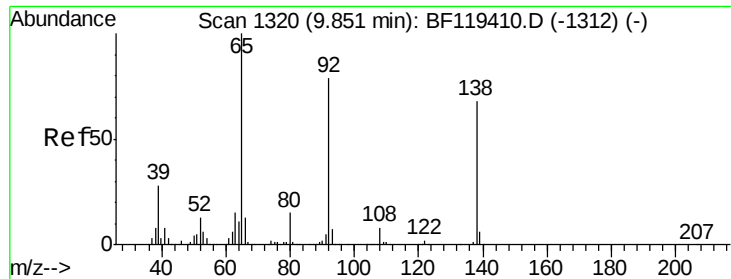
mohammad
4/6/2020 1:38:44 PM



#52
Acenaphthene
Concen: 44.197 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1230853		
153	111.5	88.1	132.1	
152	53.4	43.0	64.4	





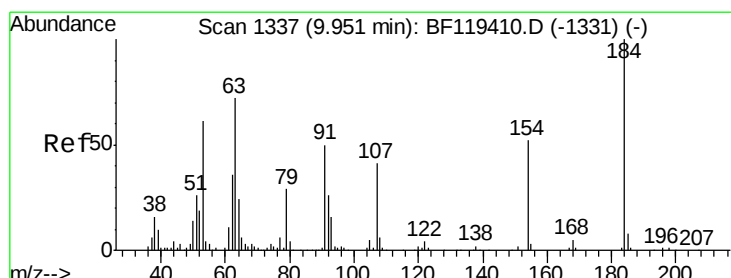
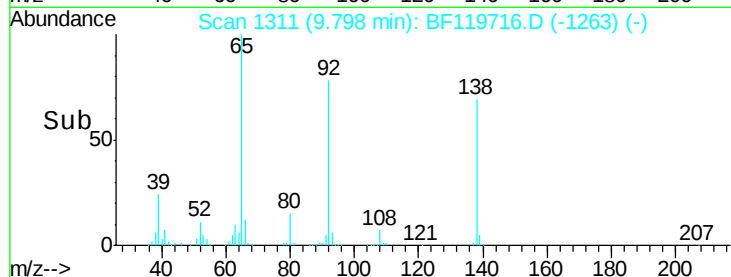
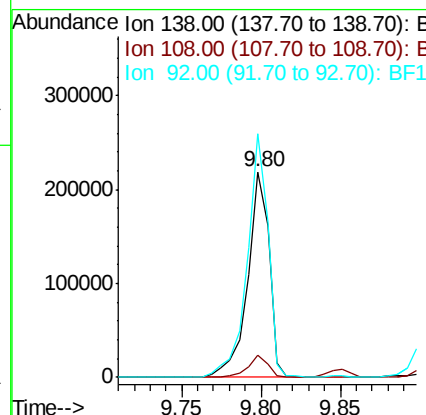
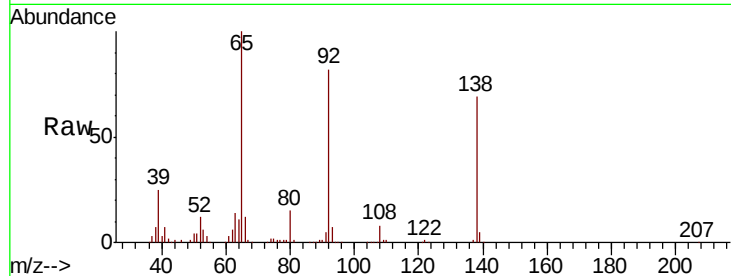
#53
3-Nitroaniline
Concen: 23.992 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	205634		
108	11.1	8.6	13.0	
92	118.3	95.4	143.0	

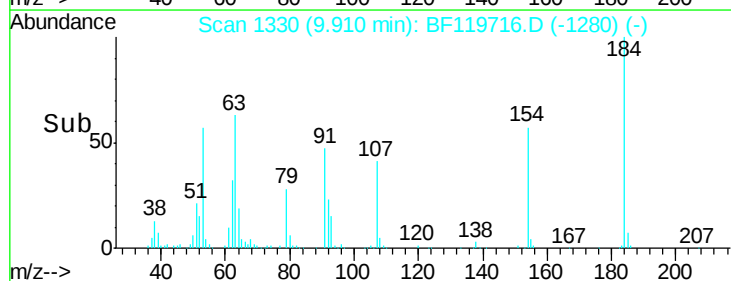
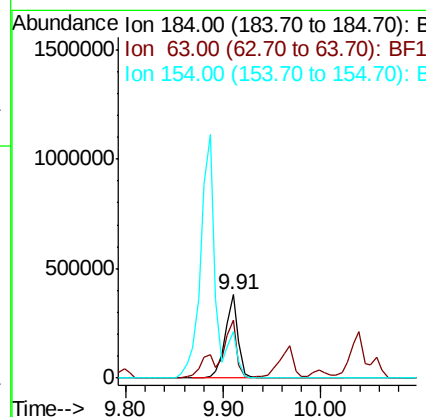
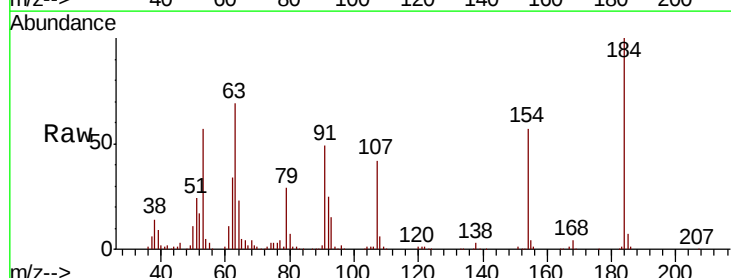
Manual Integrations
APPROVED

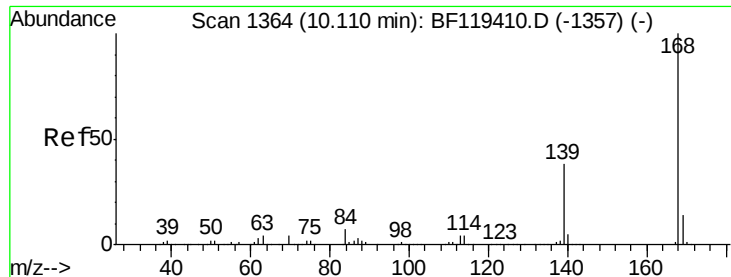
mohammad
4/6/2020 1:38:44 PM



#54
2,4-Dinitrophenol
Concen: 115.836 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	350801		
63	69.2	50.2	75.4	
154	56.6	44.5	66.7	





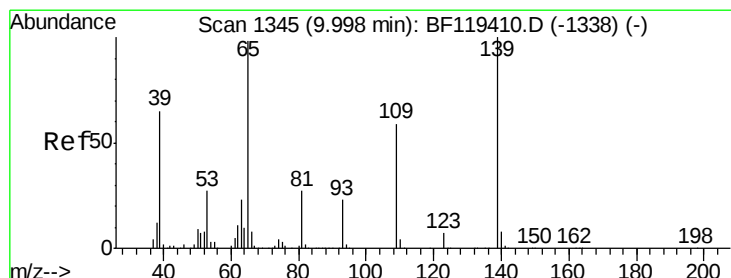
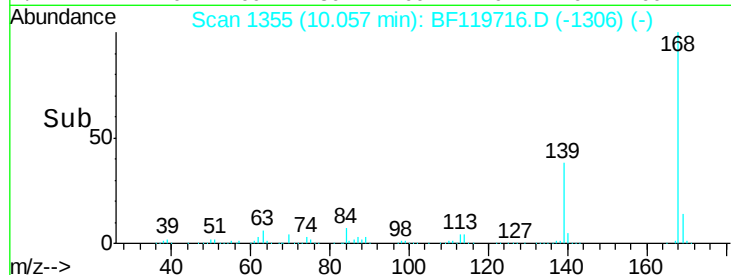
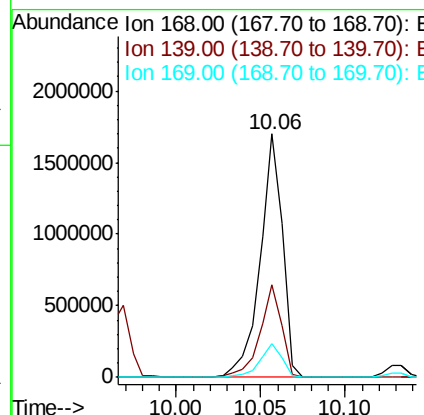
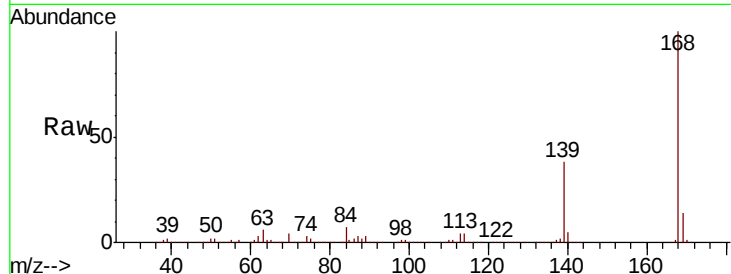
#55
Dibenzenofuran
Concen: 39.223 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:168 Resp: 1566124
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.9 11.0 16.6

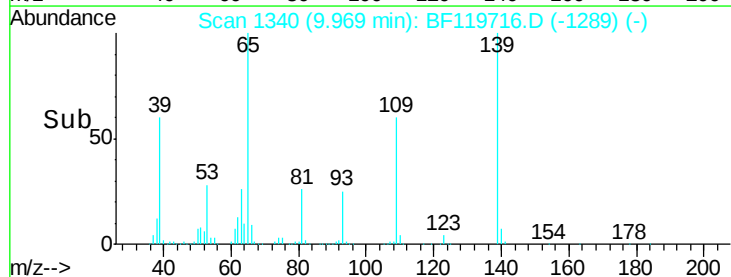
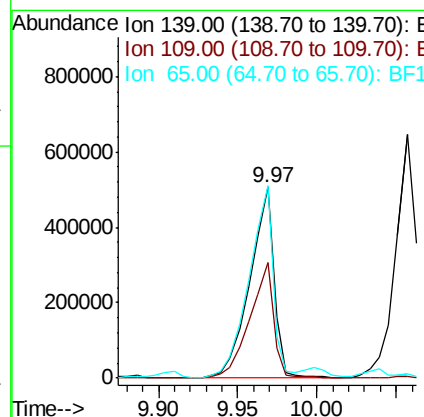
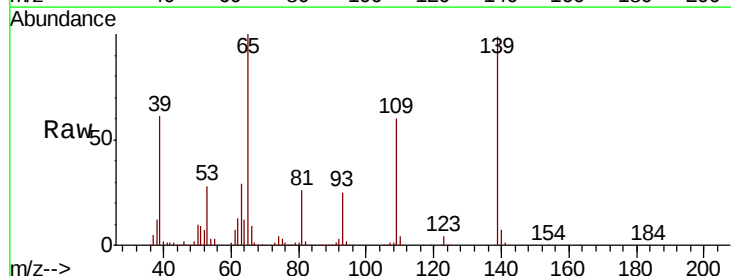
Manual Integrations
APPROVED

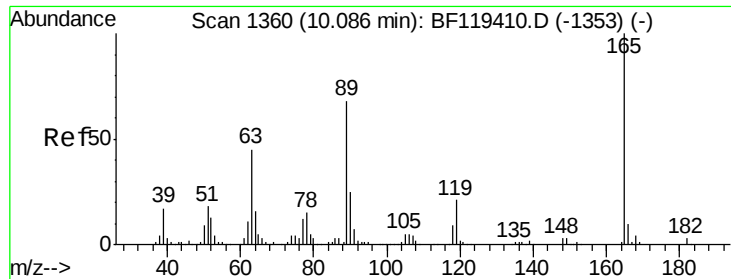
mohammad
4/6/2020 1:38:44 PM



#56
4-Nitrophenol
Concen: 79.993 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:139 Resp: 540850
Ion Ratio Lower Upper
139 100
109 60.7 43.3 83.3
65 100.6 91.0 131.0





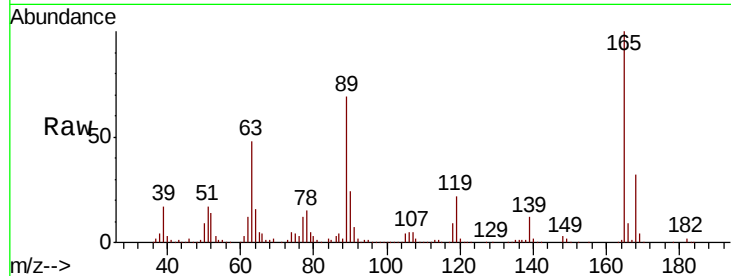
#57
2,4-Dinitrotoluene
Concen: 46.840 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

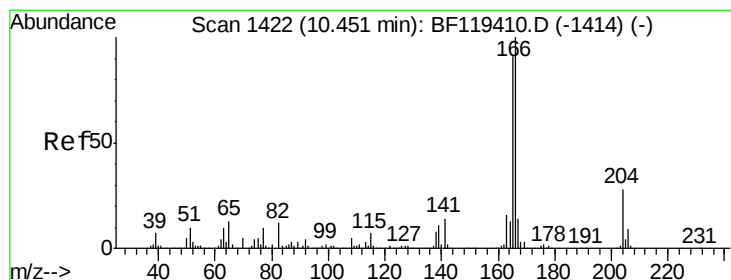
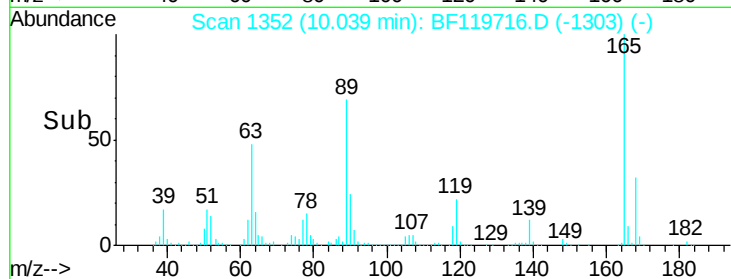
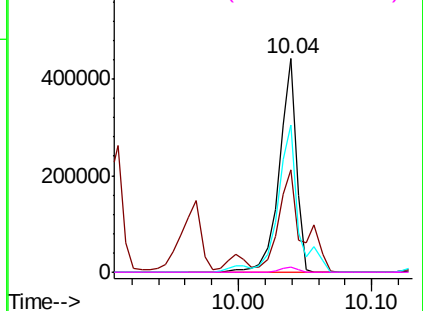
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	42.6	64.0
89	68.7	61.0	91.4
182	2.3	2.2	3.2

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM

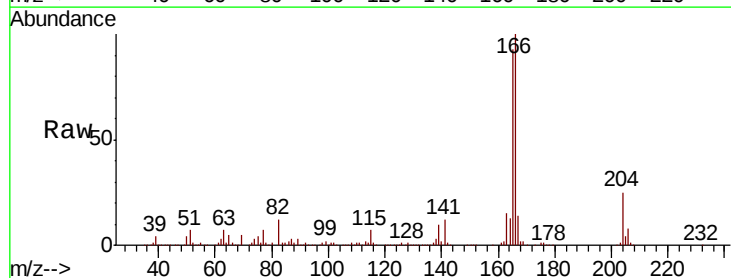


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

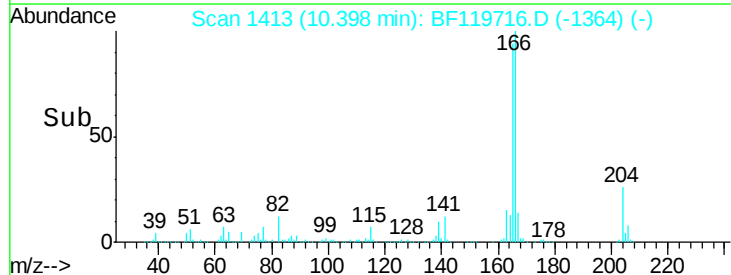
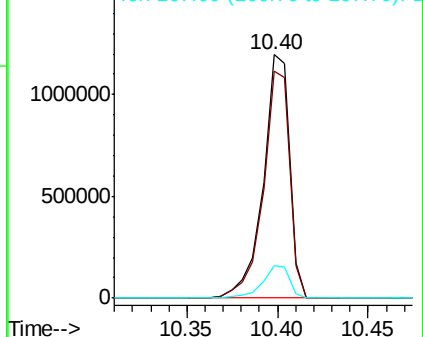


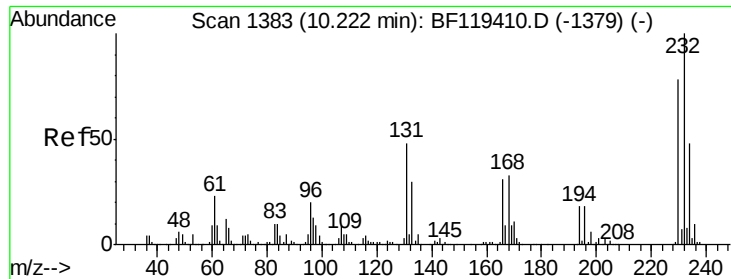
#58
Fluorene
Concen: 41.059 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.4	113.2
167	13.6	11.2	16.8



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





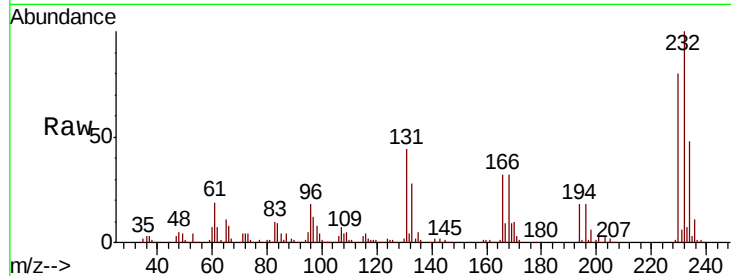
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.351 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	339516		
131	45.3		37.5	56.3
130	2.2		1.8	2.6
166	31.3		24.6	36.8

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:44 PM



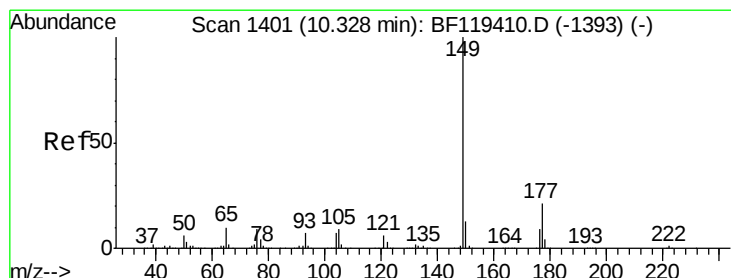
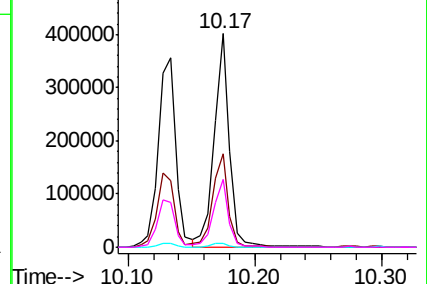
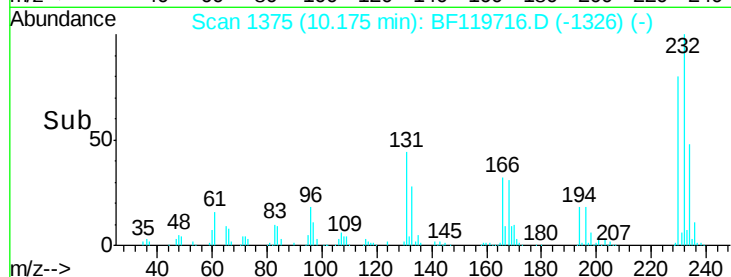
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

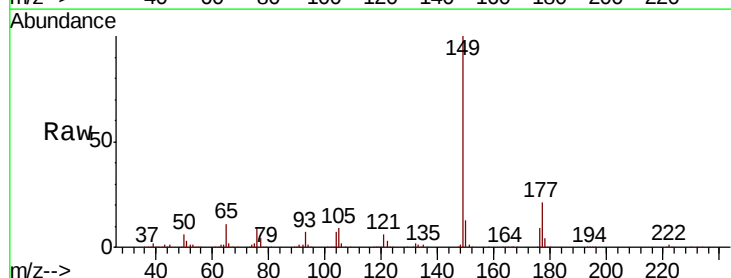
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.770 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1310577		
177	21.3		17.0	25.6
150	12.7		10.1	15.1

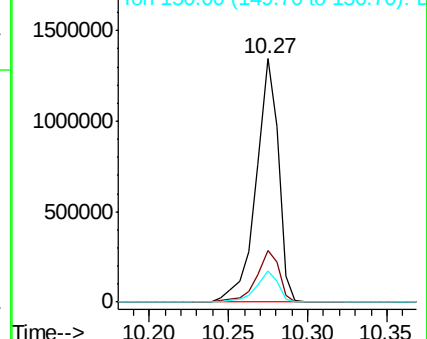
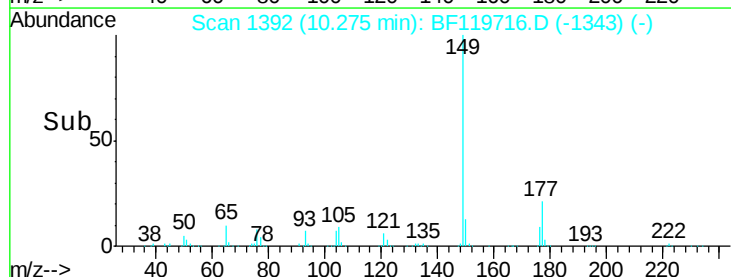


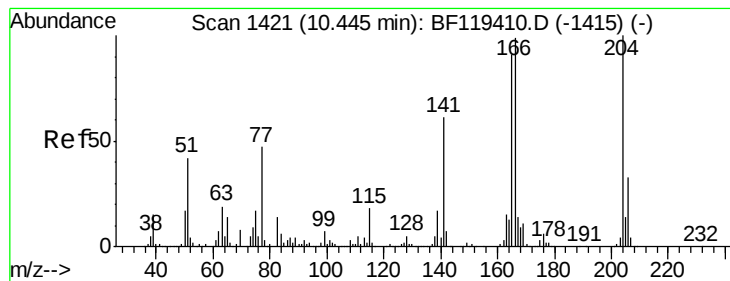
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





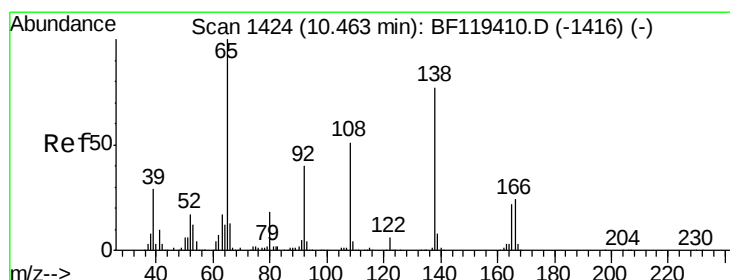
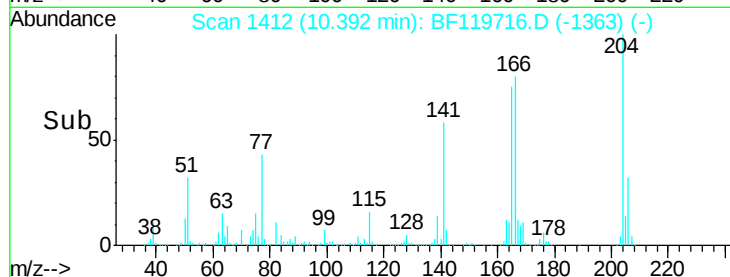
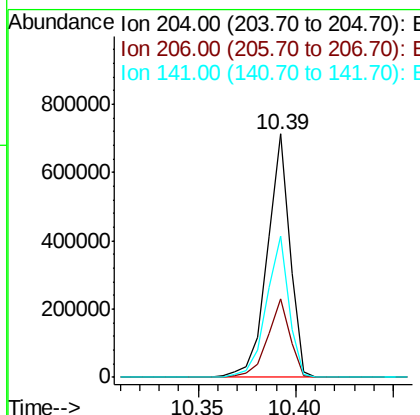
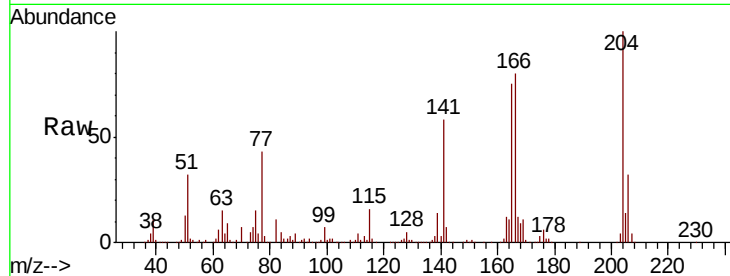
#61
 4-Chlorophenyl-phenylether
 Concen: 39.548 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	58.0	47.3	70.9

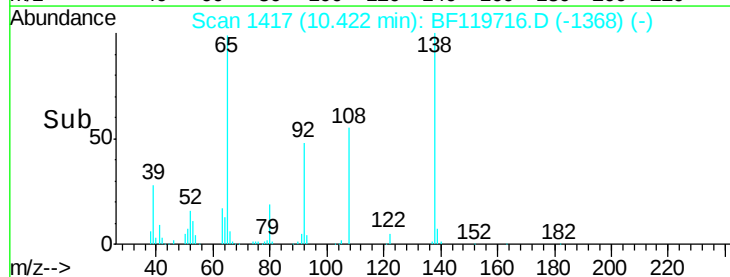
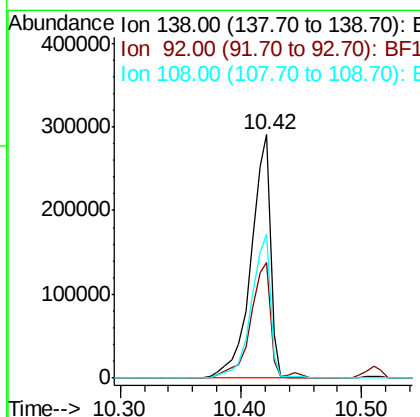
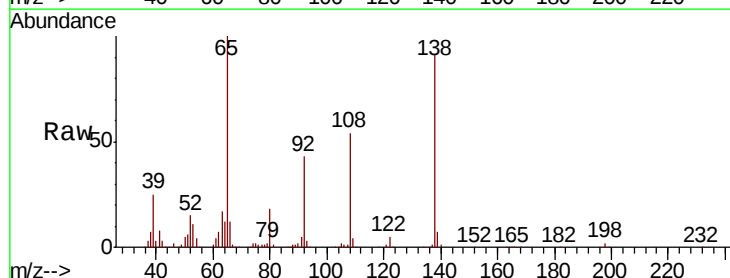
Manual Integrations
 APPROVED

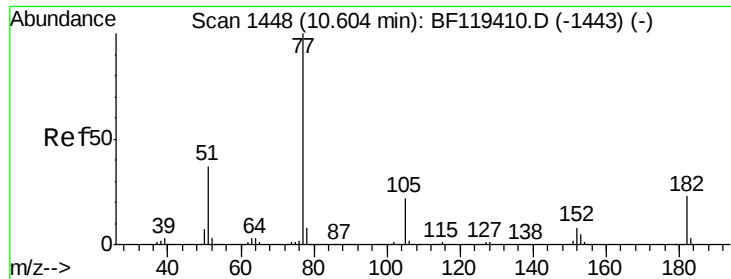
mohammad
 4/6/2020 1:38:44 PM



#62
 4-Nitroaniline
 Concen: 39.896 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	31.5	71.5
108	59.2	45.8	85.8





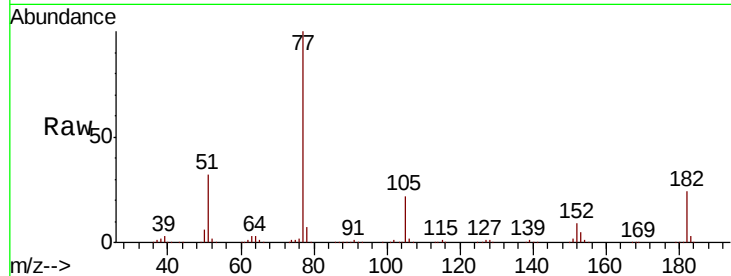
#63
Azobenzene
Concen: 38.789 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

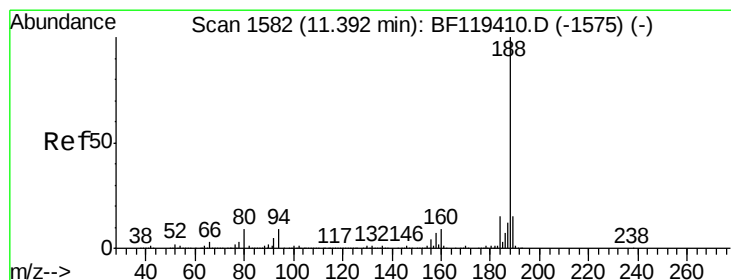
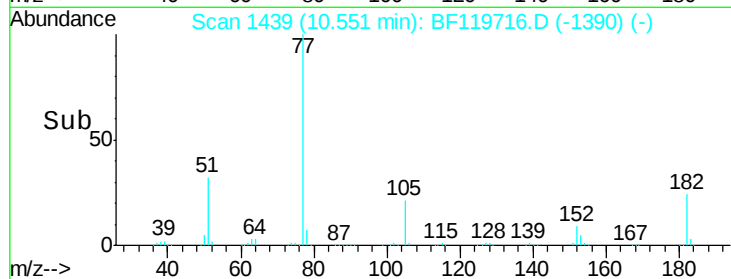
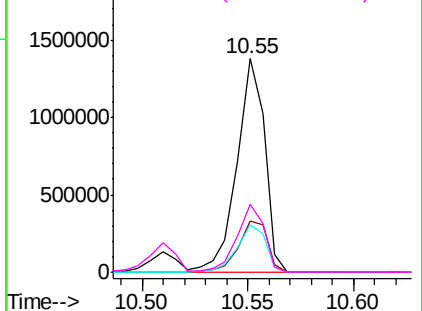
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.9	4.4	44.4	
105	22.4	2.6	42.6	
51	31.9	15.1	55.1	

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



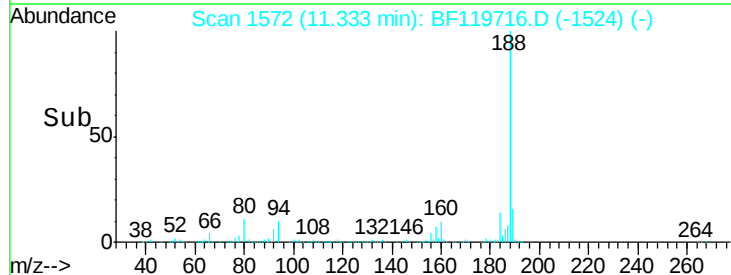
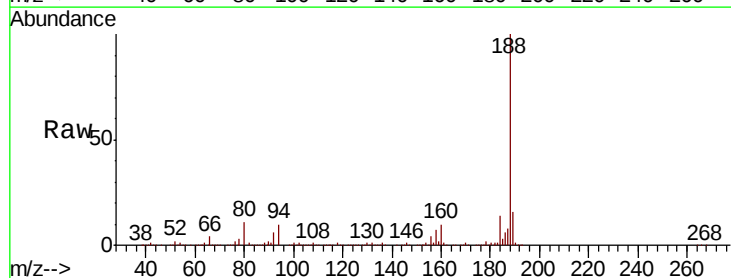
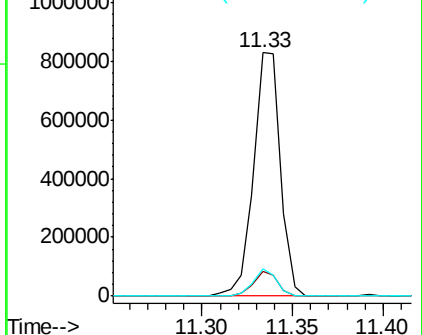
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	7.5	11.3	
80	11.0	9.0	13.4	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





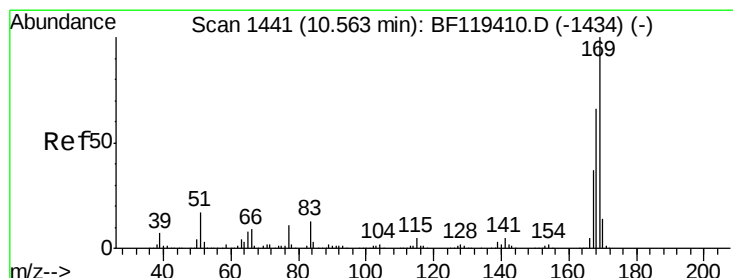
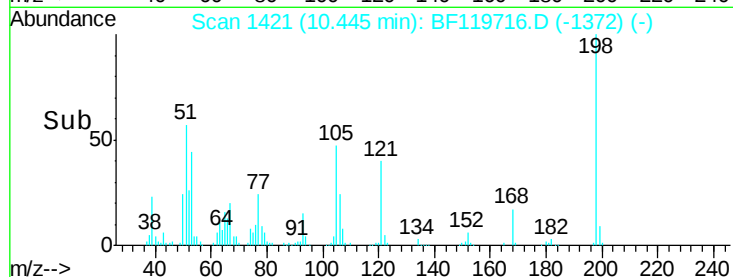
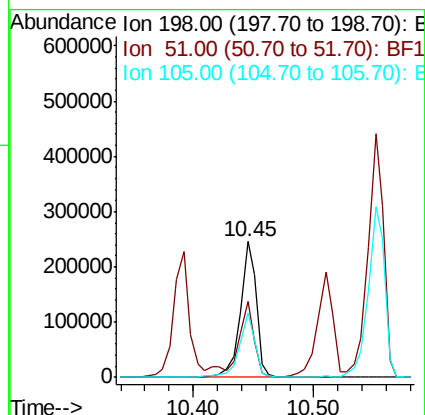
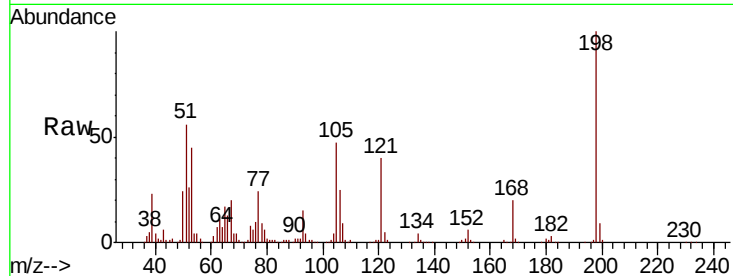
#65
4,6-Dinitro-2-methylphenol
Concen: 63.420 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	227138		
51	56.5	29.0	69.0	
105	47.3	22.2	62.2	

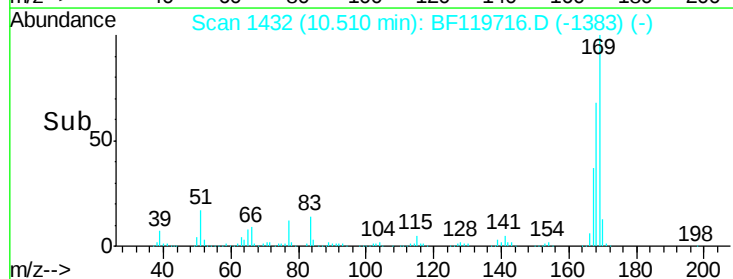
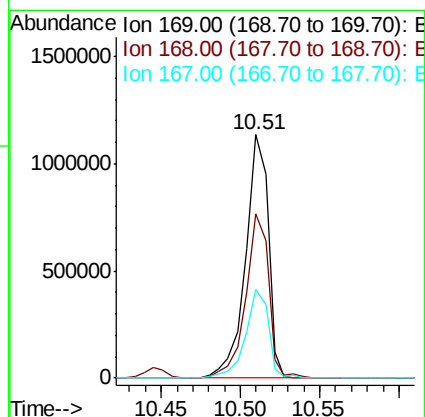
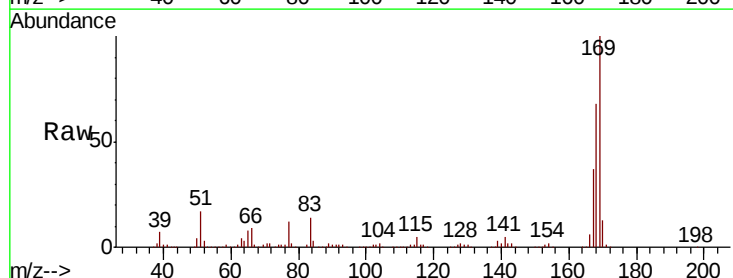
Manual Integrations
APPROVED

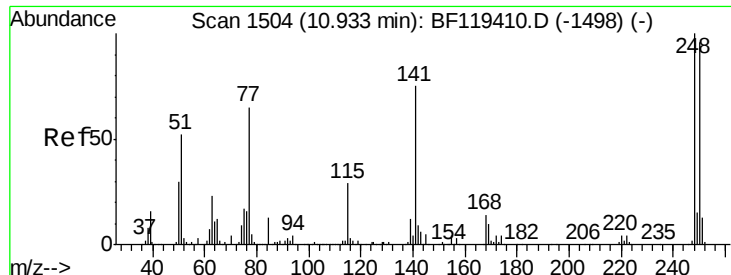
mohammad
4/6/2020 1:38:44 PM



#66
n-Nitrosodiphenylamine
Concen: 40.206 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1127331		
168	67.7	53.2	79.8	
167	36.5	29.1	43.7	





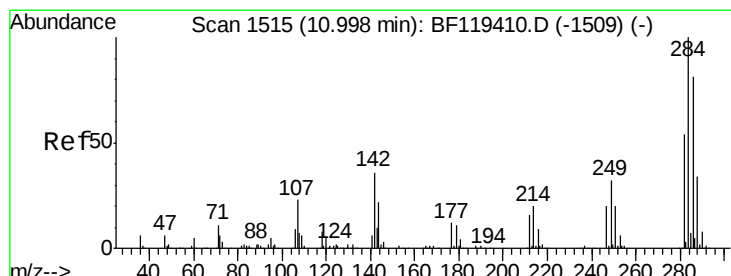
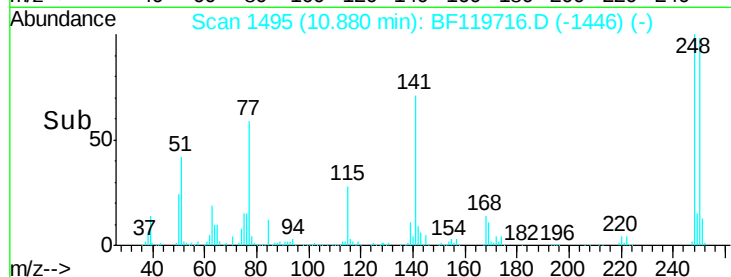
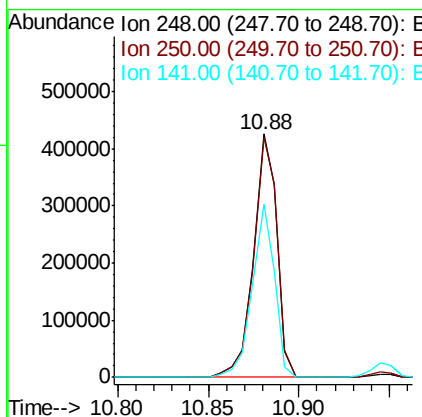
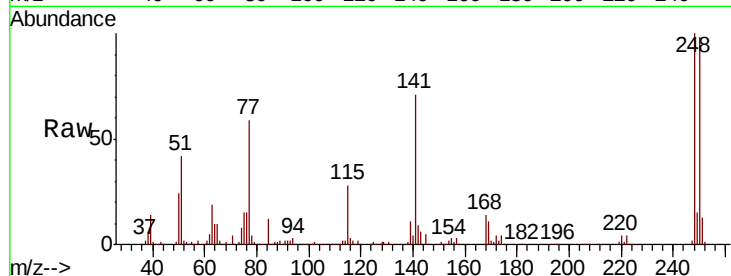
#67
 4-Bromophenyl-phenylether
 Concen: 39.063 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.3	115.9
141	71.2	58.6	87.8

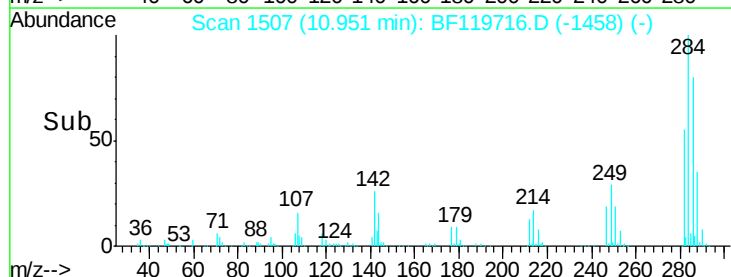
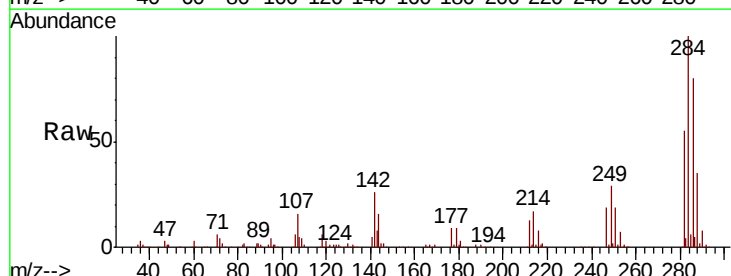
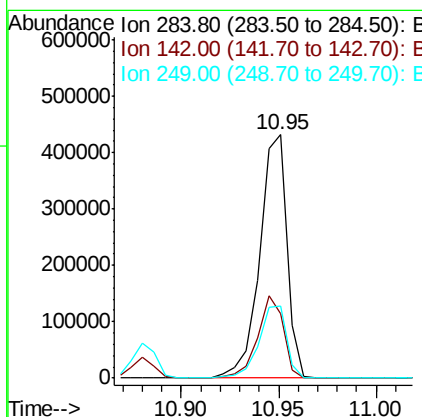
Manual Integrations
 APPROVED

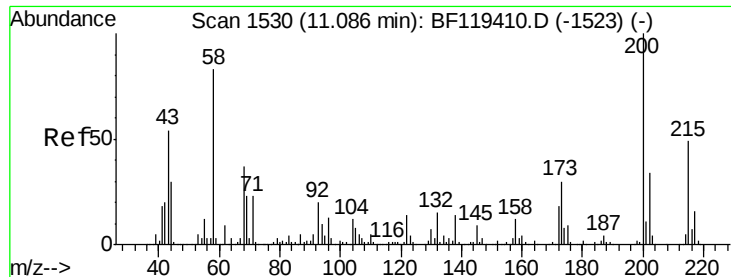
mohammad
 4/6/2020 1:38:44 PM



#68
 Hexachlorobenzene
 Concen: 42.030 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	29.2	43.8#
249	29.4	25.1	37.7





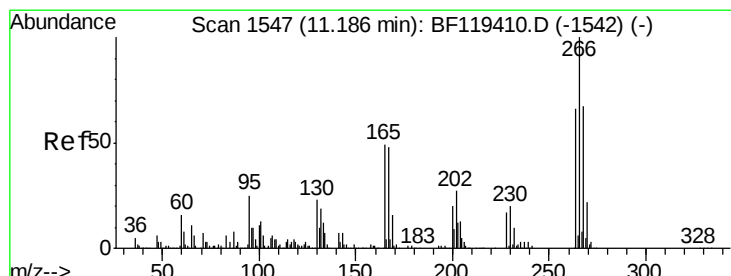
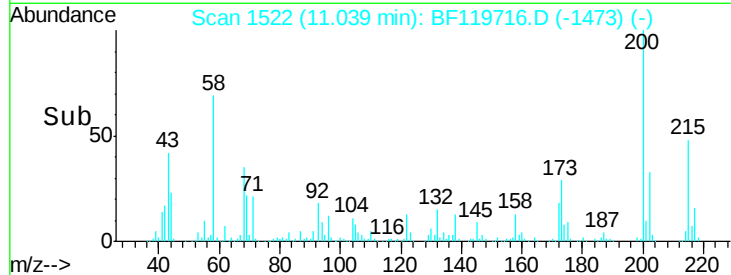
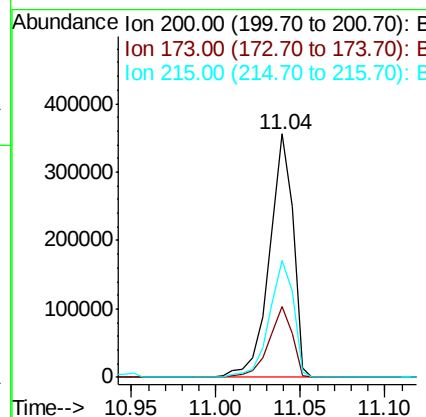
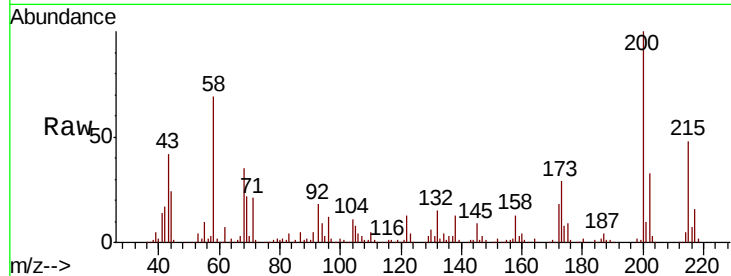
#69
Atrazine
Concen: 44.846 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	344724		
173	29.3	9.3	49.3	
215	48.0	29.5	69.5	

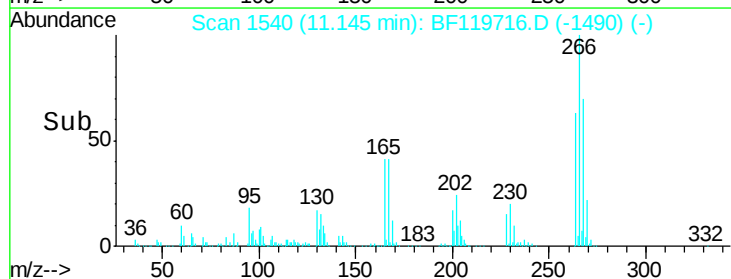
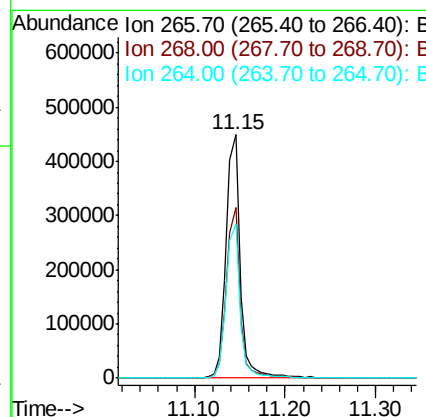
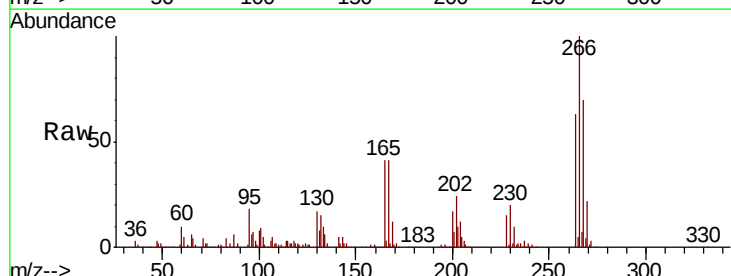
Manual Integrations
APPROVED

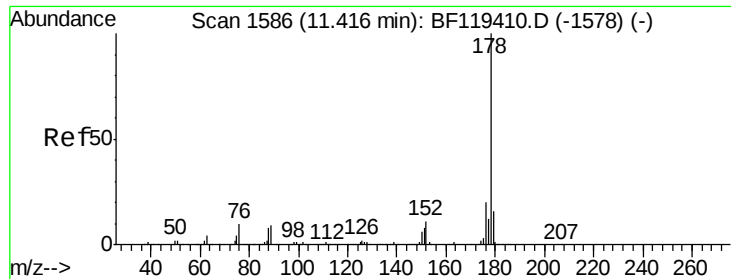
mohammad
4/6/2020 1:38:44 PM



#70
Pentachlorophenol
Concen: 82.636 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	482387		
268	70.0	53.3	79.9	
264	63.5	49.0	73.4	





#71

Phenanthrene

Concen: 40.162 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion:178 Resp: 1778702

Ion Ratio Lower Upper

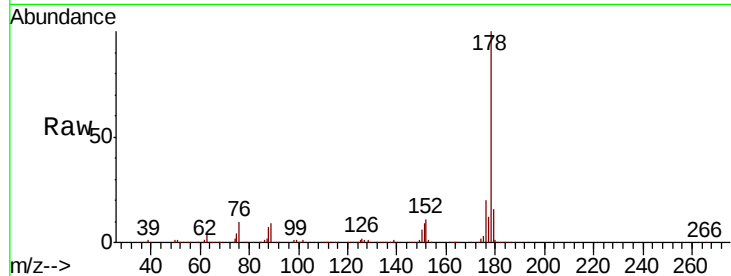
178 100

176 20.1 16.2 24.4

179 16.3 13.2 19.8

Manual Integrations
APPROVED

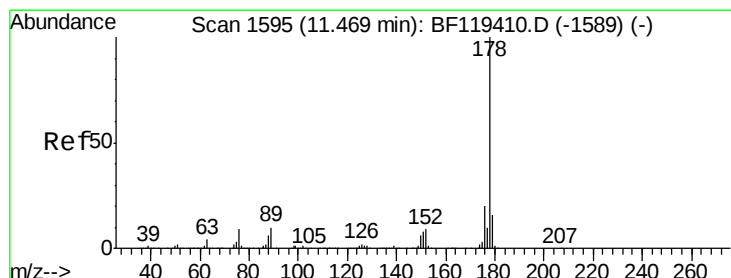
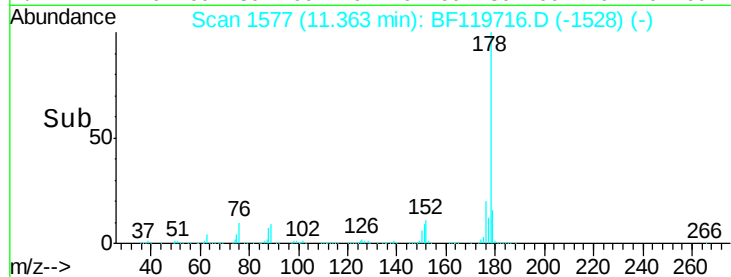
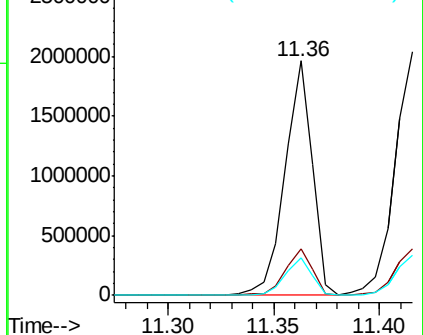
mohammad
4/6/2020 1:38:44 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.085 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Tgt Ion:178 Resp: 1849287

Ion Ratio Lower Upper

178 100

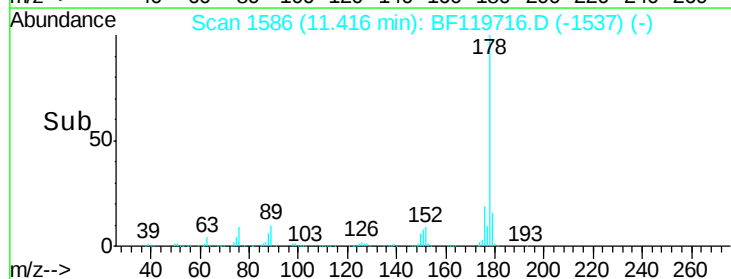
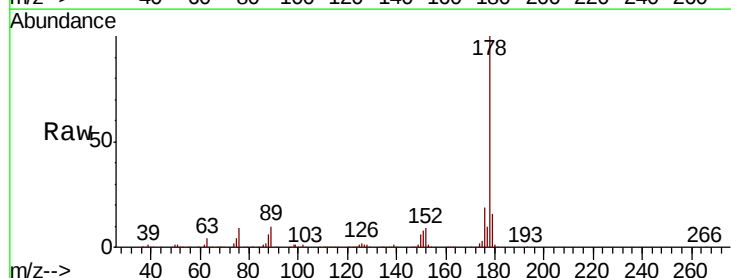
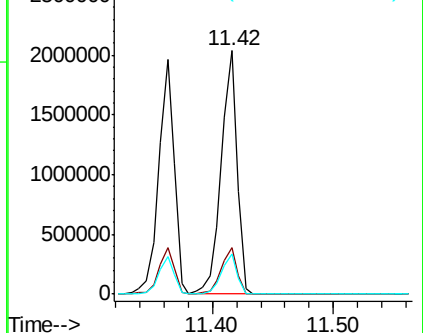
176 19.2 16.1 24.1

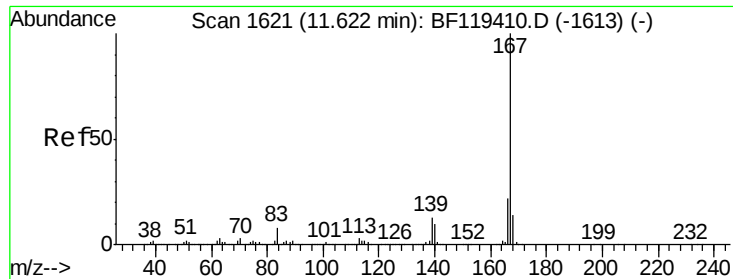
179 16.3 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





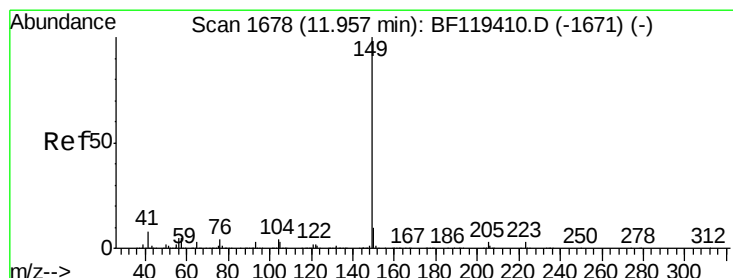
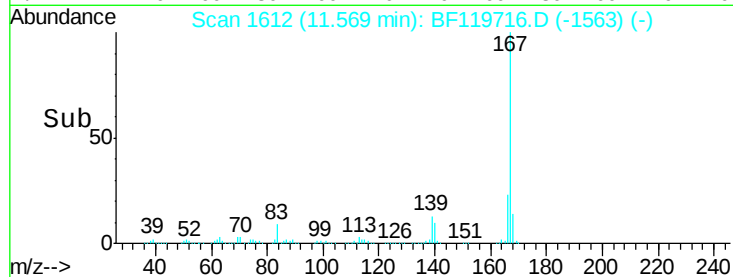
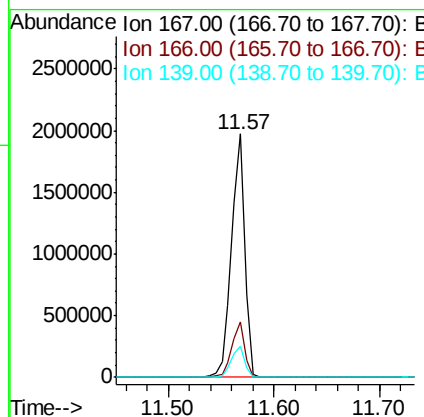
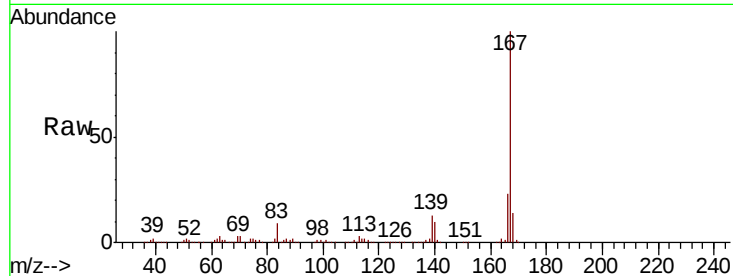
#73
 Carbazole
 Concen: 38.617 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion:167 Resp: 1720504
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.0 10.7 16.1

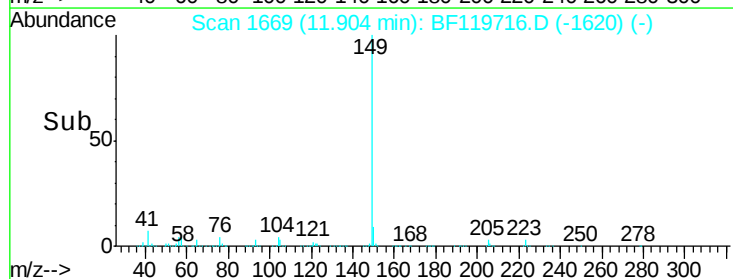
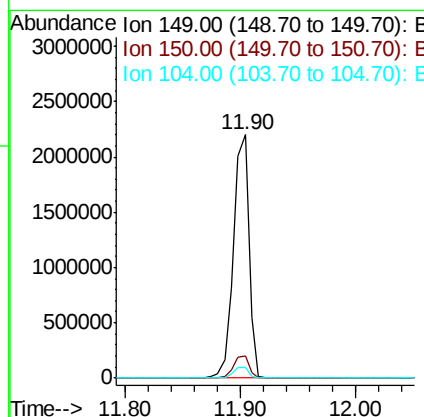
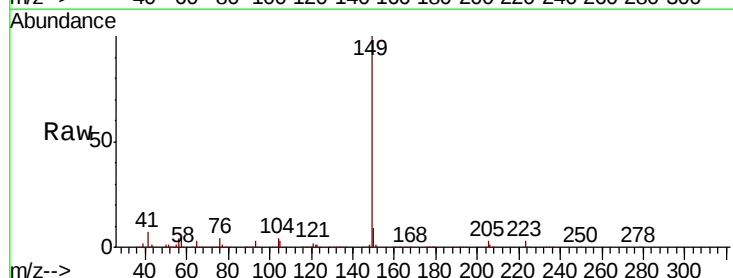
Manual Integrations
 APPROVED

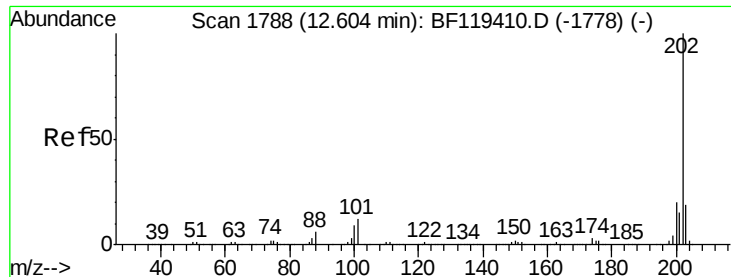
mohammad
 4/6/2020 1:38:44 PM



#74
 Di-n-butylphthalate
 Concen: 43.041 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion:149 Resp: 2051298
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.2 3.6 5.4





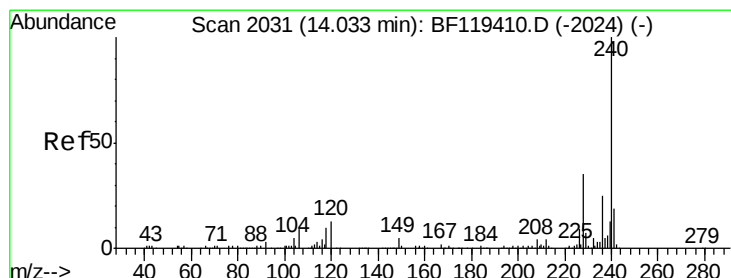
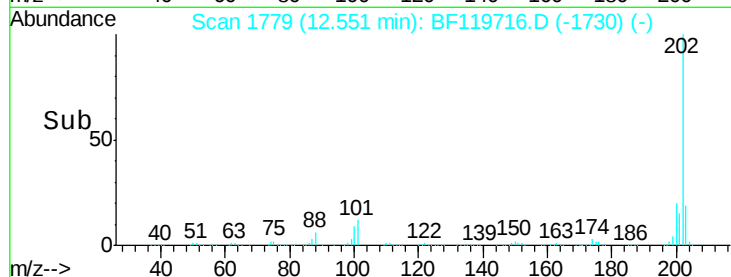
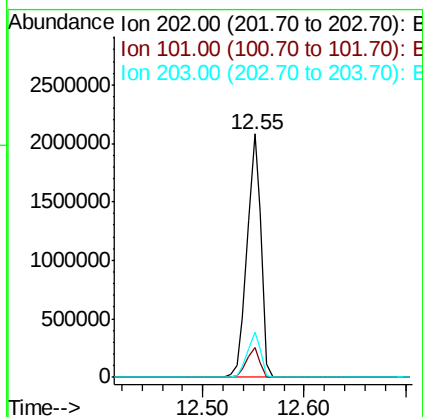
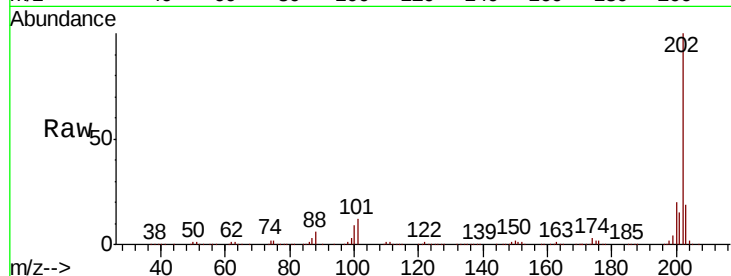
#75
 Fluoranthene
 Concen: 41.383 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127964BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1983492		
101	12.2	0.0	32.2	
203	18.6	0.0	38.8	

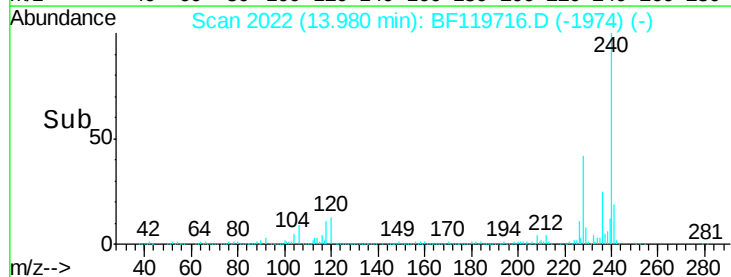
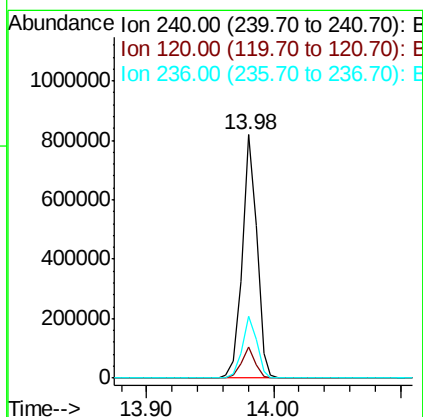
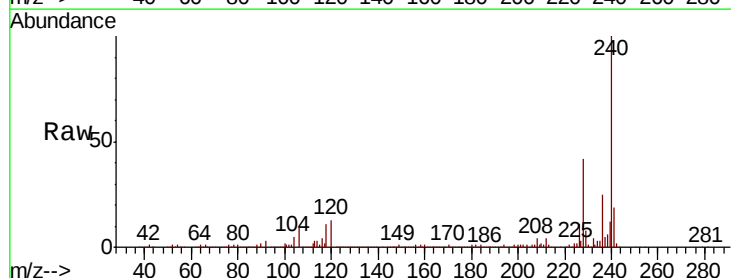
Manual Integrations
 APPROVED

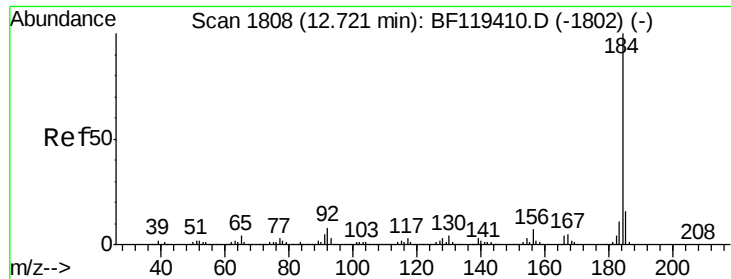
mohammad
 4/6/2020 1:38:44 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	645738		
120	12.7	10.6	15.8	
236	25.4	20.2	30.2	





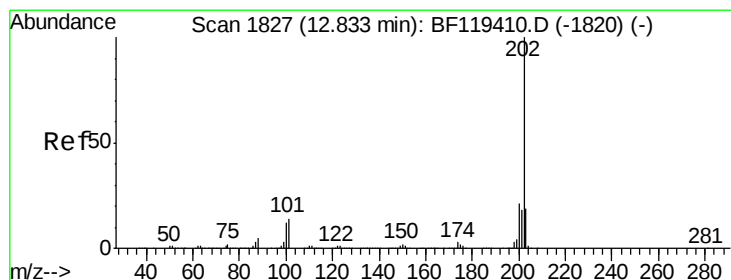
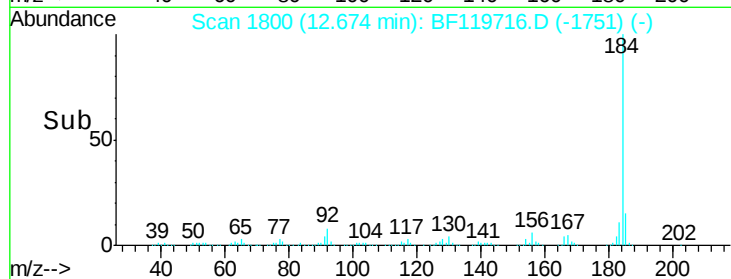
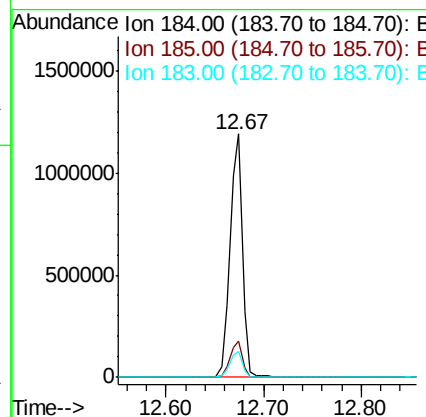
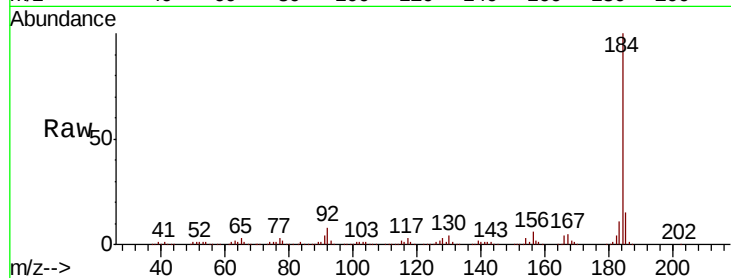
#77
Benzidine
Concen: 38.534 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.3	18.5
183	10.7	9.0	13.6

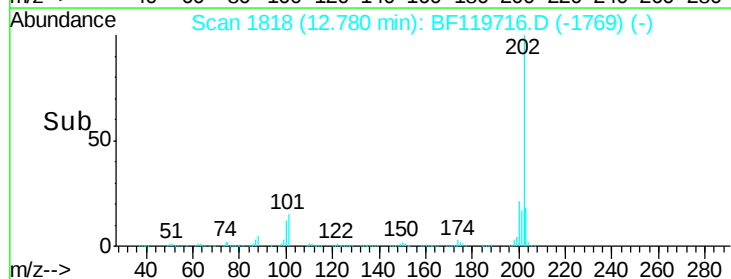
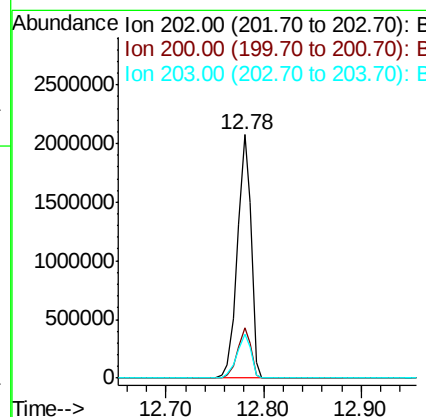
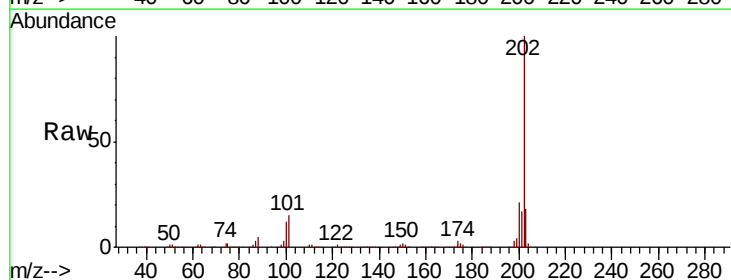
Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#78
Pyrene
Concen: 37.926 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	18.3	15.1	22.7





#79

Terphenyl-d14

Concen: 79.712 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

PB127964BS

Tot Ion:244 Resp: 2627231

Ion Ratio Lower Upper

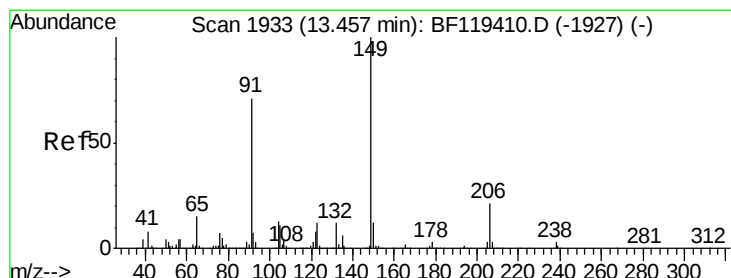
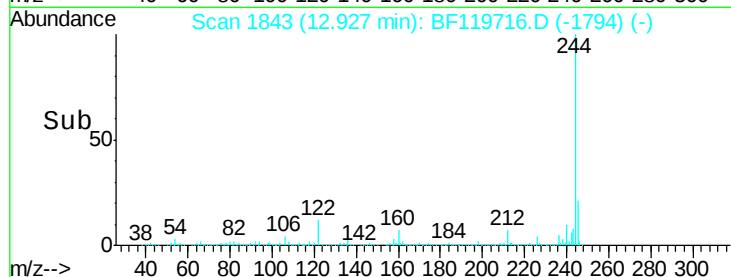
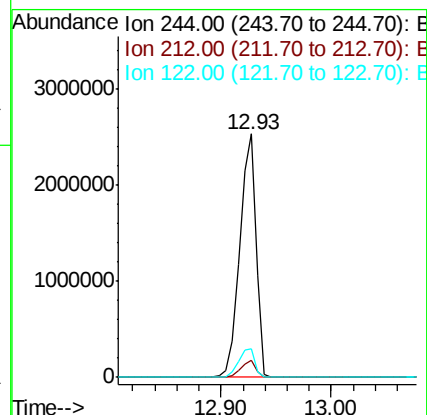
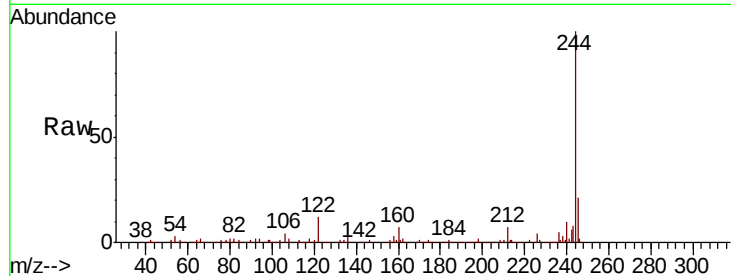
244 100

212 6.8 5.8 8.8

122 11.9 10.3 15.5

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#80

Butylbenzylphthalate

Concen: 40.986 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

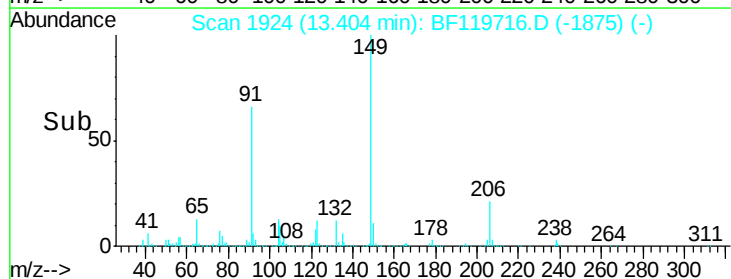
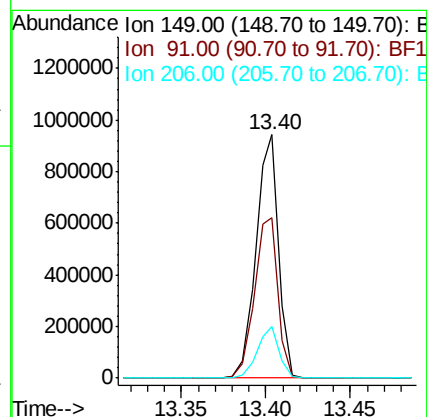
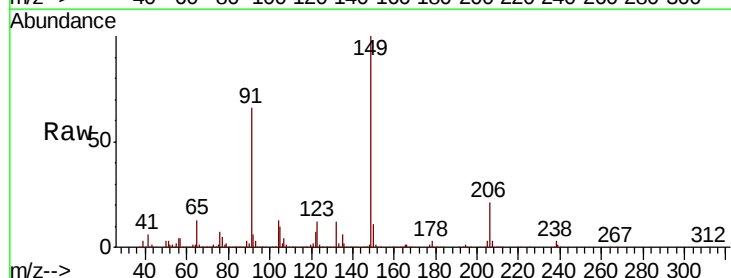
Tgt Ion:149 Resp: 878500

Ion Ratio Lower Upper

149 100

91 66.0 54.7 82.1

206 21.4 16.2 24.2





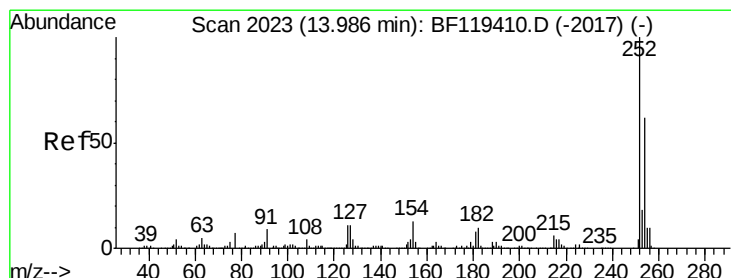
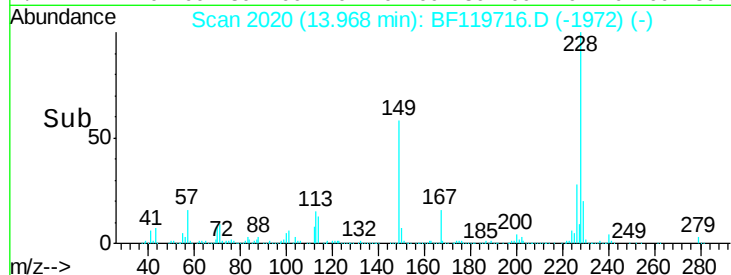
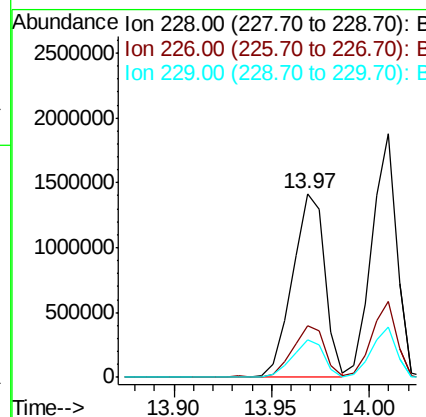
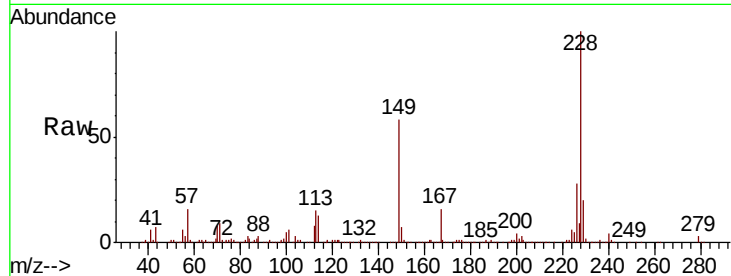
#81
Benzo(a)anthracene
Concen: 38.500 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.2	16.2	24.4

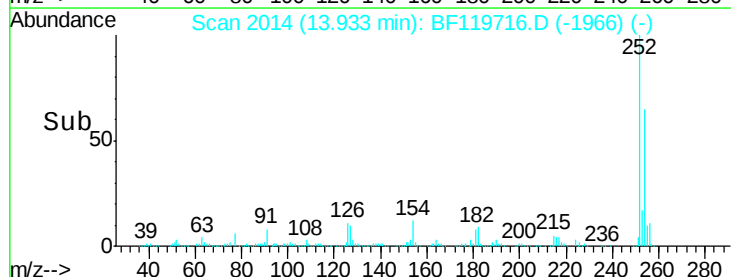
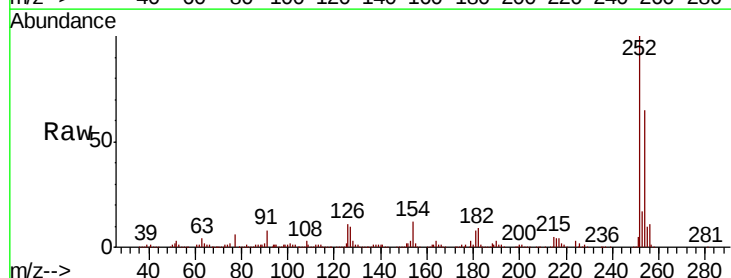
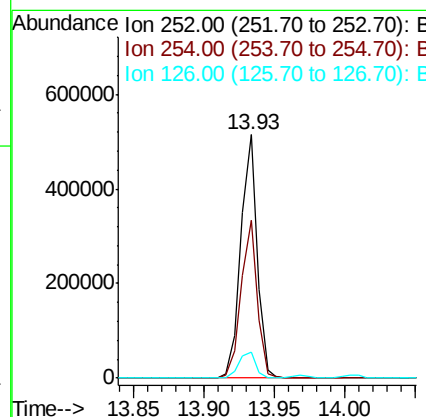
Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#82
3,3'-Dichlorobenzidine
Concen: 25.094 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	10.7	9.6	14.4





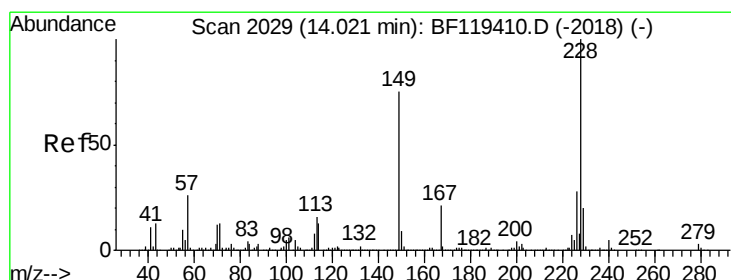
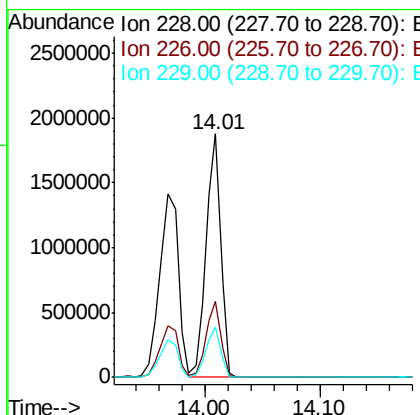
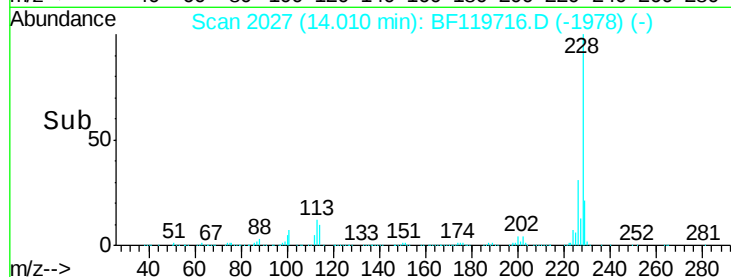
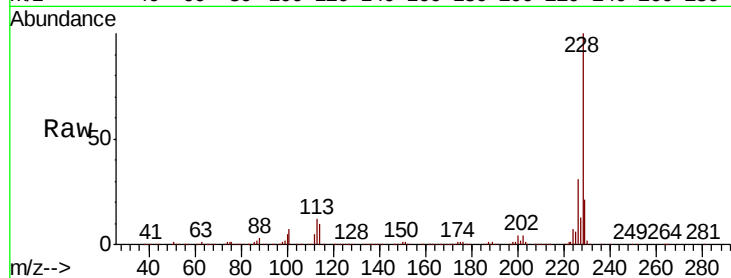
#83
 Chrysene
 Concen: 38.446 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleID :
 PB127964BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.5	16.6	24.8

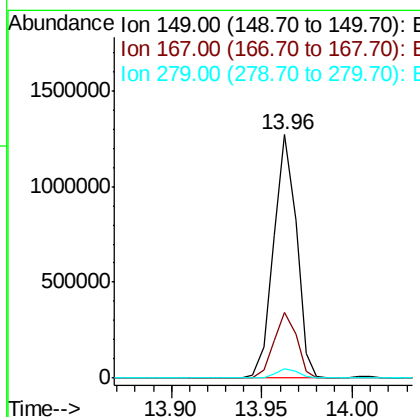
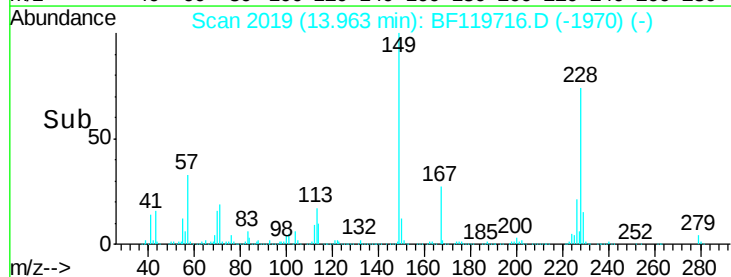
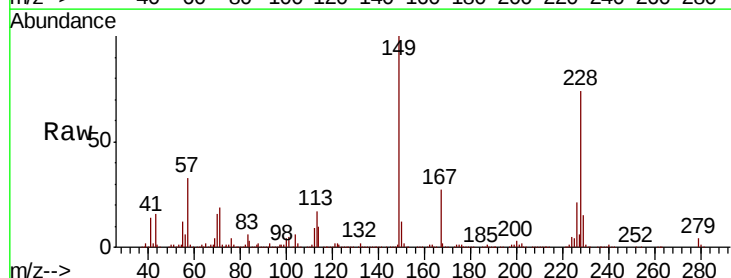
Manual Integrations
 APPROVED

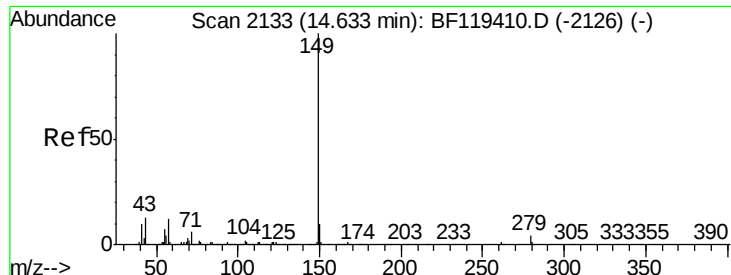
mohammad
 4/6/2020 1:38:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.662 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119716.D
 Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.7	2.7	4.1





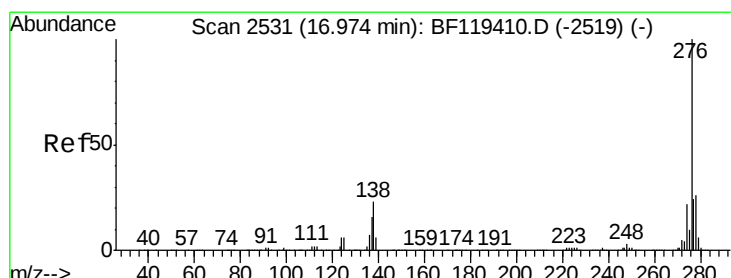
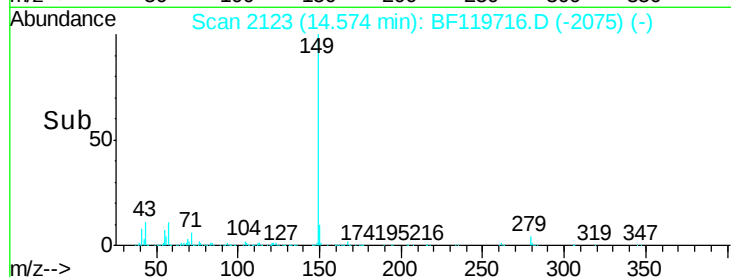
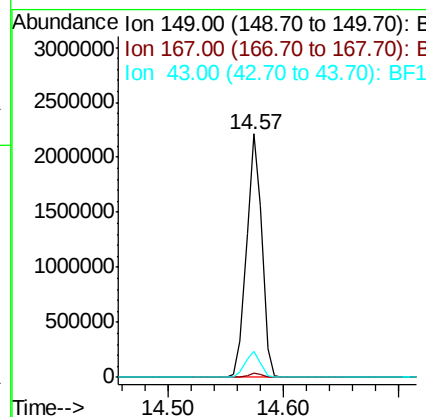
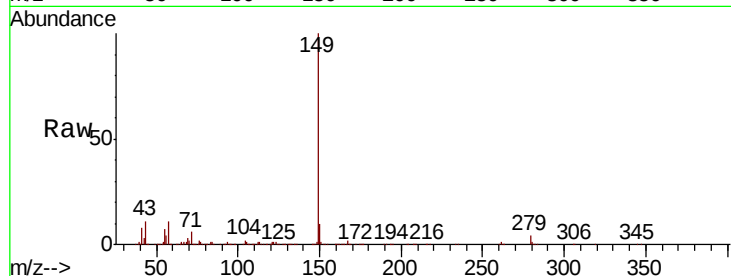
#85
Di-n-octyl phthalate
Concen: 45.175 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	9.3	13.9

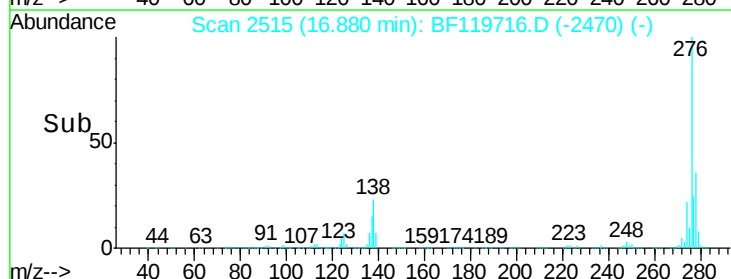
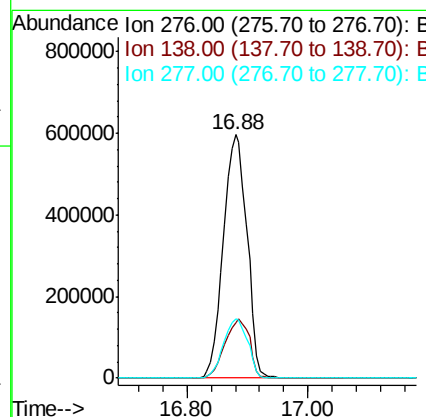
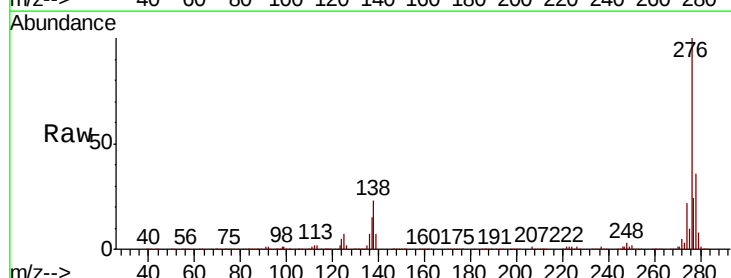
Manual Integrations
APPROVED

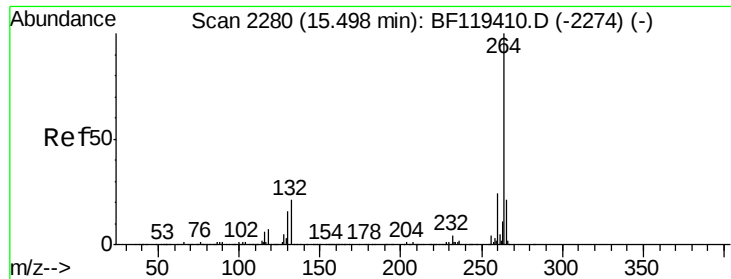
mohammad
4/6/2020 1:38:44 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.741 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.04 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	25.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119716.D

Acq: 3 Apr 2020 13:53

Instrument :

BNA_F

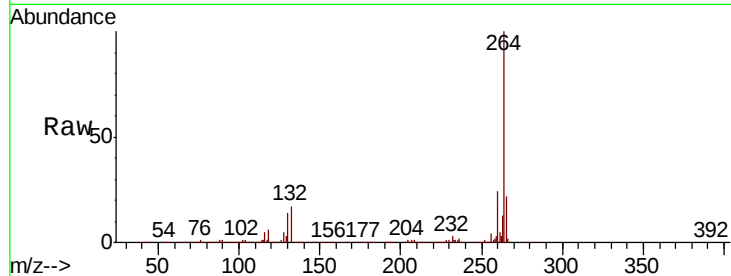
ClientSampleId :

PB127964BS

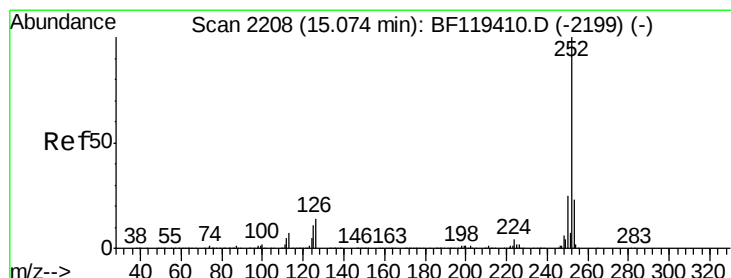
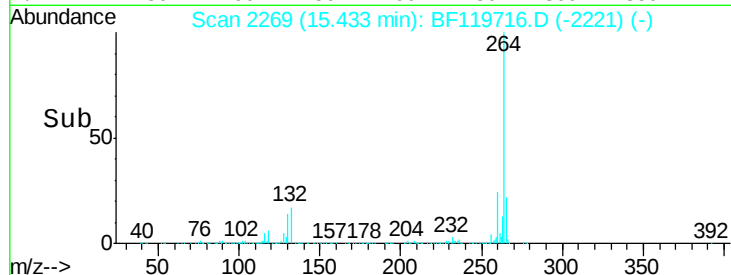
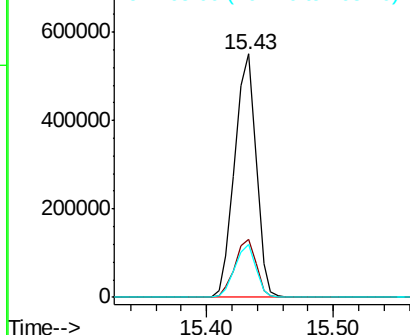
Tot Ion:	264	Resp:	644690
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.7	17.7	26.5

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.372 ng

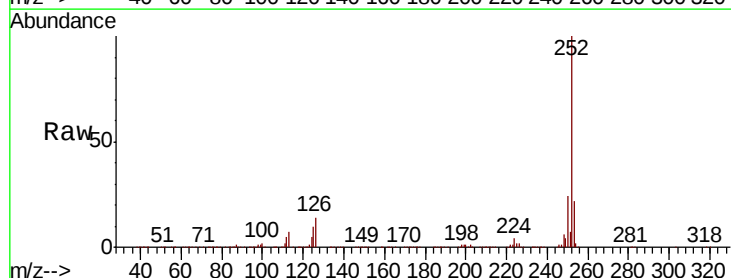
RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

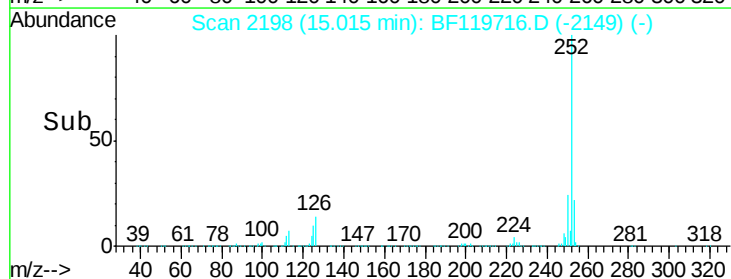
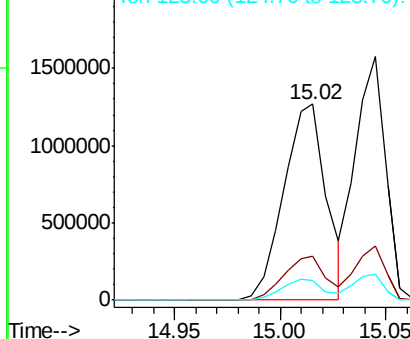
Lab File: BF119716.D

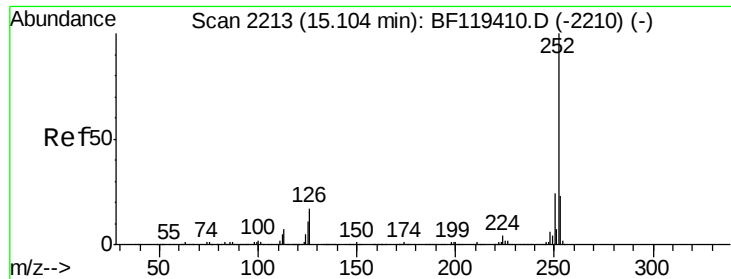
Acq: 3 Apr 2020 13:53

Tgt Ion:	252	Resp:	1781703
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	9.7	7.9	11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





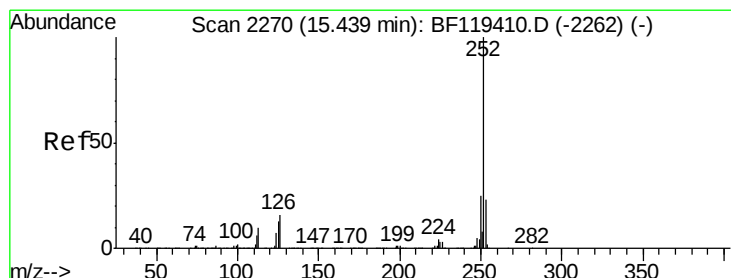
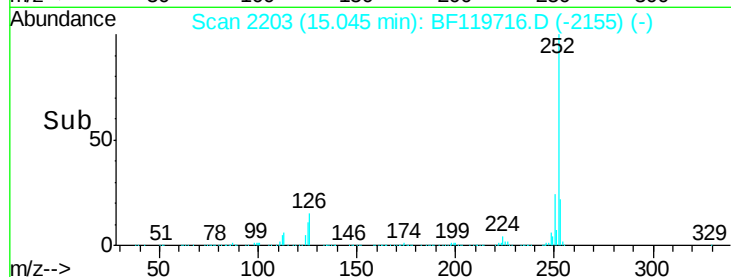
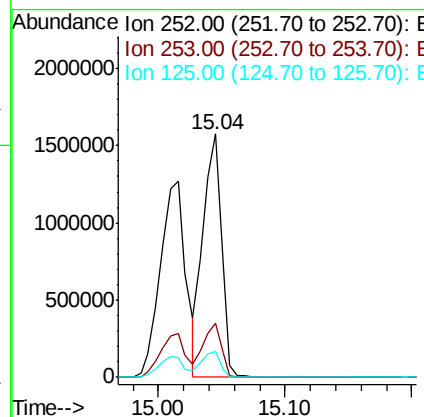
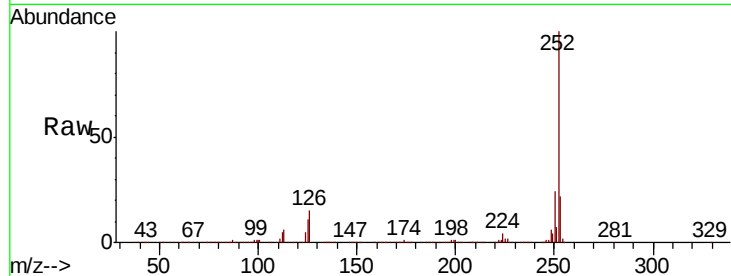
#89
Benzo(k)fluoranthene
Concen: 38.610 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion:252 Resp: 1583279
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.6 8.4 12.6

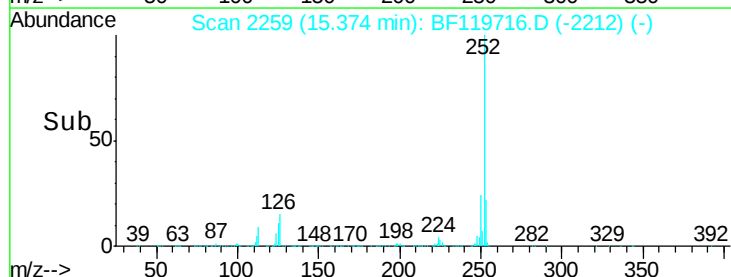
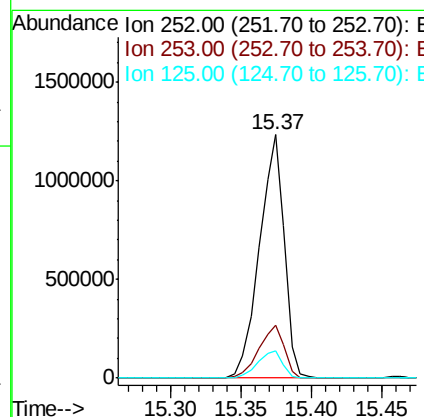
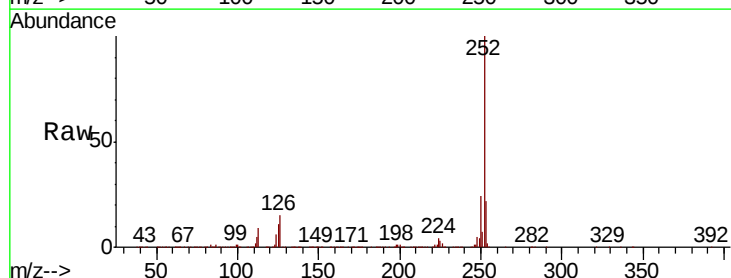
Manual Integrations
APPROVED

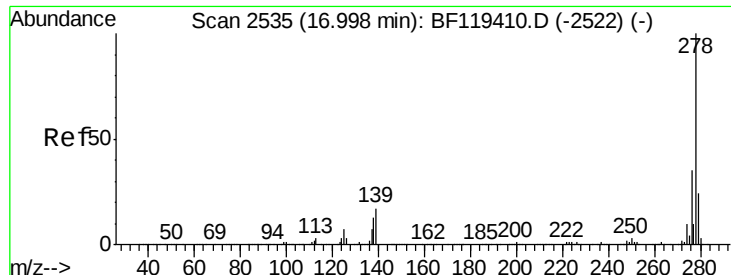
mohammad
4/6/2020 1:38:44 PM



#90
Benzo(a)pyrene
Concen: 39.060 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion:252 Resp: 1528708
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.2 9.4 14.2





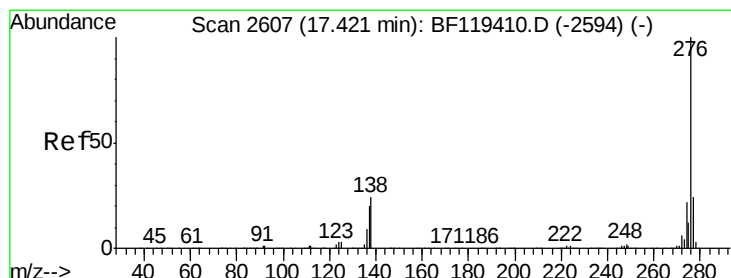
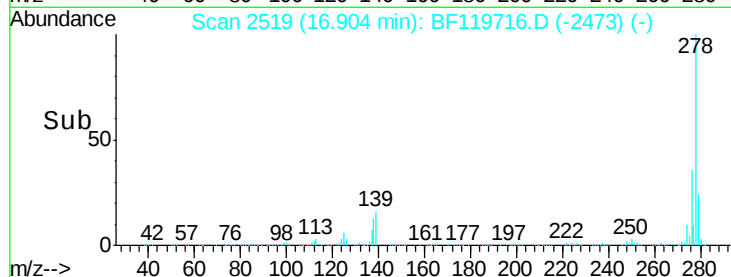
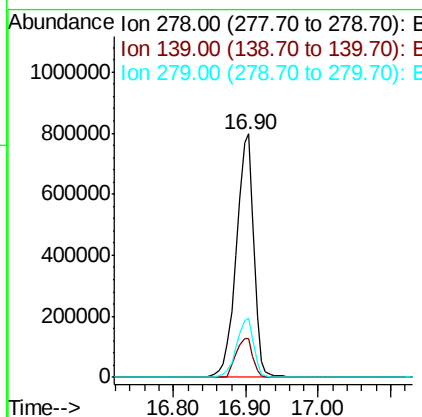
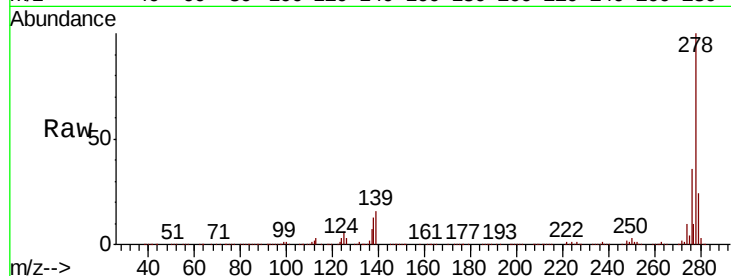
#91
Dibenzo(a,h)anthracene
Concen: 39.167 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
PB127964BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:44 PM



#92
Benzo(g,h,i)perylene
Concen: 38.249 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.04 min
Lab File: BF119716.D
Acq: 3 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	21.6	15.4	23.0

