

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119556.D
 Acq On : 27 Mar 2020 9:09
 Operator : CG/JU
 Sample : L2037-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:02 AM

Quant Time: Mar 27 10:34:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	298418	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1177640	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	640700	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1218050	20.00	ng	0.00
76) Chrysene-d12	14.02	240	817853	20.00	ng	0.00
87) Perylene-d12	15.47	264	743040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2245275	119.77	ng	0.02
7) Phenol-d6	6.47	99	2966408	123.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	1874075	86.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	900948	136.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3516720	81.32	ng	0.00
79) Terphenyl-d14	12.96	244	3903182	93.50	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	324483	35.047	ng	98
3) Pyridine	3.39	79	907517	35.580	ng	96
4) n-Nitrosodimethylamine	3.34	42	521287	41.909	ng	99
6) Aniline	6.50	93	1189111	35.979	ng	98
8) 2-Chlorophenol	6.62	128	1009566	51.277	ng	98
9) Benzaldehyde	6.38	77	615815	40.538	ng	96
10) Phenol	6.48	94	1283792	50.243	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	967289	47.333	ng	98
12) 1,3-Dichlorobenzene	6.77	146	987781	46.355	ng	95
13) 1,4-Dichlorobenzene	6.85	146	1008593	47.320	ng	97
14) 1,2-Dichlorobenzene	7.01	146	944619	47.415	ng	98
15) Benzyl Alcohol	6.98	79	866000	48.076	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1810181	43.914	ng	99
17) 2-Methylphenol	7.09	107	828556	45.931	ng	99
18) Hexachloroethane	7.35	117	386039	49.422	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	718087	49.750	ng	100
20) 3+4-Methylphenols	7.25	107	992959	44.914	ng	# 84
22) Acetophenone	7.25	105	1323093	47.019	ng	97
24) Nitrobenzene	7.42	77	1053191	45.481	ng	100
25) Isophorone	7.66	82	2029390	46.169	ng	99
26) 2-Nitrophenol	7.74	139	549990	60.321	ng	89
27) 2,4-Dimethylphenol	7.77	122	891827	47.303	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1261438	48.531	ng	100
29) 2,4-Dichlorophenol	7.98	162	847567	48.927	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	905755	47.279	ng	99
31) Naphthalene	8.15	128	2834837	46.777	ng	100
32) Benzoic acid	7.92	122	722645	59.587	ng	96
33) 4-Chloroaniline	8.19	127	519495	18.708	ng	99
34) Hexachlorobutadiene	8.26	225	524434	48.926	ng	98
35) Caprolactam	8.58	113	304002m	53.621	ng	
36) 4-Chloro-3-methylphenol	8.67	107	946515	49.992	ng	97
37) 2-Methylnaphthalene	8.84	142	1984436	49.894	ng	98
38) 1-Methylnaphthalene	8.94	142	1858896	49.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	845156	45.004	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119556.D
 Acq On : 27 Mar 2020 9:09
 Operator : CG/JU
 Sample : L2037-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

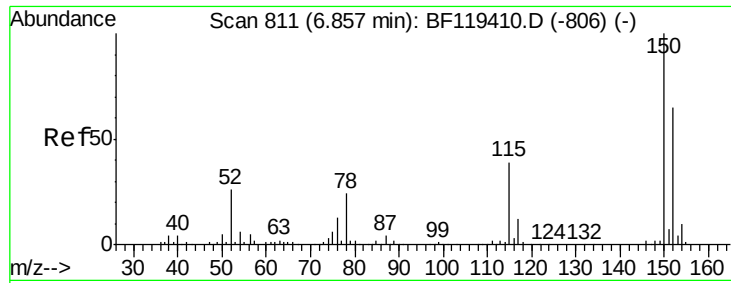
Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:02 AM

Quant Time: Mar 27 10:34:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1011848	94.775	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	674799	50.212	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	665836	44.228	nq	95
46) 1,1'-Biphenyl	9.30	154	2342444	44.890	nq	99
47) 2-Chloronaphthalene	9.33	162	1843106	45.092	nq	99
48) 2-Nitroaniline	9.42	65	679642	48.173	nq	99
49) Acenaphthylene	9.75	152	2874884	44.789	nq	99
50) Dimethylphthalate	9.61	163	2344831	51.524	nq	99
51) 2,6-Dinitrotoluene	9.67	165	498097	51.063	nq	95
52) Acenaphthene	9.92	154	2014431	50.341	nq	100
53) 3-Nitroaniline	9.83	138	329537	26.759	nq	96
54) 2,4-Dinitrophenol	9.94	184	478914	110.421	nq	# 84
55) Dibenzofuran	10.09	168	2581860	45.002	nq	99
56) 4-Nitrophenol	10.00	139	875837	90.153	nq	92
57) 2,4-Dinitrotoluene	10.07	165	655811	53.369	nq	98
58) Fluorene	10.43	166	1997708	47.087	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	574410	51.044	nq	99
60) Diethylphthalate	10.31	149	2270415	49.155	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	963579	46.444	nq	99
62) 4-Nitroaniline	10.46	138	549761	46.553	nq	99
63) Azobenzene	10.59	77	2140779	46.025	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	334555	65.501	nq	87
66) n-Nitrosodiphenylamine	10.55	169	1872081	46.818	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	647249	46.659	nq	98
68) Hexachlorobenzene	10.98	284	691997	48.740	nq	98
69) Atrazine	11.07	200	581035	53.003	nq	99
70) Pentachlorophenol	11.17	266	780529	93.758	nq	98
71) Phenanthrene	11.40	178	2832273	44.843	nq	99
72) Anthracene	11.45	178	2955446	46.041	nq	100
73) Carbazole	11.60	167	2753167	43.332	nq	100
74) Di-n-butylphthalate	11.93	149	3463807	50.963	nq	98
75) Fluoranthene	12.59	202	3107102	45.457	nq	99
77) Benzidine	12.70	184	1552893	44.866	nq	99
78) Pyrene	12.82	202	3082247	45.921	nq	99
80) Butylbenzylphthalate	13.43	149	1488764	54.840	nq	94
81) Benzo(a)anthracene	14.00	228	2398776	45.104	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	461008	21.984	nq	99
83) Chrysene	14.04	228	2492000	45.402	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1893501	58.511	nq	# 97
85) Di-n-octyl phthalate	14.61	149	3313462	58.218	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2268662	43.887	nq	99
88) Benzo(b)fluoranthene	15.05	252	2576637	51.912	nq	98
89) Benzo(k)fluoranthene	15.09	252	2076858	43.943	nq	99
90) Benzo(a)pyrene	15.42	252	2056740	45.596	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	1848956	46.864	nq	98
92) Benzo(g,h,i)perylene	17.39	276	1872622	47.245	nq	98

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



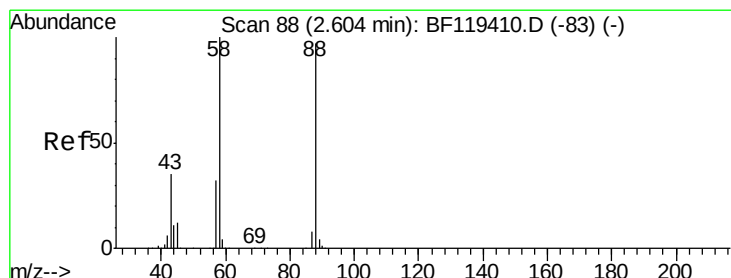
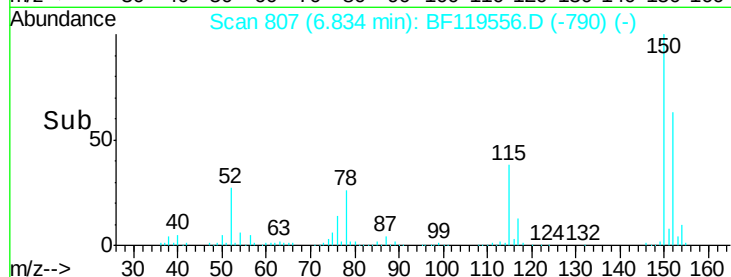
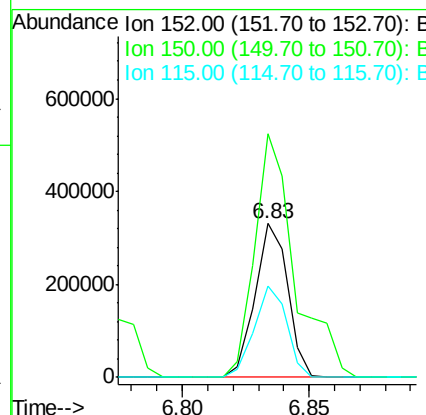
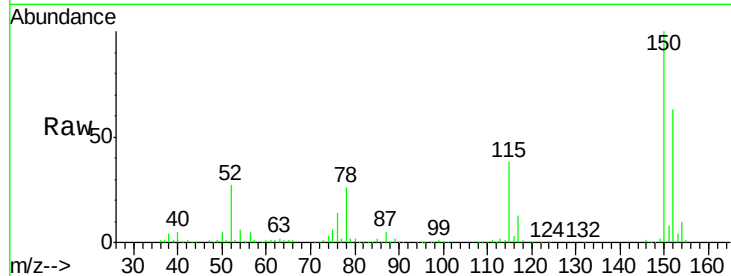
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.5	186.7
115	59.7	49.6	74.4

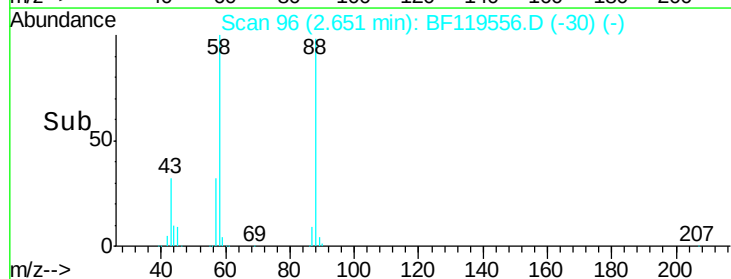
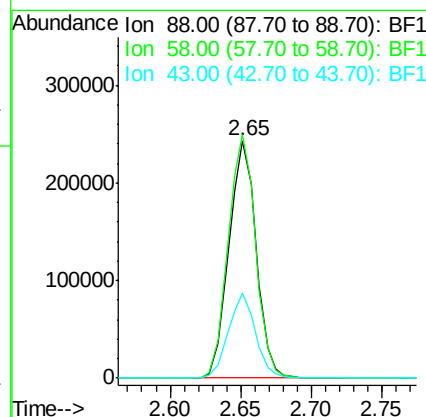
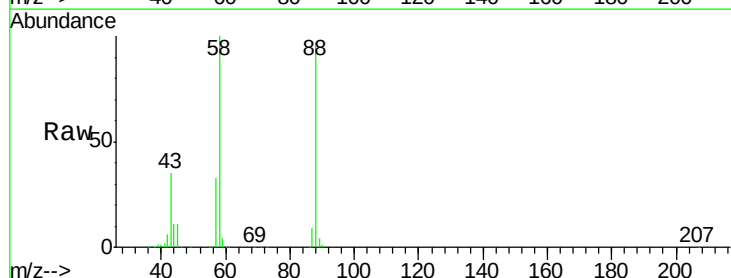
Manual Integrations
 APPROVED

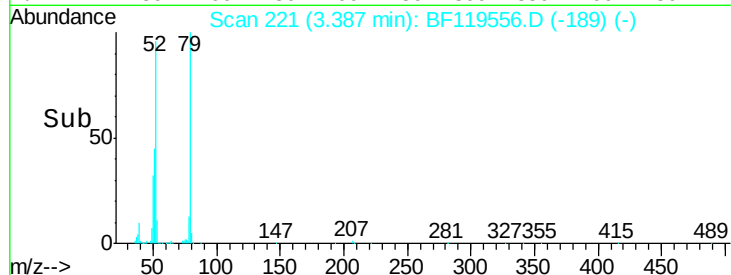
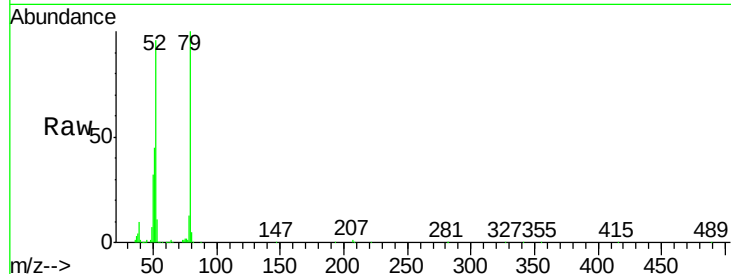
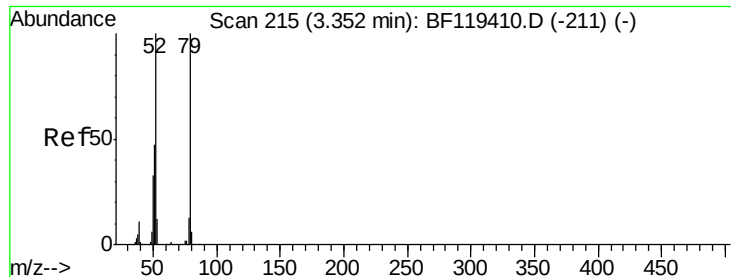
mohammad
 3/30/2020 8:51:02 AM



#2
 1,4-Dioxane
 Concen: 35.047 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.5	80.6	121.0
43	35.0	27.5	41.3





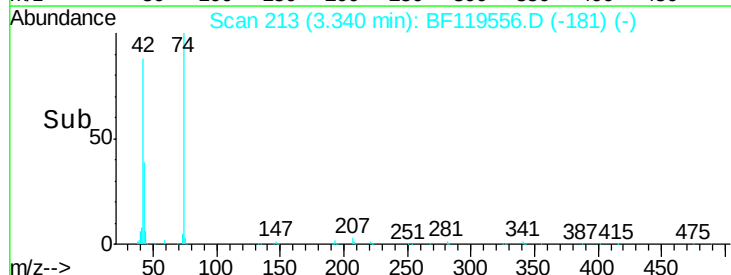
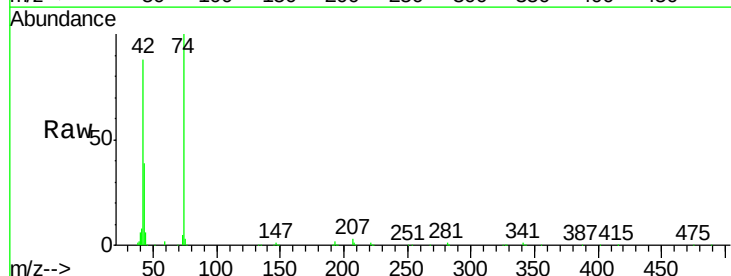
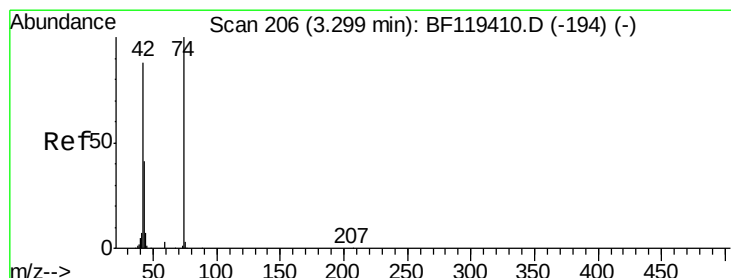
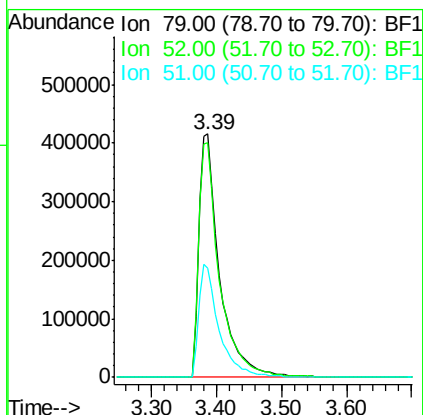
#3
Pvridine
Concen: 35.580 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.09 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	96.2	80.2	120.2	
51	44.7	37.7	56.5	

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

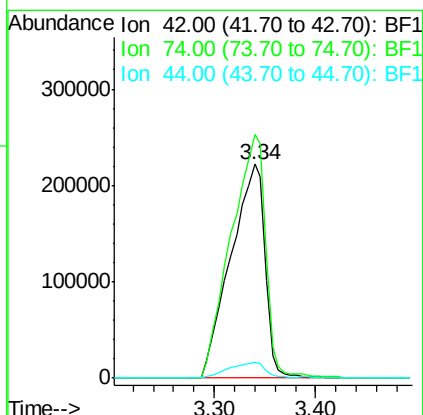
Manual Integrations
APPROVED

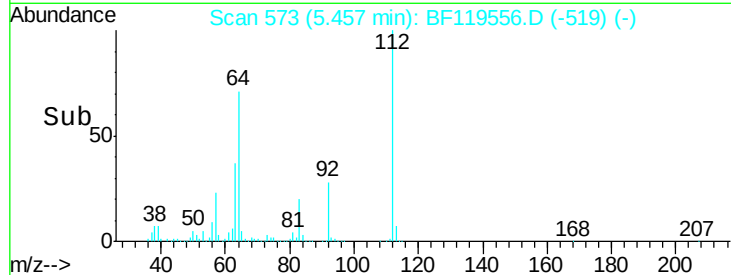
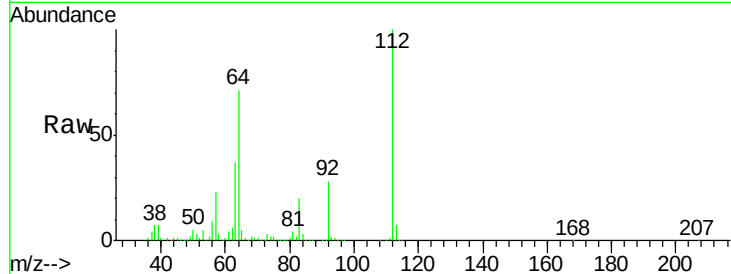
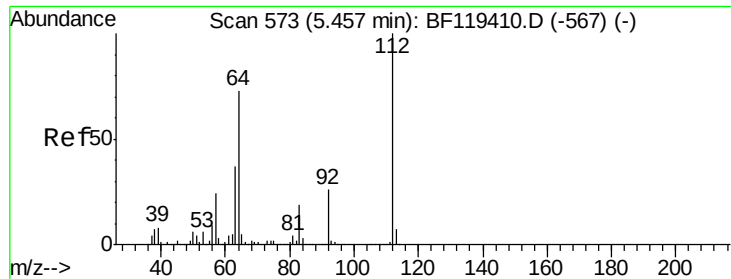
mohammad
3/30/2020 8:51:02 AM



#4
n-Nitrosodimethylamine
Concen: 41.909 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.09 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	113.8	91.5	137.3	
44	7.1	6.2	9.4	





#5

2-Fluorophenol

Concen: 119.774 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tot Ion: 112 Resp: 2245275

Ion Ratio Lower Upper

112 100

64 71.4 56.7 85.1

63 37.4 29.5 44.3

Instrument :

BNA_F

ClientSampleId :

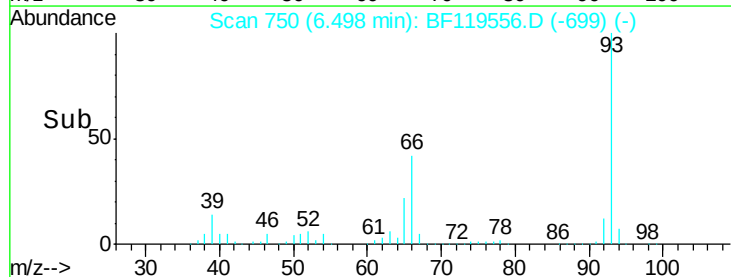
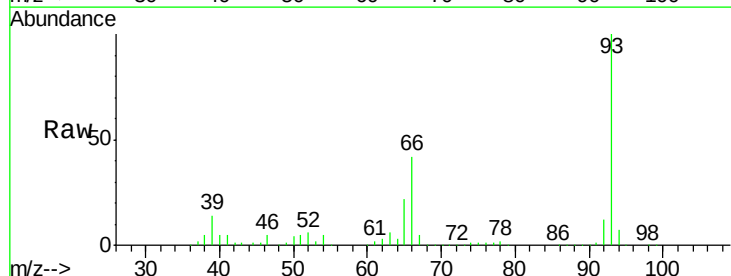
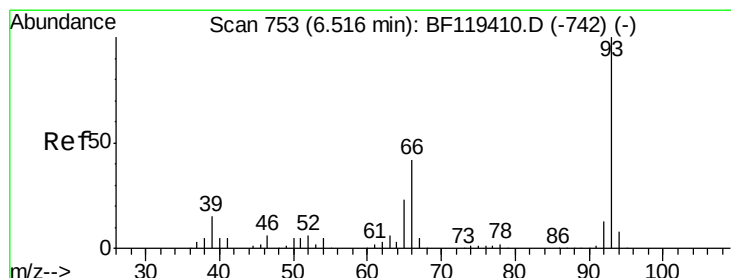
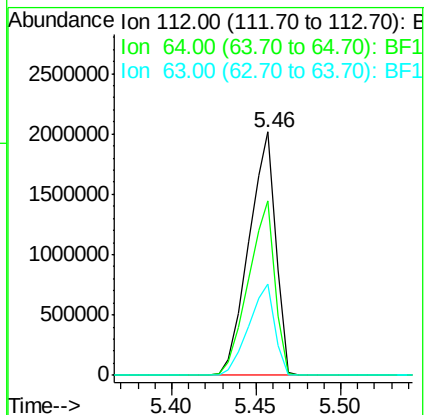
FK-BPM-01-C4-D4-C4A-D4AMS

Manual Integrations

APPROVED

mohammad

3/30/2020 8:51:02 AM



#6

Aniline

Concen: 35.979 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

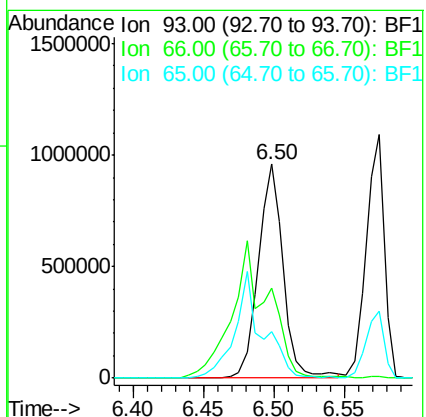
Tgt Ion: 93 Resp: 1189111

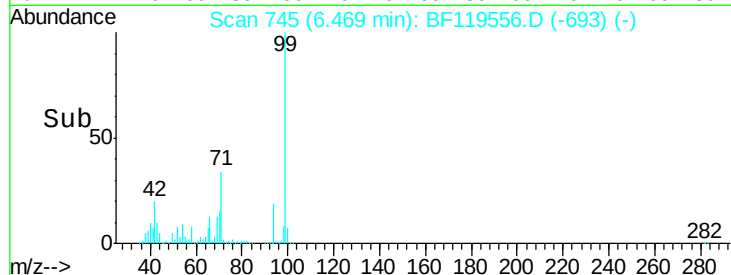
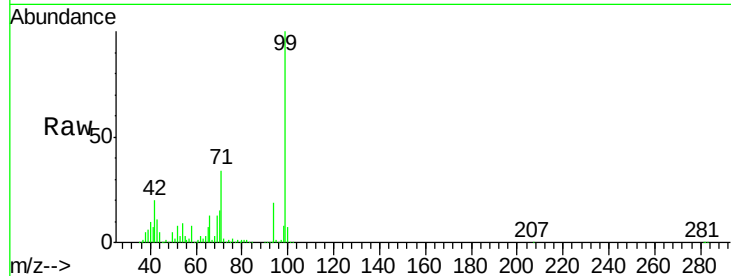
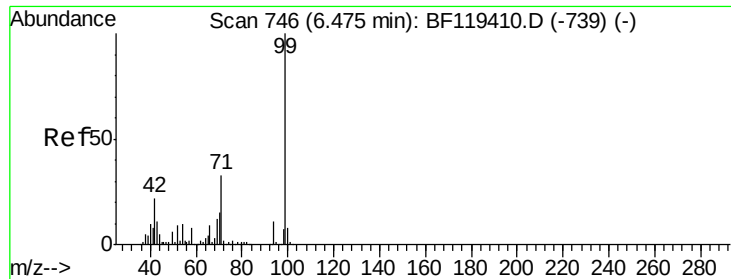
Ion Ratio Lower Upper

93 100

66 42.2 34.9 52.3

65 22.0 18.6 27.8





#7

Phenol-d6

Concen: 123.876 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tot Ion: 99 Resp: 2966408

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.9 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

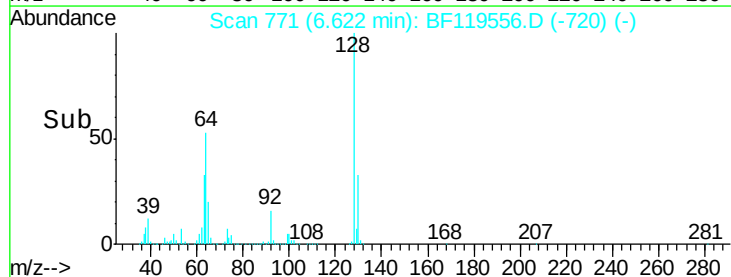
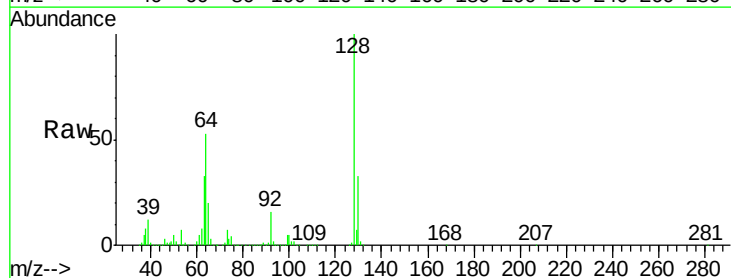
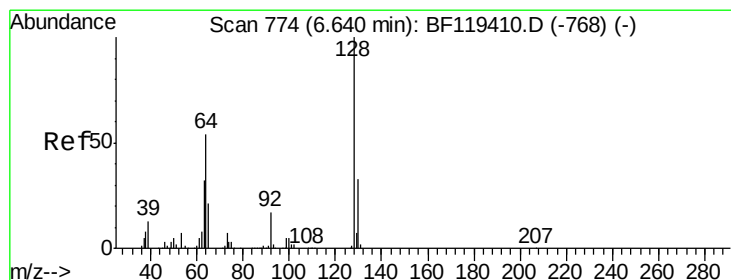
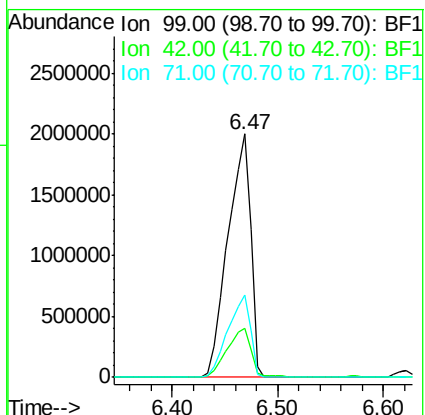
FK-BPM-01-C4-D4-C4A-D4AMS

Manual Integrations

APPROVED

mohammad

3/30/2020 8:51:02 AM



#8

2-Chlorophenol

Concen: 51.277 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

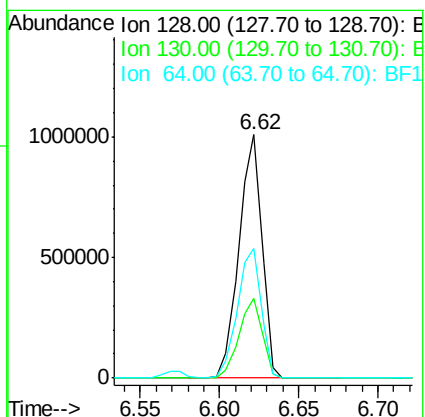
Tgt Ion:128 Resp: 1009566

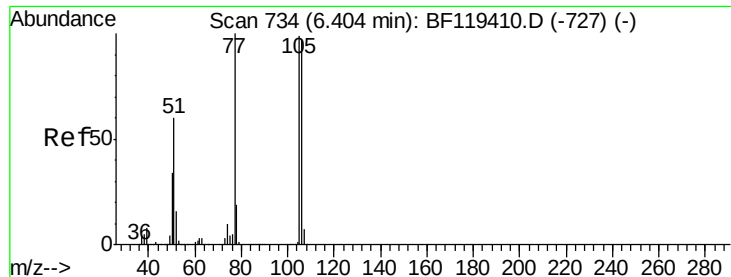
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 53.1 35.3 75.3





#9

Benzaldehyde

Concen: 40.538 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

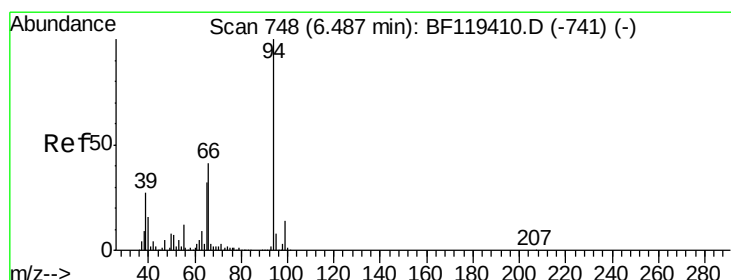
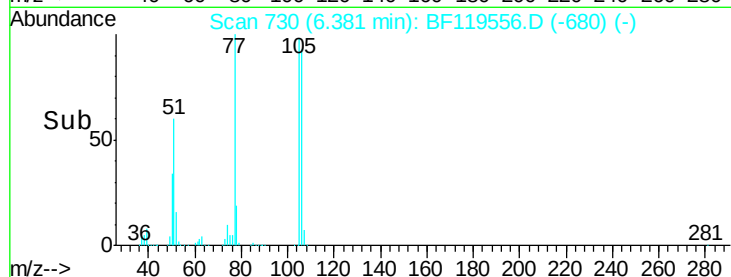
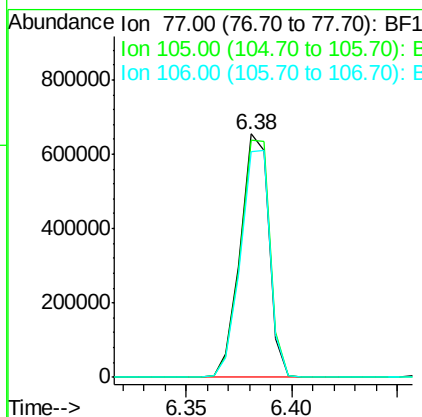
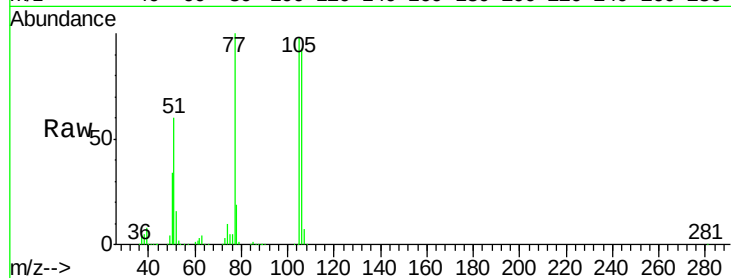
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:	77	Resp:	615815
Ion Ratio	Lower	Upper	
77	100		
105	97.5	80.9	120.9
106	92.9	77.9	117.9

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:02 AM



#10

Phenol

Concen: 50.243 ng

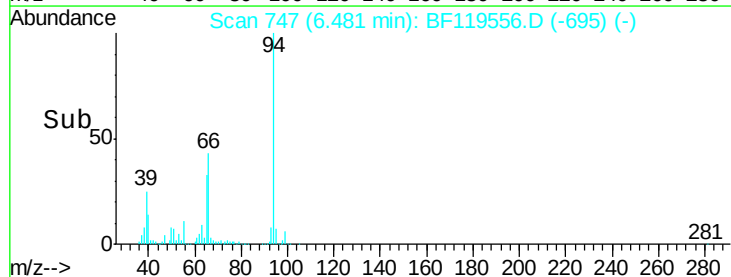
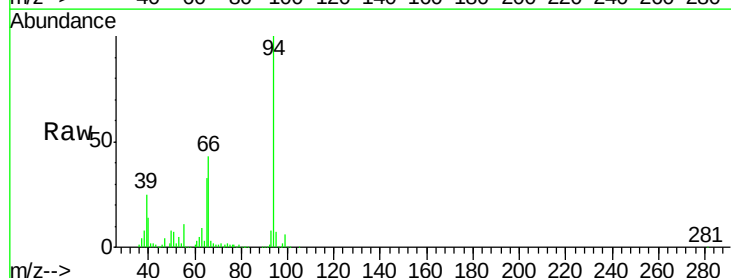
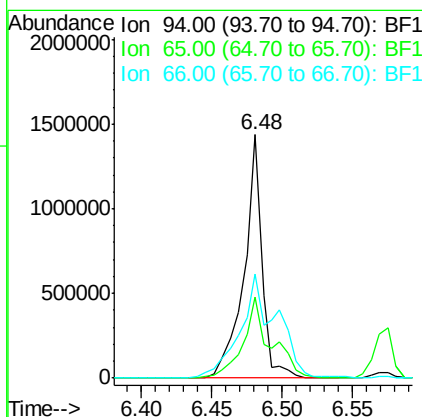
RT: 6.48 min Scan# 747

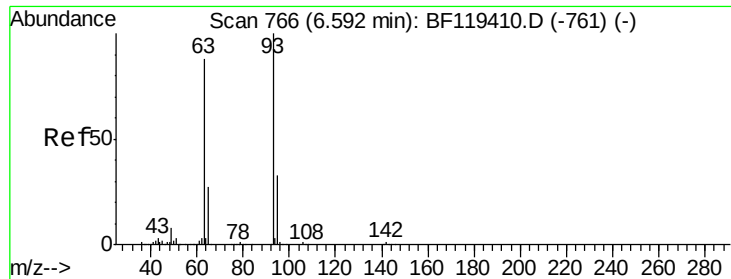
Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:	94	Resp:	1283792
Ion Ratio	Lower	Upper	
94	100		
65	33.5	13.2	53.2
66	42.9	22.3	62.3





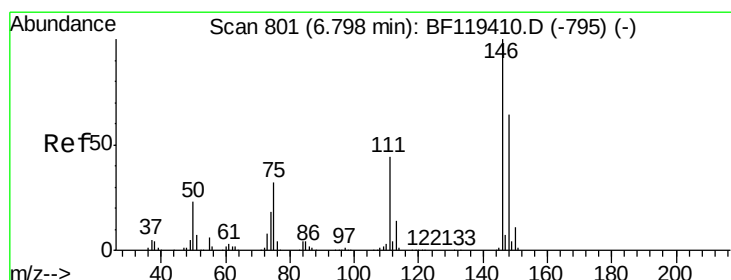
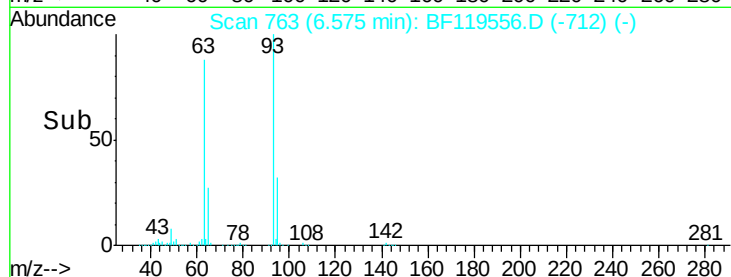
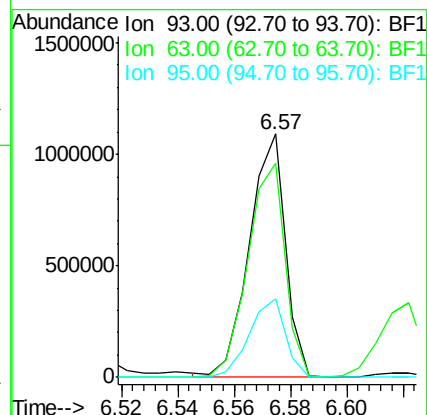
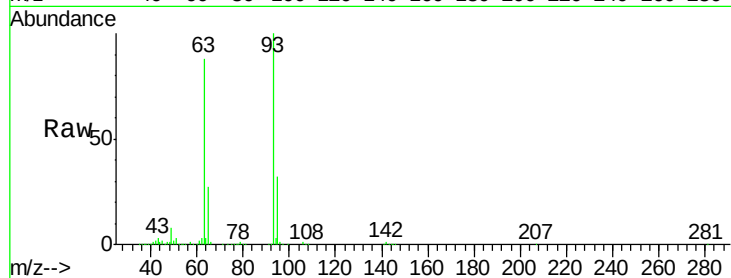
#11
bis(2-Chloroethyl)ether
Concen: 47.333 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	88.1	70.2	110.2	
95	32.4	13.4	53.4	

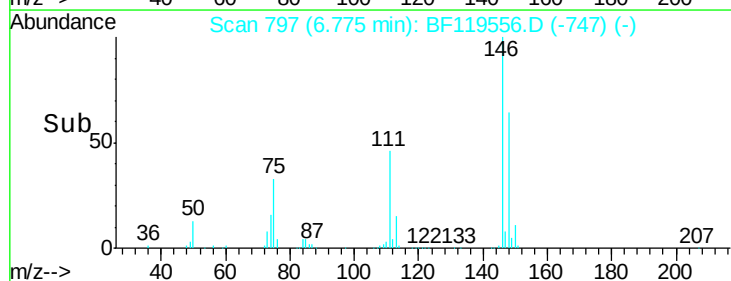
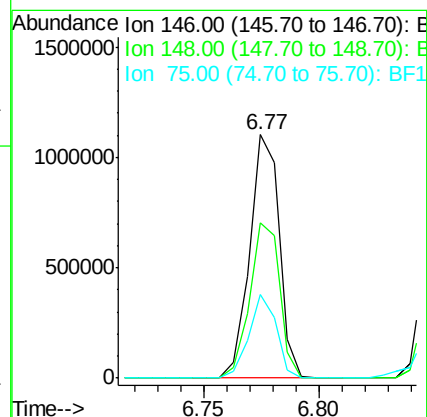
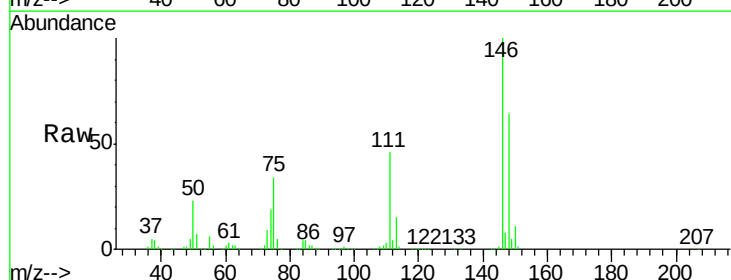
Manual Integrations
APPROVED

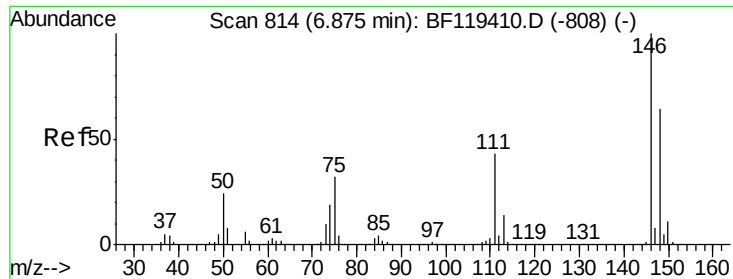
mohammad
3/30/2020 8:51:02 AM



#12
1,3-Dichlorobenzene
Concen: 46.355 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	52.2	78.4	
75	34.2	23.0	34.4	





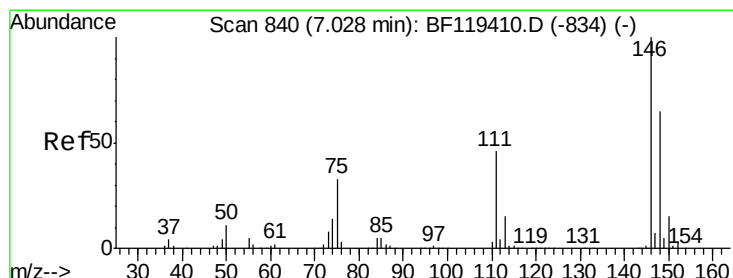
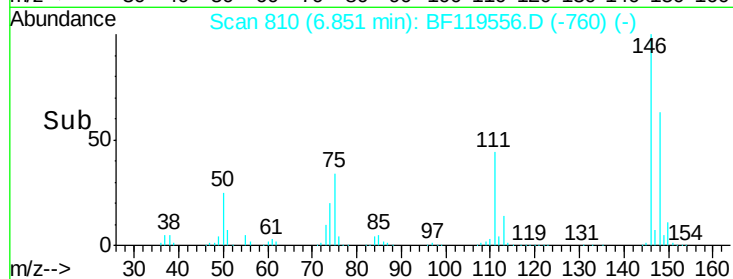
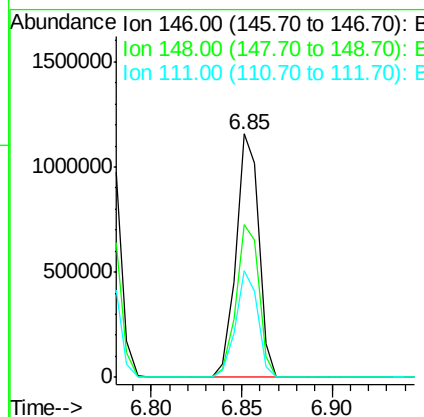
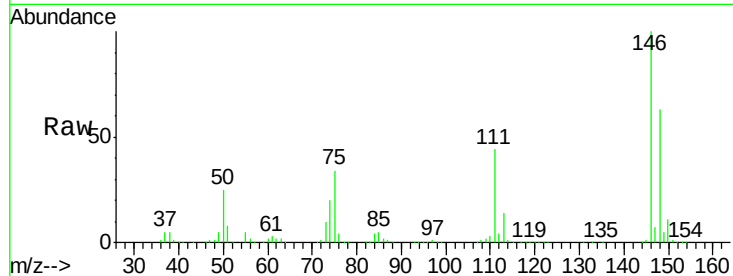
#13
1,4-Dichlorobenzene
Concen: 47.320 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:146 Resp: 1008593
Ion Ratio Lower Upper
146 100
148 62.6 51.5 77.3
111 43.8 33.3 49.9

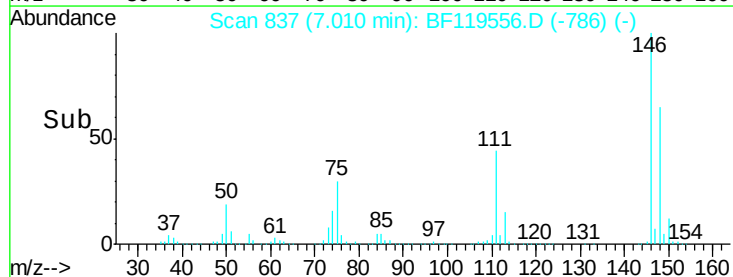
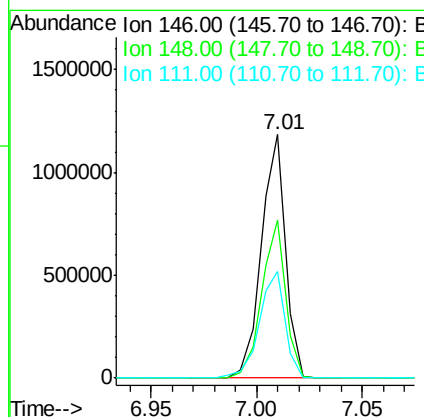
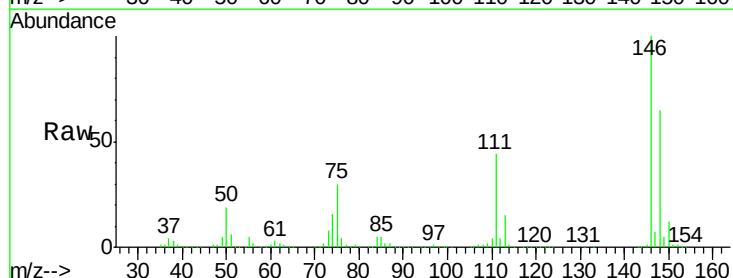
Manual Integrations
APPROVED

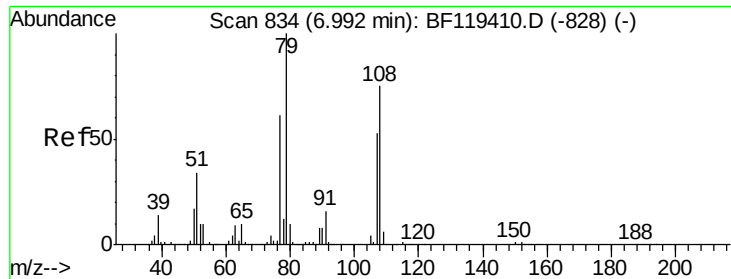
mohammad
3/30/2020 8:51:02 AM



#14
1,2-Dichlorobenzene
Concen: 47.415 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:146 Resp: 944619
Ion Ratio Lower Upper
146 100
148 65.1 50.6 75.8
111 43.6 36.1 54.1





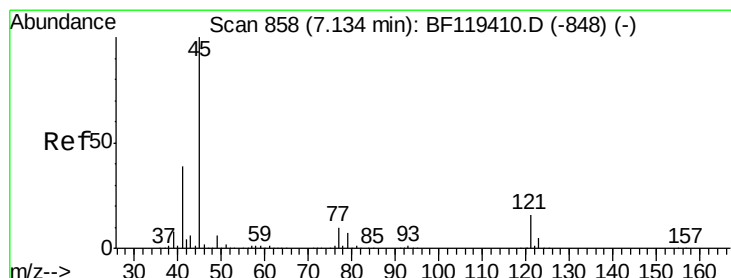
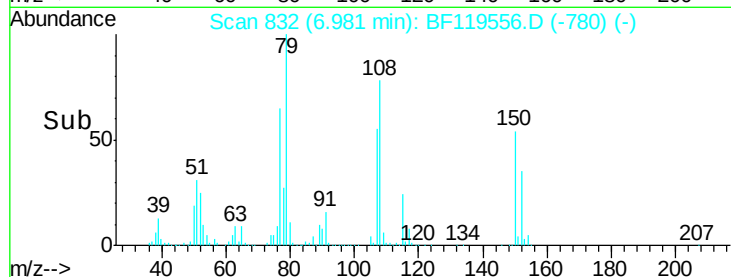
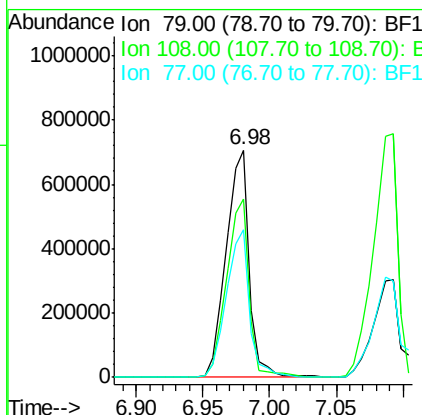
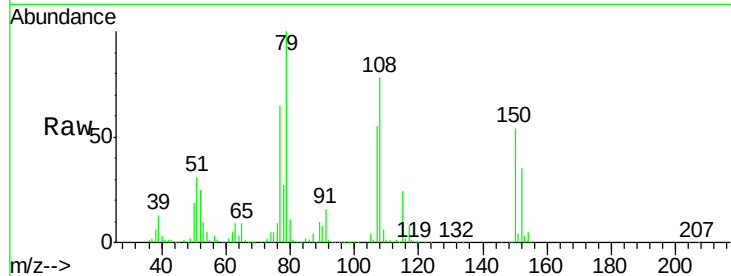
#15
Benzyl Alcohol
Concen: 48.076 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	60.6	90.8
77	64.9	50.2	75.2

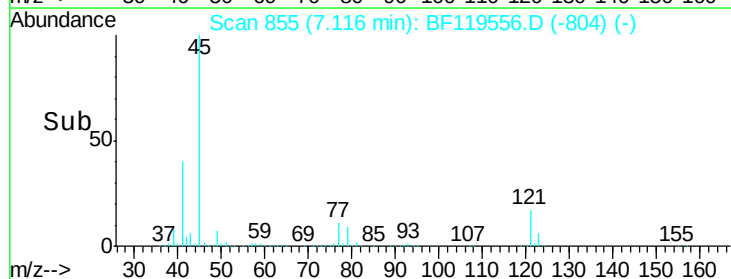
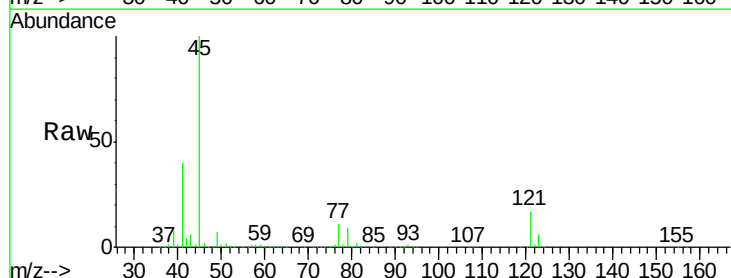
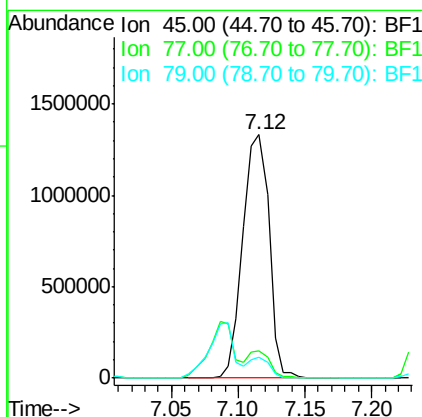
Manual Integrations
APPROVED

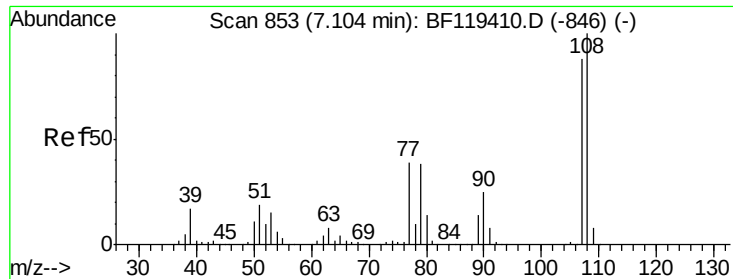
mohammad
3/30/2020 8:51:02 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.914 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.7
79	8.6	0.0	28.2





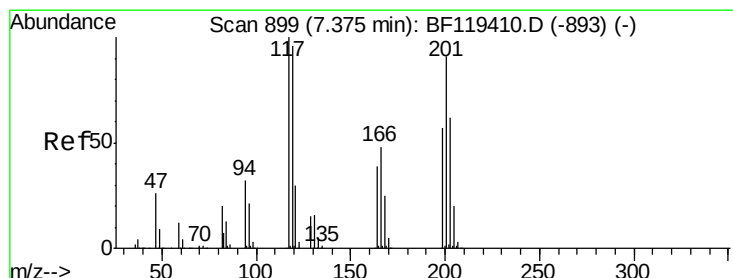
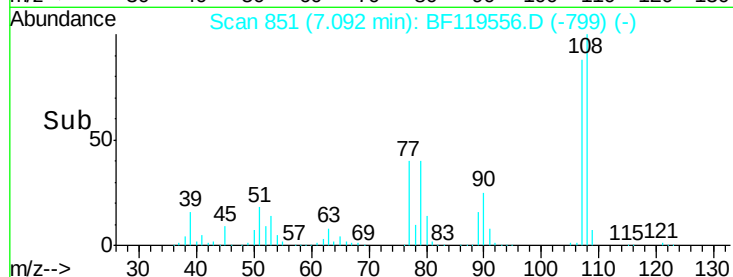
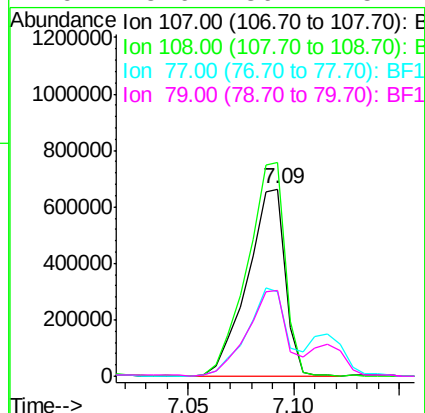
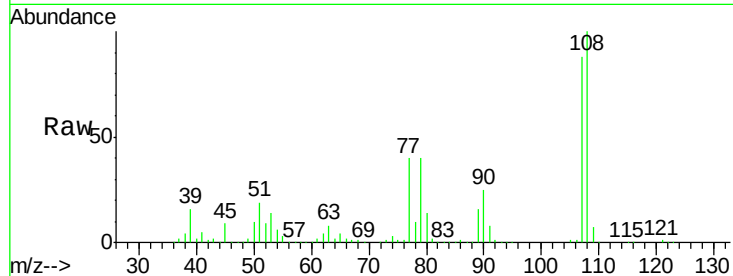
#17
2-Methylphenol
Concen: 45.931 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	92.2	138.4	
77	45.2	36.6	54.8	
79	45.6	36.2	54.4	

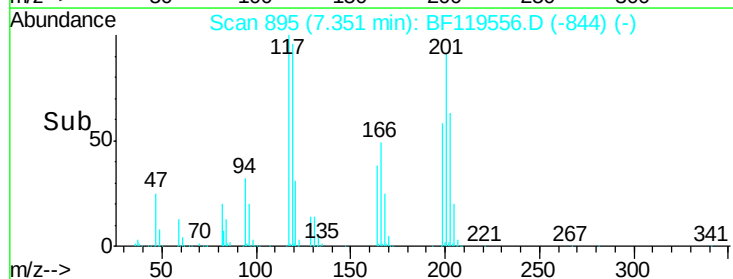
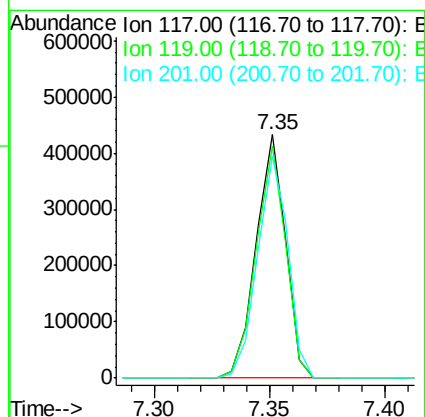
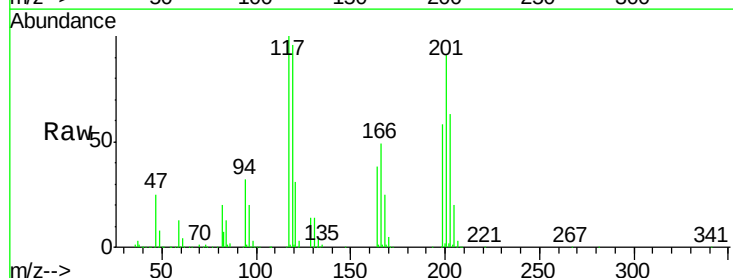
Manual Integrations
APPROVED

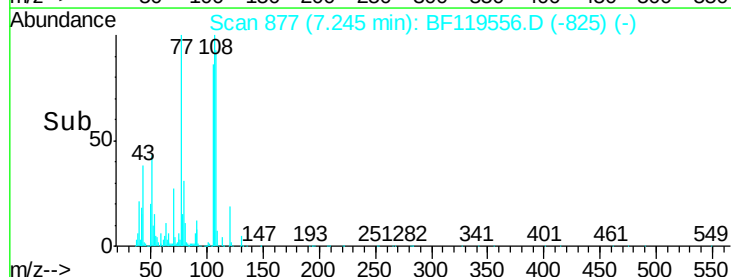
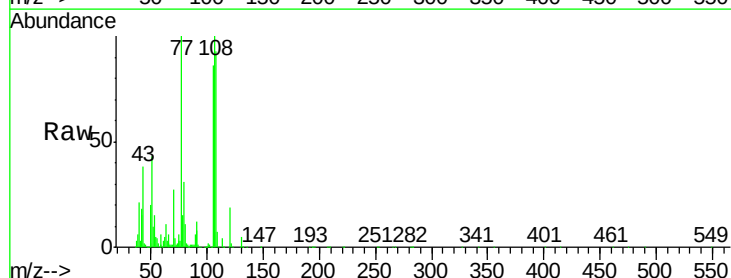
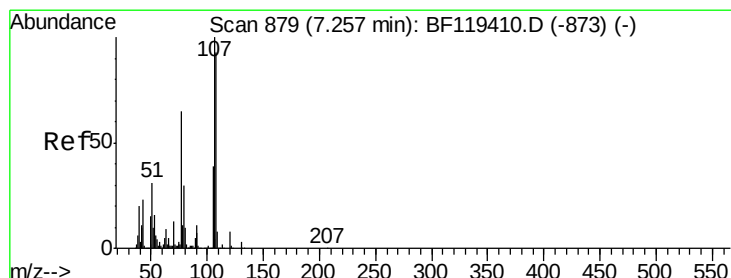
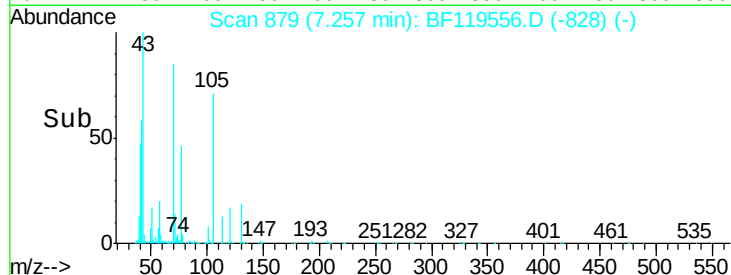
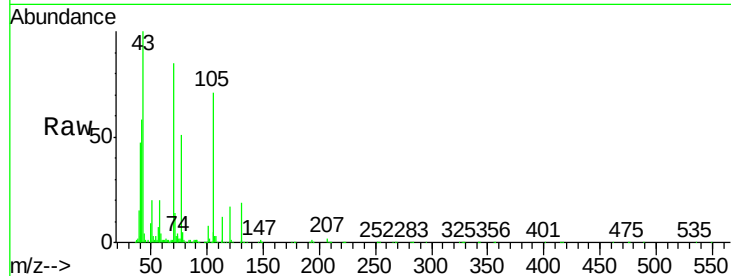
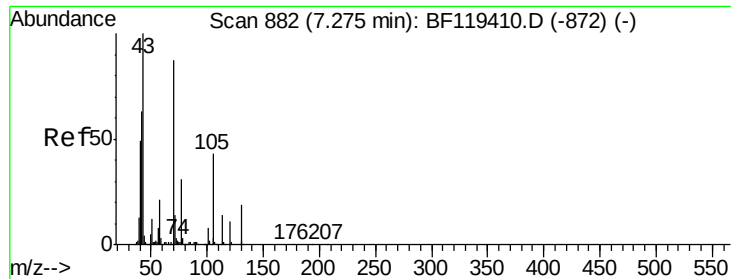
mohammad
3/30/2020 8:51:02 AM



#18
Hexachloroethane
Concen: 49.422 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

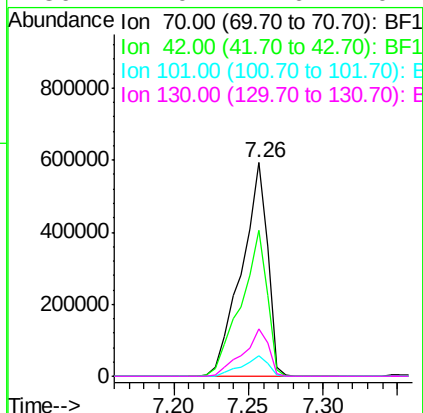
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.1	114.1	
201	91.3	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 49.750 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.5	81.7
101	9.8	7.6	11.4
130	22.0	17.6	26.4



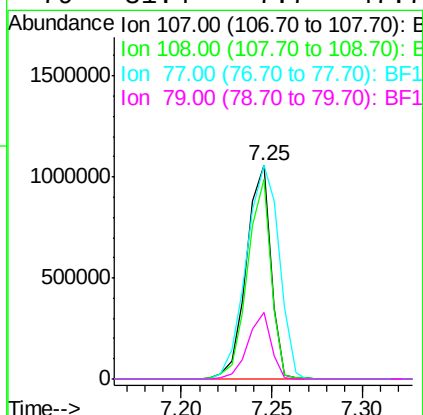
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

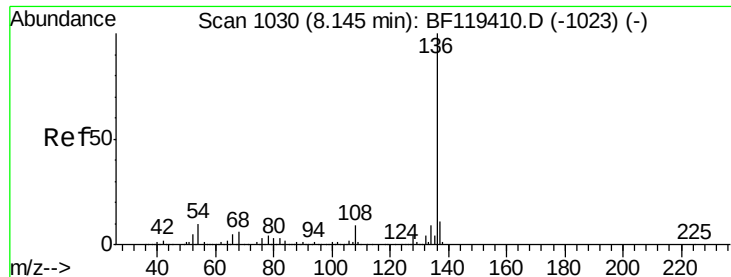
Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:02 AM

#20
3+4-Methylphenols
Concen: 44.914 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	67.9	107.9
77	99.9	52.9	92.9
79	31.4	7.7	47.7





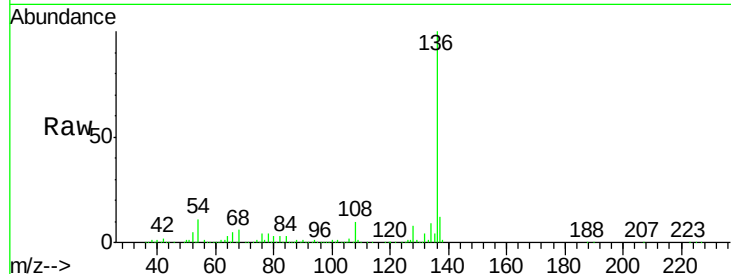
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

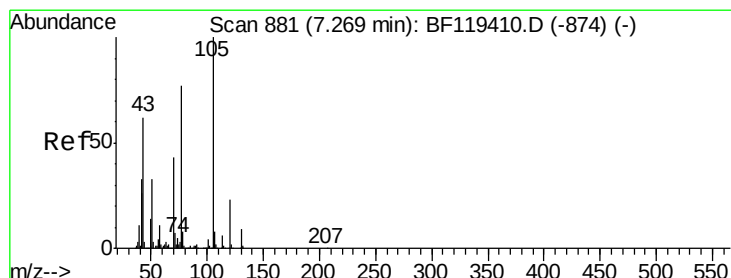
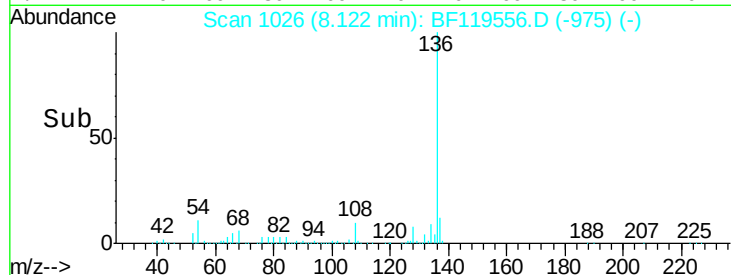
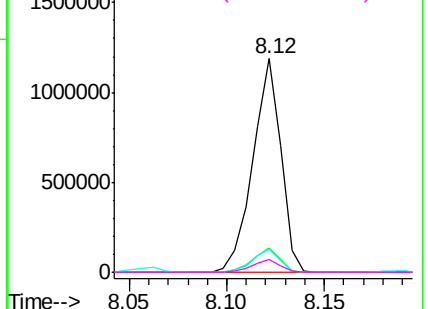
Tot Ion	136	Resp	1177640
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.7	9.1	13.7
68	5.8	4.6	6.8

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:02 AM



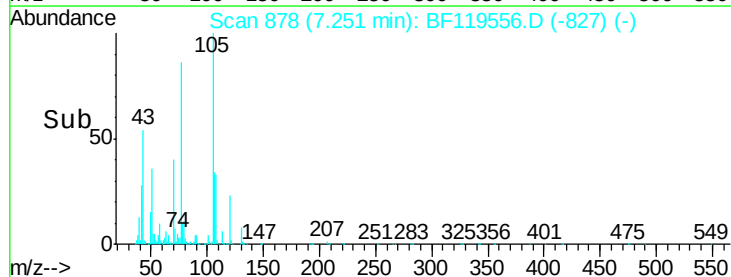
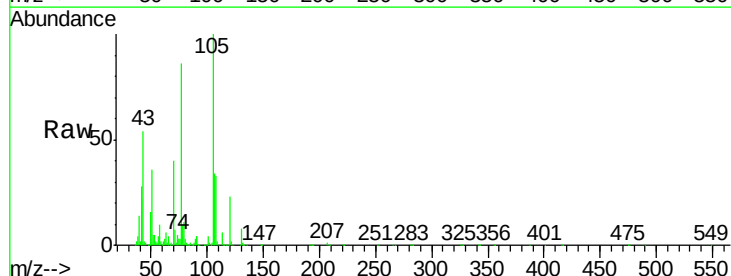
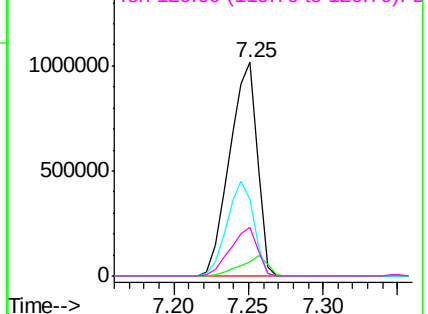
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

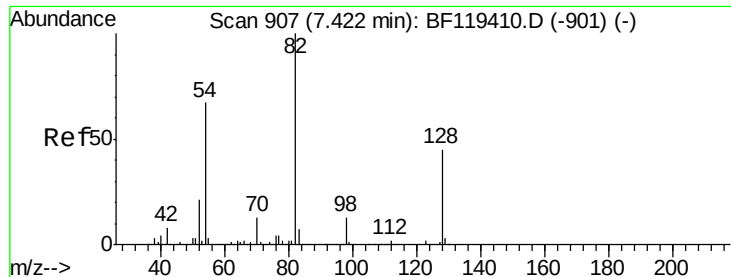


#22
Acetophenone
Concen: 47.019 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	105	Resp	1323093
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.7	8.5
51	36.1	26.2	39.4
120	23.0	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





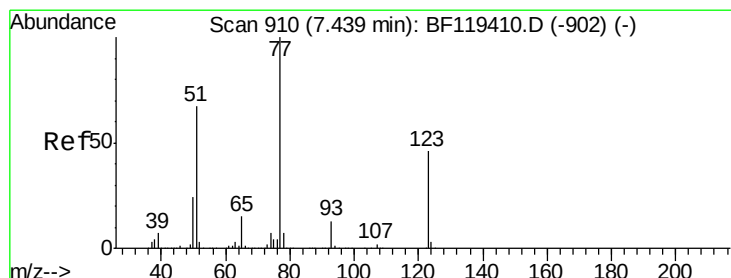
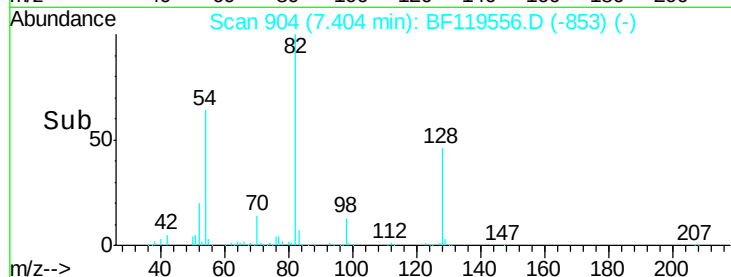
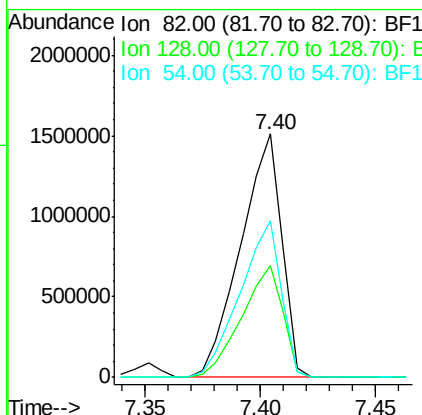
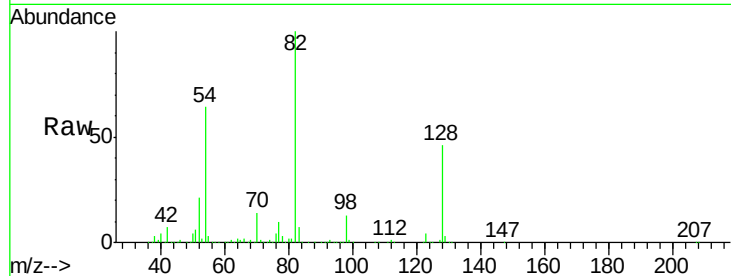
#23
 Nitrobenzene-d5
 Concen: 86.488 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 82 Resp: 1874075
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 64.5 50.6 75.8

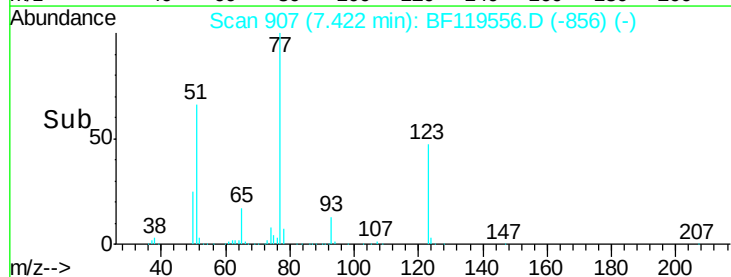
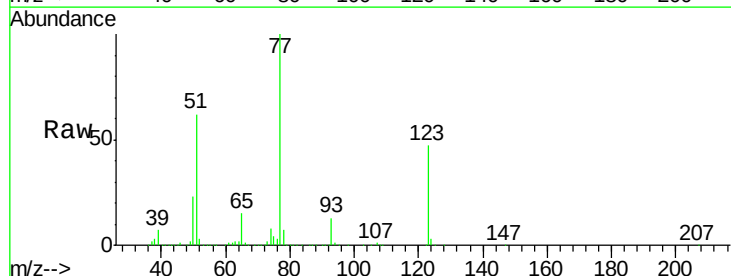
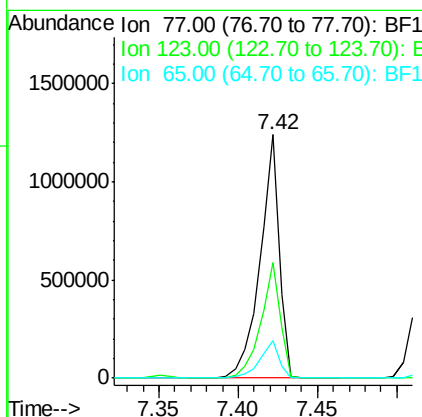
Manual Integrations
 APPROVED

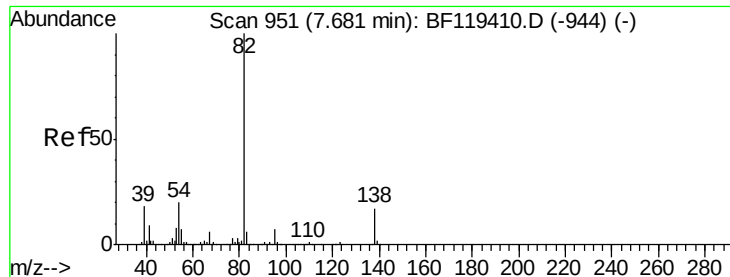
mohammad
 3/30/2020 8:51:02 AM



#24
 Nitrobenzene
 Concen: 45.481 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion: 77 Resp: 1053191
 Ion Ratio Lower Upper
 77 100
 123 47.3 38.0 57.0
 65 15.4 12.6 18.8





#25

Isophorone

Concen: 46.169 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 82 Resp: 2029390

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

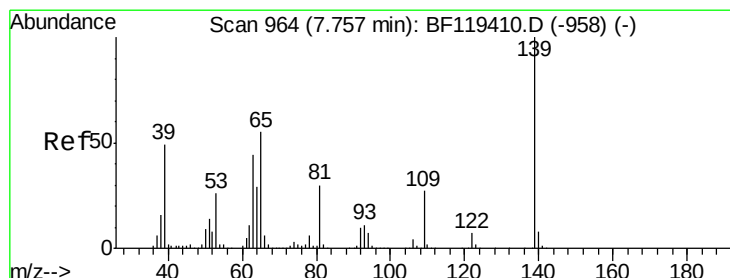
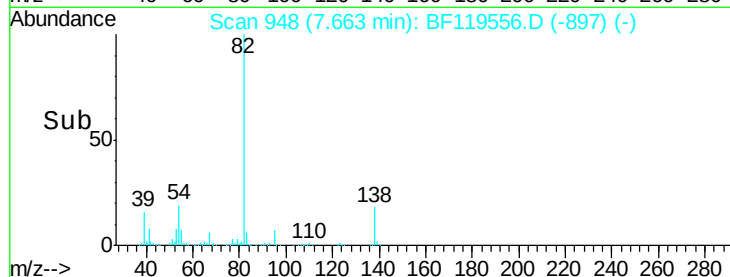
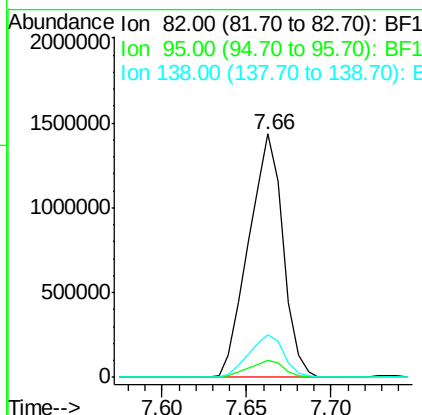
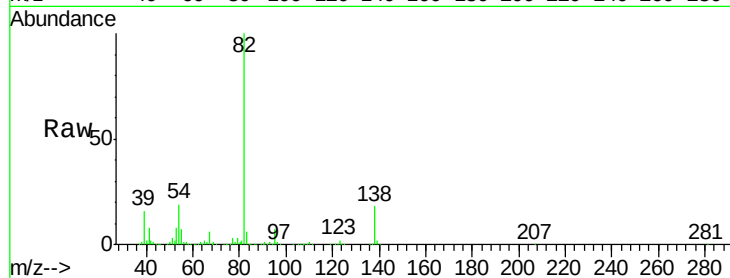
138 17.6 14.6 21.8

Manual Integrations

APPROVED

mohammad

3/30/2020 8:51:02 AM



#26

2-Nitrophenol

Concen: 60.321 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

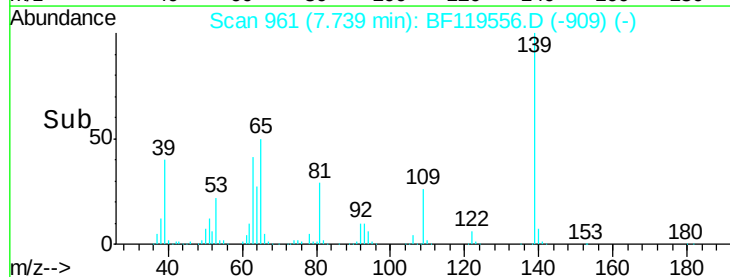
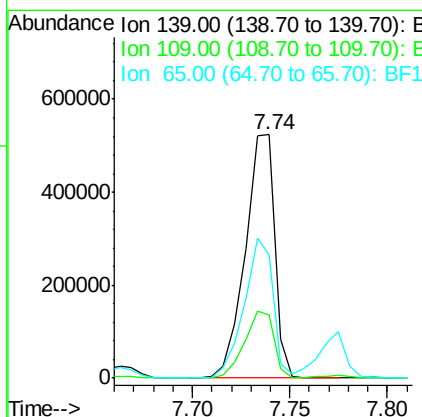
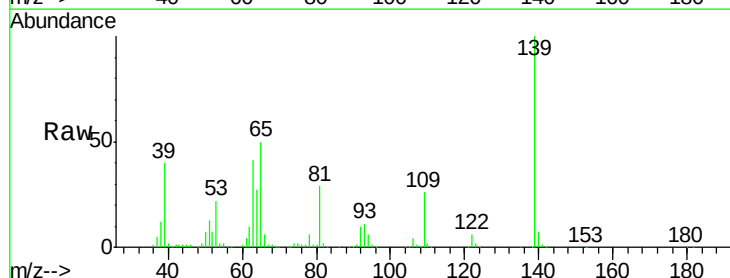
Tgt Ion: 139 Resp: 549990

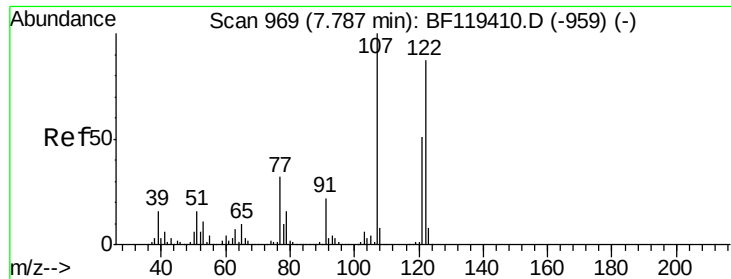
Ion Ratio Lower Upper

139 100

109 26.0 22.1 33.1

65 50.4 49.2 73.8





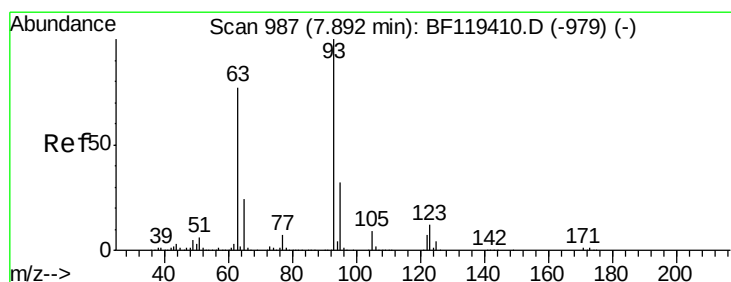
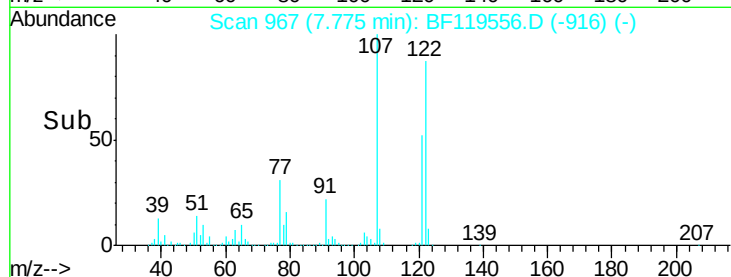
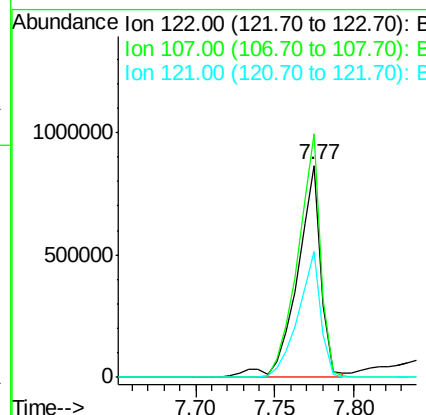
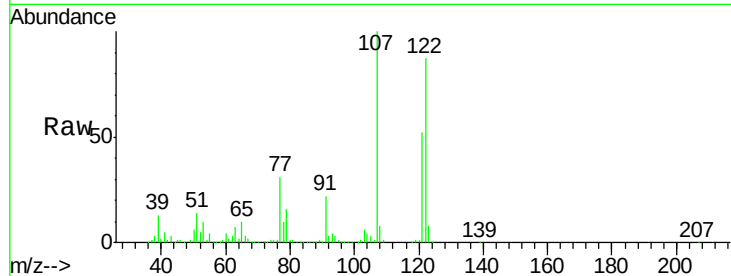
#27
 2,4-Dimethylphenol
 Concen: 47.303 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	891827		
107	115.1	89.0	133.6	
121	59.5	46.7	70.1	

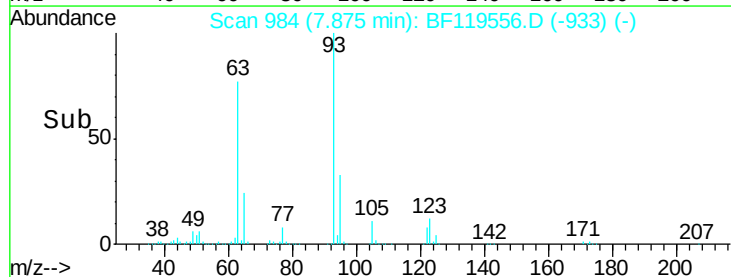
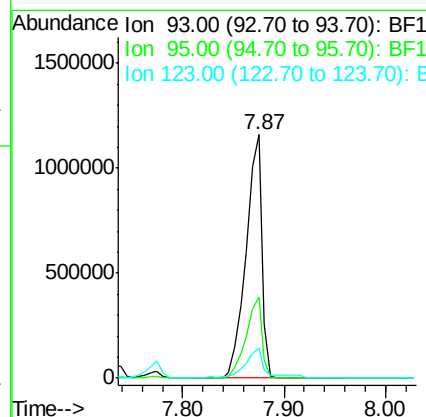
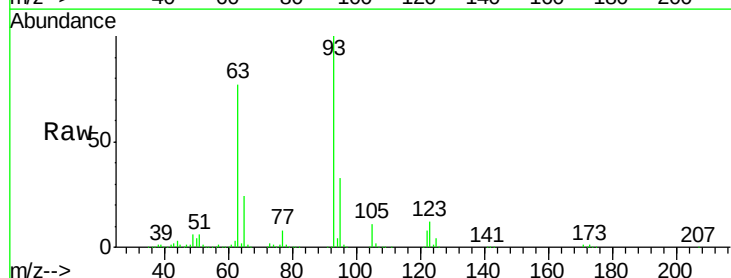
Manual Integrations
 APPROVED

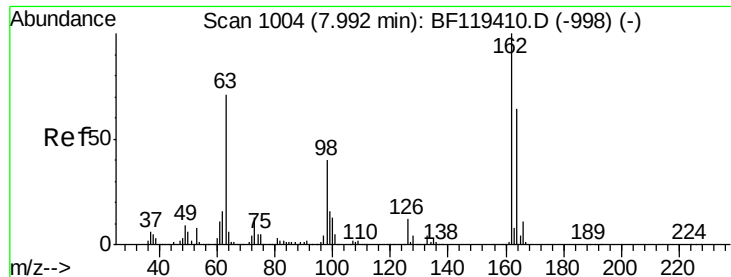
mohammad
 3/30/2020 8:51:02 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.531 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1261438		
95	33.1	26.3	39.5	
123	12.2	9.7	14.5	





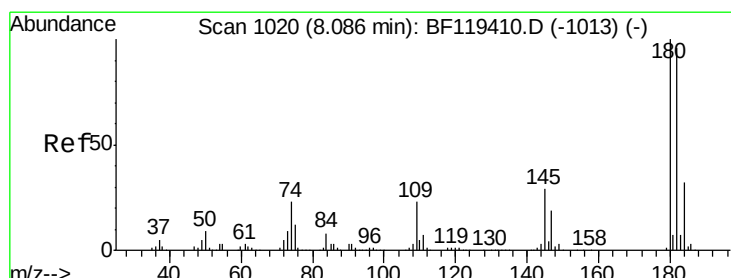
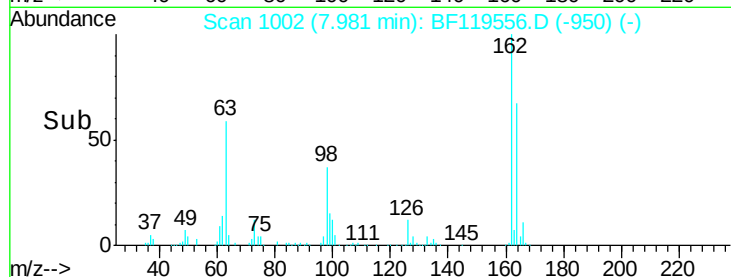
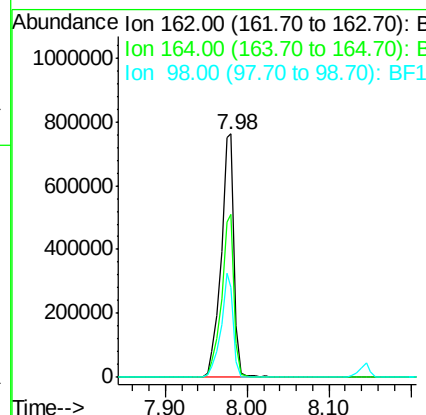
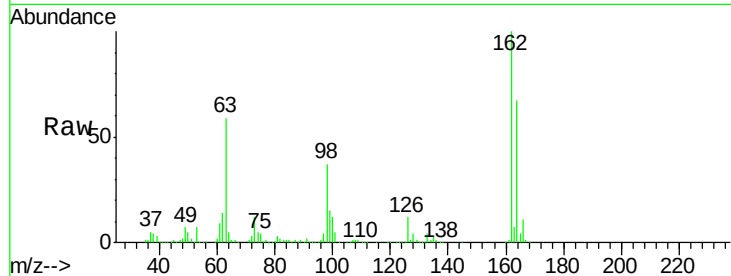
#29
2,4-Dichlorophenol
Concen: 48.927 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	847567		
164	66.9	44.7	84.7	
98	36.8	20.7	60.7	

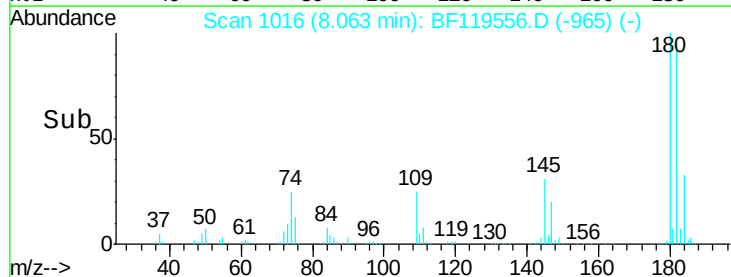
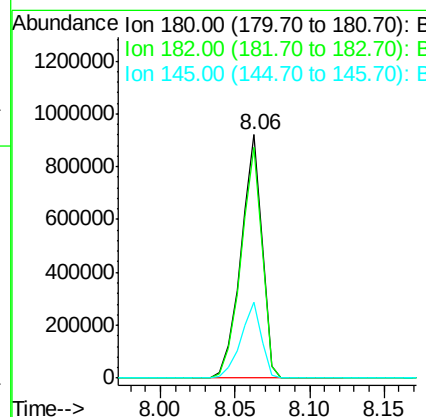
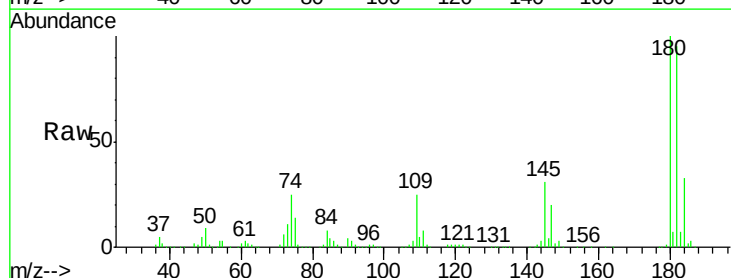
Manual Integrations
APPROVED

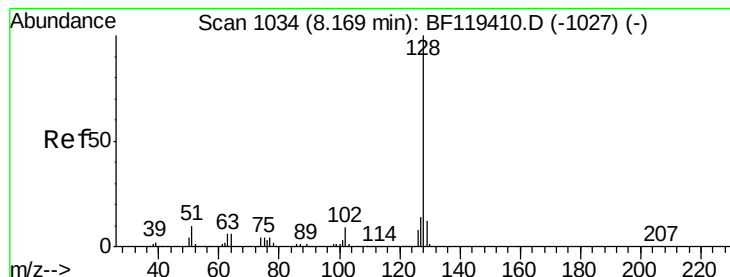
mohammad
3/30/2020 8:51:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 47.279 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	905755		
182	94.7	74.7	112.1	
145	31.1	24.5	36.7	





#31

Naphthalene

Concen: 46.777 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:128 Resp: 2834837

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

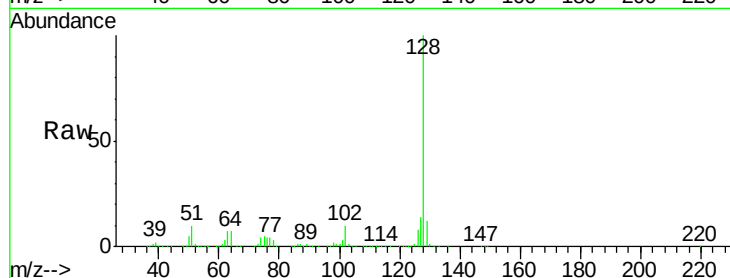
127 13.8 11.3 16.9

Manual Integrations

APPROVED

mohammad

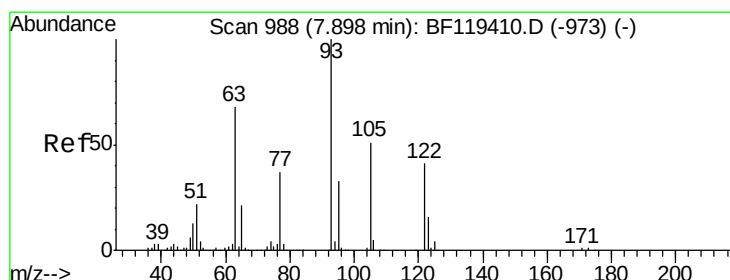
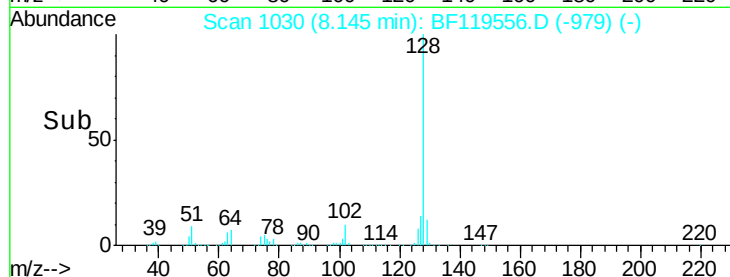
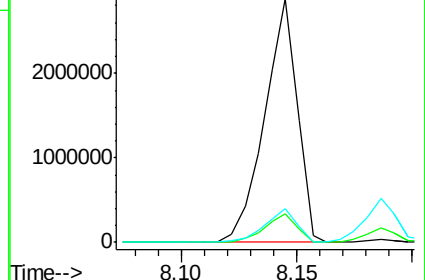
3/30/2020 8:51:02 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.587 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

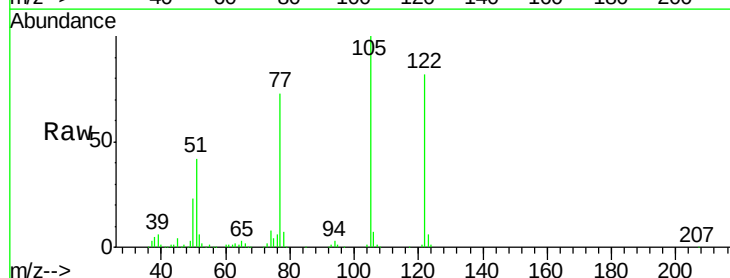
Tgt Ion:122 Resp: 722645

Ion Ratio Lower Upper

122 100

105 121.4 104.9 144.9

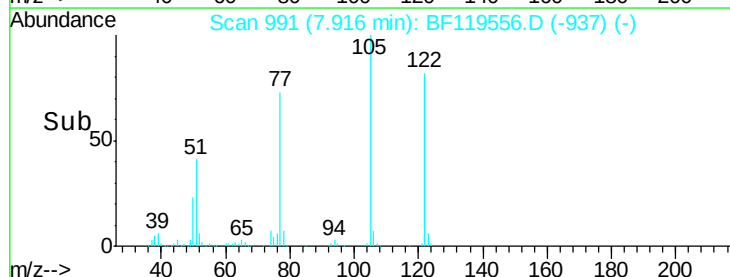
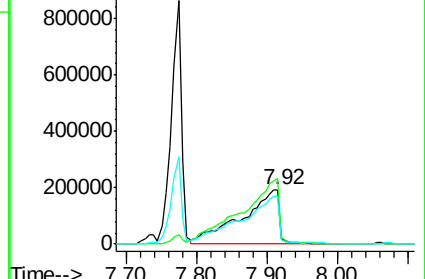
77 88.6 74.4 114.4

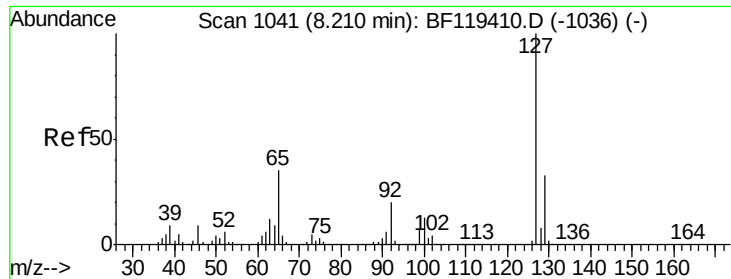


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





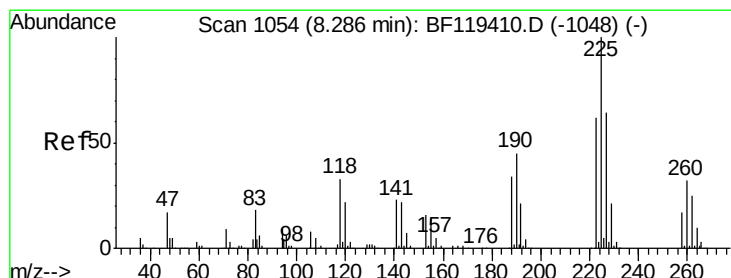
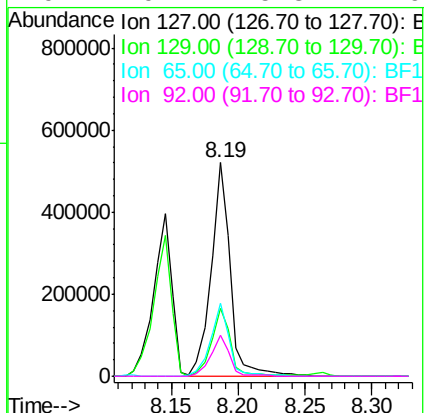
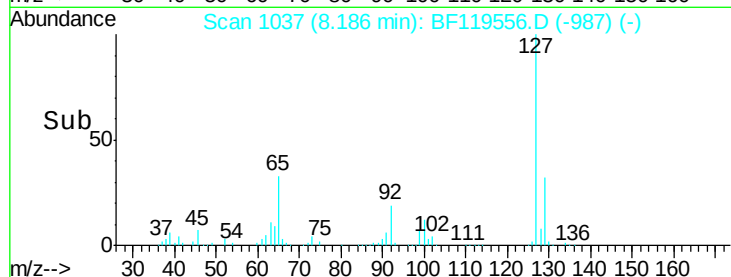
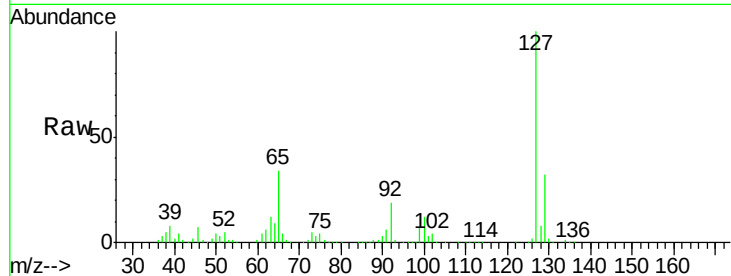
#33
4-Chloroaniline
Concen: 18.708 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.4		
65	34.0	27.4	41.0		
92	19.1	15.3	22.9		

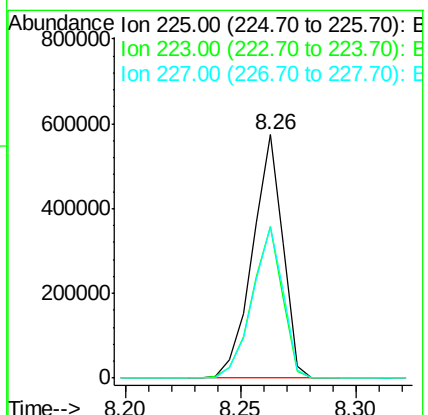
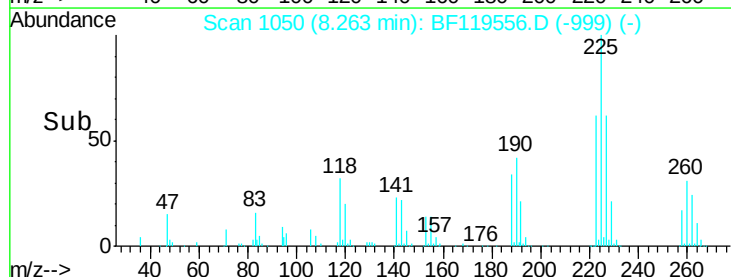
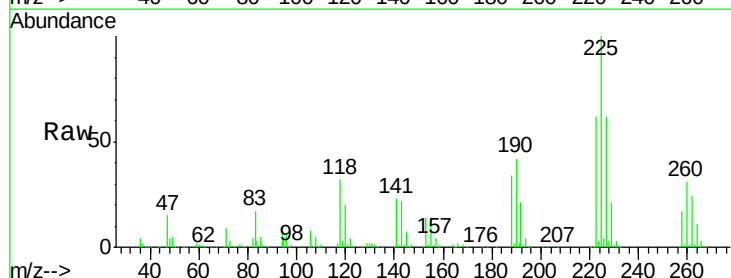
Manual Integrations
APPROVED

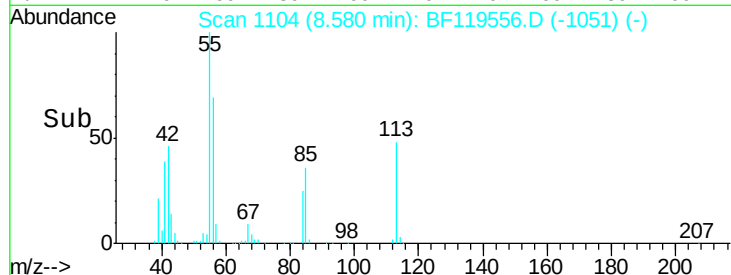
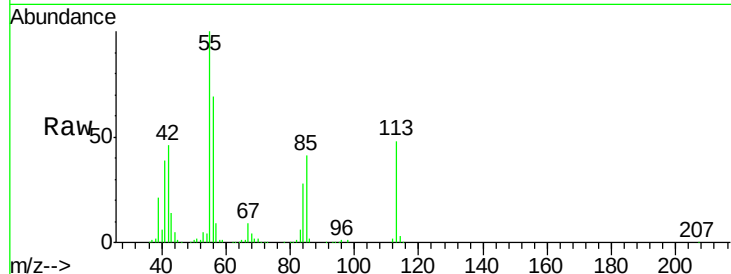
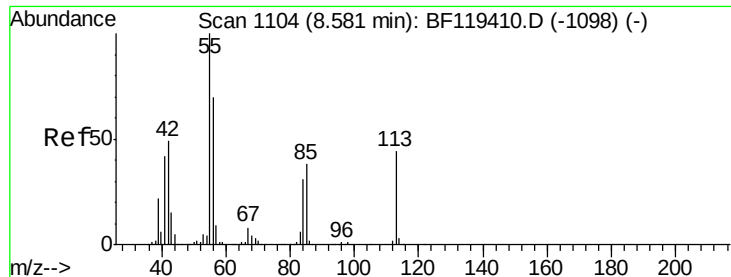
mohammad
3/30/2020 8:51:02 AM



#34
Hexachlorobutadiene
Concen: 48.926 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.6		
227	62.4	50.7	76.1		





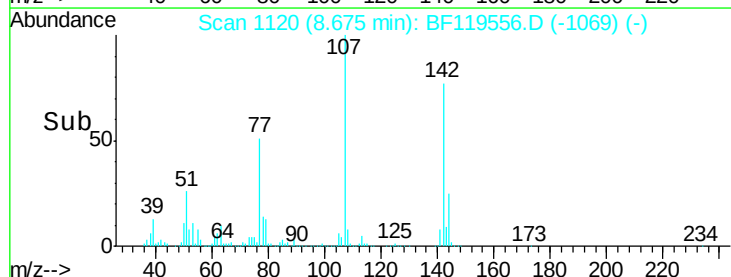
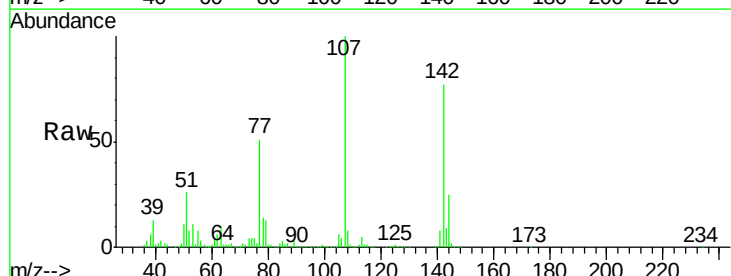
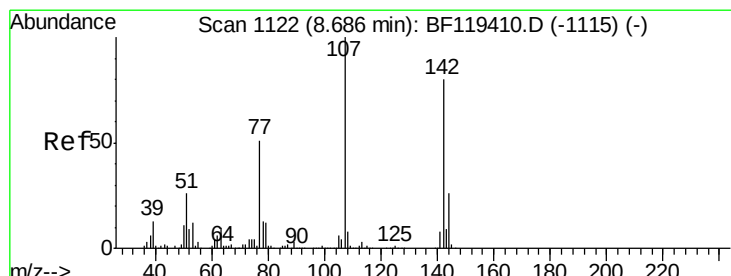
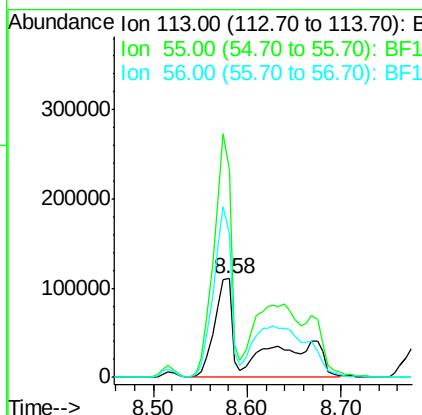
#35
Caprolactam
Concen: 53.621 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	210.0	218.4	258.4#	
56	145.2	148.9	188.9#	

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

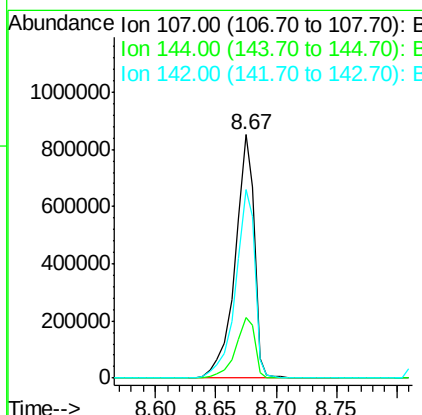
Manual Integrations
APPROVED

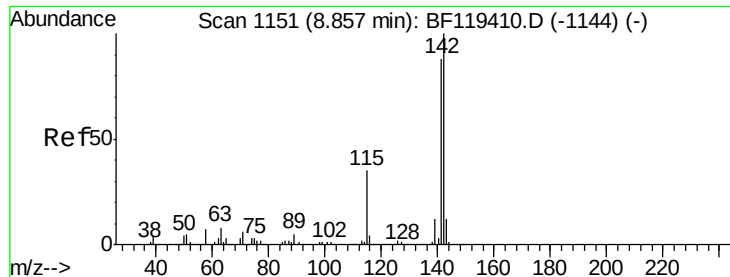
mohammad
3/30/2020 8:51:02 AM



#36
4-Chloro-3-methylphenol
Concen: 49.992 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.0	21.0	31.6	
142	77.5	64.4	96.6	





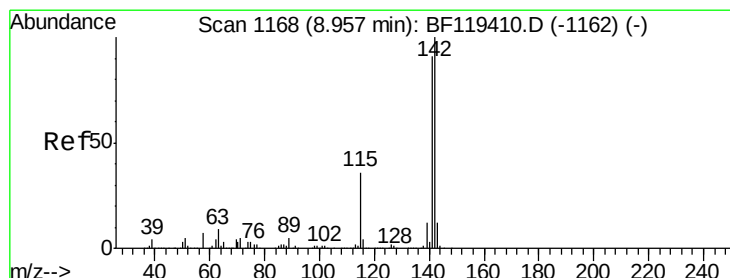
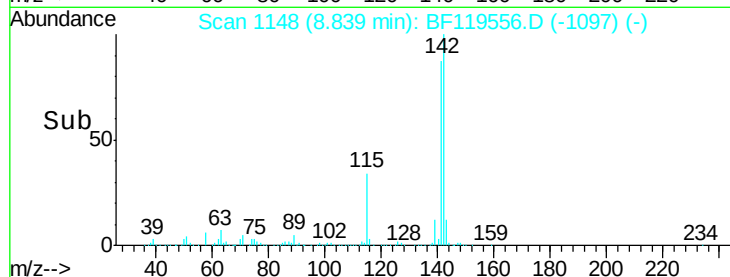
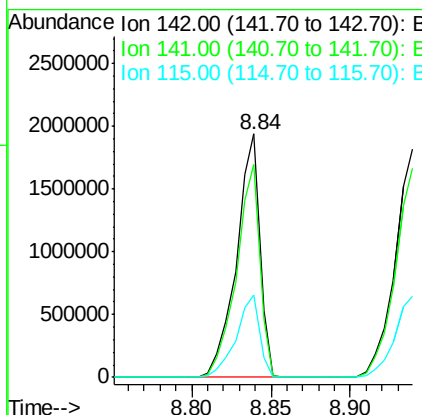
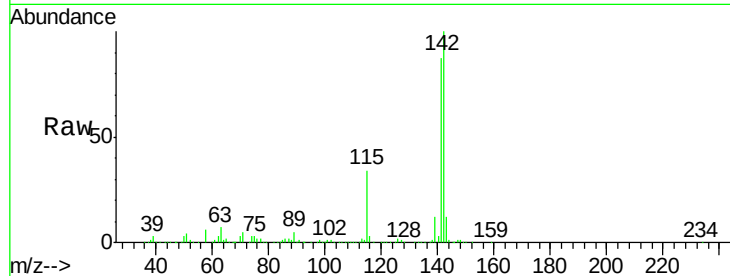
#37
2-Methylnaphthalene
Concen: 49.894 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:142 Resp: 1984436
Ion Ratio Lower Upper
142 100
141 87.3 71.7 107.5
115 34.0 27.9 41.9

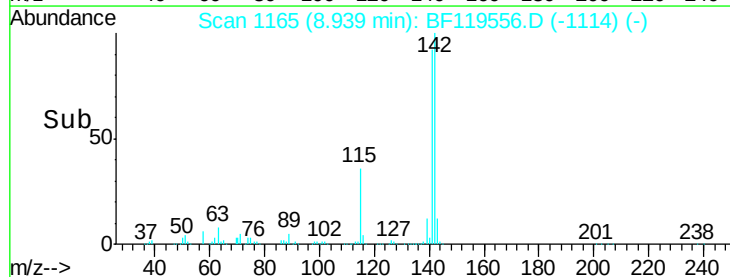
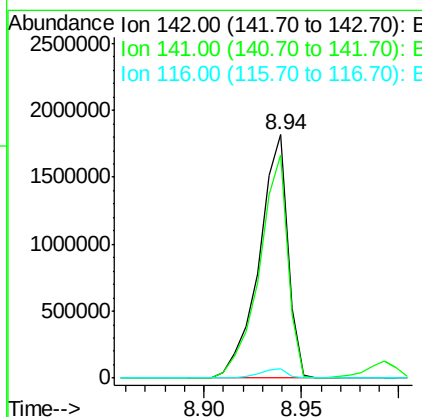
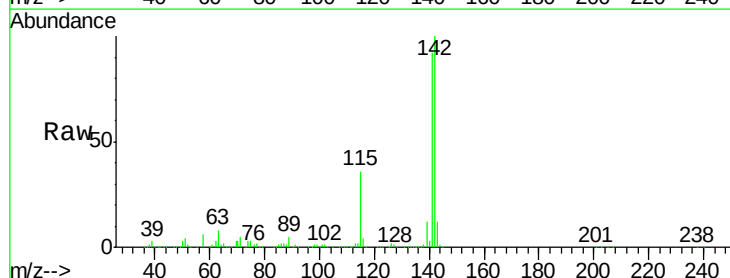
Manual Integrations
APPROVED

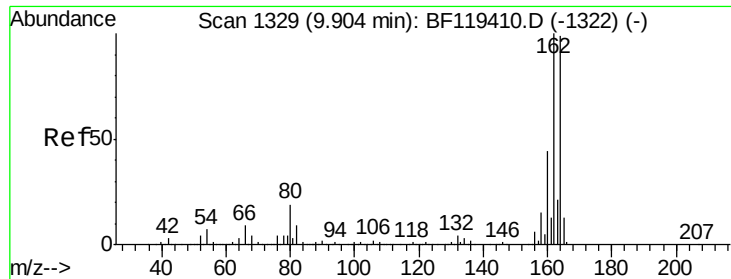
mohammad
3/30/2020 8:51:02 AM



#38
1-Methylnaphthalene
Concen: 49.379 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:142 Resp: 1858896
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
116 3.6 3.0 4.6





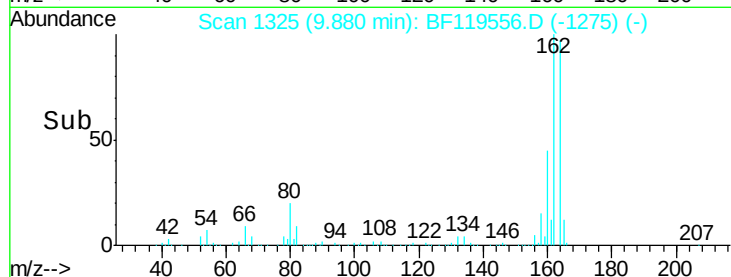
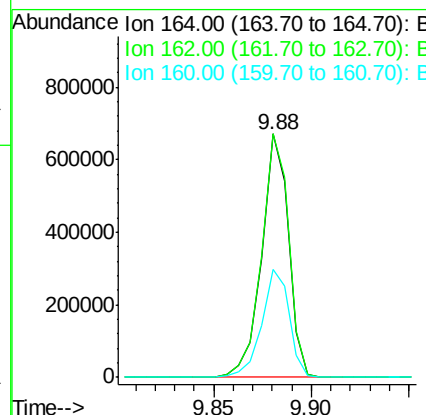
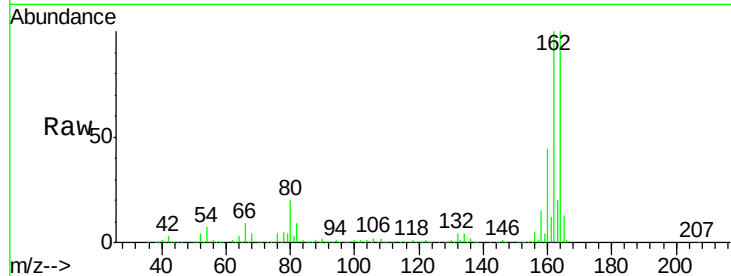
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	80.6	121.0	
160	44.4	35.7	53.5	

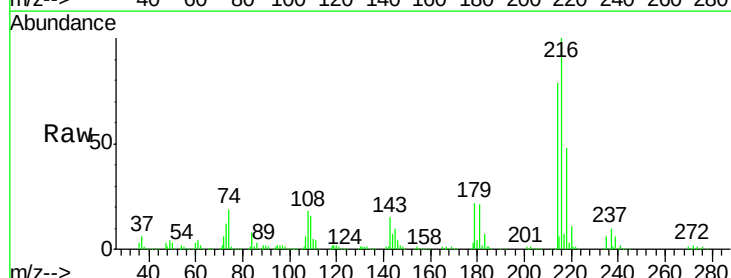
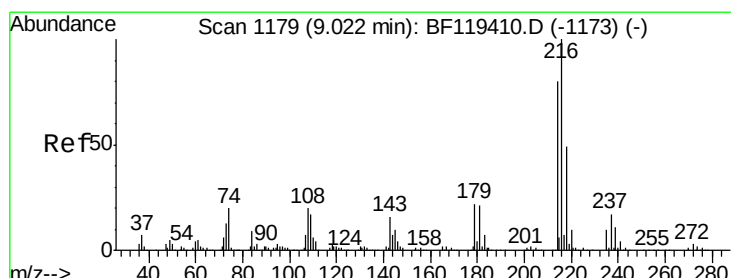
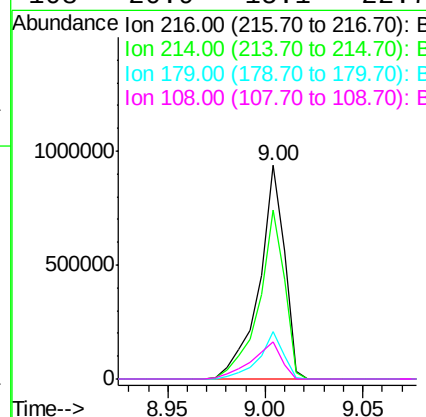
Manual Integrations
APPROVED

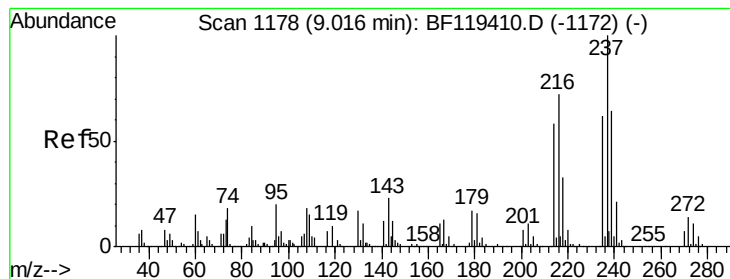
mohammad
3/30/2020 8:51:02 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.004 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	21.4	17.1	25.7	
108	20.9	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 94.775 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:237 Resp: 1011848

Ion Ratio Lower Upper

237 100

235 64.7 43.2 83.2

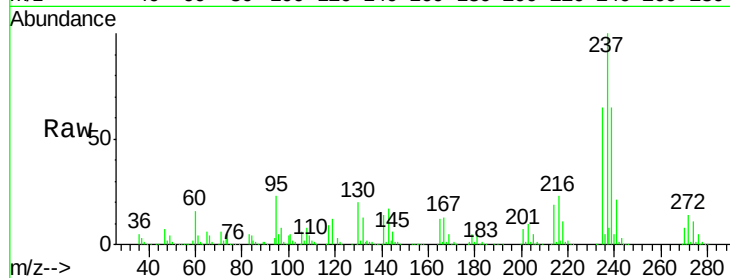
272 14.1 0.0 34.1

Manual Integrations

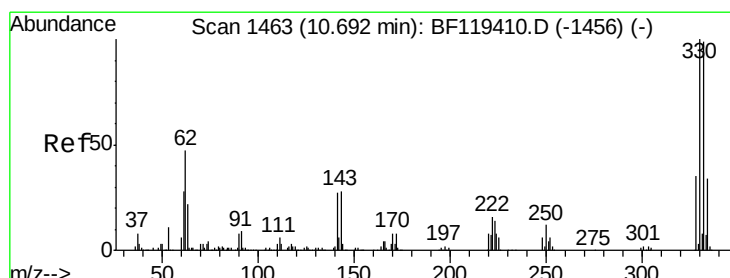
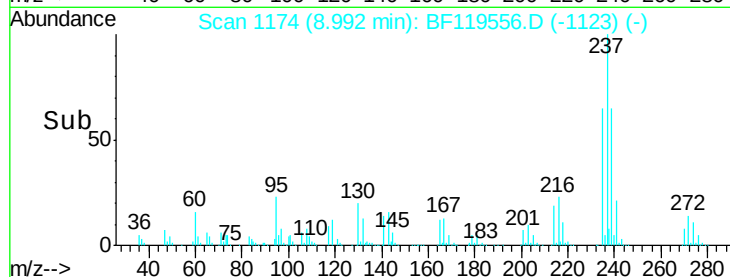
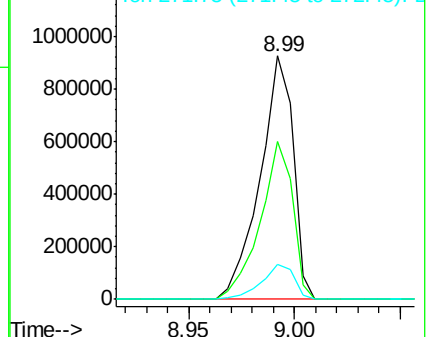
APPROVED

mohammad

3/30/2020 8:51:02 AM



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



#42

2,4,6-Tribromophenol

Concen: 136.303 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

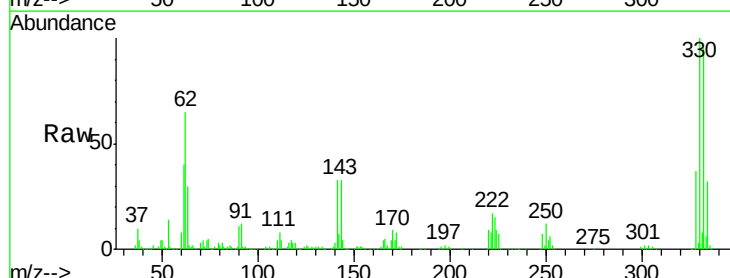
Tgt Ion:330 Resp: 900948

Ion Ratio Lower Upper

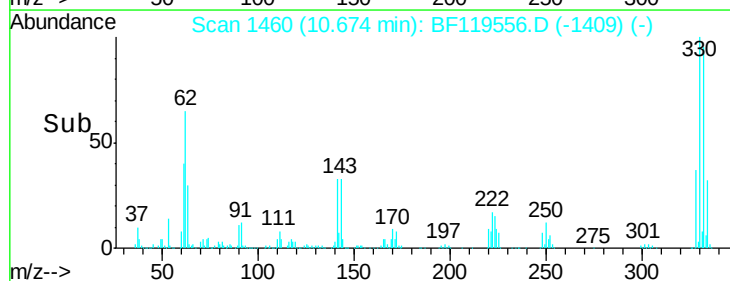
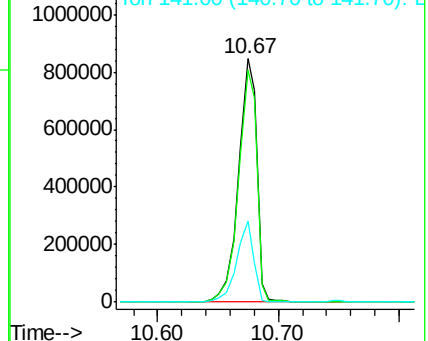
330 100

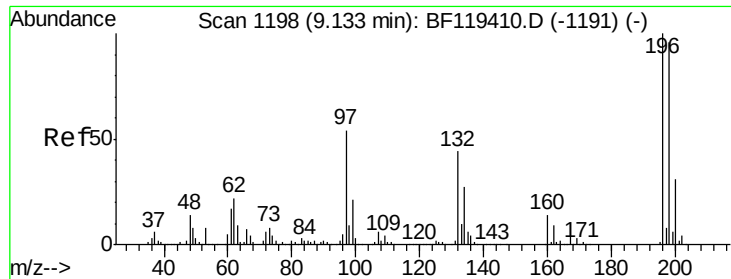
332 95.7 75.7 113.5

141 31.0 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





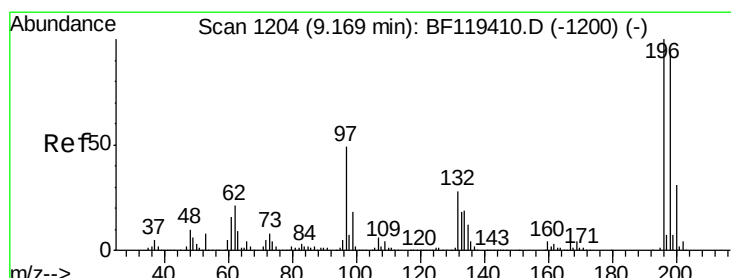
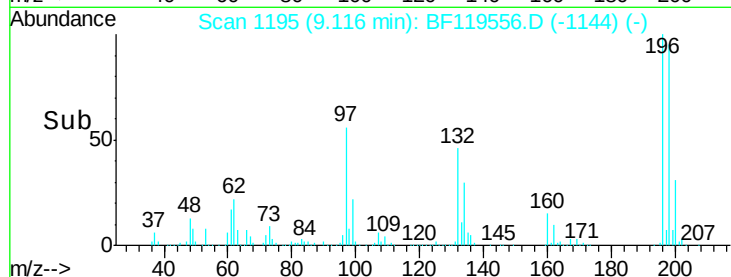
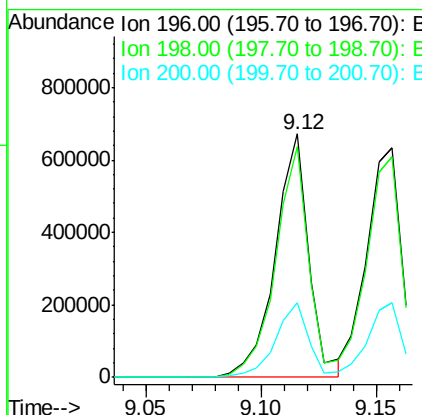
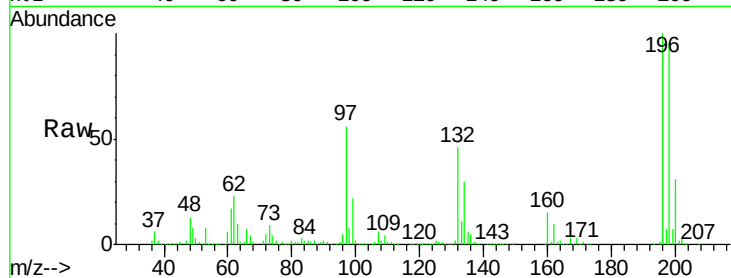
#43
 2,4,6-Trichlorophenol
 Concen: 50.212 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	674799		
198	94.6		76.6	115.0
200	30.7		24.6	36.8

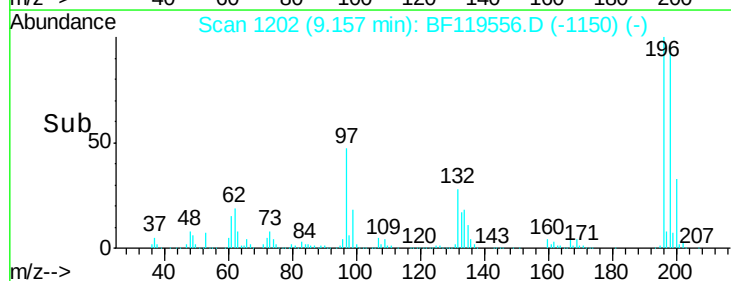
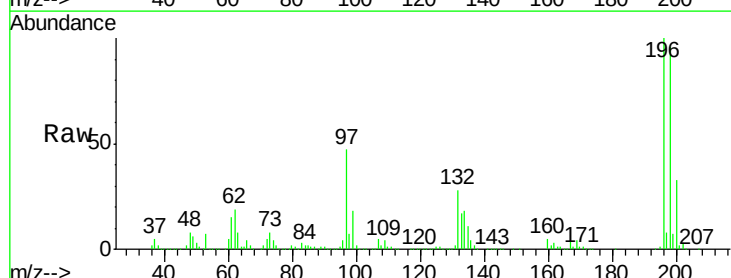
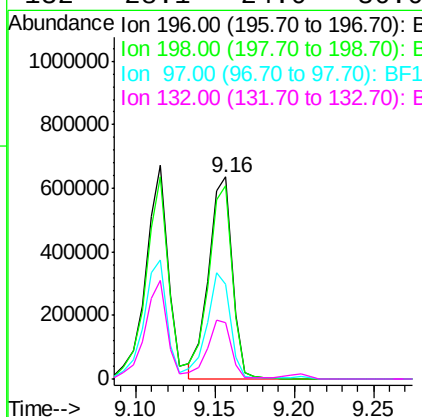
Manual Integrations
 APPROVED

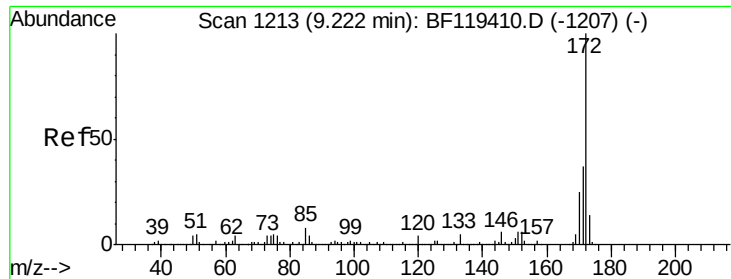
mohammad
 3/30/2020 8:51:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.228 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	665836		
198	95.9		73.8	110.8
97	46.9		42.6	63.8
132	28.1		24.0	36.0





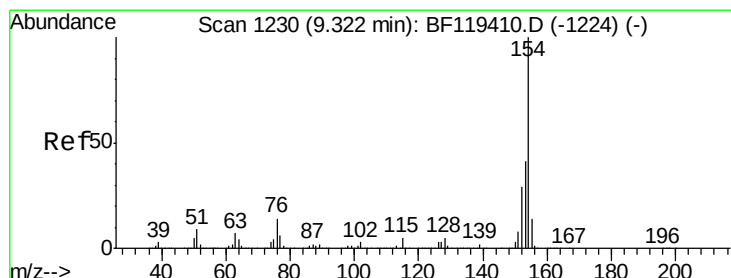
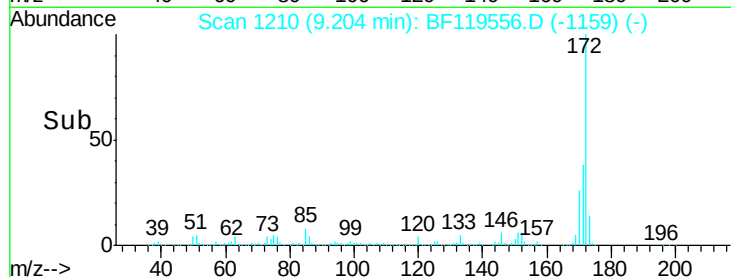
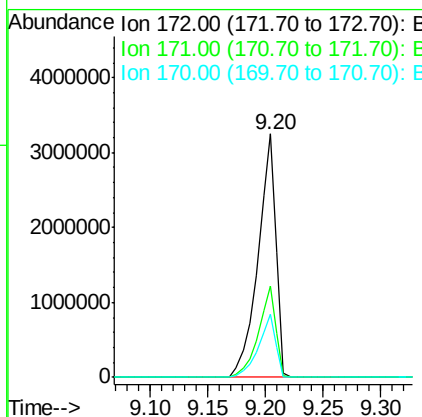
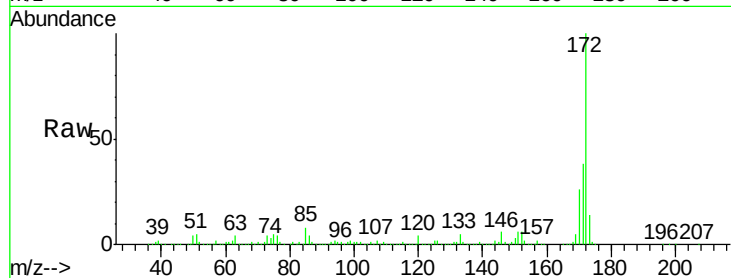
#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:172 Resp: 3516720
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 25.7 20.2 30.2

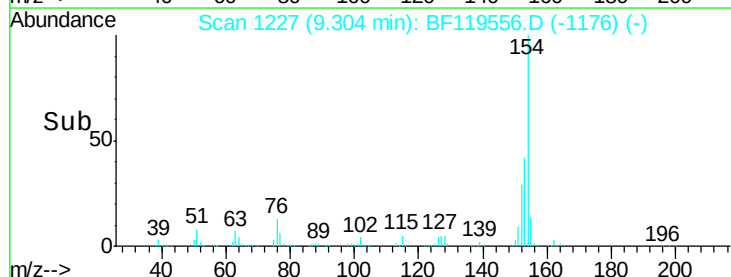
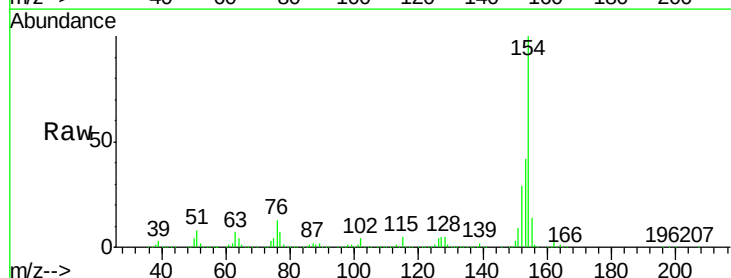
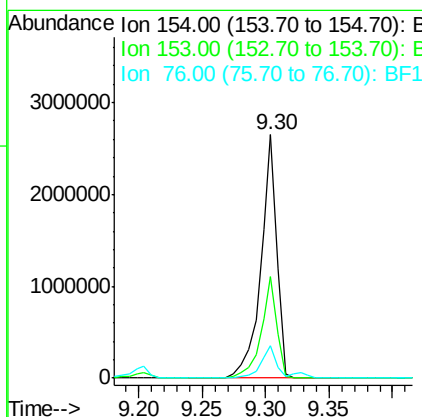
Manual Integrations
APPROVED

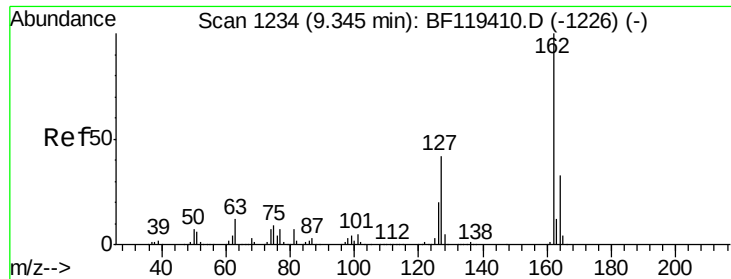
mohammad
3/30/2020 8:51:02 AM



#46
1,1'-Biphenyl
Concen: 44.890 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:154 Resp: 2342444
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 13.4 0.0 33.0





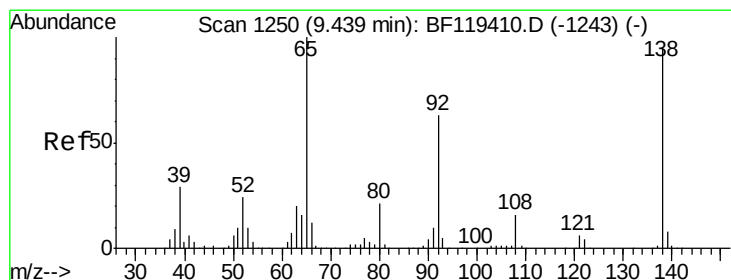
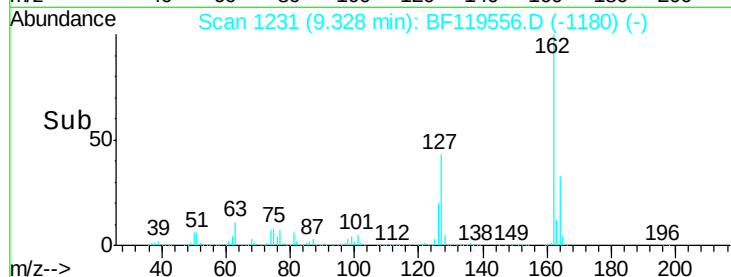
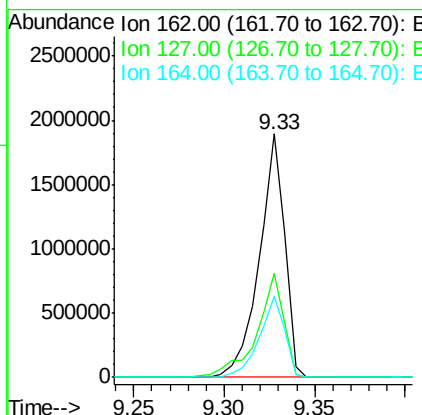
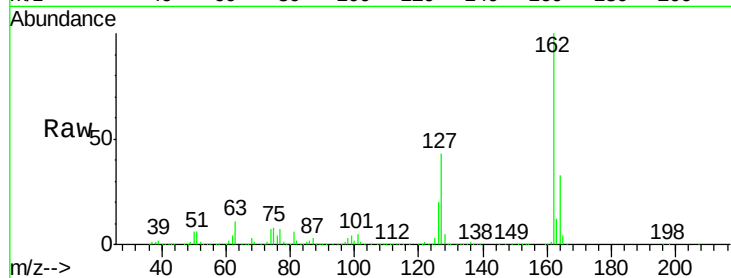
#47
 2-Chloronaphthalene
 Concen: 45.092 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.7	50.5
164	33.5	26.3	39.5

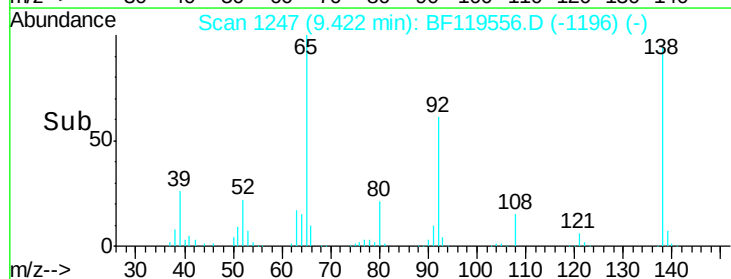
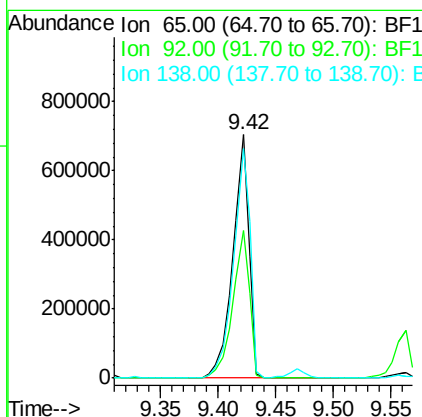
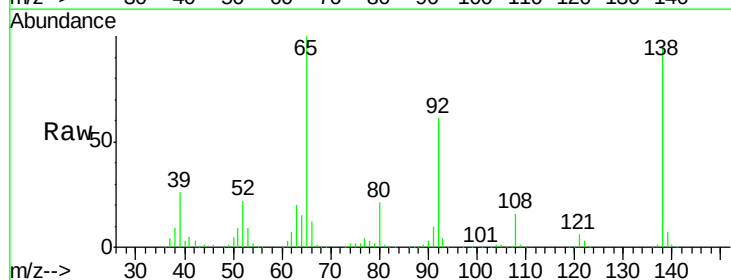
Manual Integrations
 APPROVED

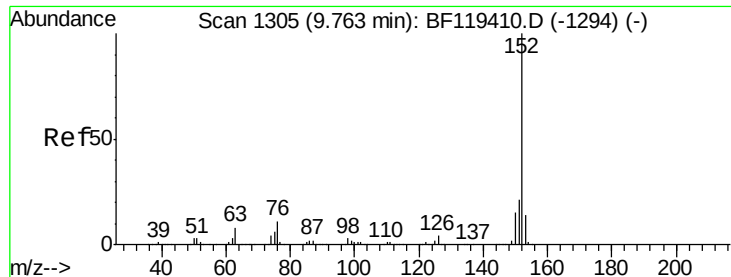
mohammad
 3/30/2020 8:51:02 AM



#48
 2-Nitroaniline
 Concen: 48.173 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	50.0	75.0
138	94.2	75.0	112.4





#49

Acenaphthylene

Concen: 44.789 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:152 Resp: 2874884

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

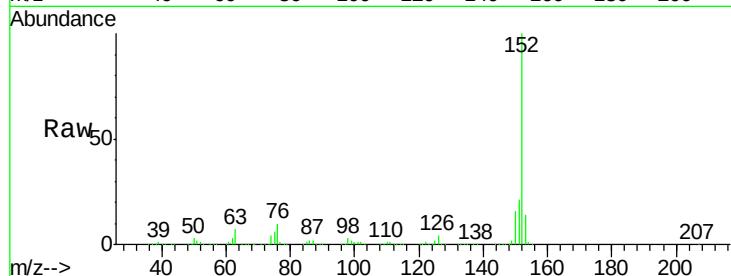
153 14.3 11.2 16.8

Manual Integrations

APPROVED

mohammad

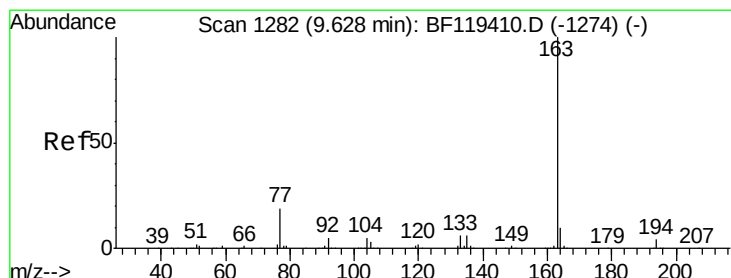
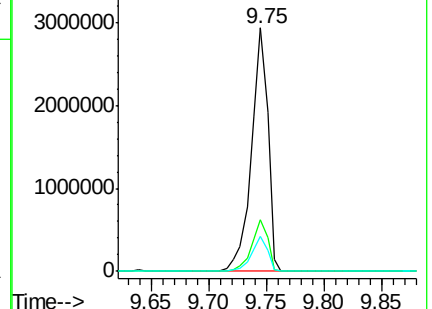
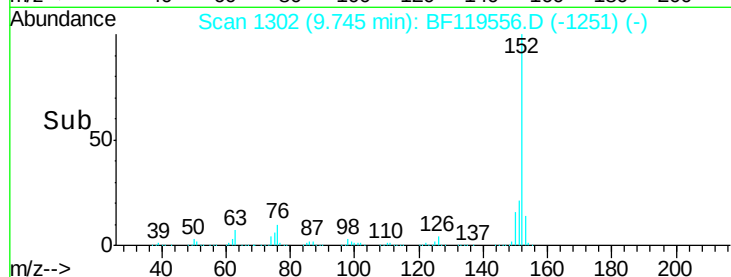
3/30/2020 8:51:02 AM



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: 51.524 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

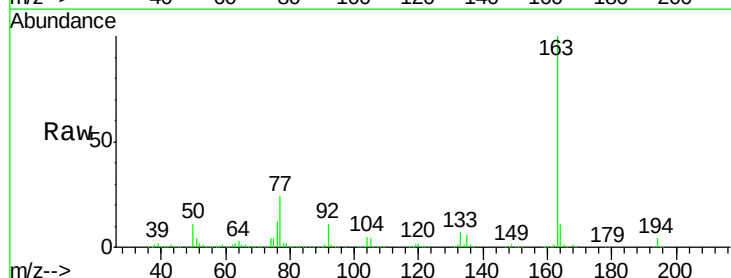
Tgt Ion:163 Resp: 2344831

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

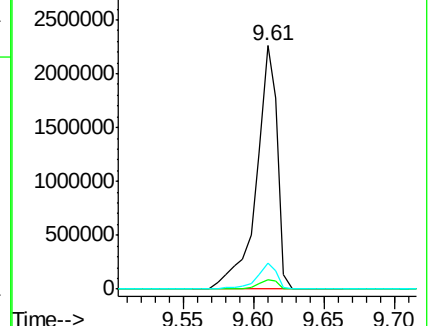
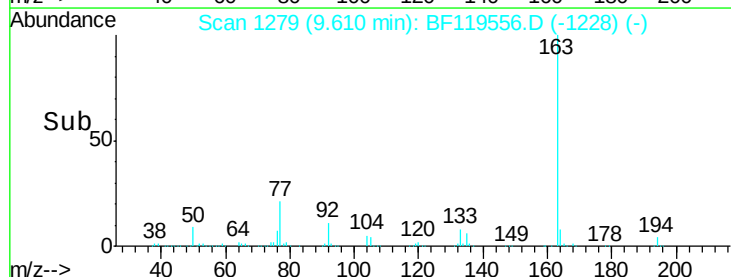
164 10.8 8.2 12.2

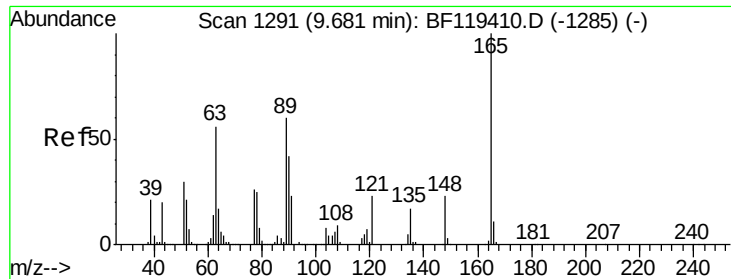


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.063 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

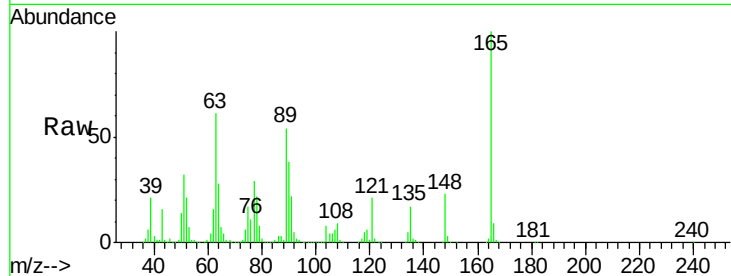
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:	165	Resp:	498097
Ion Ratio	Lower	Upper	
165	100		
63	61.2	45.0	67.4
89	54.5	41.5	62.3

Manual Integrations
APPROVED

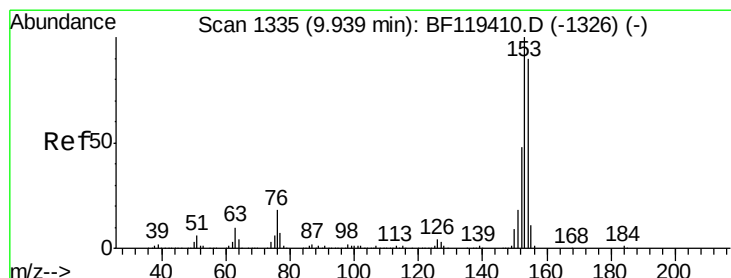
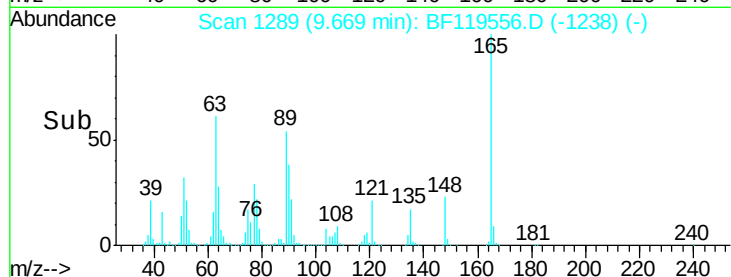
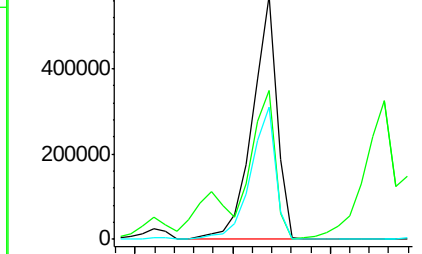
mohammad
3/30/2020 8:51:02 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 50.341 ng

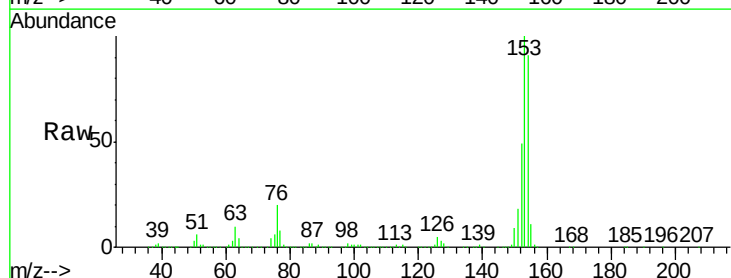
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

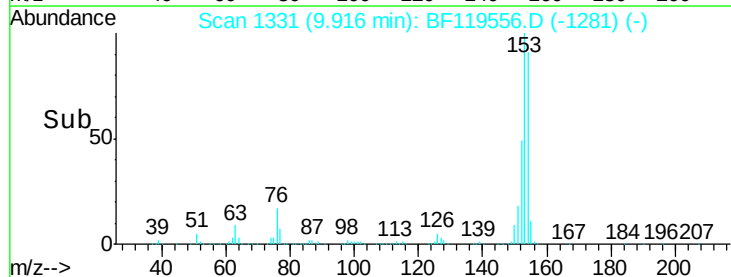
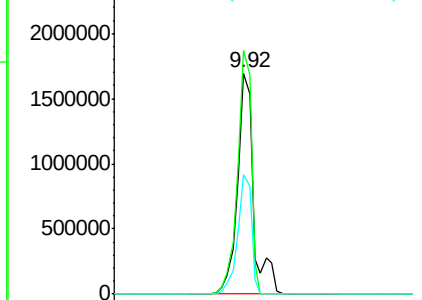
Tgt Ion:	154	Resp:	2014431
Ion Ratio	Lower	Upper	
154	100		
153	110.2	88.1	132.1
152	54.4	43.0	64.4

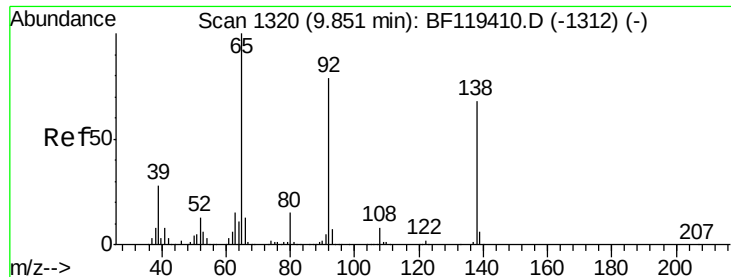


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





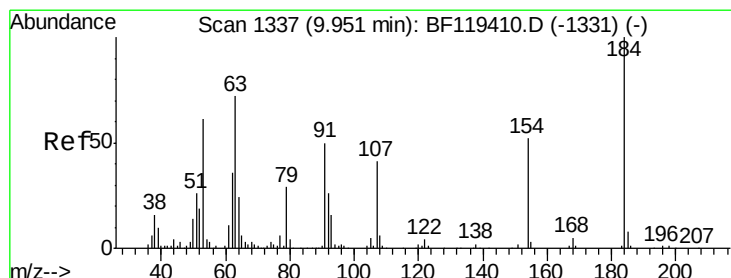
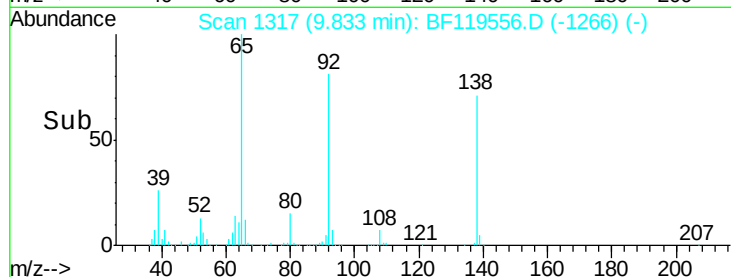
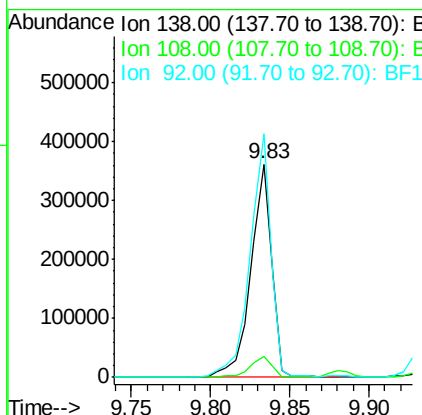
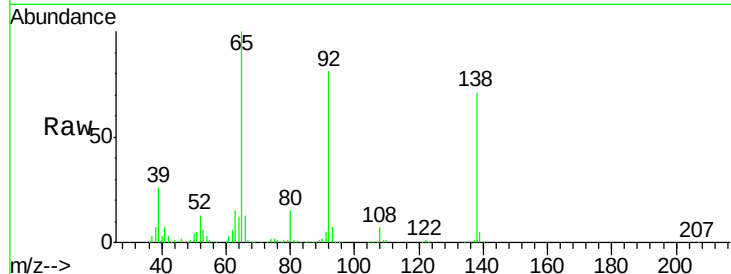
#53
3-Nitroaniline
Concen: 26.759 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	329537		
108	9.6	8.6	13.0	
92	114.3	95.4	143.0	

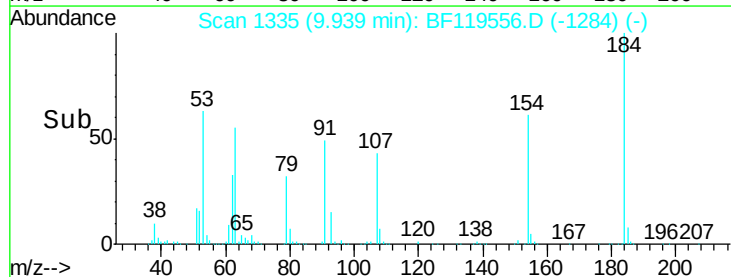
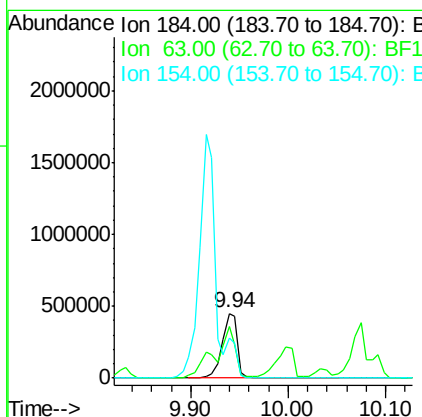
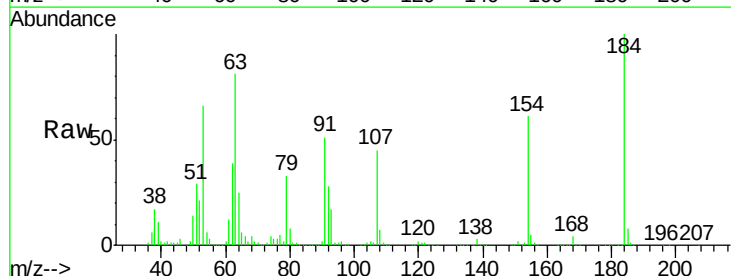
Manual Integrations
APPROVED

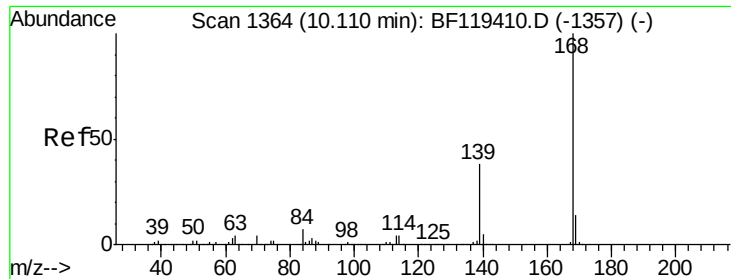
mohammad
3/30/2020 8:51:02 AM



#54
2,4-Dinitrophenol
Concen: 110.421 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	478914		
63	80.6	50.2	75.4#	
154	61.4	44.5	66.7	





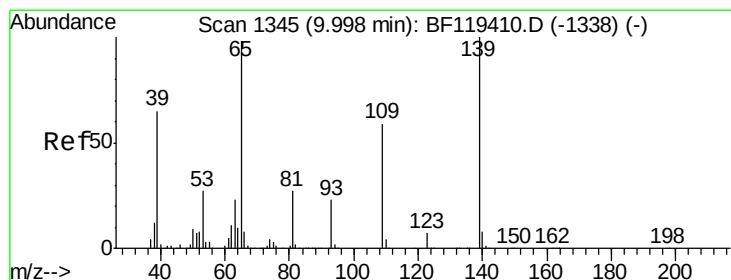
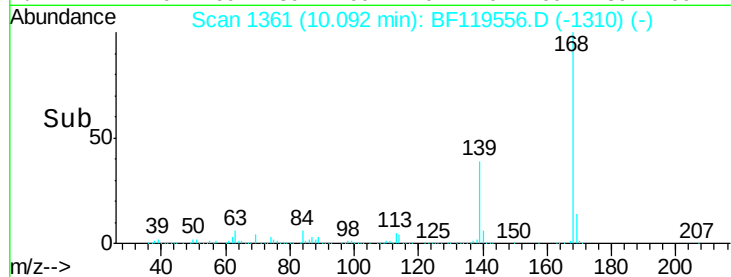
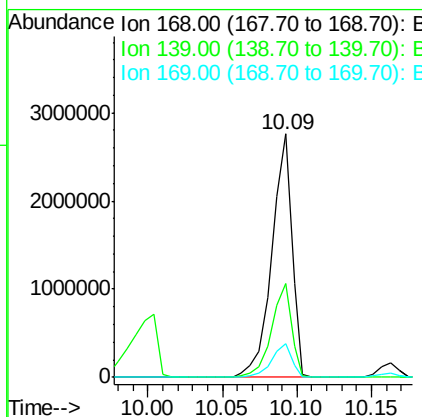
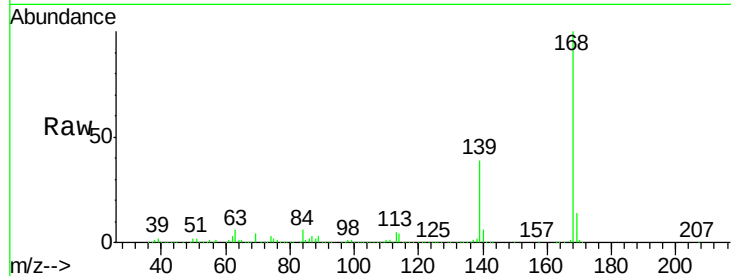
#55
Dibenzofuran
Concen: 45.002 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:168 Resp: 2581860
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.1 11.0 16.6

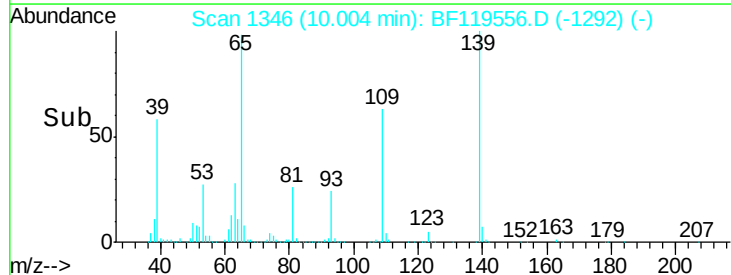
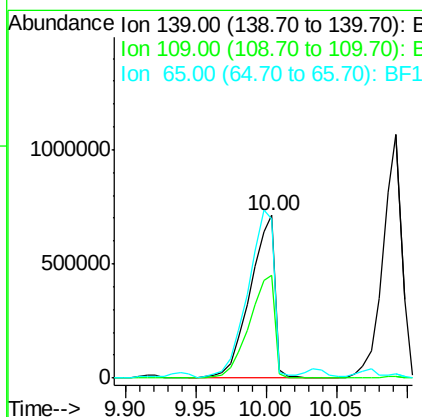
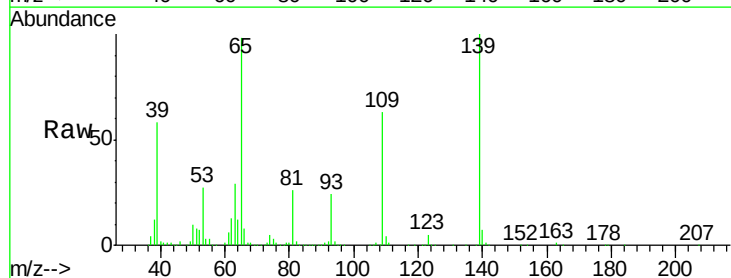
Manual Integrations
APPROVED

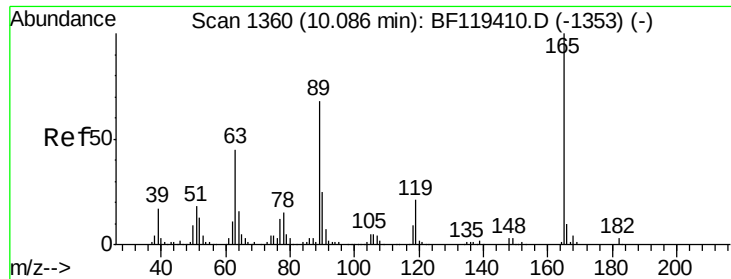
mohammad
3/30/2020 8:51:02 AM



#56
4-Nitrophenol
Concen: 90.153 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:139 Resp: 875837
Ion Ratio Lower Upper
139 100
109 63.0 43.3 83.3
65 97.7 91.0 131.0





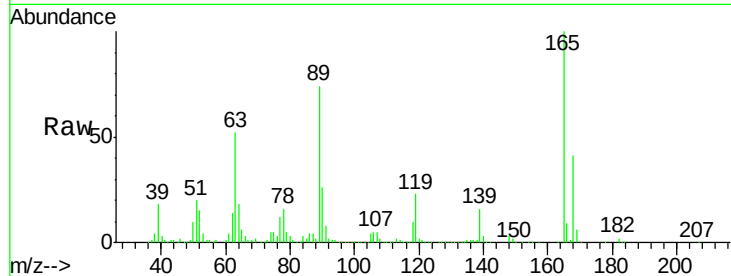
#57
 2,4-Dinitrotoluene
 Concen: 53.369 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	655811		
63	52.5	42.6	64.0	
89	74.3	61.0	91.4	
182	2.5	2.2	3.2	

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:02 AM

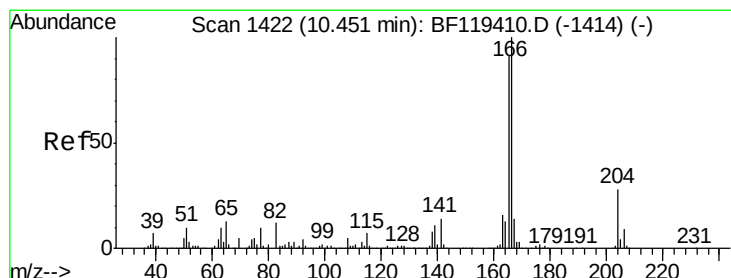
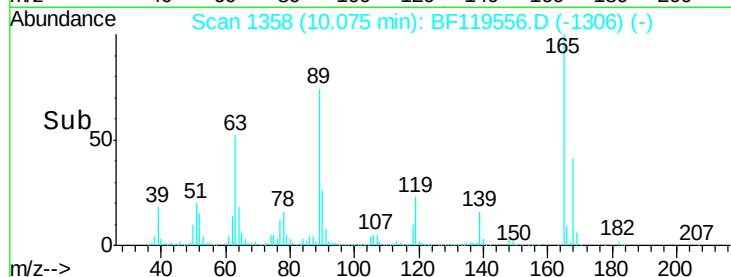
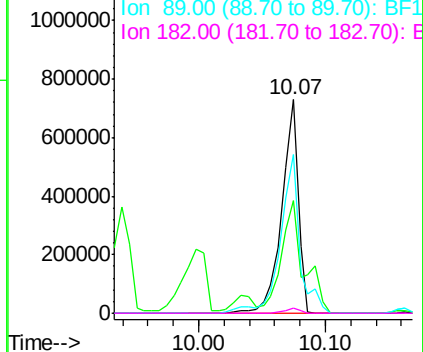


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

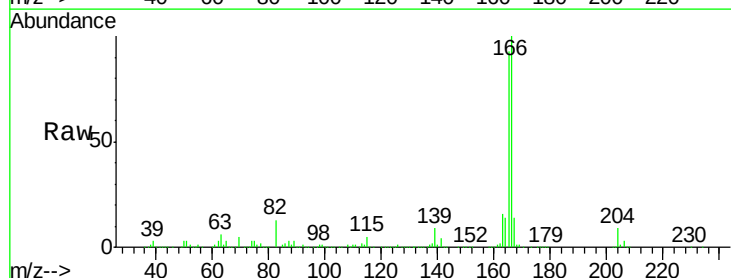
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.087 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

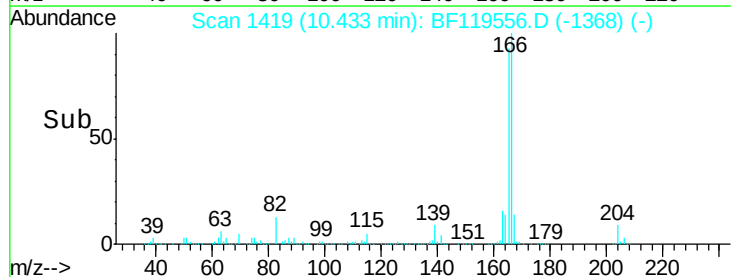
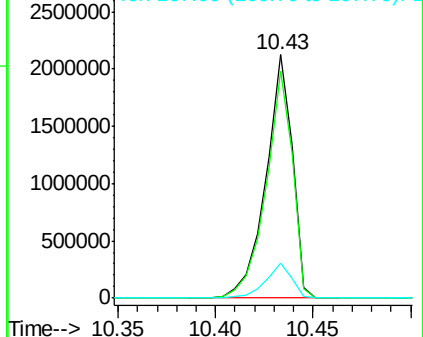
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1997708		
165	93.4	75.4	113.2	
167	14.3	11.2	16.8	

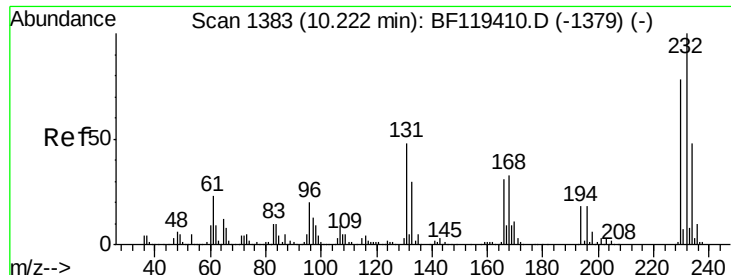


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





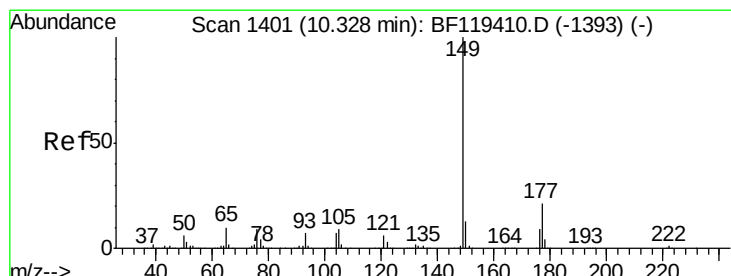
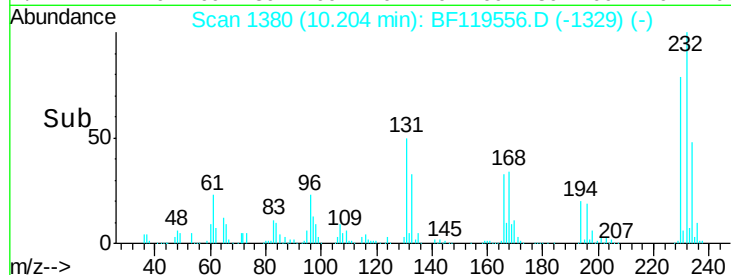
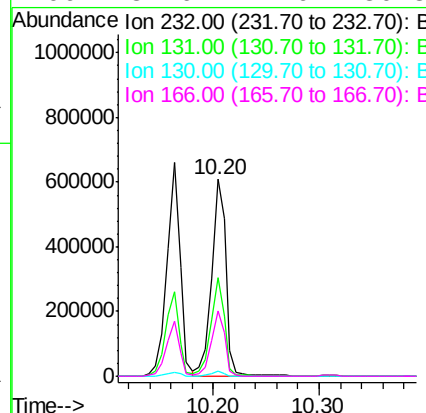
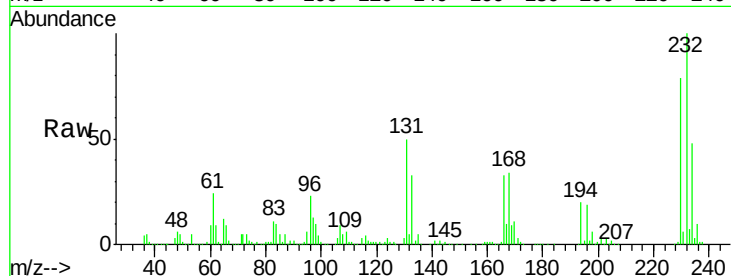
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.044 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.5	56.3
130	2.3	1.8	2.6
166	31.6	24.6	36.8

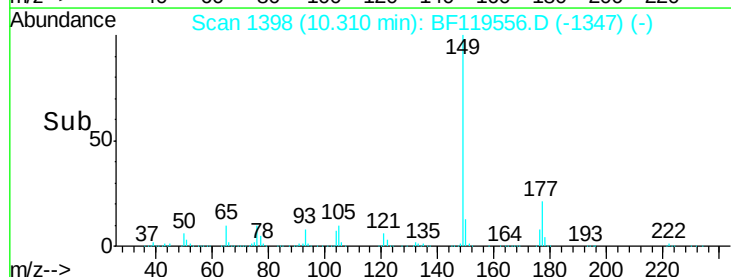
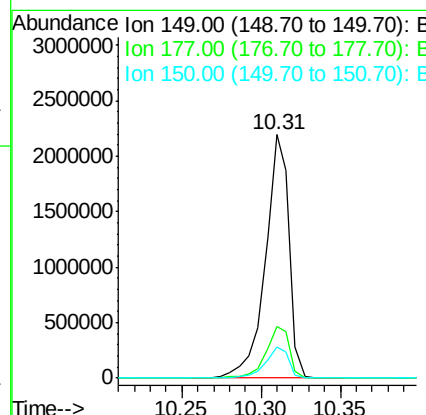
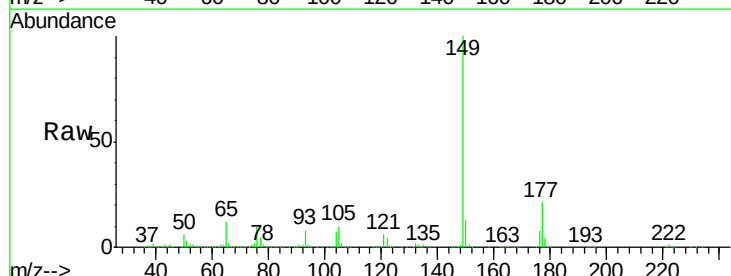
Manual Integrations
 APPROVED

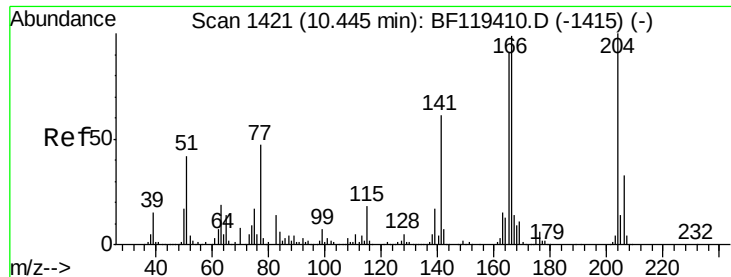
mohammad
 3/30/2020 8:51:02 AM



#60
 Diethylphthalate
 Concen: 49.155 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.0	10.1	15.1





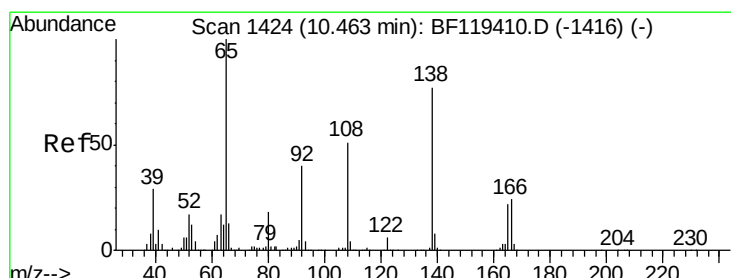
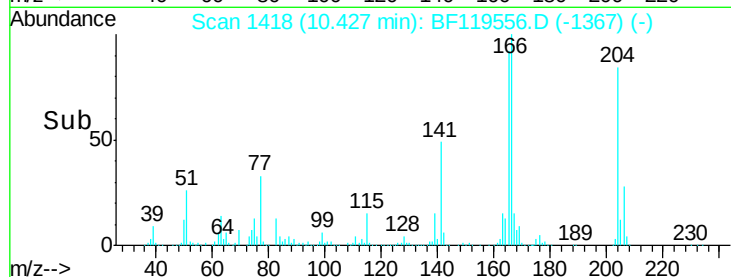
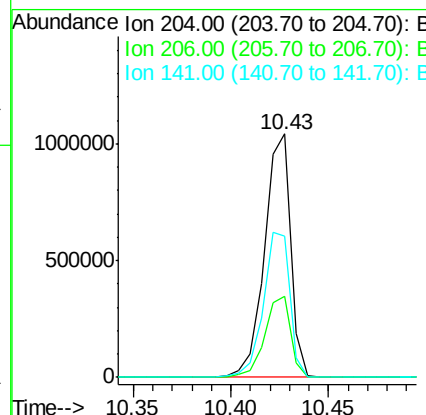
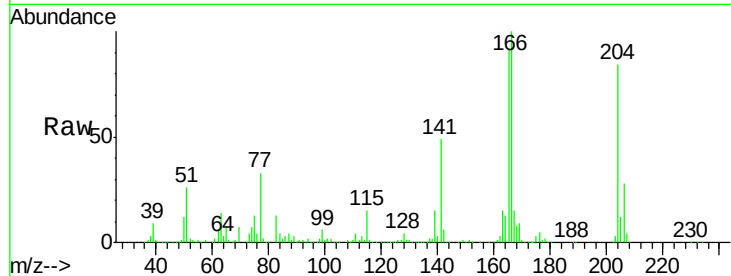
#61
4-Chlorophenyl-phenylether
Concen: 46.444 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	57.9	47.3	70.9

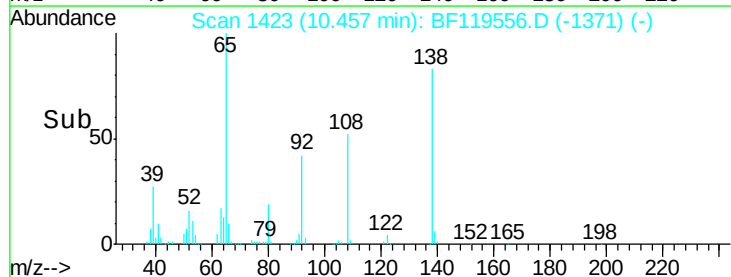
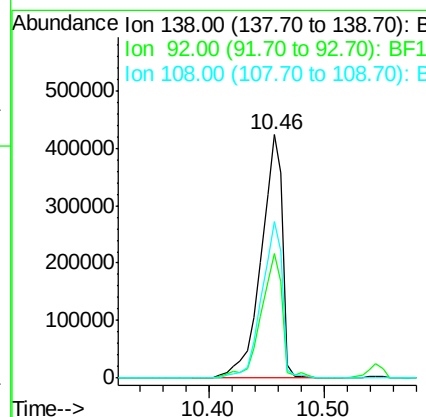
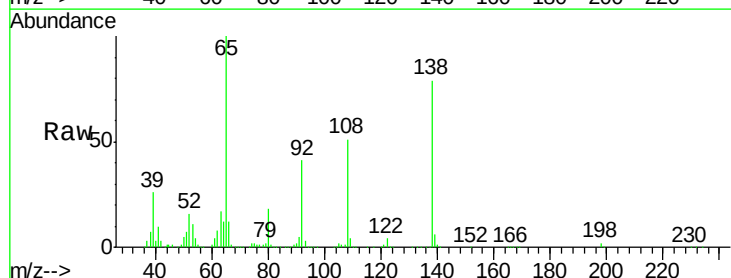
Manual Integrations
APPROVED

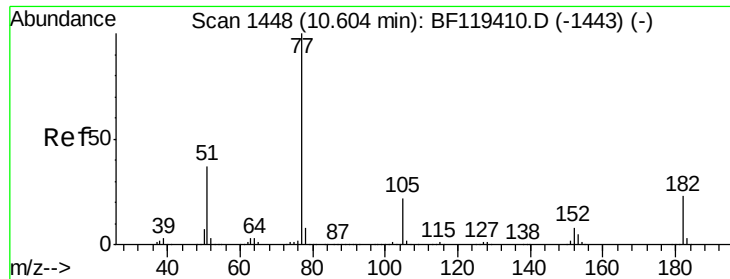
mohammad
3/30/2020 8:51:02 AM



#62
4-Nitroaniline
Concen: 46.553 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.5	71.5
108	64.5	45.8	85.8





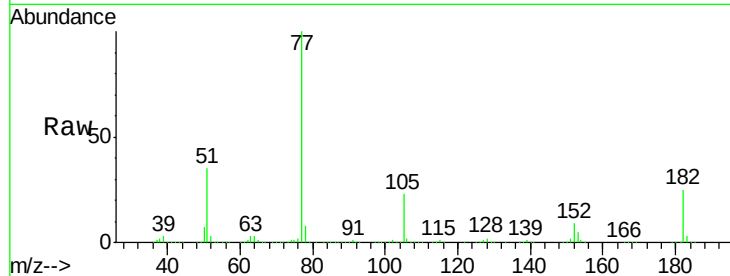
#63
Azobenzene
Concen: 46.025 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

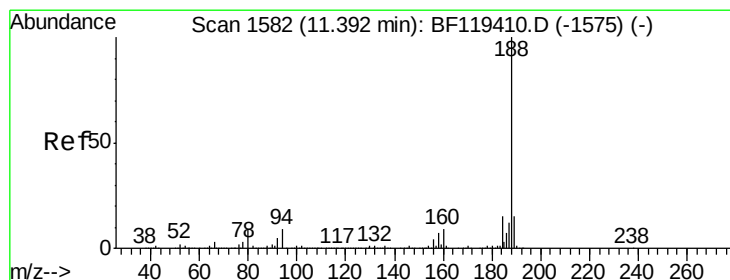
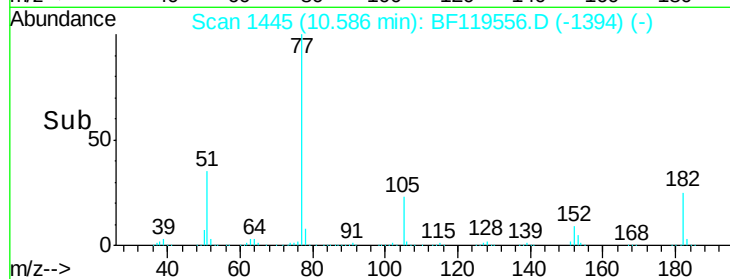
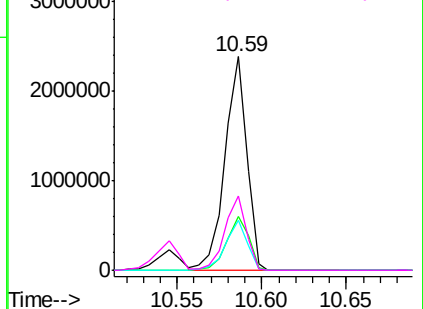
Tot Ion: 77 Resp: 2140779
Ion Ratio Lower Upper
77 100
182 25.3 4.4 44.4
105 23.1 2.6 42.6
51 34.7 15.1 55.1

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:02 AM

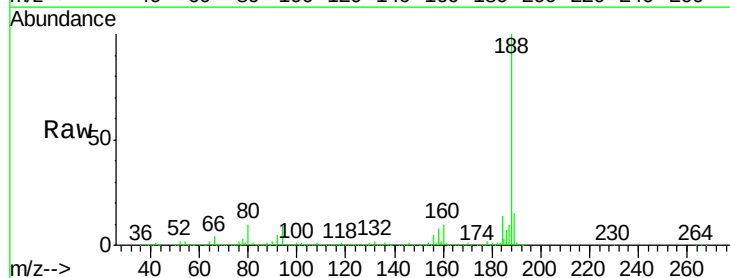


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

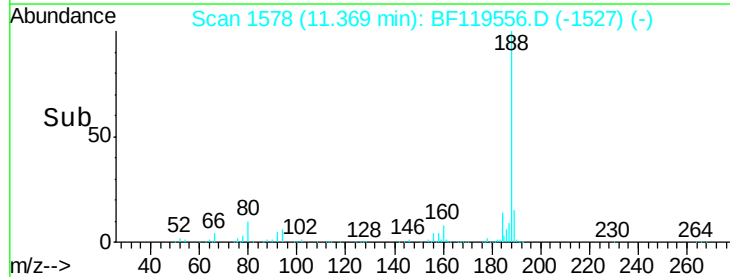
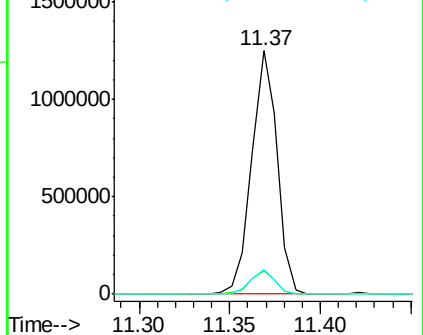


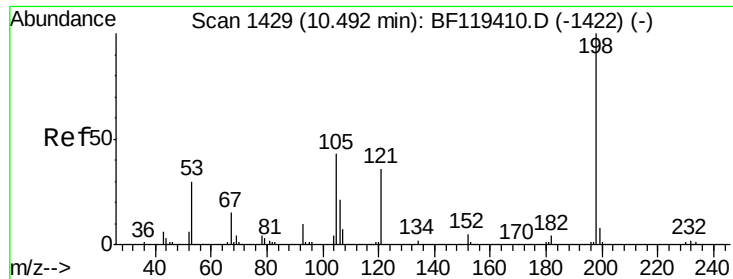
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 188 Resp: 1218050
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 9.0 13.4



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





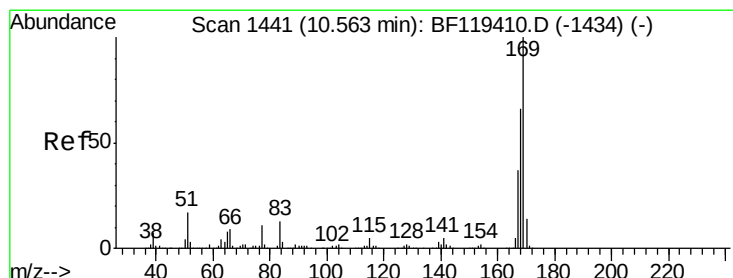
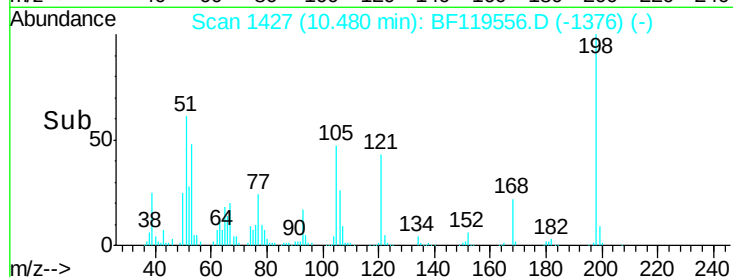
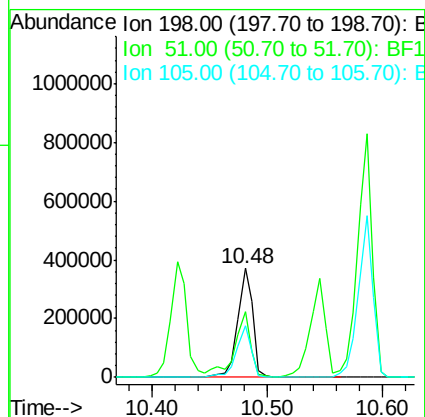
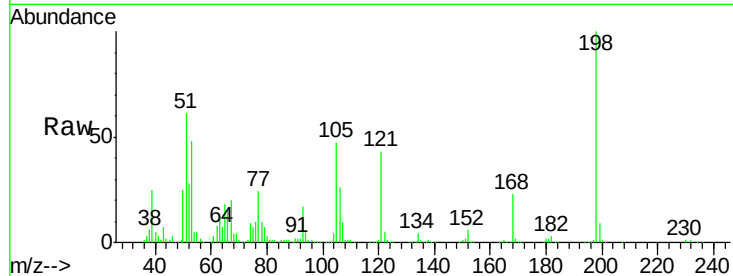
#65
4,6-Dinitro-2-methylphenol
Concen: 65.501 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	334555		
51	60.8	29.0	69.0	
105	47.1	22.2	62.2	

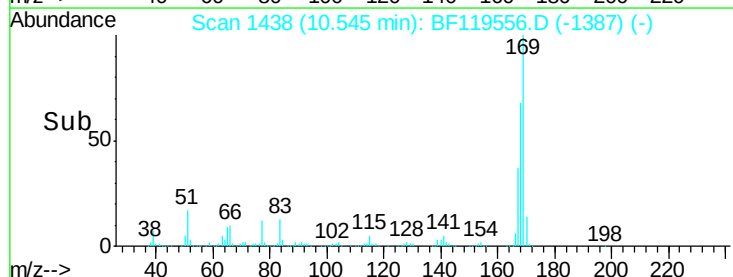
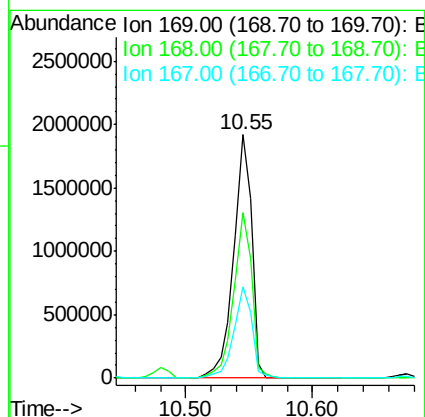
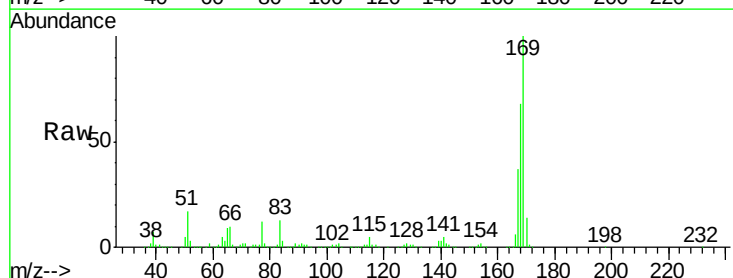
Manual Integrations
APPROVED

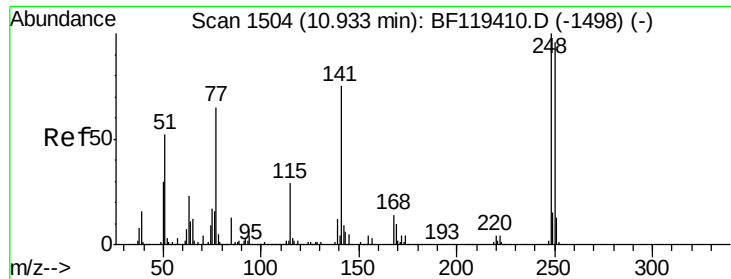
mohammad
3/30/2020 8:51:02 AM



#66
n-Nitrosodiphenylamine
Concen: 46.818 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1872081		
168	67.8	53.2	79.8	
167	37.5	29.1	43.7	





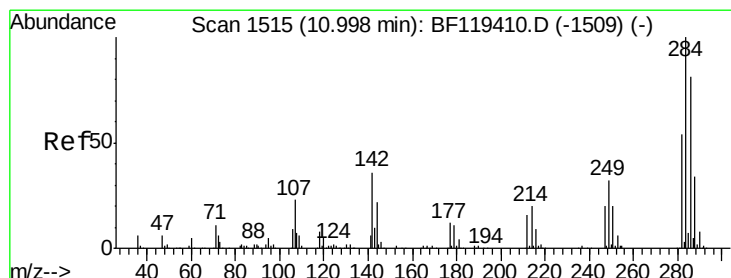
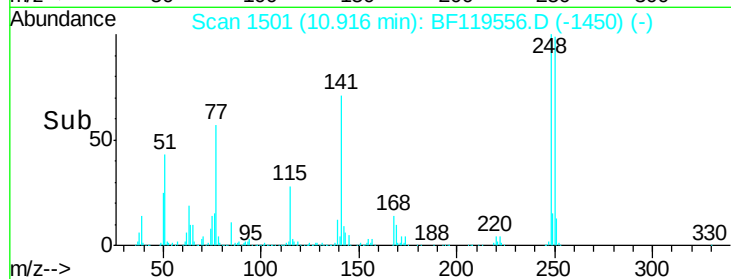
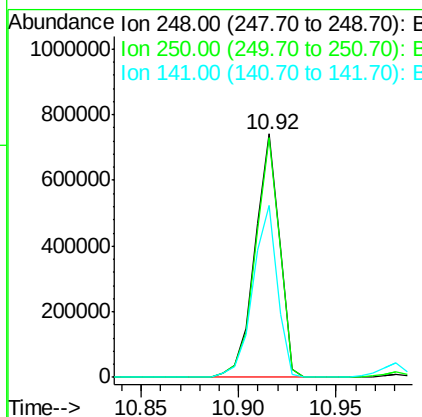
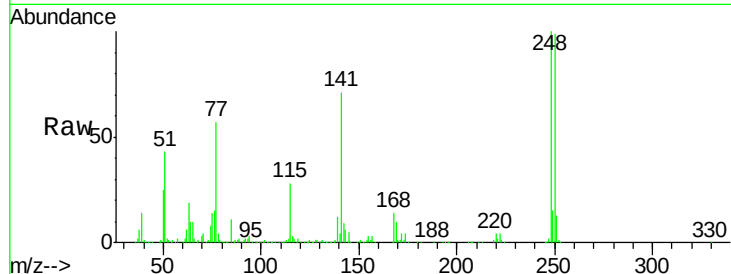
#67
 4-Bromophenyl-phenylether
 Concen: 46.659 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:	248	Resp:	647249
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.3	115.9
141	70.7	58.6	87.8

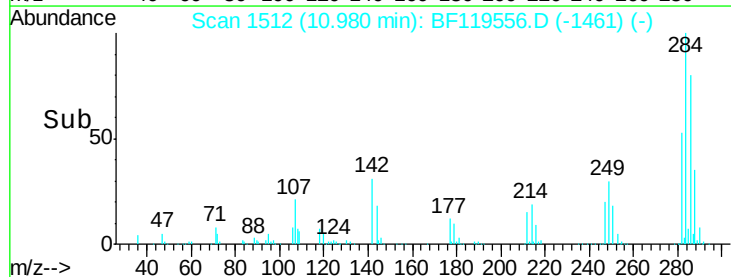
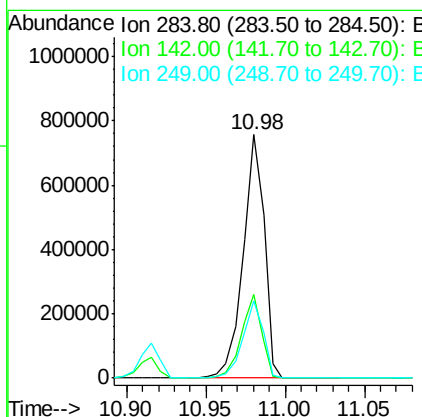
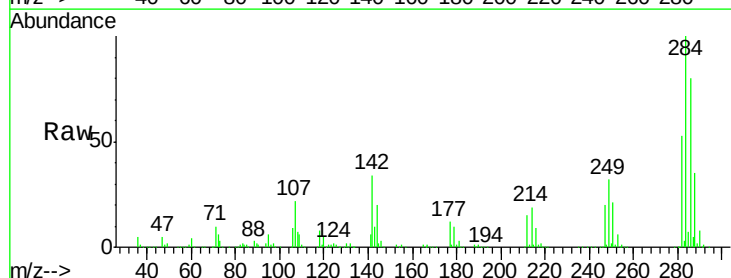
Manual Integrations
 APPROVED

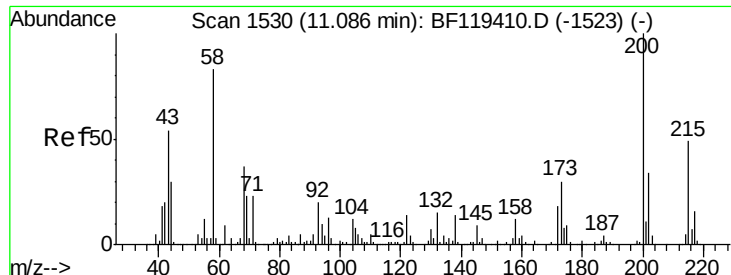
mohammad
 3/30/2020 8:51:02 AM



#68
 Hexachlorobenzene
 Concen: 48.740 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:	284	Resp:	691997
Ion Ratio	Lower	Upper	
284	100		
142	34.2	29.2	43.8
249	31.8	25.1	37.7





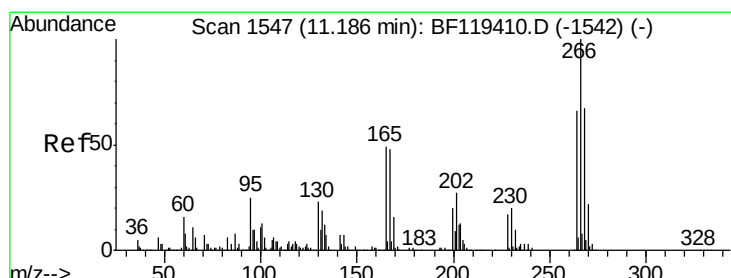
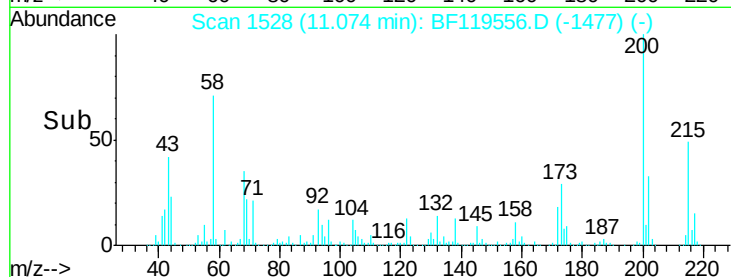
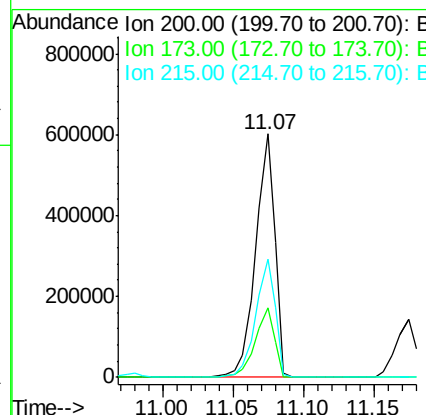
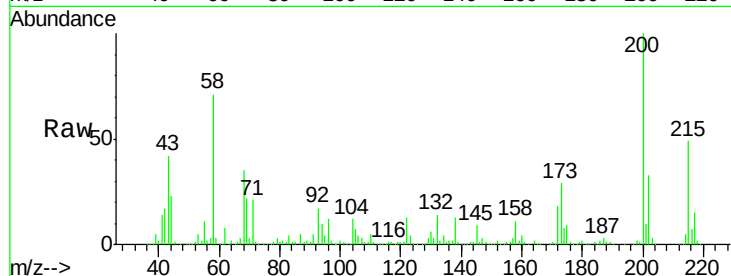
#69
Atrazine
Concen: 53.003 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.7	9.3	49.3
215	48.7	29.5	69.5

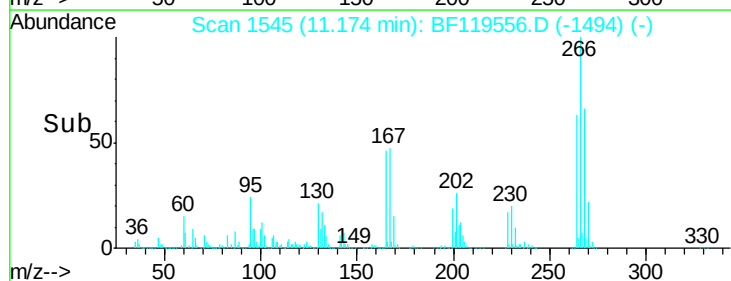
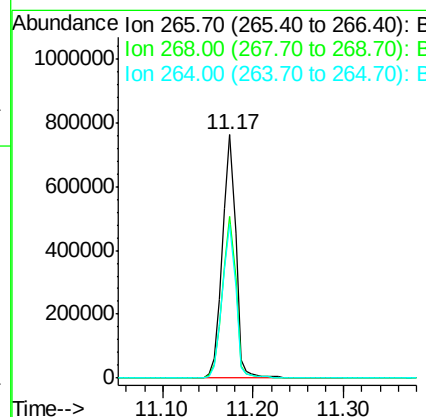
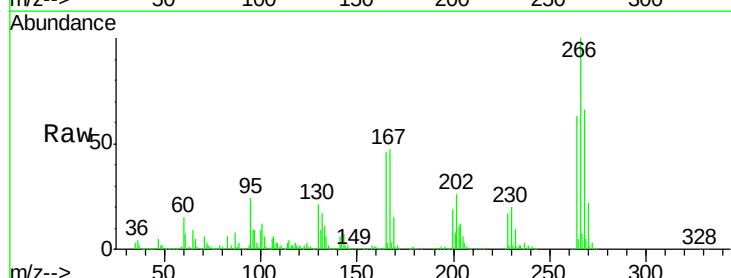
Manual Integrations
APPROVED

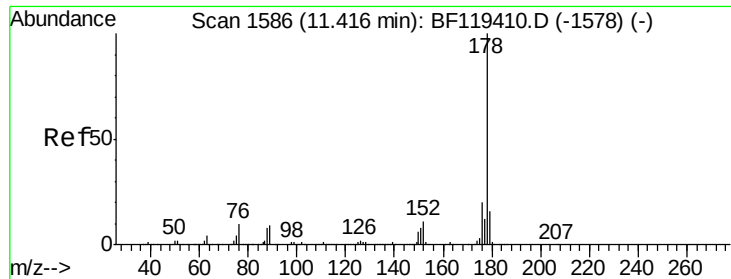
mohammad
3/30/2020 8:51:02 AM



#70
Pentachlorophenol
Concen: 93.758 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.4	53.3	79.9
264	63.4	49.0	73.4





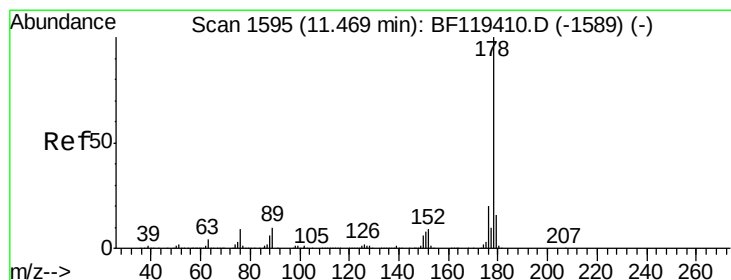
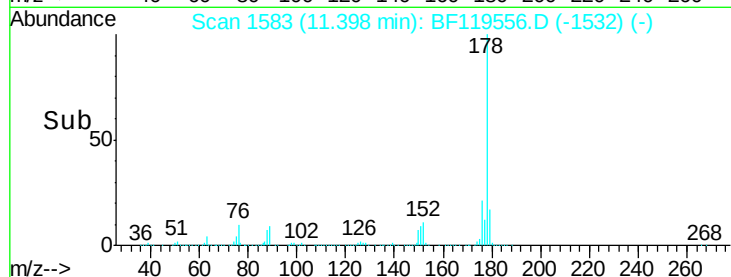
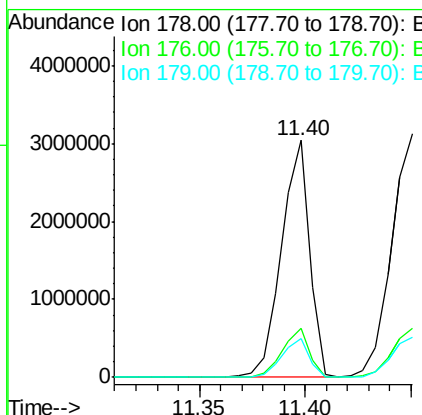
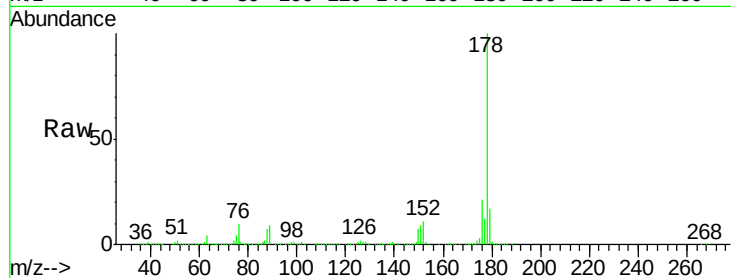
#71
Phenanthrene
Concen: 44.843 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:178 Resp: 2832273
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.6 13.2 19.8

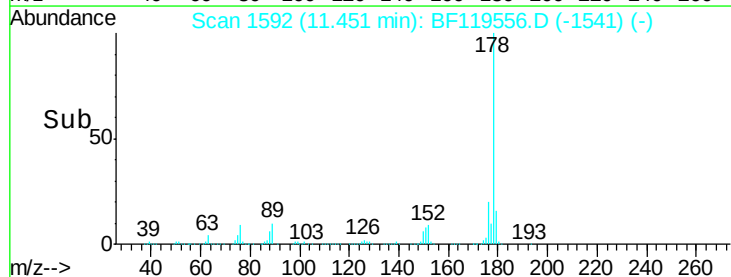
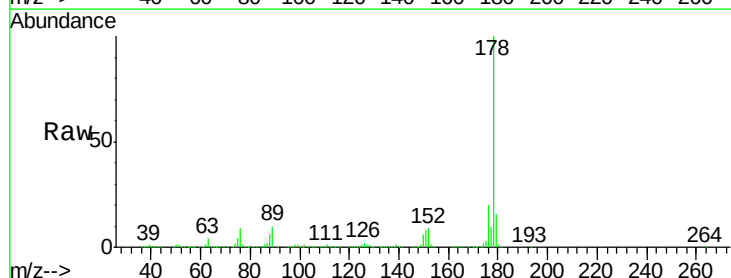
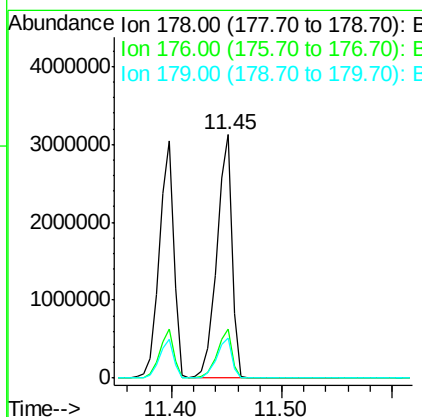
Manual Integrations
APPROVED

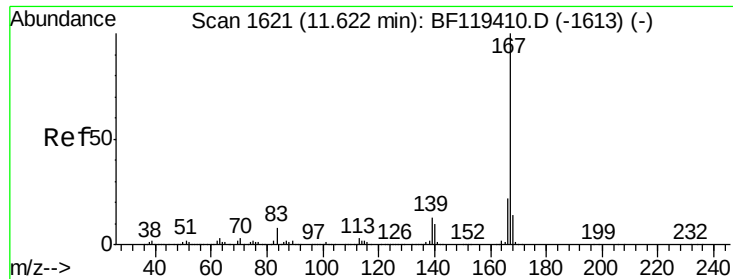
mohammad
3/30/2020 8:51:02 AM



#72
Anthracene
Concen: 46.041 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:178 Resp: 2955446
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.5 13.0 19.4





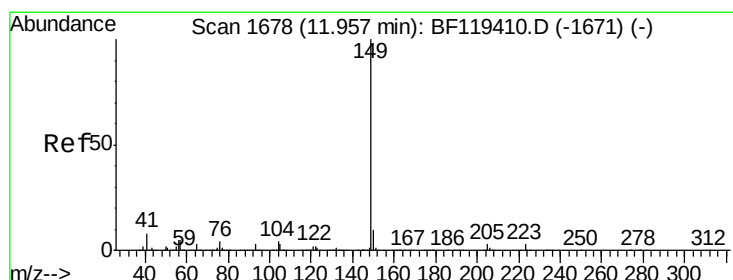
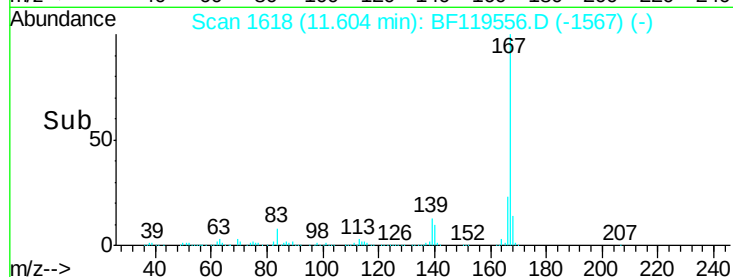
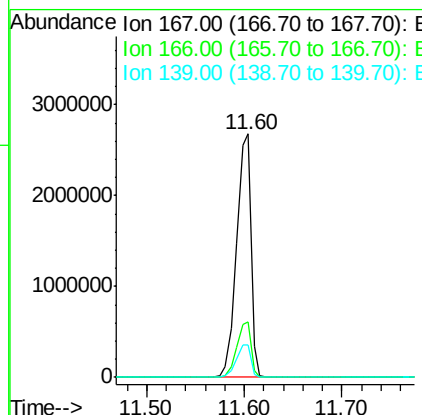
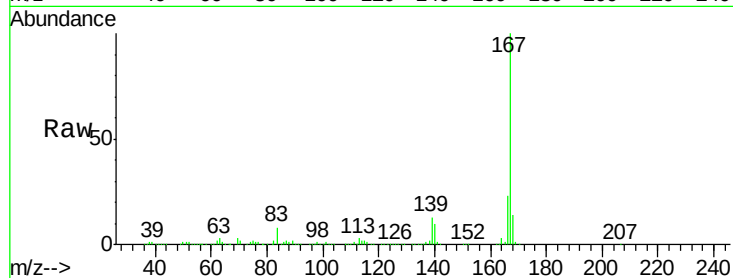
#73
 Carbazole
 Concen: 43.332 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:167 Resp: 2753167
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.1 10.7 16.1

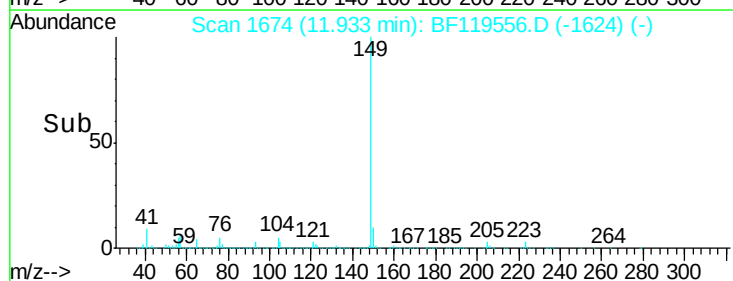
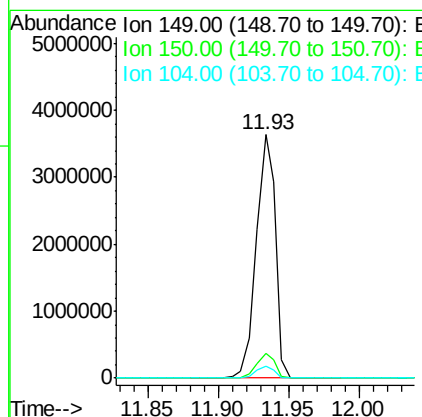
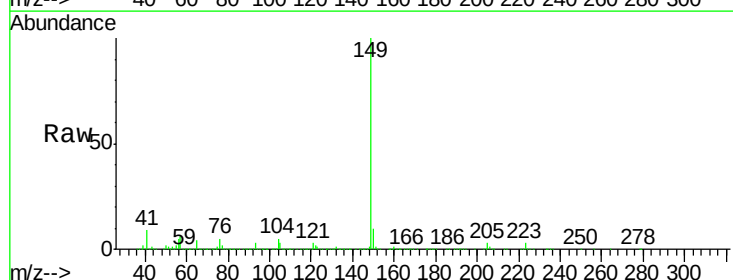
Manual Integrations
 APPROVED

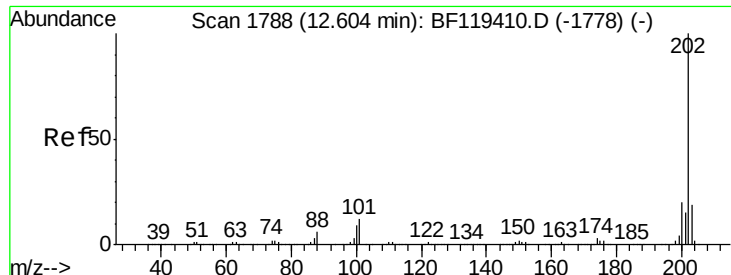
mohammad
 3/30/2020 8:51:02 AM



#74
 Di-n-butylphthalate
 Concen: 50.963 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:149 Resp: 3463807
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.1 3.6 5.4





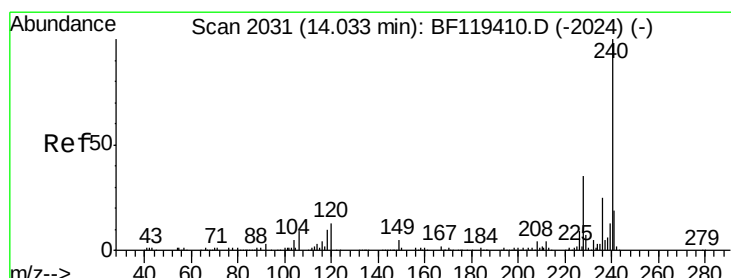
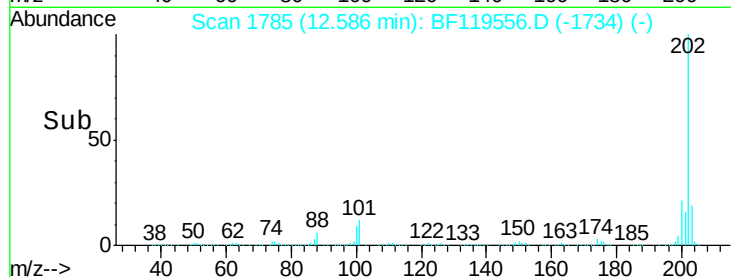
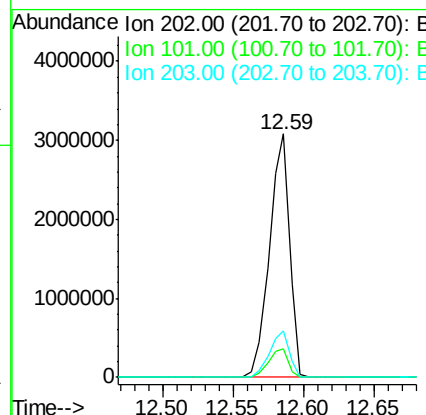
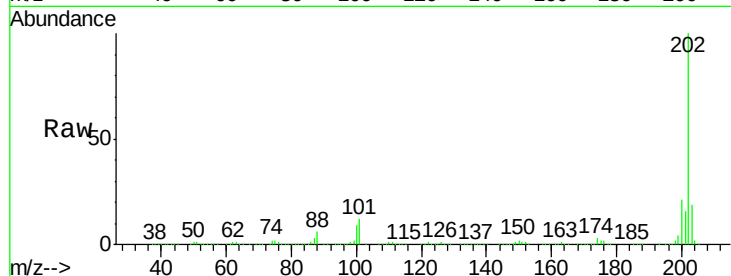
#75
Fluoranthene
Concen: 45.457 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.2
203	19.0	0.0	38.8

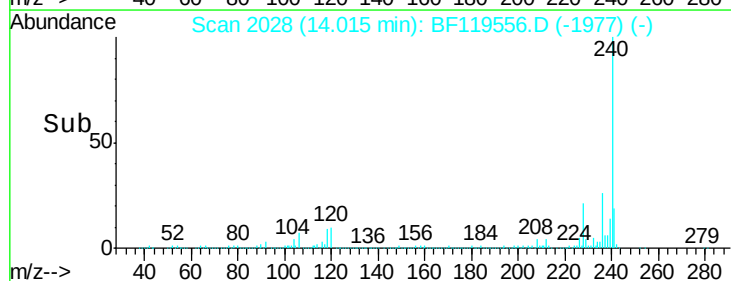
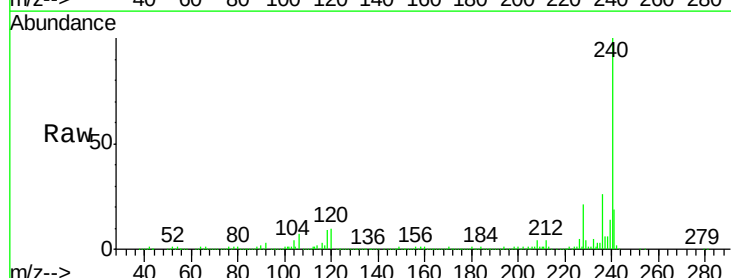
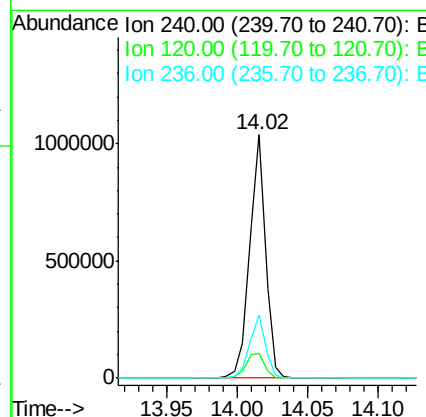
Manual Integrations
APPROVED

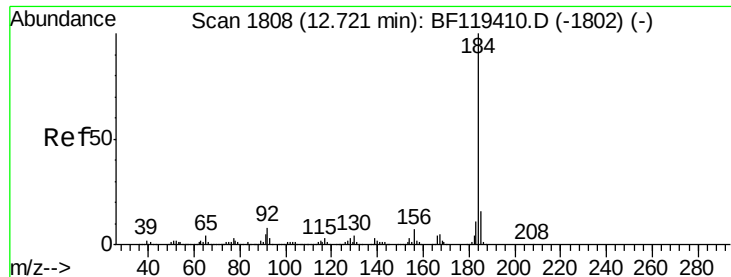
mohammad
3/30/2020 8:51:02 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.6	15.8#
236	26.0	20.2	30.2





#77

Benzidine

Concen: 44.866 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:184 Resp: 1552893

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

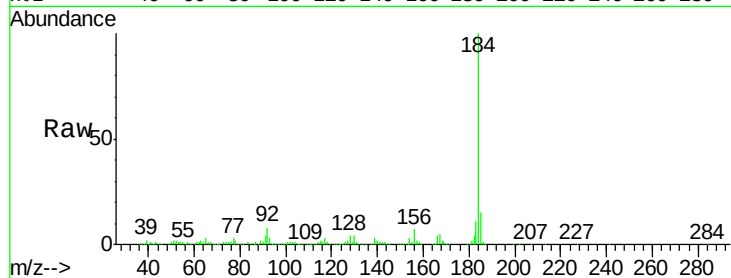
183 11.4 9.0 13.6

Manual Integrations

APPROVED

mohammad

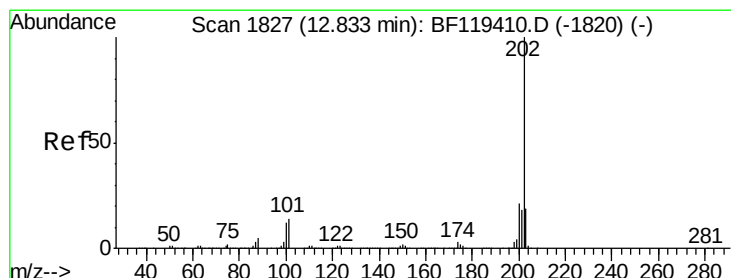
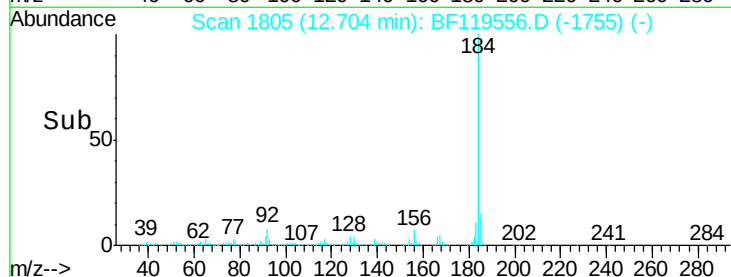
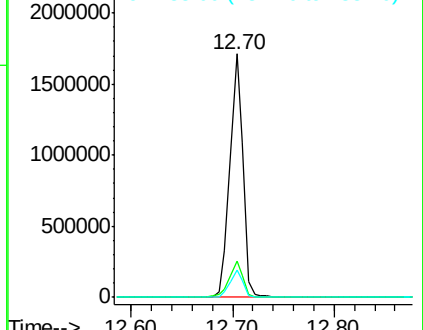
3/30/2020 8:51:02 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.921 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

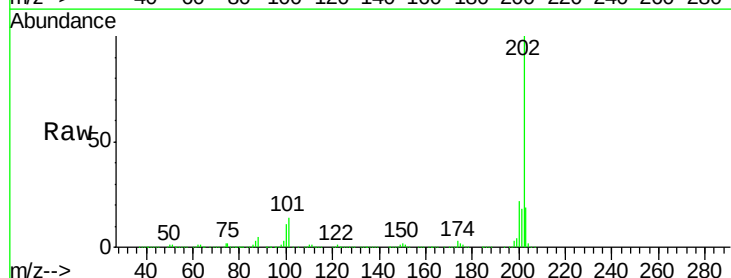
Tgt Ion:202 Resp: 3082247

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

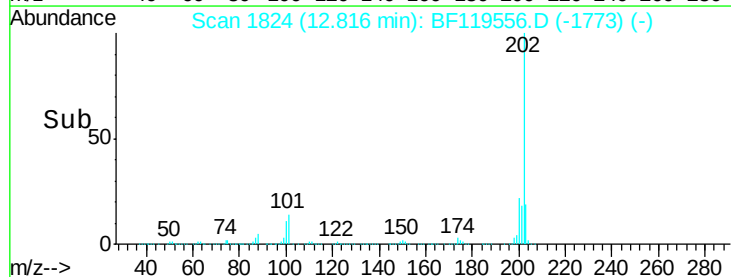
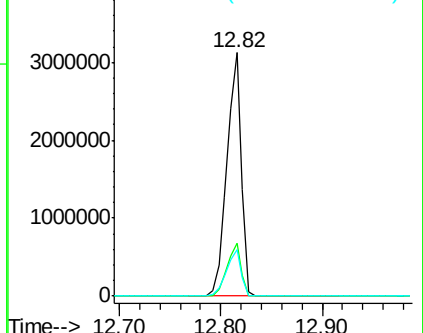
203 18.9 15.1 22.7

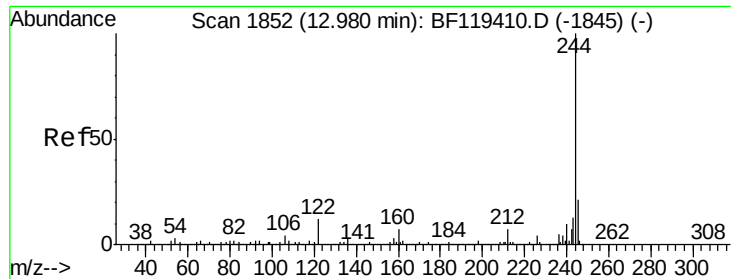


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





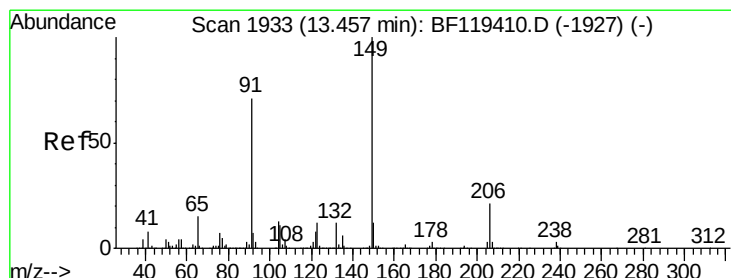
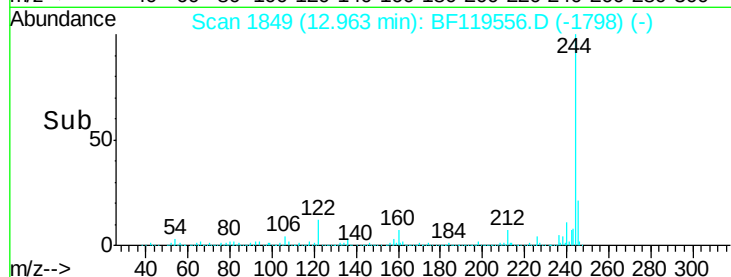
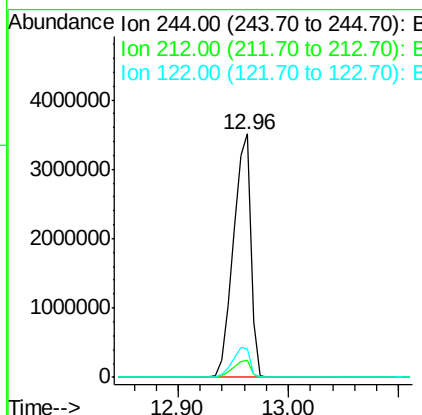
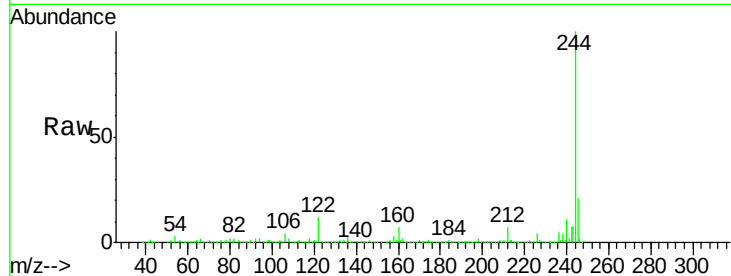
#79
 Terphenyl-d14
 Concen: 93.503 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	10.3	15.5

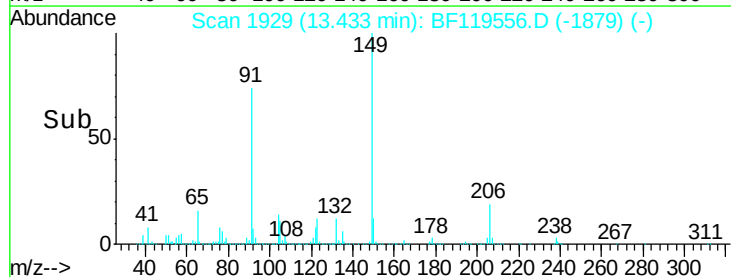
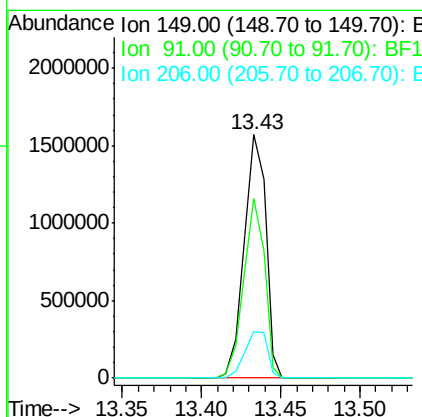
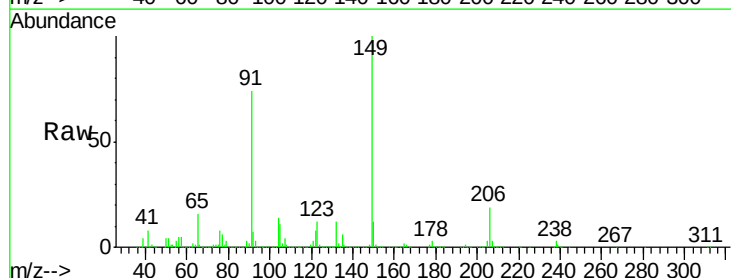
Manual Integrations
 APPROVED

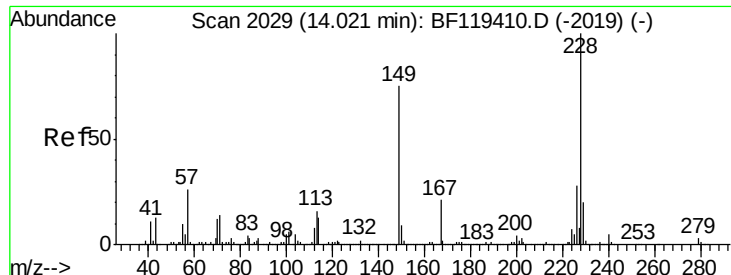
mohammad
 3/30/2020 8:51:02 AM



#80
 Butylbenzylphthalate
 Concen: 54.840 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	54.7	82.1
206	19.3	16.2	24.2





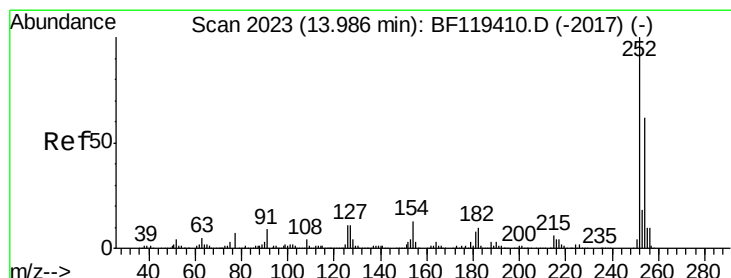
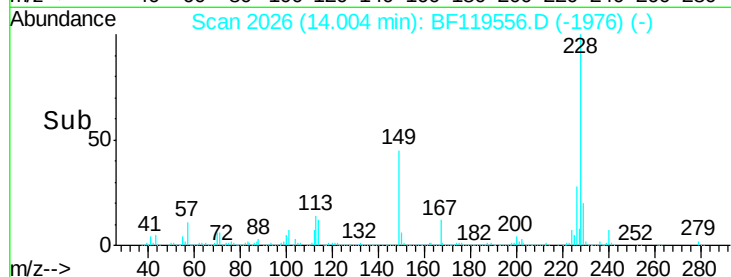
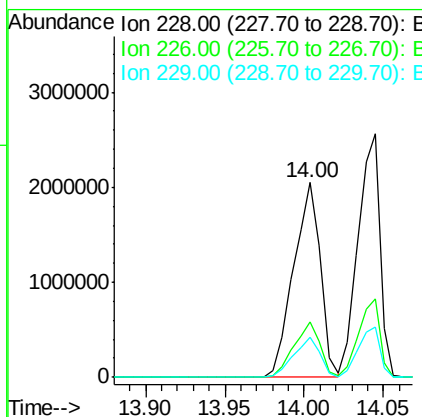
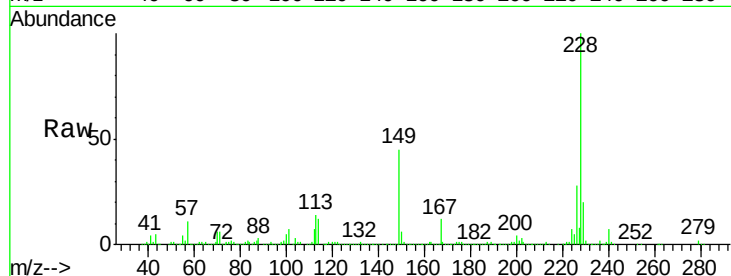
#81
Benzo(a)anthracene
Concen: 45.104 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.5	16.2	24.4

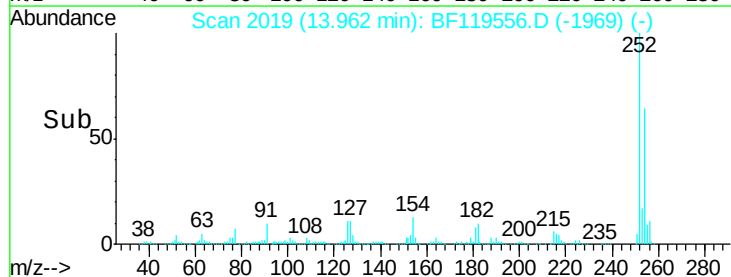
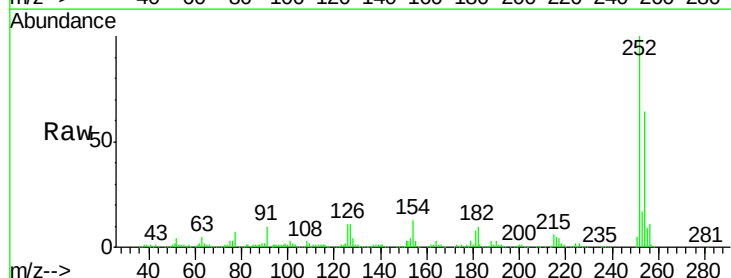
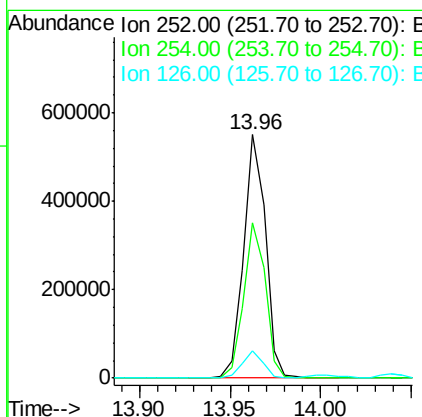
Manual Integrations
APPROVED

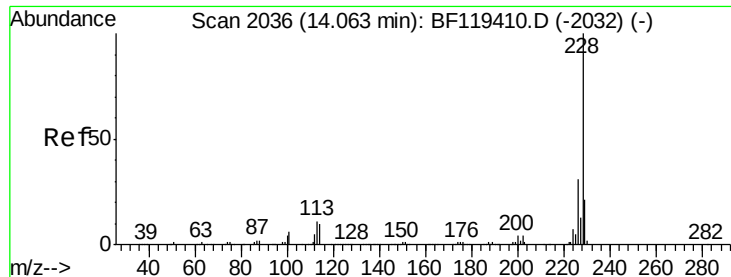
mohammad
3/30/2020 8:51:02 AM



#82
3,3'-Dichlorobenzidine
Concen: 21.984 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	11.1	9.6	14.4





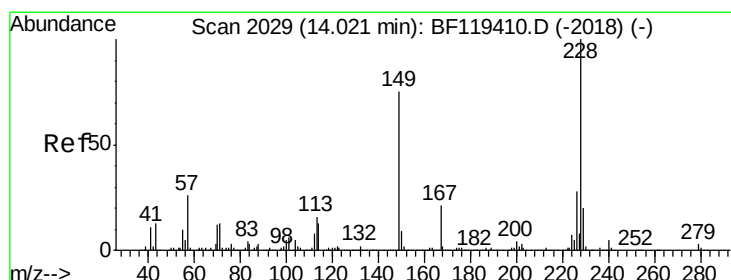
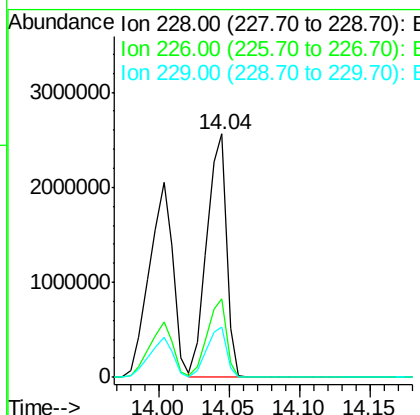
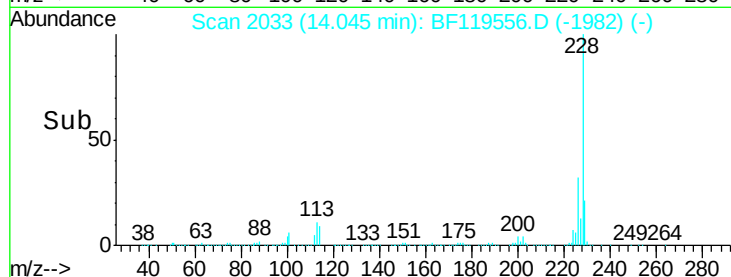
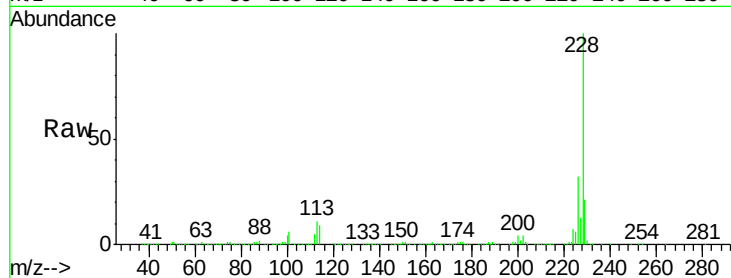
#83
Chrysene
Concen: 45.402 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:228 Resp: 2492000
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.0
229 20.7 16.6 24.8

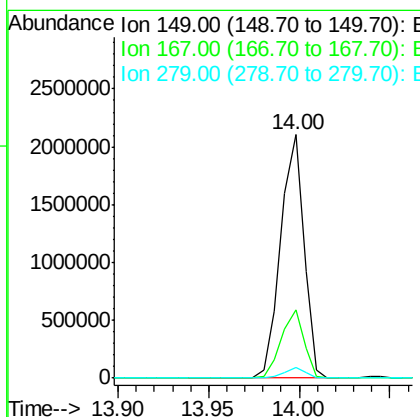
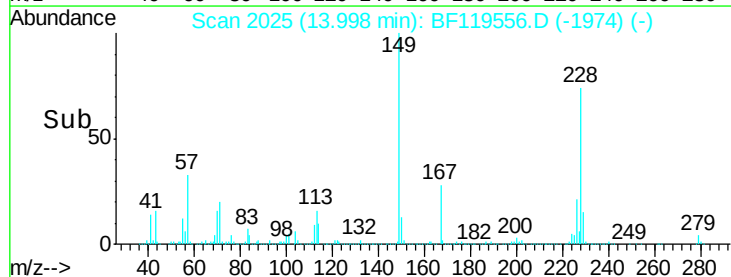
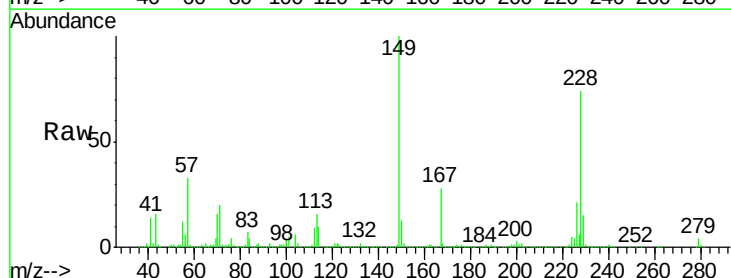
Manual Integrations
APPROVED

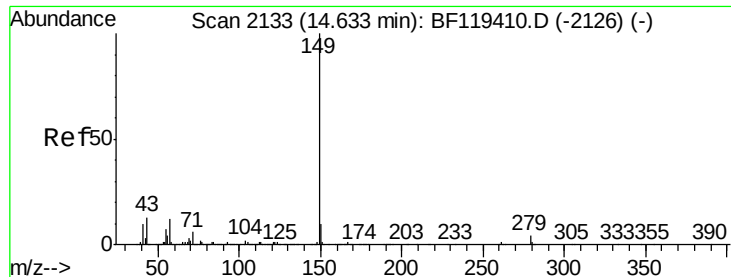
mohammad
3/30/2020 8:51:02 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.511 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:149 Resp: 1893501
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.2 2.7 4.1#





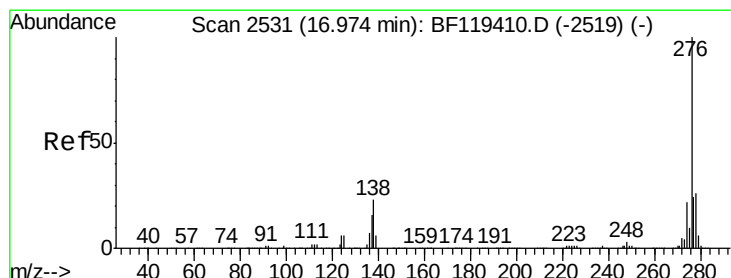
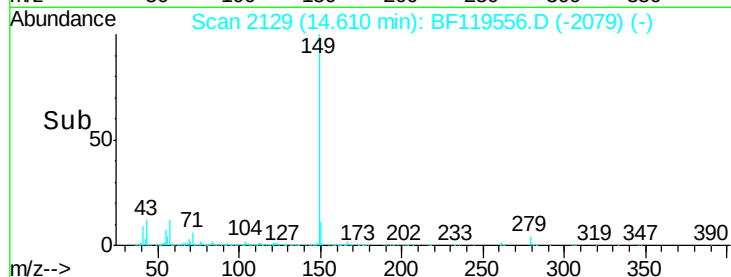
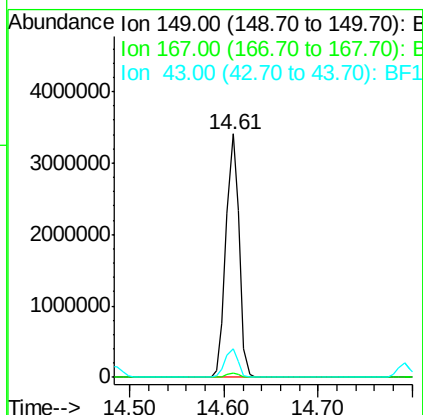
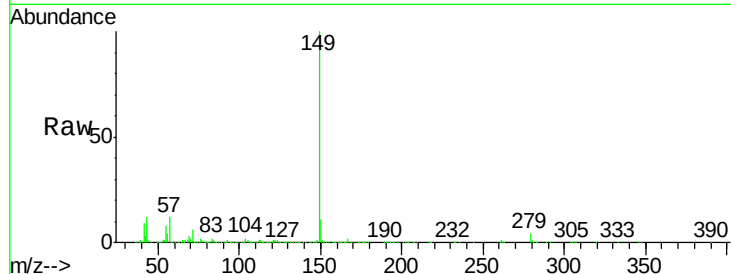
#85
Di-n-octyl phthalate
Concen: 58.218 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	9.3	13.9

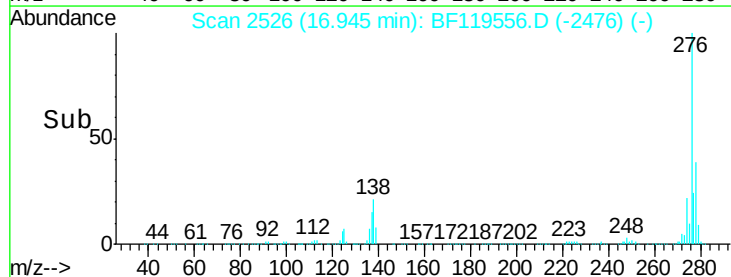
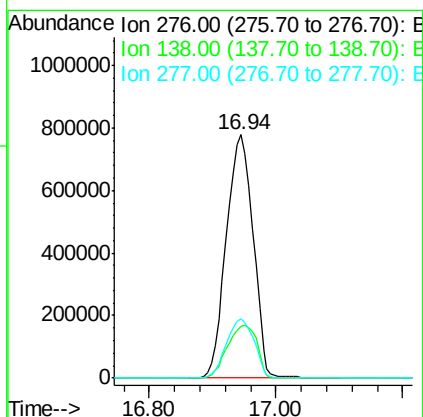
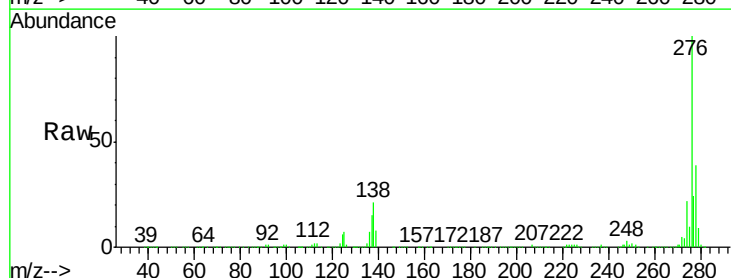
Manual Integrations
APPROVED

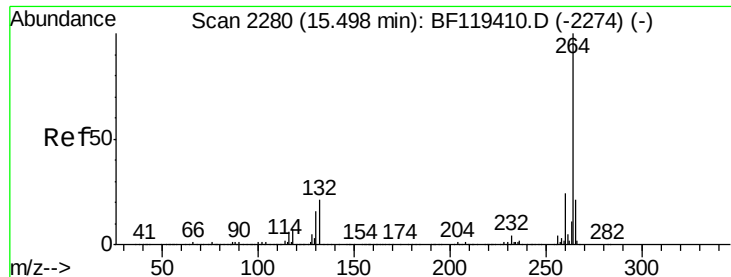
mohammad
3/30/2020 8:51:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.887 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.6	29.4
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

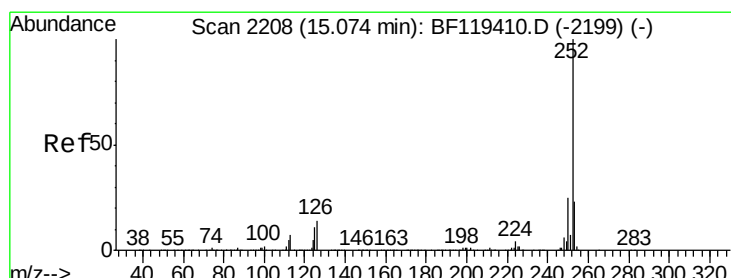
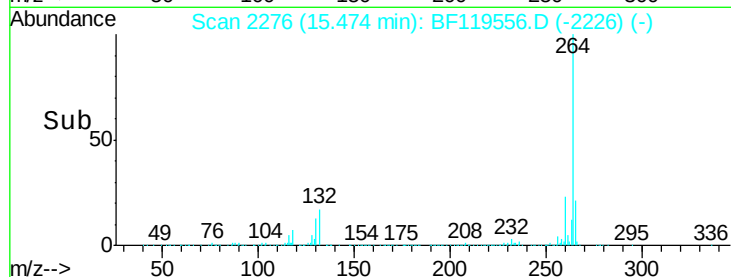
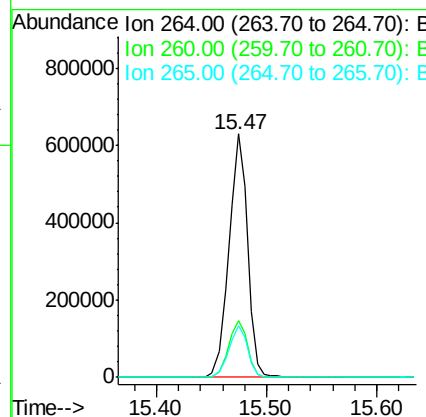
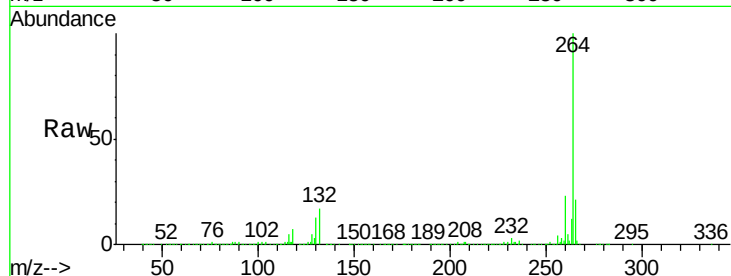
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:	264	Resp:	743040
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	21.3	17.7	26.5

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:02 AM



#88

Benzo(b)fluoranthene

Concen: 51.912 ng

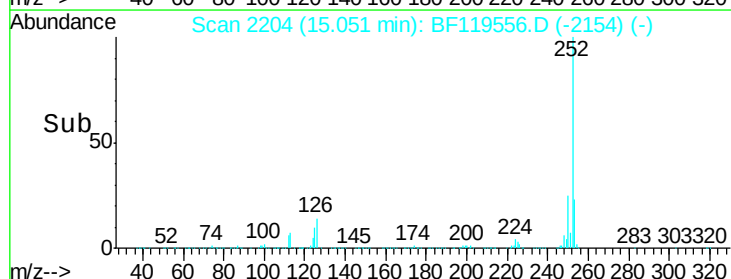
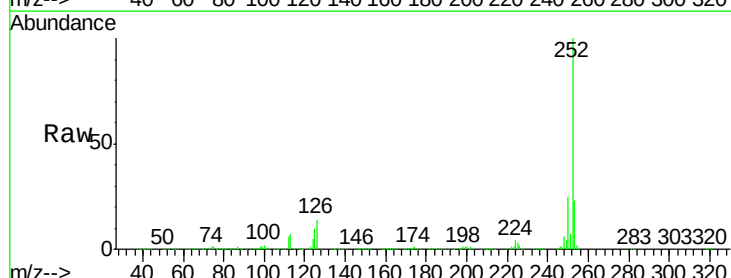
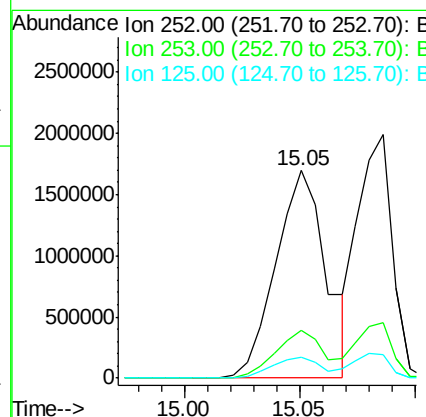
RT: 15.05 min Scan# 2204

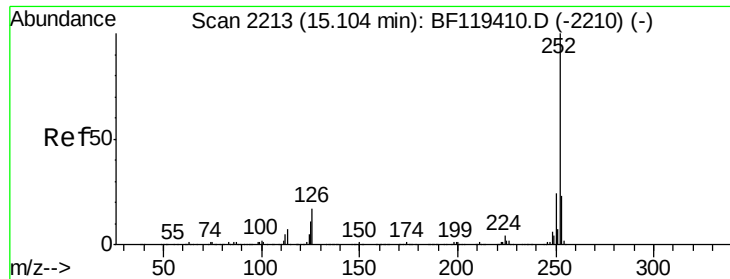
Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:	252	Resp:	2576637
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	10.3	7.9	11.9





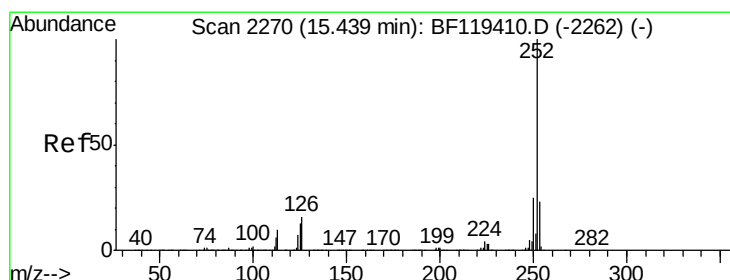
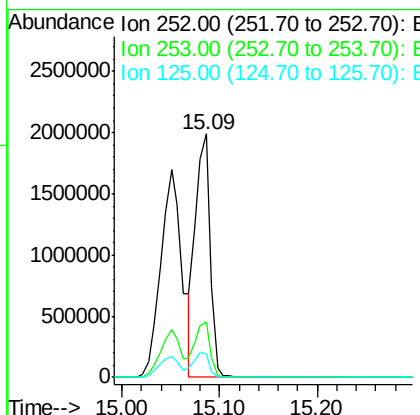
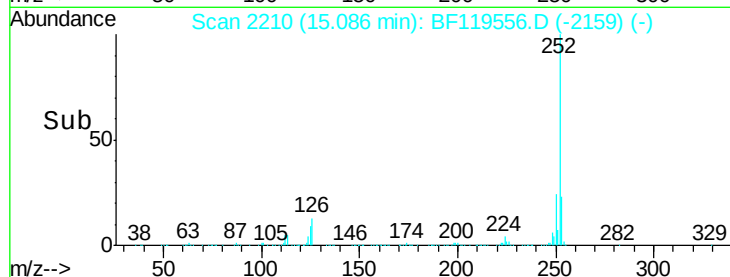
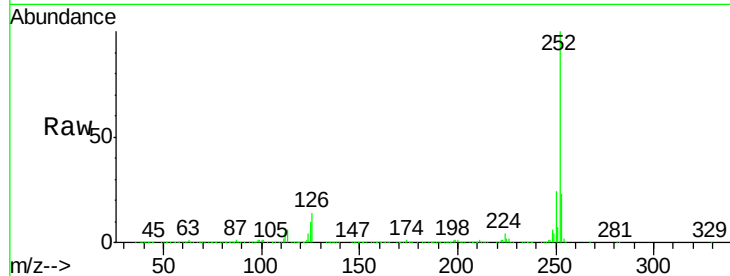
#89
Benzo(k)fluoranthene
Concen: 43.943 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:252 Resp: 2076858
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.6 8.4 12.6

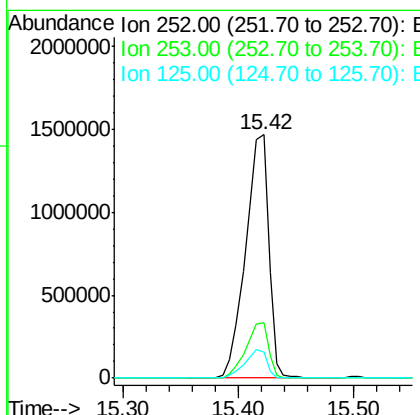
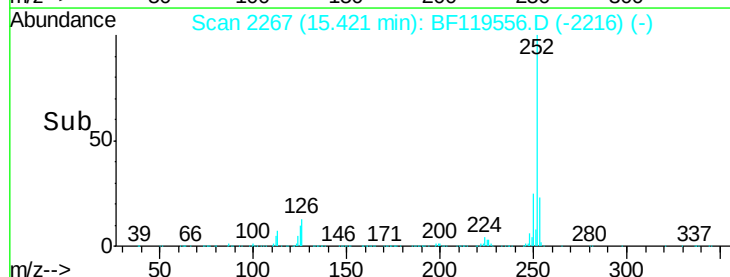
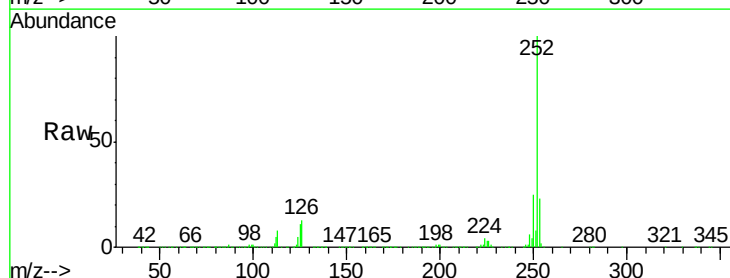
Manual Integrations
APPROVED

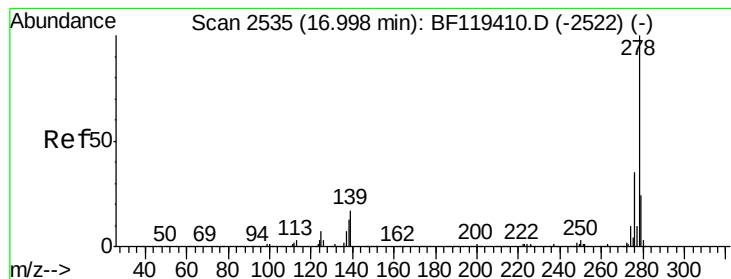
mohammad
3/30/2020 8:51:02 AM



#90
Benzo(a)pyrene
Concen: 45.596 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:252 Resp: 2056740
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.864 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:278 Resp: 1848956

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

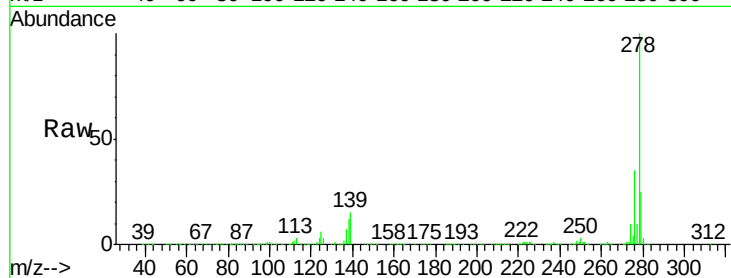
279 24.6 19.0 28.6

Manual Integrations

APPROVED

mohammad

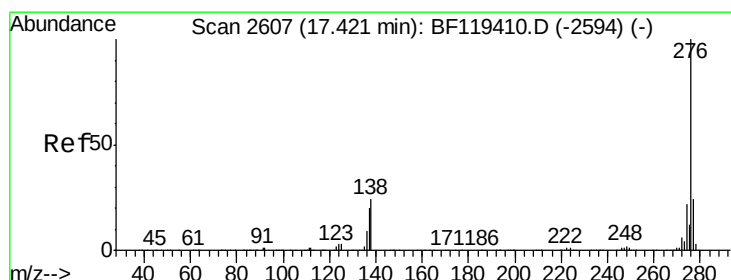
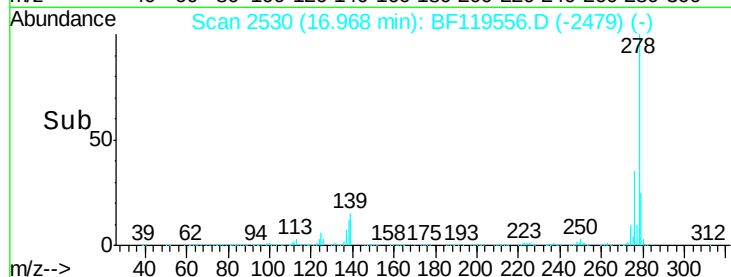
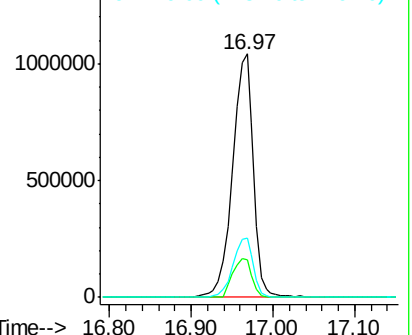
3/30/2020 8:51:02 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.245 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

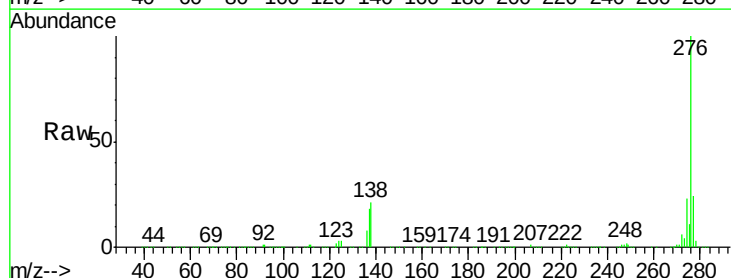
Tgt Ion:276 Resp: 1872622

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 20.5 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

