

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120070.D
 Acq On : 17 Apr 2020 20:16
 Operator : MA/SJ
 Sample : L2198-12MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:22:50 AM

Quant Time: Apr 18 04:39:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167323	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	617216	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	282434	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	413703	20.00	ng	0.00
76) Chrysene-d12	13.90	240	202116	20.00	ng	0.00
87) Perylene-d12	15.33	264	180856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	941946	97.29	ng	0.02
7) Phenol-d6	6.38	99	1212636	97.20	ng	0.01
23) Nitrobenzene-d5	7.30	82	755656	63.34	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	224030	64.79	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1433737	72.07	ng	0.00
79) Terphenyl-d14	12.85	244	977448	81.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	196556	45.580	ng	97
3) Pyridine	3.17	79	603287	50.989	ng	99
4) n-Nitrosodimethylamine	3.14	42	355448	58.799	ng	100
6) Aniline	6.39	93	610669	37.294	ng	# 1
8) 2-Chlorophenol	6.52	128	695537	64.295	ng	96
9) Benzaldehyde	6.27	77	312691	54.752	ng	97
10) Phenol	6.39	94	856736	60.531	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	678514	62.088	ng	99
12) 1,3-Dichlorobenzene	6.67	146	697225	58.870	ng	99
13) 1,4-Dichlorobenzene	6.75	146	703117	58.280	ng	98
14) 1,2-Dichlorobenzene	6.90	146	668582	60.132	ng	97
15) Benzyl Alcohol	6.88	79	562758	58.077	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1146742	53.924	ng	95
17) 2-Methylphenol	7.00	107	547265	56.687	ng	94
18) Hexachloroethane	7.24	117	242999	53.895	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	483940	60.323	ng	99
20) 3+4-Methylphenols	7.16	107	667480	56.531	ng	# 74
22) Acetophenone	7.15	105	917245	63.463	ng	# 96
24) Nitrobenzene	7.32	77	707387	58.940	ng	98
25) Isophorone	7.56	82	1326196	57.664	ng	99
26) 2-Nitrophenol	7.63	139	292526	48.786	ng	95
27) 2,4-Dimethylphenol	7.68	122	563375	62.298	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	854893	63.169	ng	99
29) 2,4-Dichlorophenol	7.88	162	531270	57.313	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	594794	56.630	ng	99
31) Naphthalene	8.04	128	1875144	57.744	ng	99
32) Benzoic acid	7.82	122	239982	30.216	ng	97
33) 4-Chloroaniline	8.09	127	269516	19.065	ng	99
34) Hexachlorobutadiene	8.16	225	346852	55.167	ng	98
35) Caprolactam	8.49	113	154827m	54.603	ng	
36) 4-Chloro-3-methylphenol	8.59	107	556769	55.478	ng	98
37) 2-Methylnaphthalene	8.73	142	1241212	56.378	ng	98
38) 1-Methylnaphthalene	8.83	142	1156087	55.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	555853	62.312	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120070.D
 Acq On : 17 Apr 2020 20:16
 Operator : MA/SJ
 Sample : L2198-12MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

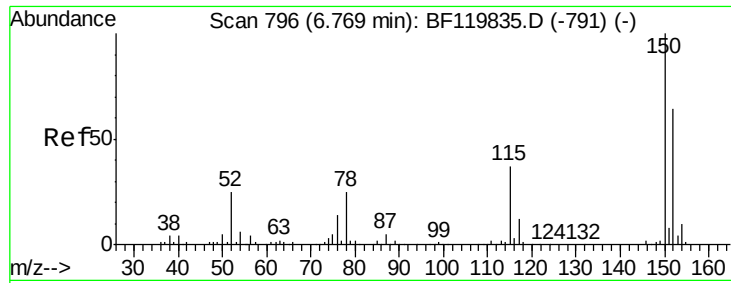
Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:22:50 AM

Quant Time: Apr 18 04:39:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	128762	25.384	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	354591	57.564	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	350812	50.564	nq	93
46) 1,1'-Biphenyl	9.20	154	1448391	60.757	nq	98
47) 2-Chloronaphthalene	9.22	162	1106446	60.250	nq	97
48) 2-Nitroaniline	9.32	65	395558	59.438	nq	97
49) Acenaphthylene	9.64	152	1622999	58.112	nq	100
50) Dimethylphthalate	9.51	163	1563091	71.551	nq	99
51) 2,6-Dinitrotoluene	9.57	165	261427	54.647	nq	92
52) Acenaphthene	9.81	154	984670	52.853	nq	99
53) 3-Nitroaniline	9.73	138	234696	42.956	nq	92
54) 2,4-Dinitrophenol	9.84	184	28306	9.883	nq	93
55) Dibenzofuran	9.98	168	1434237	56.101	nq	98
56) 4-Nitrophenol	9.91	139	299470	73.666	nq	98
57) 2,4-Dinitrotoluene	9.97	165	307175	48.736	nq	96
58) Fluorene	10.33	166	1066028	52.139	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	246551	46.464	nq	98
60) Diethylphthalate	10.20	149	1359285	60.034	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	547912	52.285	nq	95
62) 4-Nitroaniline	10.35	138	266147	51.114	nq	98
63) Azobenzene	10.48	77	1148141	56.583	nq	94
65) 4,6-Dinitro-2-methylphenol	10.38	198	24785	9.094	nq	96
66) n-Nitrosodiphenylamine	10.44	169	996306	72.413	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	315724	61.367	nq	94
68) Hexachlorobenzene	10.87	284	313575	60.081	nq	99
69) Atrazine	10.97	200	255245	66.677	nq	98
70) Pentachlorophenol	11.07	266	240352	79.912	nq	98
71) Phenanthrene	11.29	178	1301498	59.111	nq	98
72) Anthracene	11.34	178	1316015	58.509	nq	99
73) Carbazole	11.49	167	1164567	54.751	nq	99
74) Di-n-butylphthalate	11.83	149	1759261	62.916	nq	100
75) Fluoranthene	12.47	202	1187193	49.973	nq	99
77) Benzidine	12.60	184	389818	57.057	nq	95
78) Pyrene	12.70	202	1166907	68.485	nq	100
80) Butylbenzylphthalate	13.33	149	547837	66.261	nq	93
81) Benzo(a)anthracene	13.89	228	822584	61.865	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	245895	49.563	nq	98
83) Chrysene	13.93	228	807336	59.757	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	682732	60.979	nq	# 97
85) Di-n-octyl phthalate	14.50	149	1214389	63.702	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	616876	51.798	nq	98
88) Benzo(b)fluoranthene	14.92	252	719207	55.280	nq	99
89) Benzo(k)fluoranthene	14.95	252	758678	67.585	nq	98
90) Benzo(a)pyrene	15.27	252	643210	58.799	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	519484	53.612	nq	96
92) Benzo(g,h,i)perylene	17.14	276	480453	50.232	nq	97

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



#1

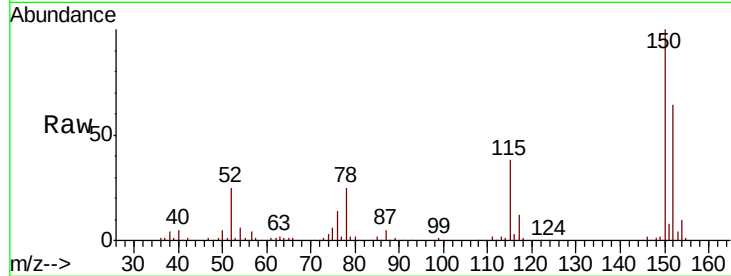
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.8	187.2
115	59.5	46.5	69.7

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM

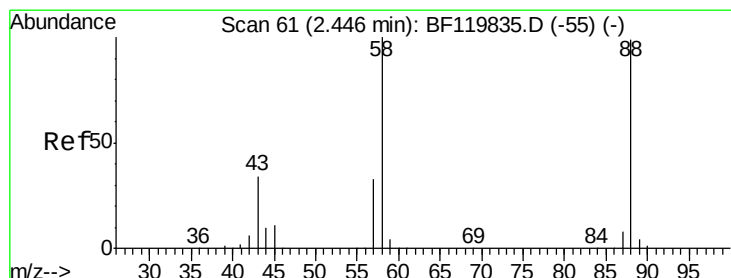
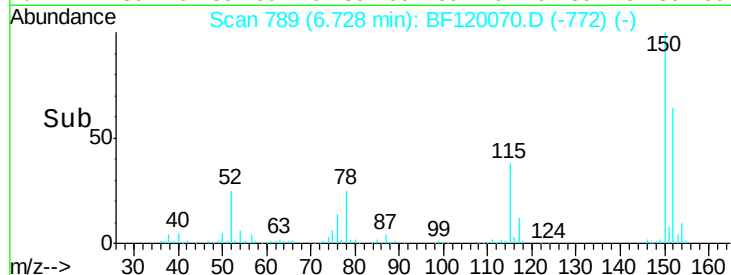
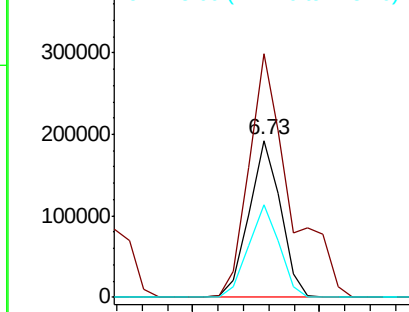


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

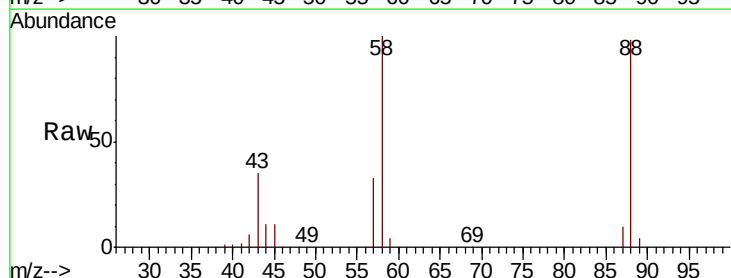
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.580 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.5	82.6	123.8
43	36.6	28.6	42.8

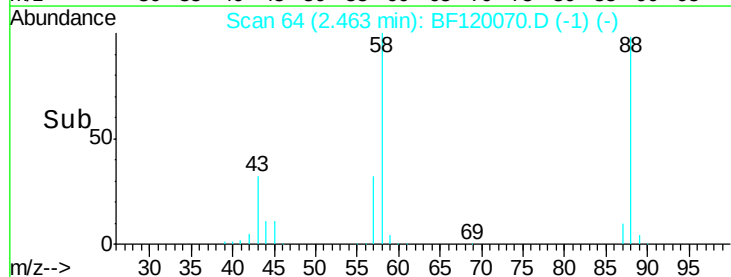
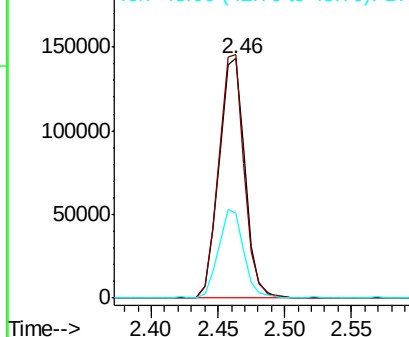


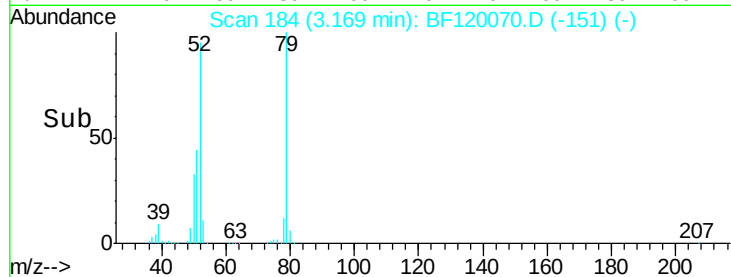
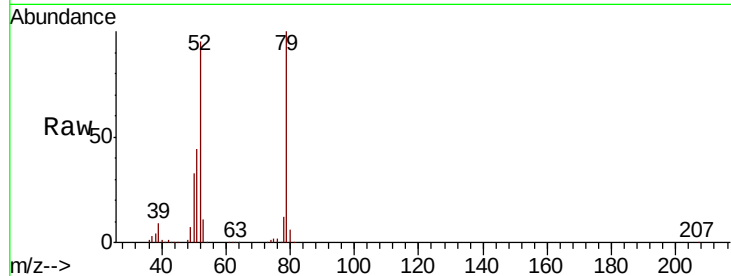
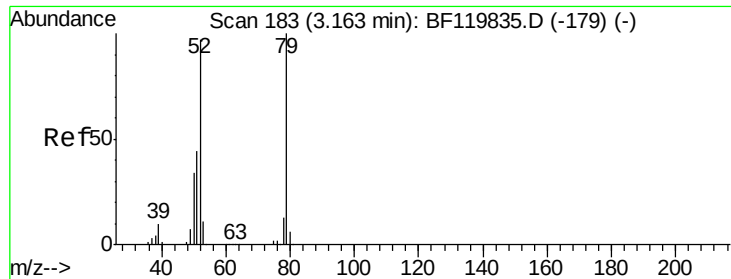
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





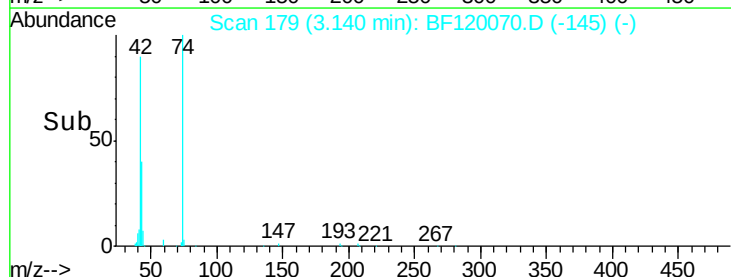
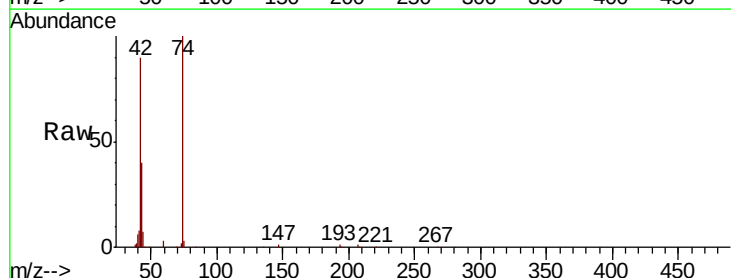
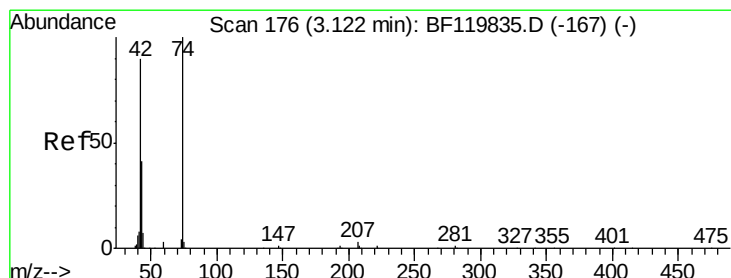
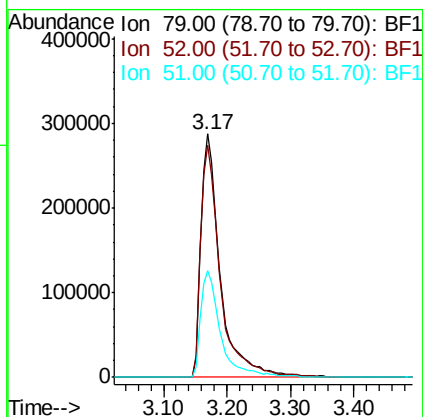
#3
 Pvridine
 Concen: 50.989 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.09 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.4	77.4	116.0
51	43.7	35.3	52.9

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

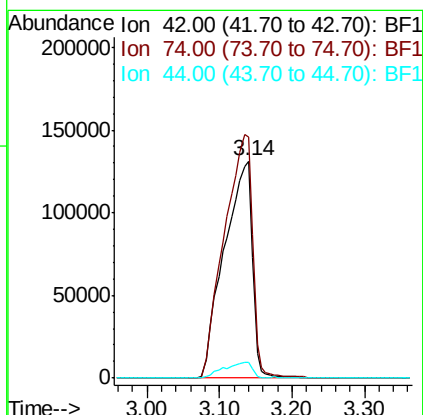
Manual Integrations
 APPROVED

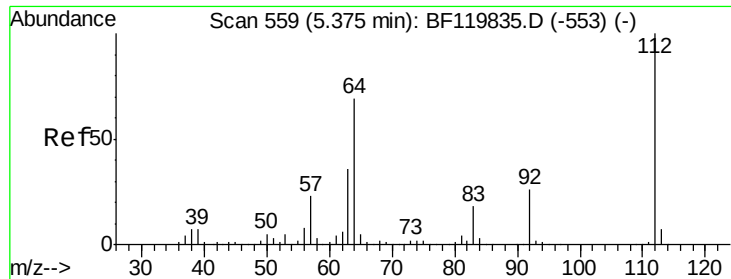
mohammad
 4/21/2020 8:22:50 AM



#4
 n-Nitrosodimethylamine
 Concen: 58.799 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.10 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	89.0	133.4
44	7.4	6.2	9.4





#5

2-Fluorophenol

Concen: 97.288 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120070.D

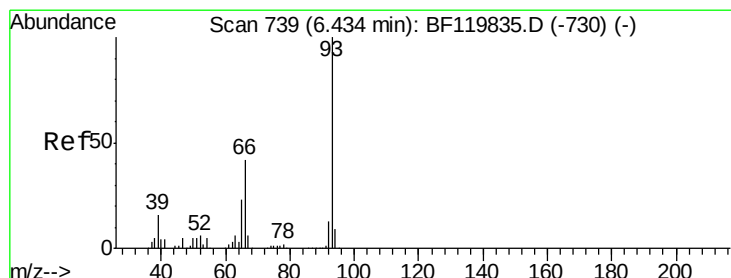
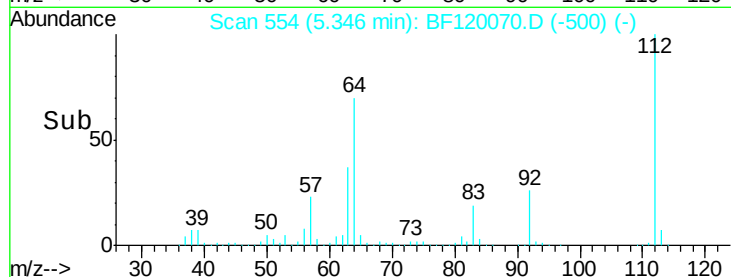
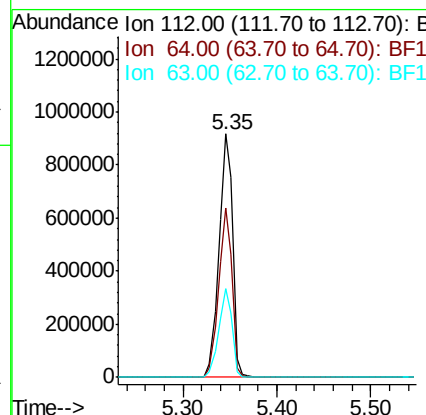
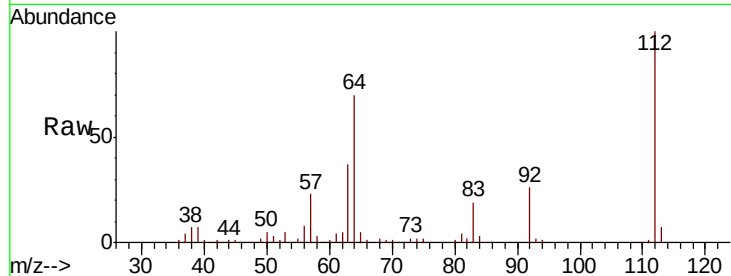
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		941946		
64	69.6	55.5	83.3		
63	36.6	29.1	43.7		

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#6

Aniline

Concen: 37.294 ng

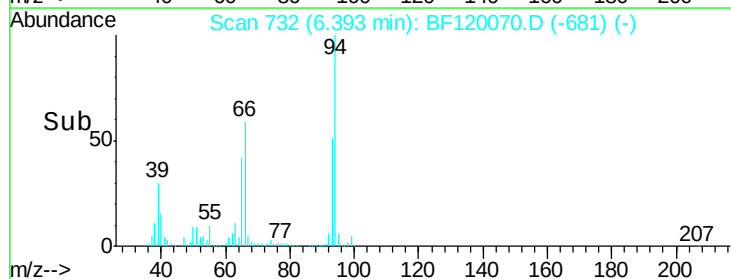
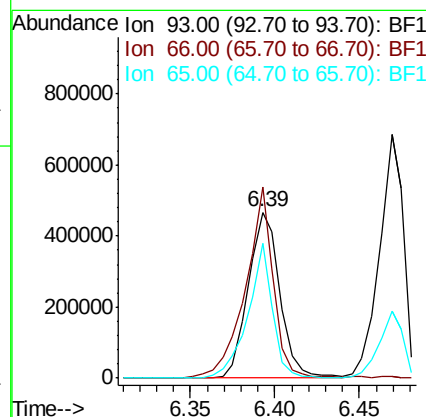
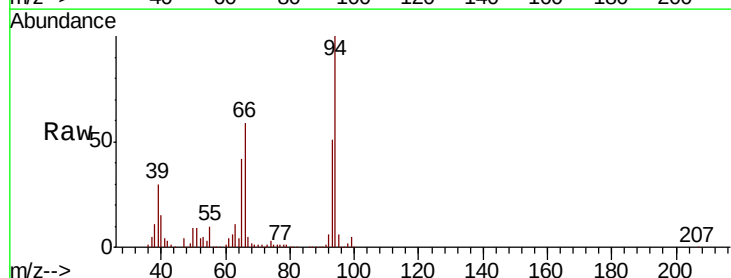
RT: 6.39 min Scan# 732

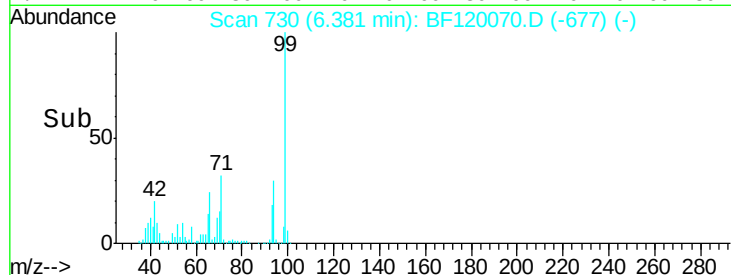
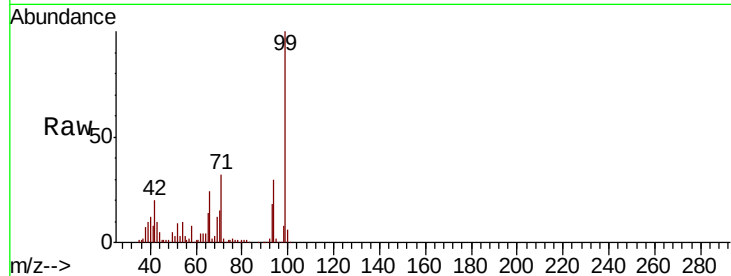
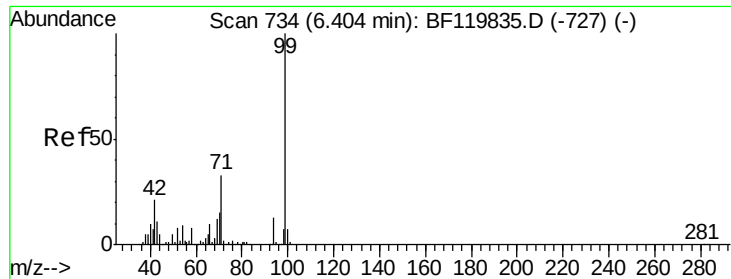
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		610669		
66	115.4	34.2	51.2#		
65	81.3	18.3	27.5#		





#7

Phenol-d6

Concen: 97.199 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120070.D

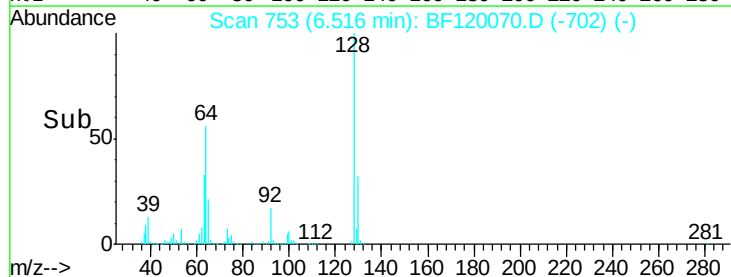
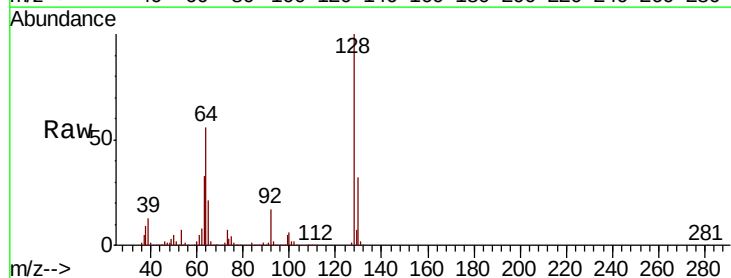
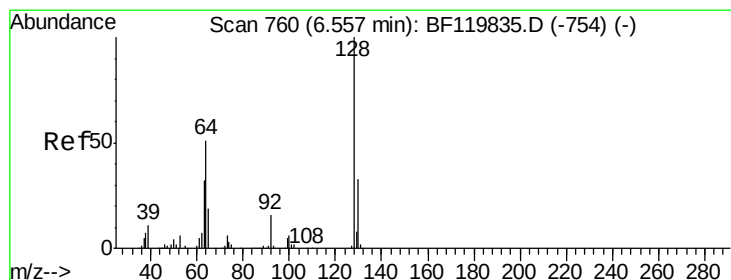
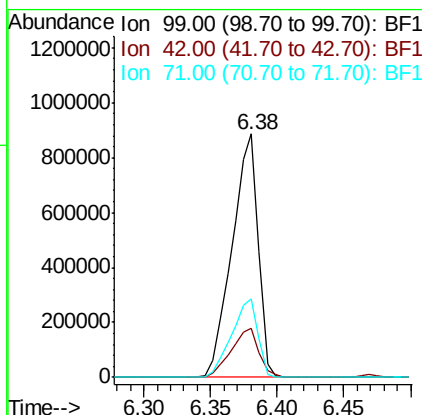
Acq: 17 Apr 2020 20:16

Tot Ion	99	Resp	1212636
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	32.1	26.3	39.5

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#8

2-Chlorophenol

Concen: 64.295 ng

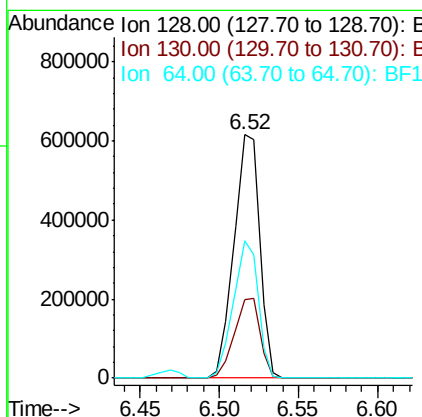
RT: 6.52 min Scan# 753

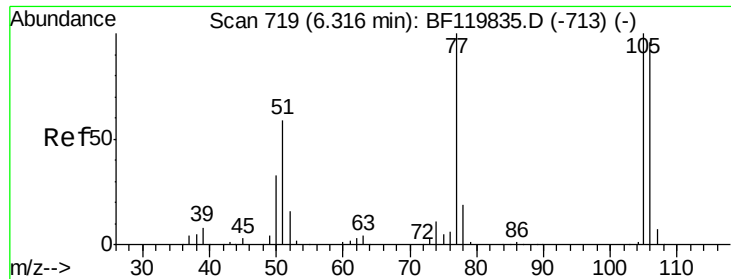
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion	128	Resp	695537
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	56.5	32.0	72.0





#9

Benzaldehyde

Concen: 54.752 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

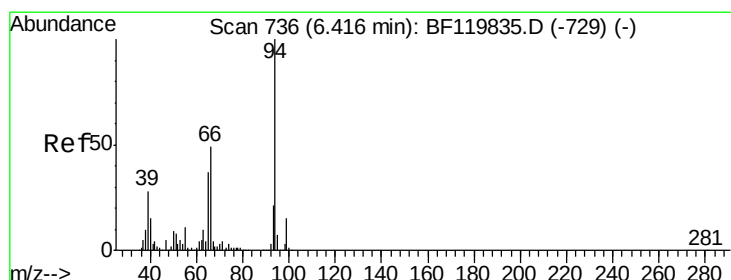
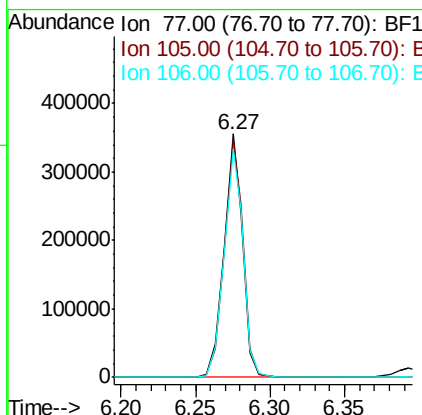
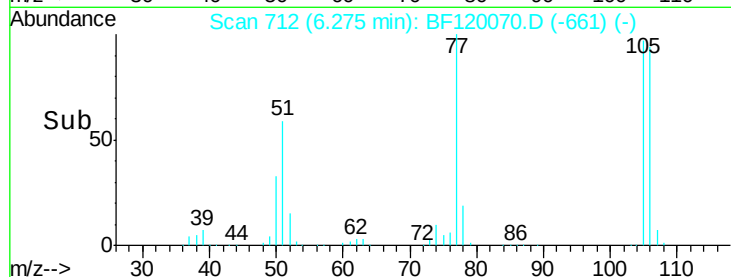
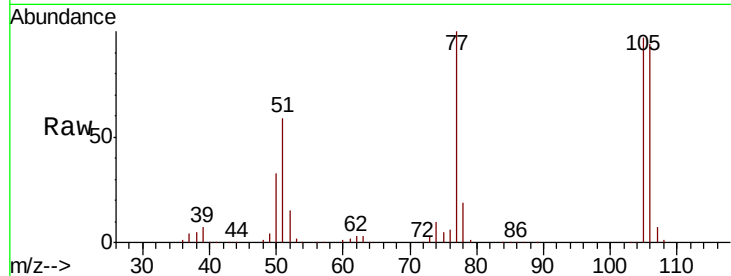
ClientSampleId :

TP-42-41-COMPMS

Tot Ion:	77	Resp:	312691
Ion	Ratio	Lower	Upper
77	100		
105	97.4	79.9	119.9
106	93.6	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#10

Phenol

Concen: 60.531 ng

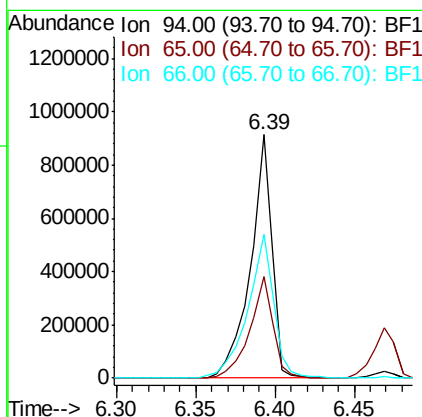
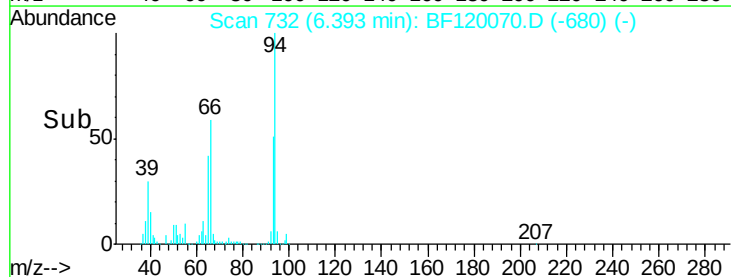
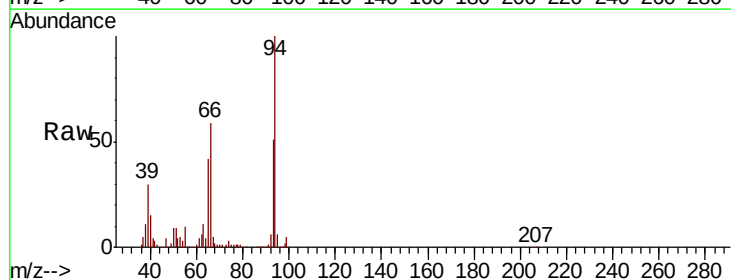
RT: 6.39 min Scan# 732

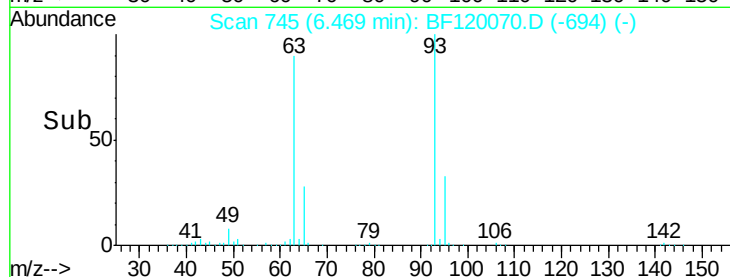
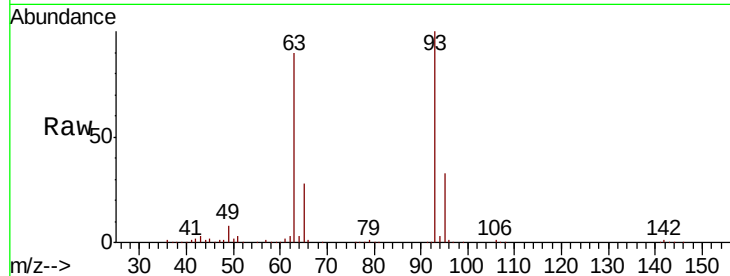
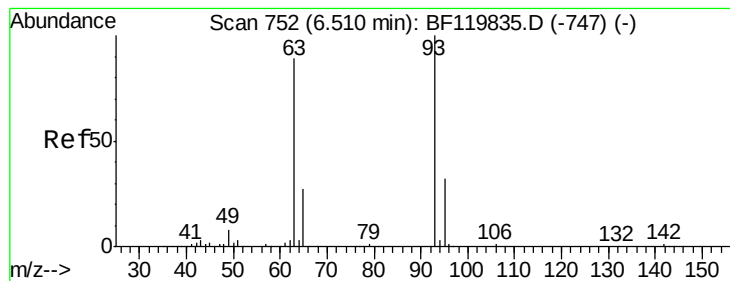
Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:	94	Resp:	856736
Ion	Ratio	Lower	Upper
94	100		
65	41.5	16.6	56.6
66	59.0	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 62.088 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tot Ion:	93	Resp:	678514
Ion	Ratio	Lower	Upper
93	100		
63	90.3	69.1	109.1
95	32.6	12.3	52.3

Instrument :

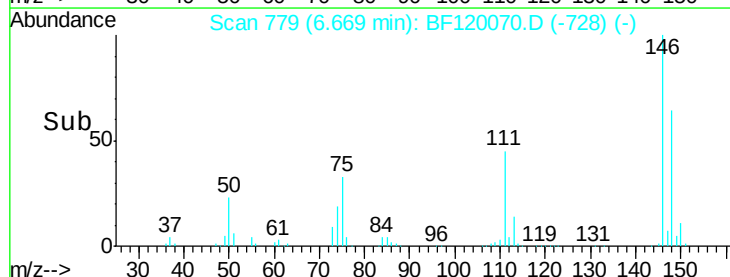
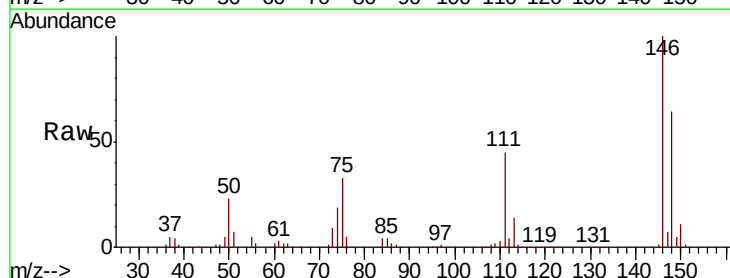
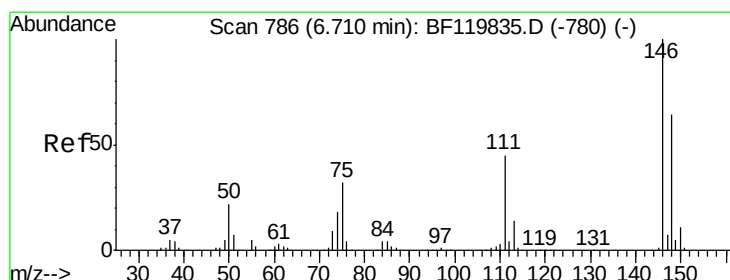
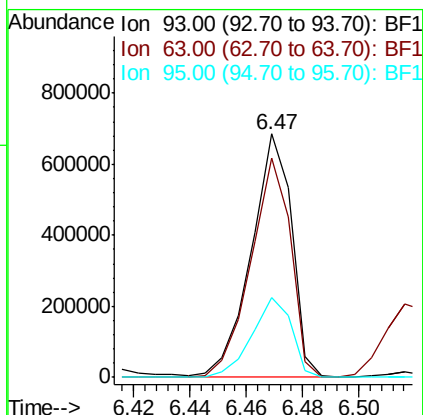
BNA_F

ClientSampleId :

TP-42-41-COMPMS

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#12

1,3-Dichlorobenzene

Concen: 58.870 ng

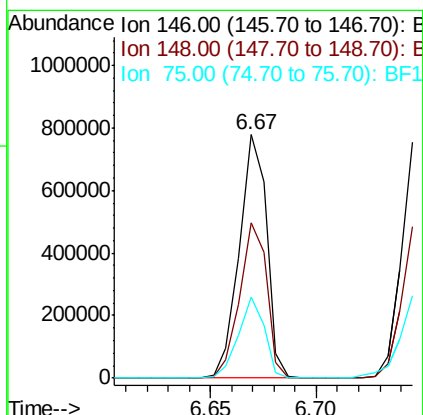
RT: 6.67 min Scan# 779

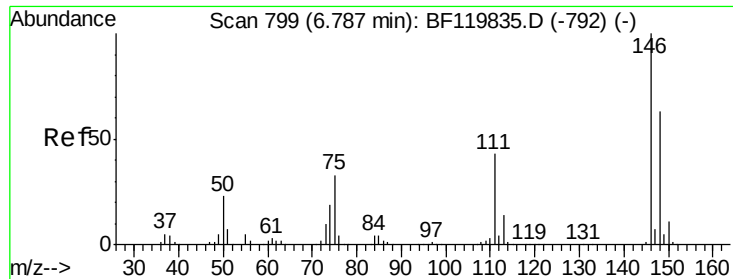
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:	146	Resp:	697225
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	33.2	25.3	37.9





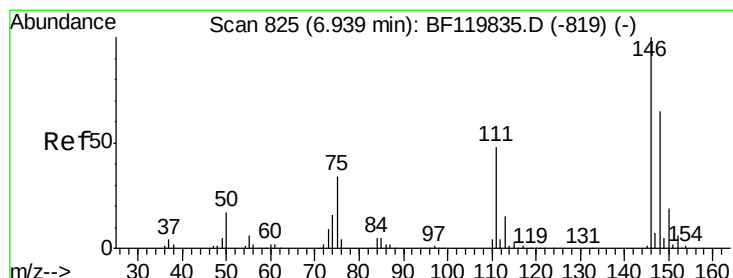
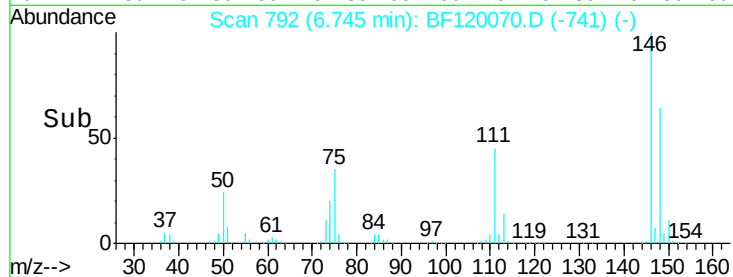
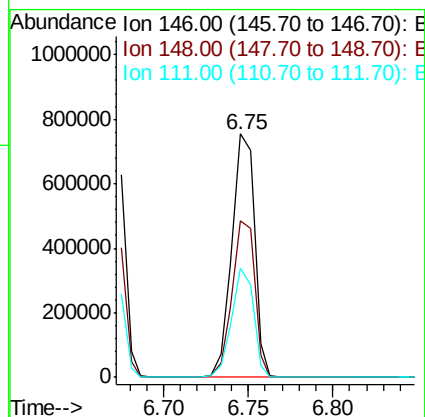
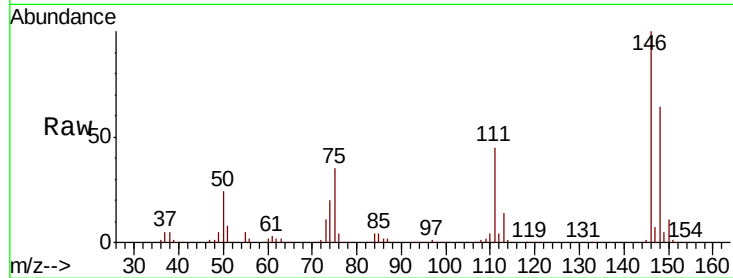
#13
 1,4-Dichlorobenzene
 Concen: 58.280 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	44.7	34.7	52.1

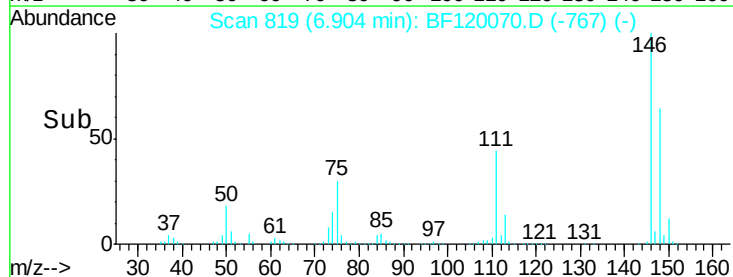
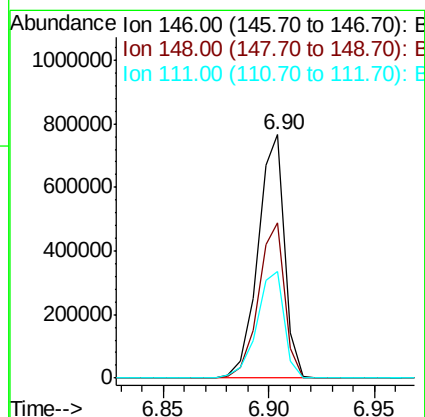
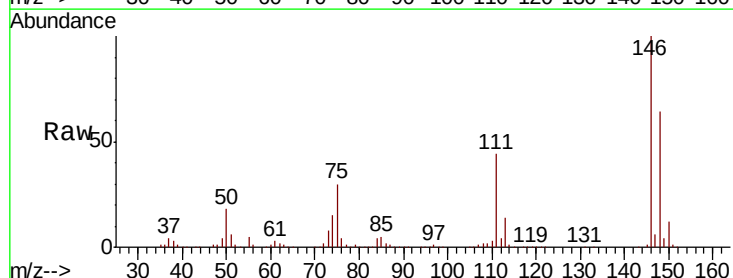
Manual Integrations
 APPROVED

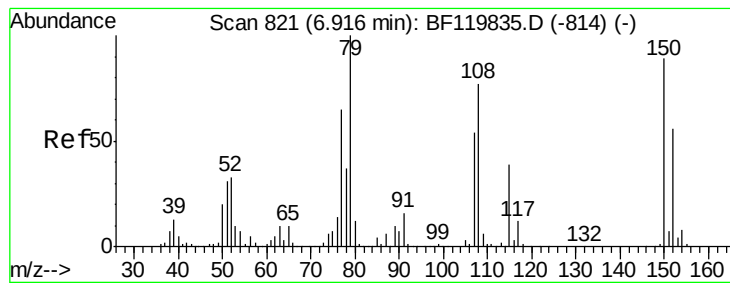
mohammad
 4/21/2020 8:22:50 AM



#14
 1,2-Dichlorobenzene
 Concen: 60.132 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
111	43.6	38.0	57.0





#15

Benzyl Alcohol

Concen: 58.077 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMS

Tot Ion: 79 Resp: 562758

Ion Ratio Lower Upper

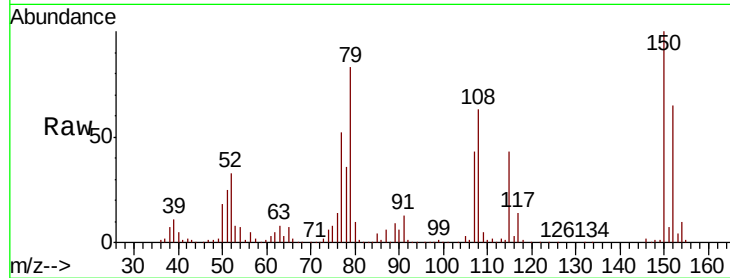
79 100

108 75.6 62.0 93.0

77 62.5 51.8 77.6

Manual Integrations
APPROVED

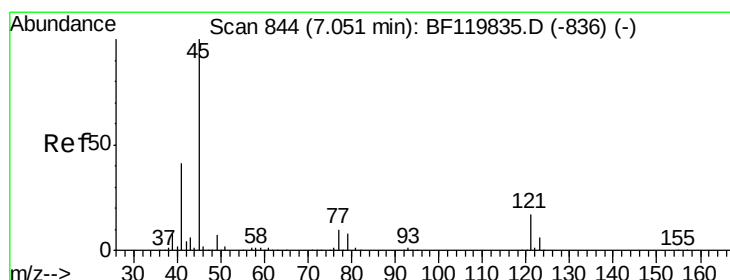
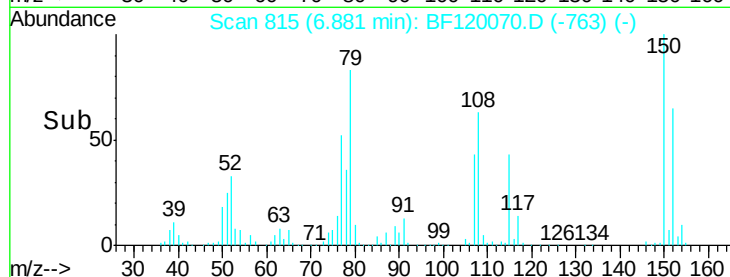
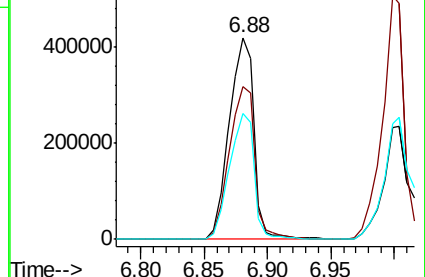
mohammad
4/21/2020 8:22:50 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.924 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

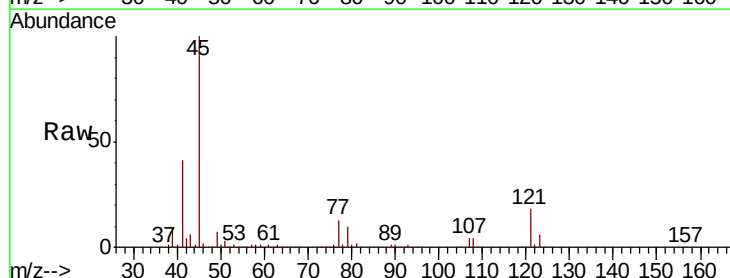
Tgt Ion: 45 Resp: 1146742

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.7

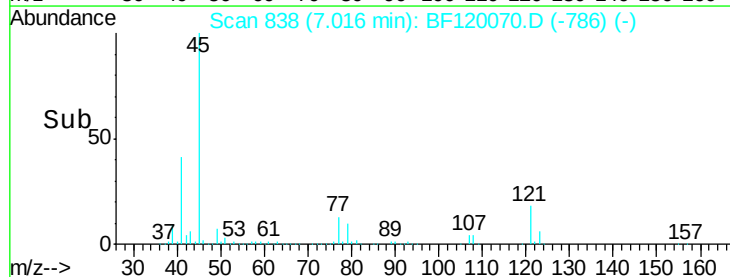
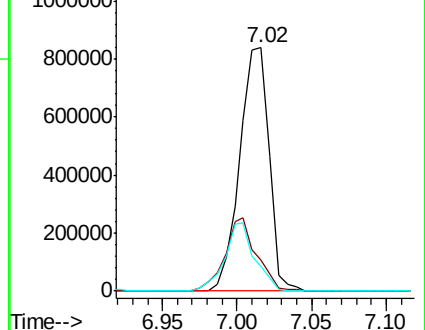
79 10.4 0.0 28.6

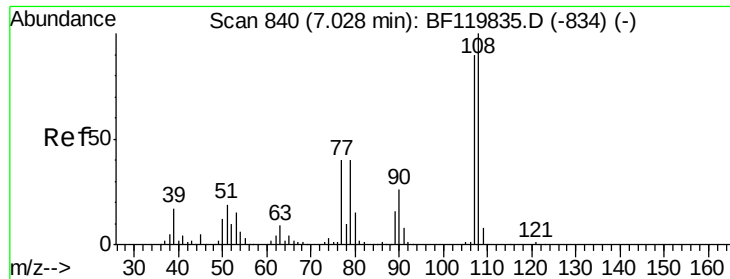


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





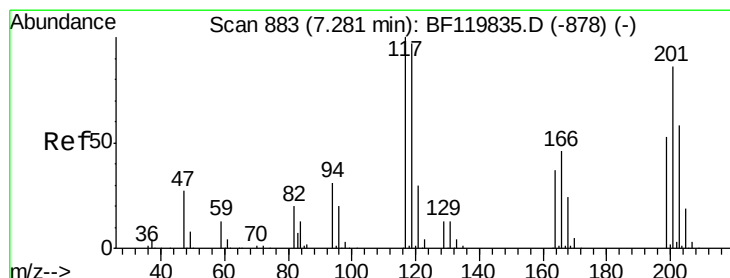
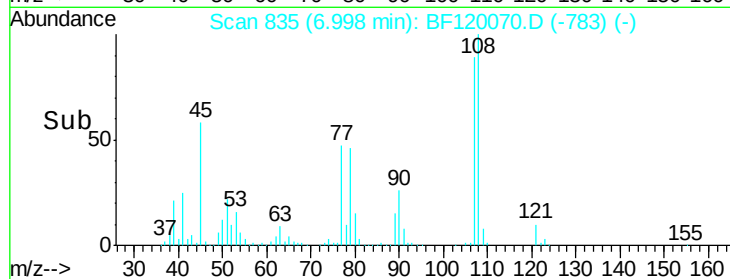
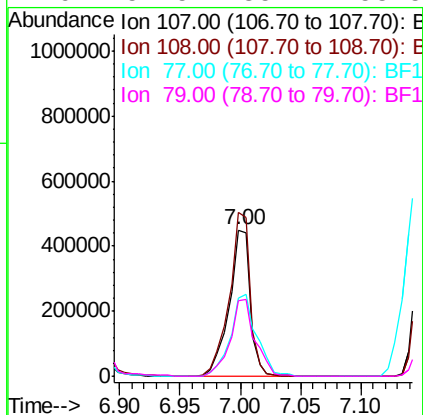
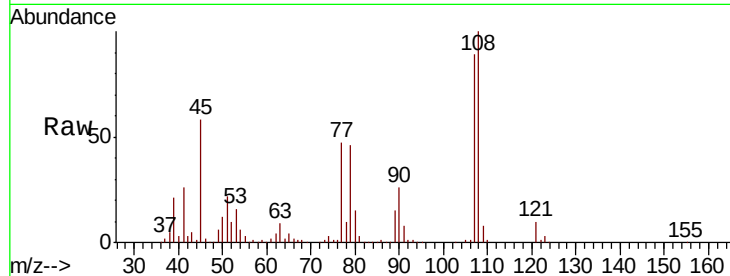
#17
2-Methylphenol
Concen: 56.687 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	88.8	133.2	
77	53.3	36.0	54.0	
79	51.5	35.7	53.5	

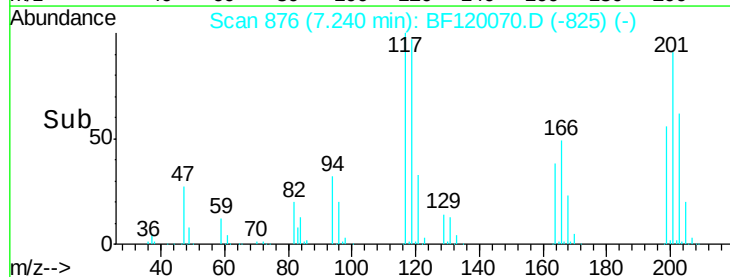
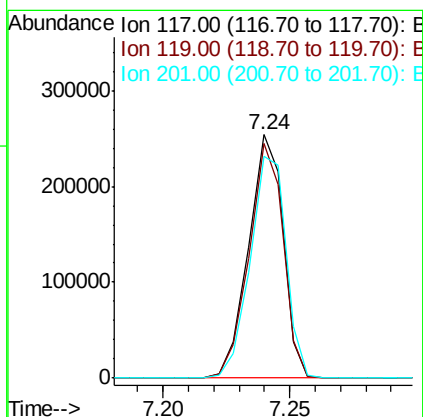
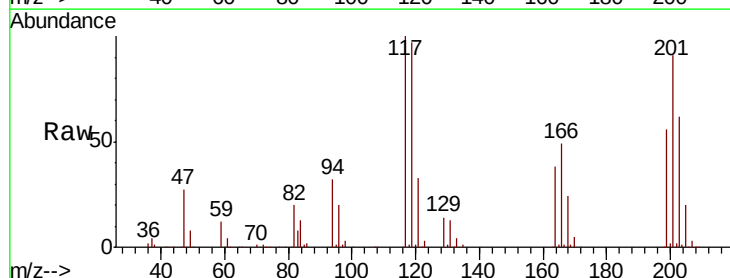
Manual Integrations
APPROVED

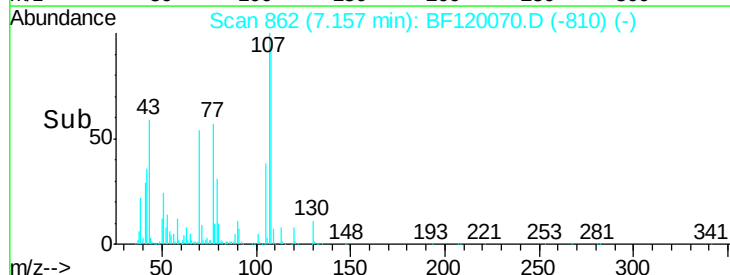
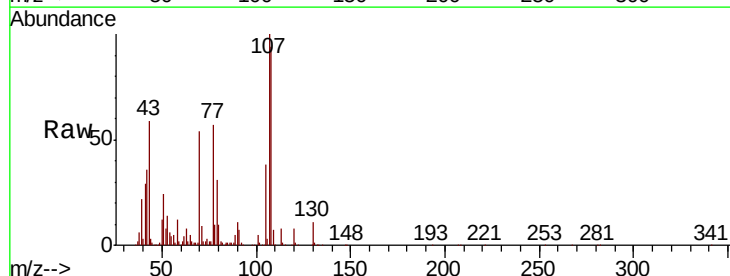
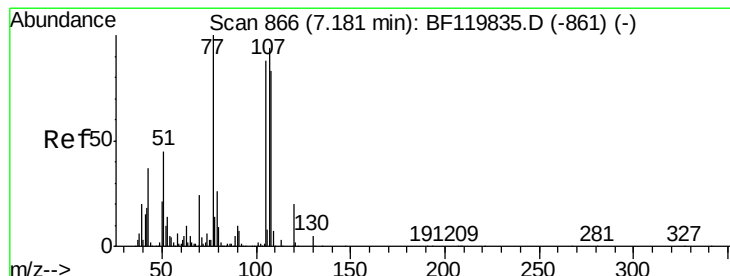
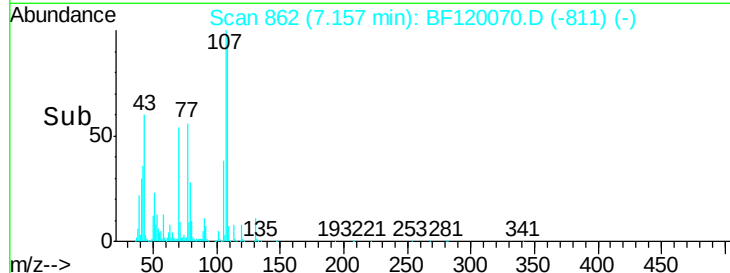
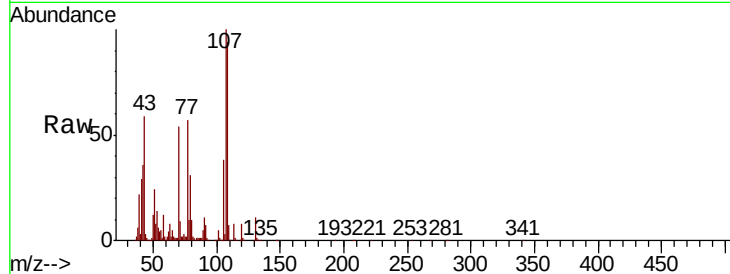
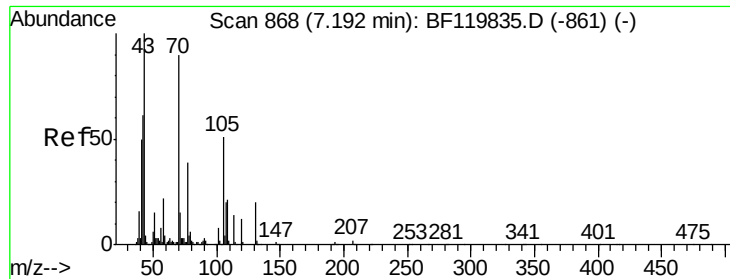
mohammad
4/21/2020 8:22:50 AM



#18
Hexachloroethane
Concen: 53.895 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

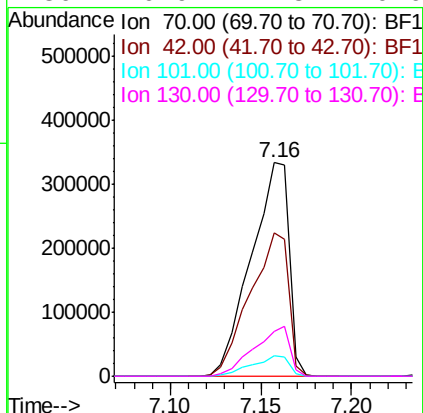
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.0	
201	91.2	68.4	102.6	





#19
n-Nitroso-di-n-propylamine
Concen: 60.323 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tot Ion	Ion	Ratio	Lower	Upper
483940	70	100		
	42	67.0	54.2	81.4
	101	9.6	7.4	11.2
	130	20.9	17.8	26.6



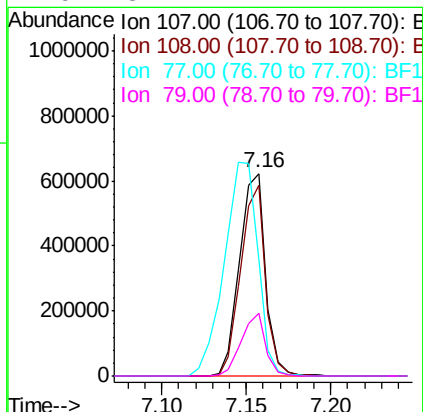
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

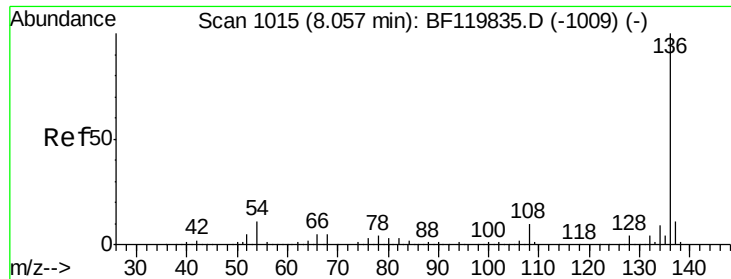
Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM

#20
3+4-Methylphenols
Concen: 56.531 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
667480	107	100		
	108	93.8	68.2	108.2
	77	57.4	86.6	126.6#
	79	31.1	7.7	47.7





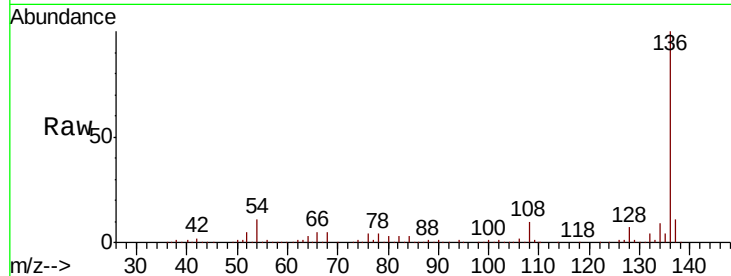
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

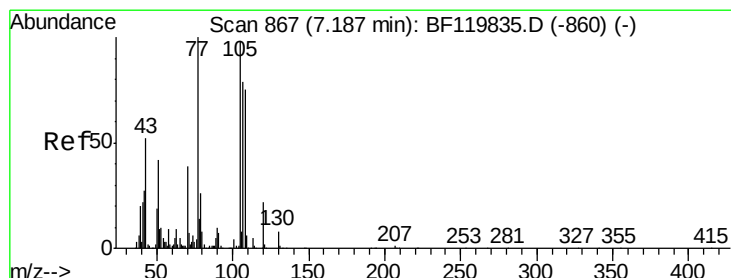
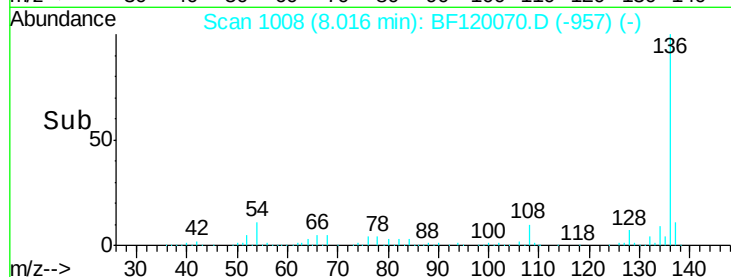
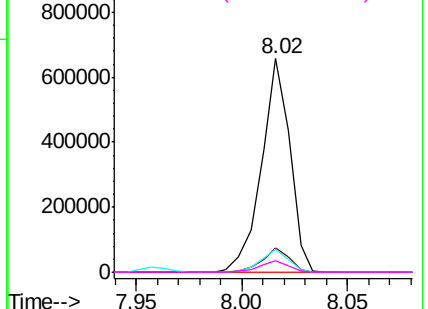
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.8	8.5	12.7
68	5.1	3.9	5.9

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



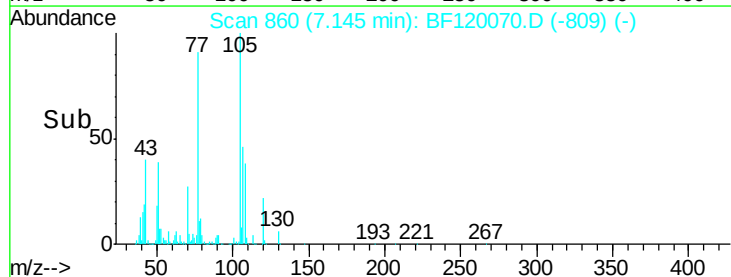
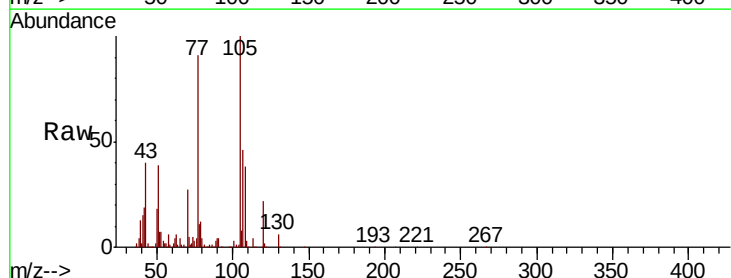
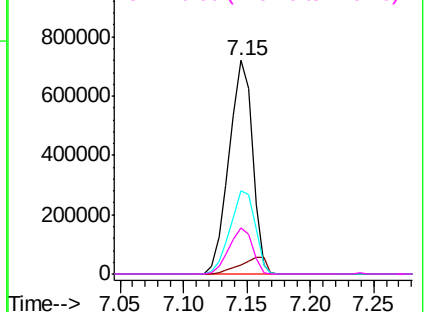
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

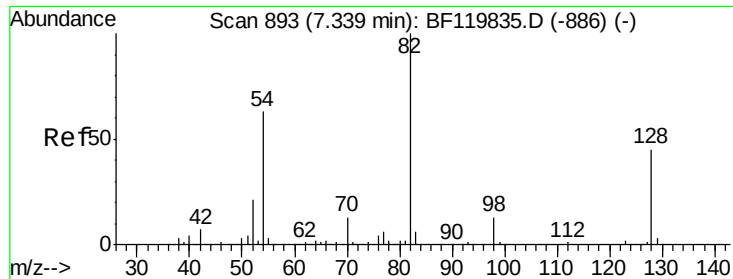


#22
Acetophenone
Concen: 63.463 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.6	8.4#
51	39.0	33.9	50.9
120	21.9	17.8	26.8

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





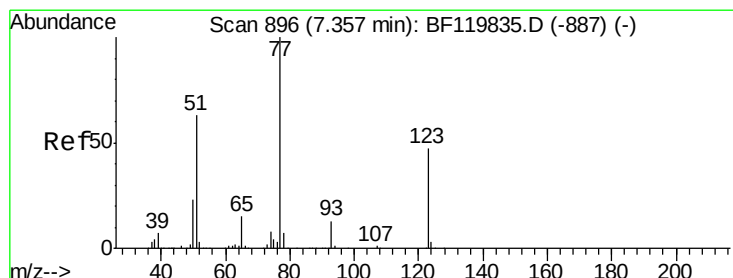
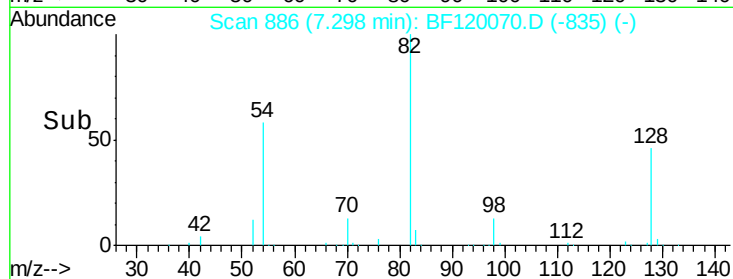
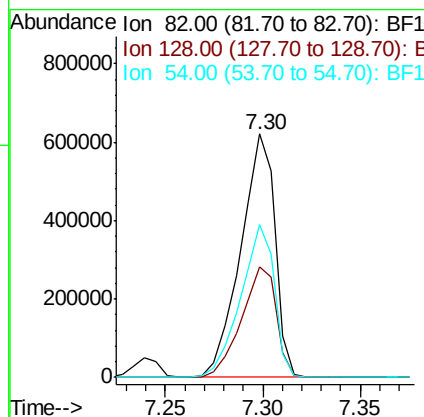
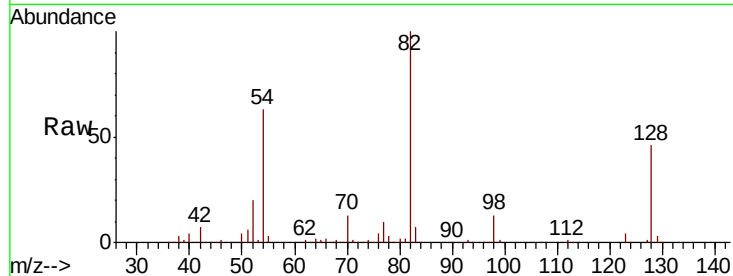
#23
Nitrobenzene-d5
Concen: 63.337 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.2	54.4
54	62.5	50.4	75.6

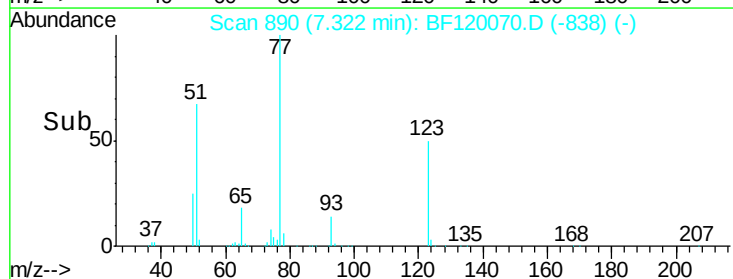
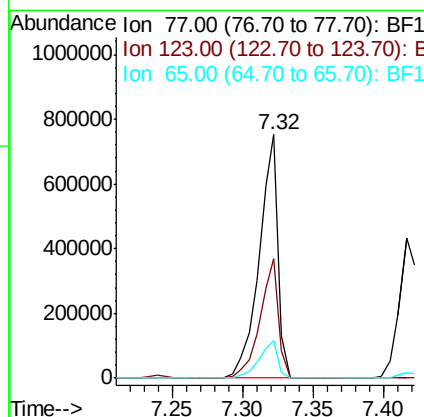
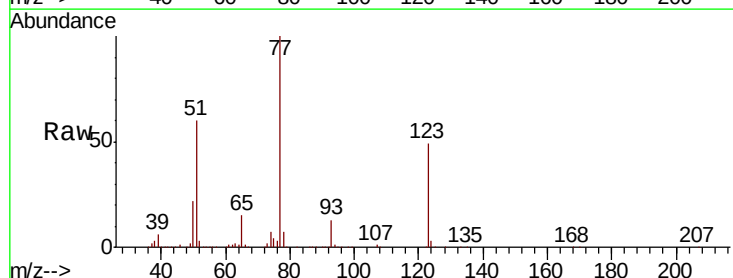
Manual Integrations
APPROVED

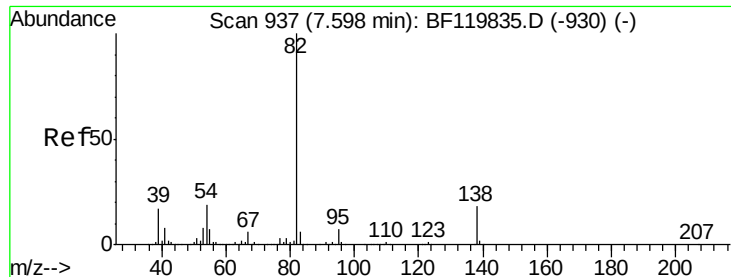
mohammad
4/21/2020 8:22:50 AM



#24
Nitrobenzene
Concen: 58.940 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.8	56.8
65	15.4	12.2	18.2





#25

Isophorone

Concen: 57.664 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMS

Tot Ion: 82 Resp: 1326196

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

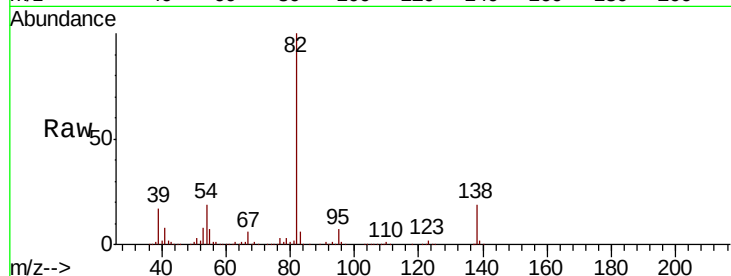
138 18.5 14.5 21.7

Manual Integrations

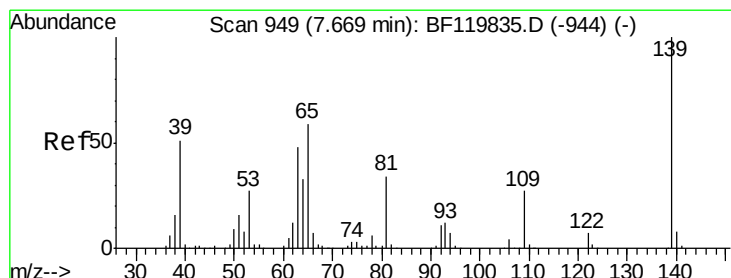
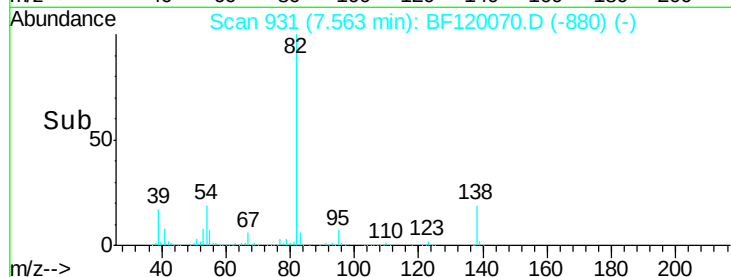
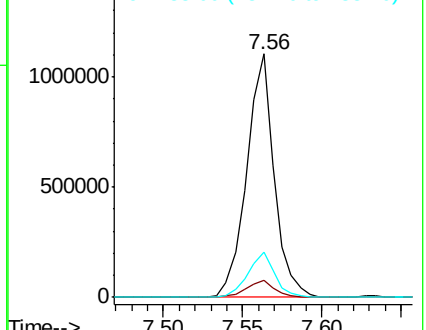
APPROVED

mohammad

4/21/2020 8:22:50 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.786 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

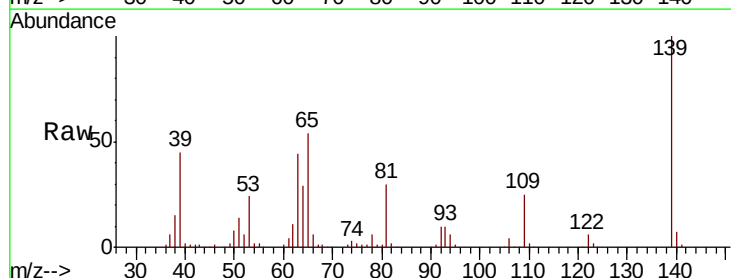
Tgt Ion: 139 Resp: 292526

Ion Ratio Lower Upper

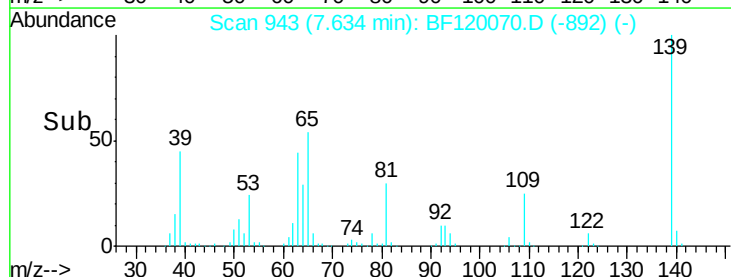
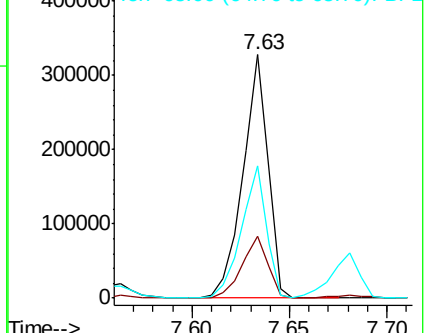
139 100

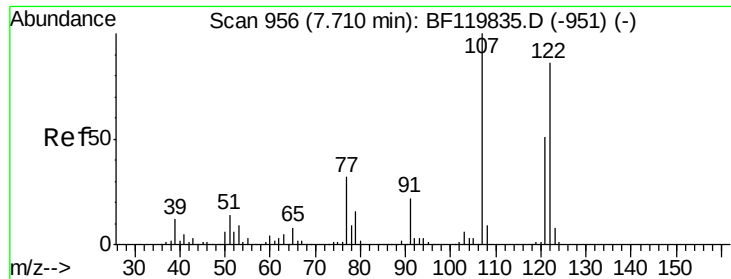
109 25.2 21.8 32.6

65 54.4 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
400000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 62.298 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

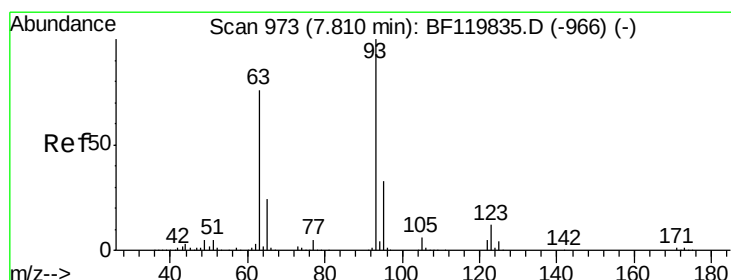
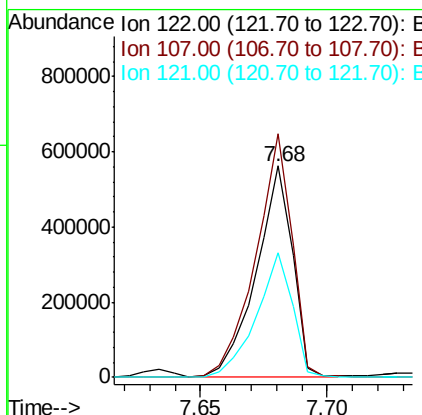
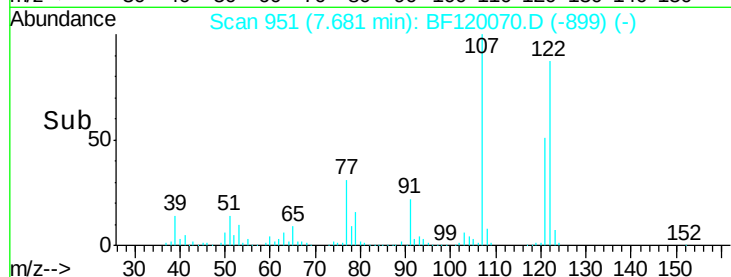
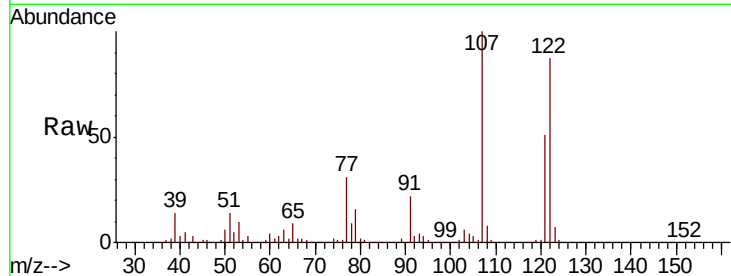
ClientSampleId :

TP-42-41-COMPMS

Tot Ion:	122	Resp:	563375
Ion Ratio	Lower	Upper	
122	100		
107	115.1	92.3	138.5
121	59.2	46.6	70.0

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#28

bis(2-Chloroethoxy)methane

Concen: 63.169 ng

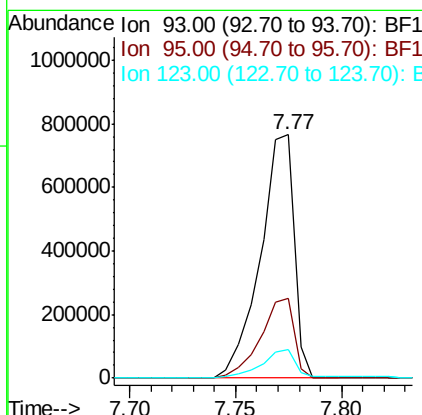
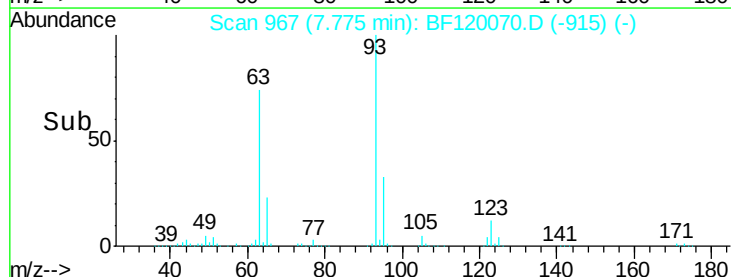
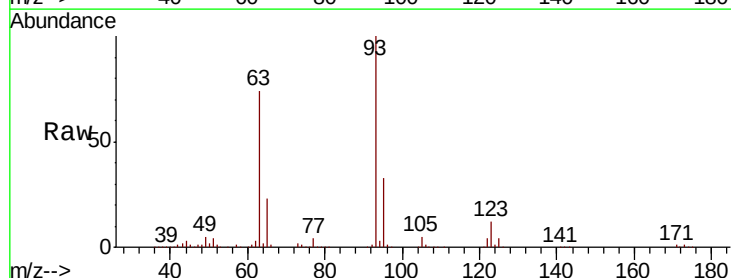
RT: 7.77 min Scan# 967

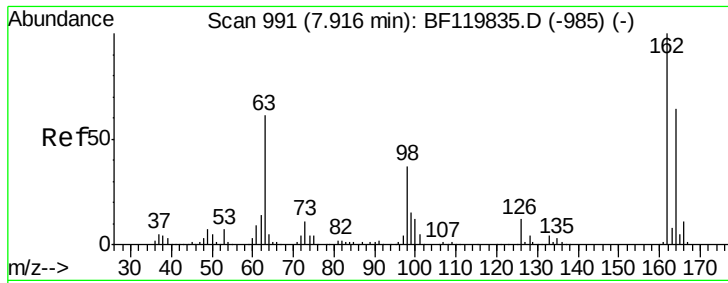
Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:	93	Resp:	854893
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	11.9	9.7	14.5





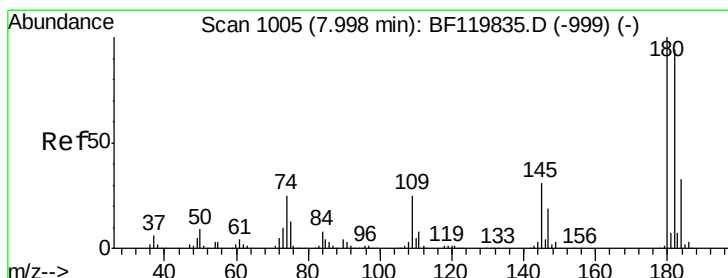
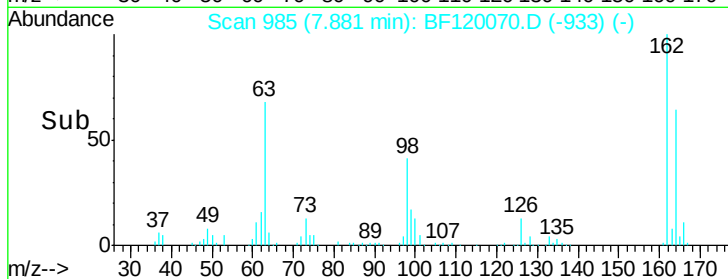
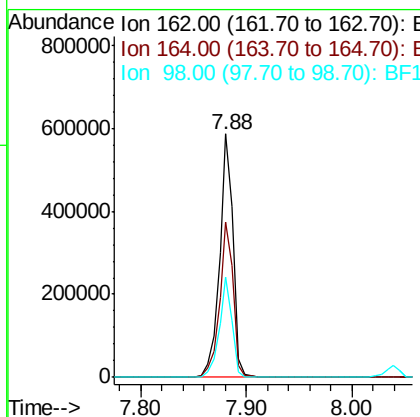
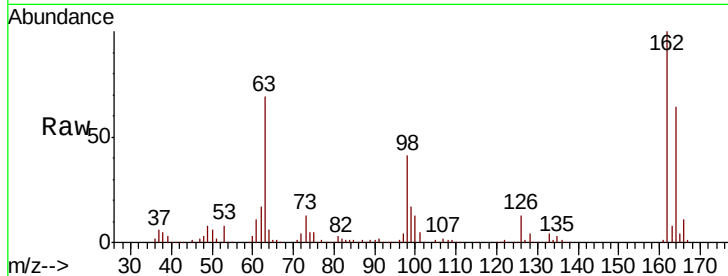
#29
2,4-Dichlorophenol
Concen: 57.313 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.4	84.4
98	41.4	17.3	57.3

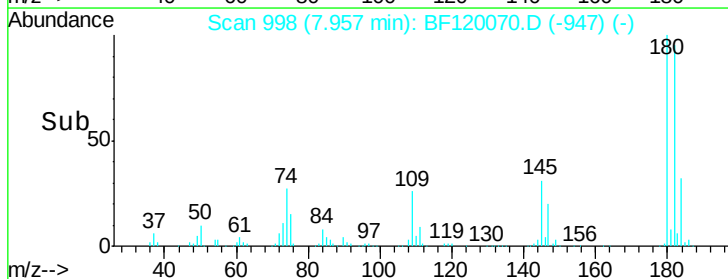
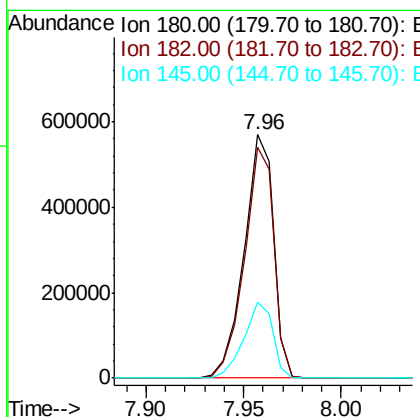
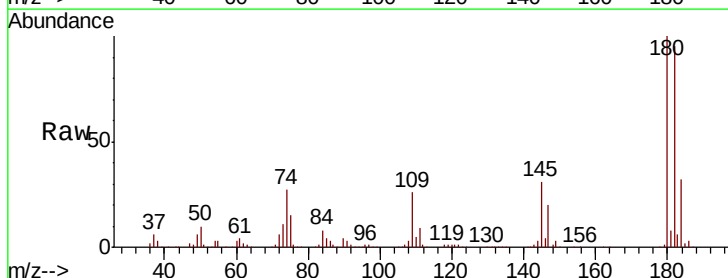
Manual Integrations
APPROVED

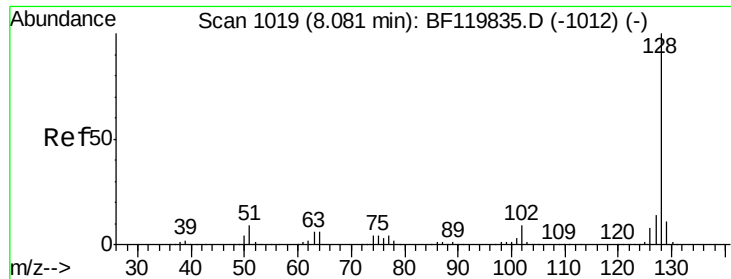
mohammad
4/21/2020 8:22:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 56.630 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	75.4	113.0
145	31.3	24.6	37.0





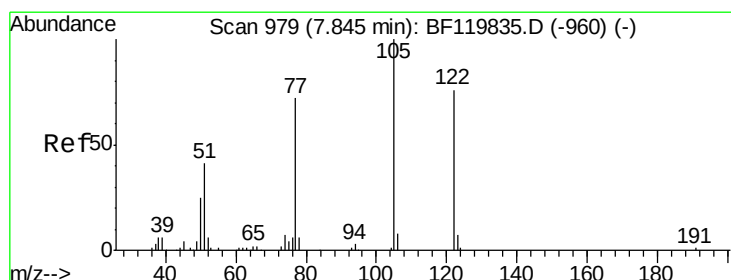
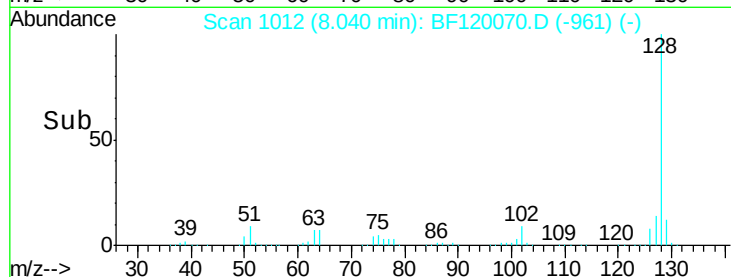
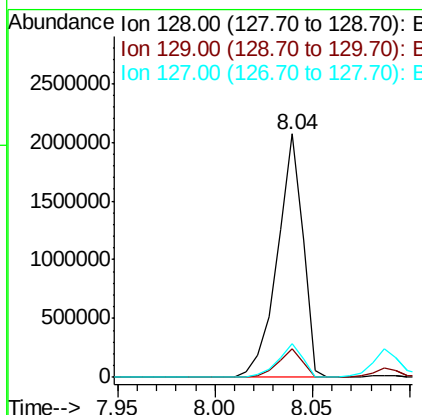
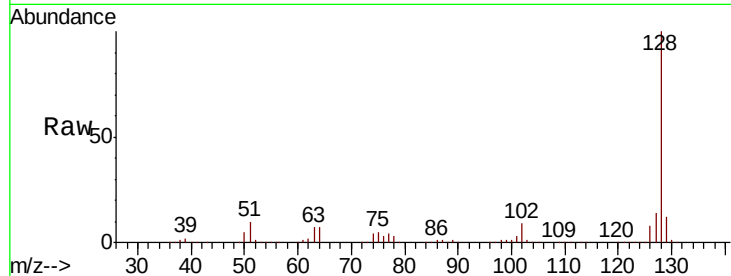
#31
Naphthalene
Concen: 57.744 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion:128 Resp: 1875144
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.7 11.0 16.4

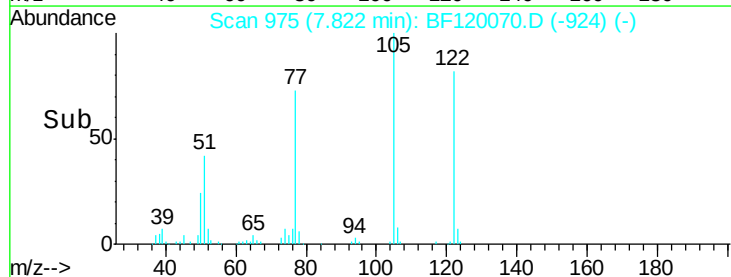
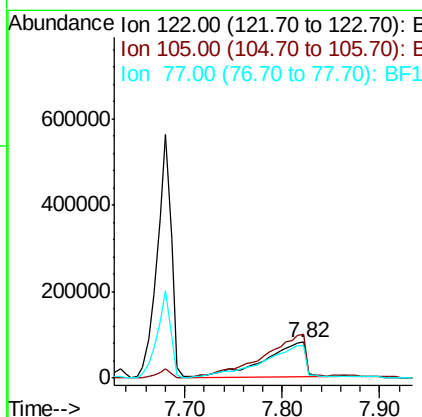
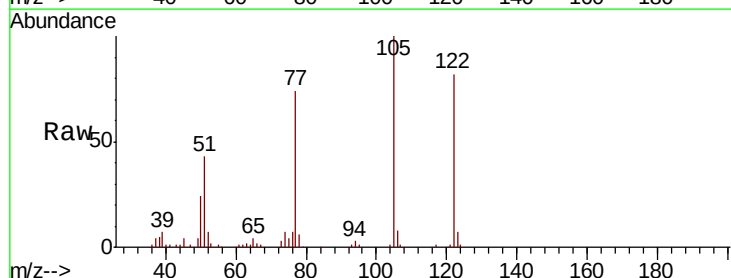
Manual Integrations
APPROVED

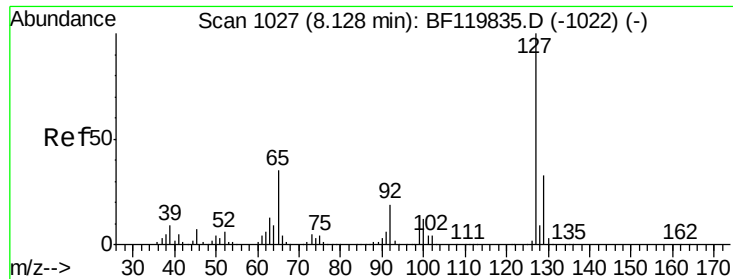
mohammad
4/21/2020 8:22:50 AM



#32
Benzoic acid
Concen: 30.216 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion:122 Resp: 239982
Ion Ratio Lower Upper
122 100
105 122.0 106.7 146.7
77 90.4 72.1 112.1





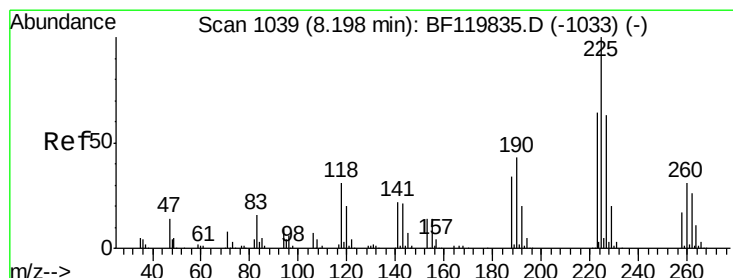
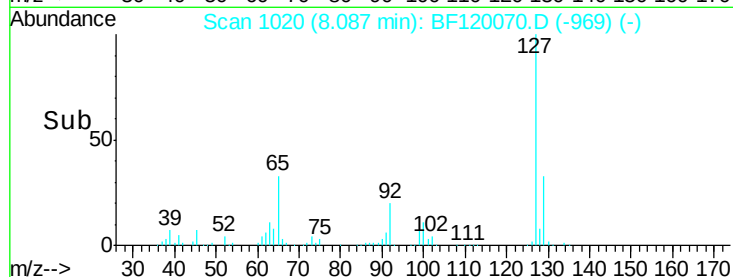
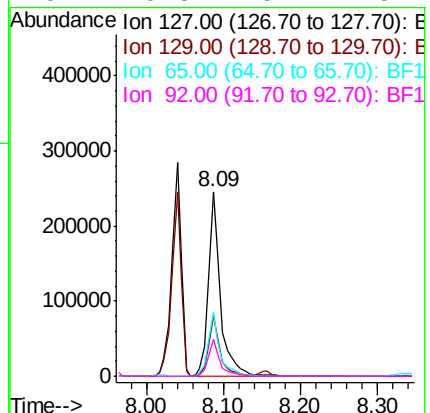
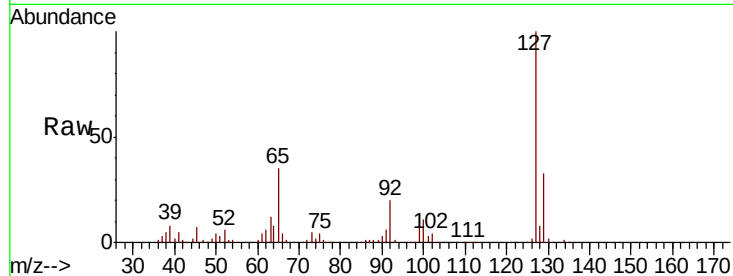
#33
4-Chloroaniline
Concen: 19.065 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		269516		
129	32.6	26.2	39.2		
65	34.6	28.3	42.5		
92	19.8	15.4	23.2		

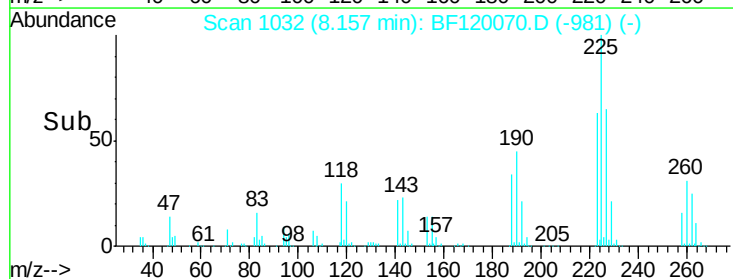
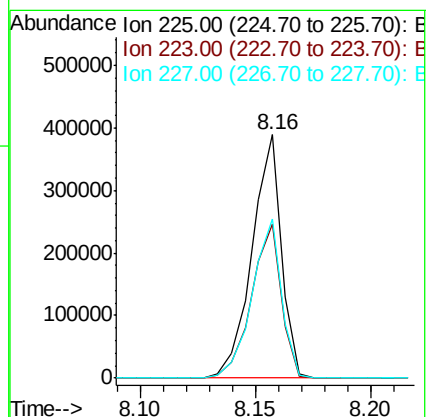
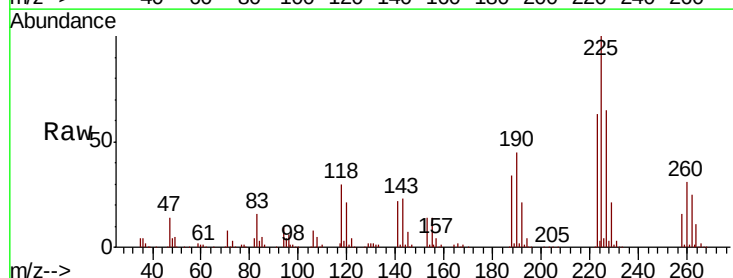
Manual Integrations
APPROVED

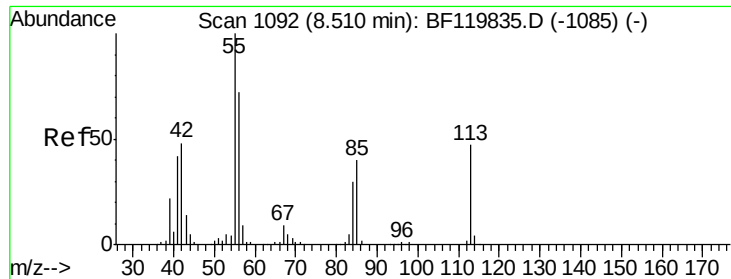
mohammad
4/21/2020 8:22:50 AM



#34
Hexachlorobutadiene
Concen: 55.167 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		346852		
223	63.2	51.0	76.6		
227	65.5	50.4	75.6		





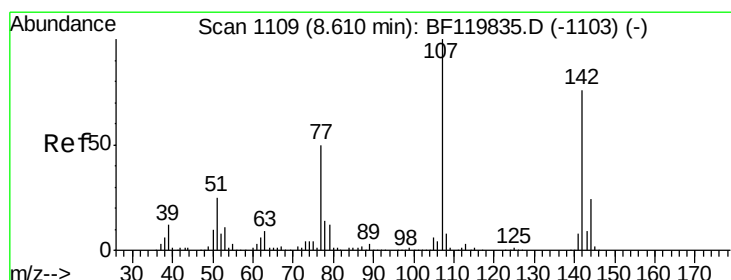
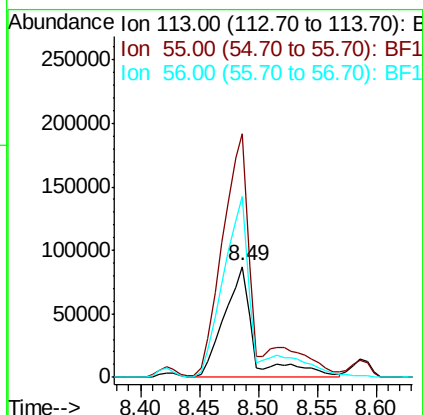
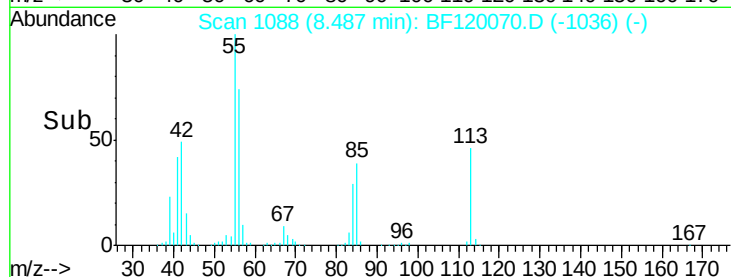
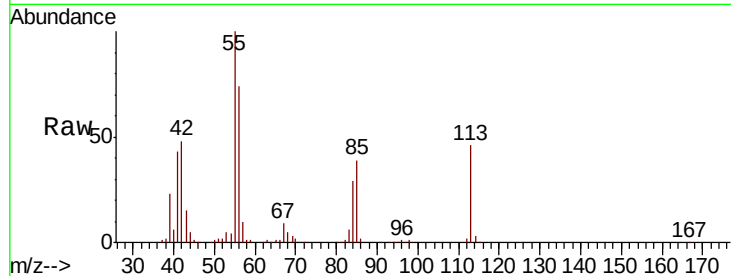
#35
Caprolactam
Concen: 54.603 ng/ml
RT: 8.49 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.4	192.7	232.7
56	162.7	133.3	173.3

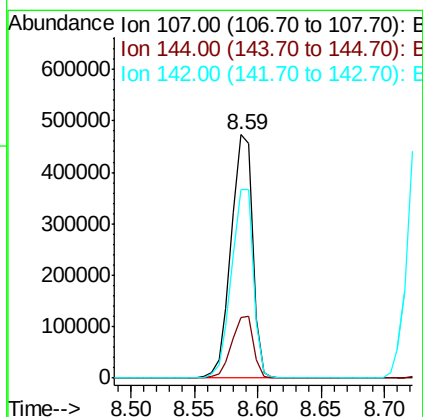
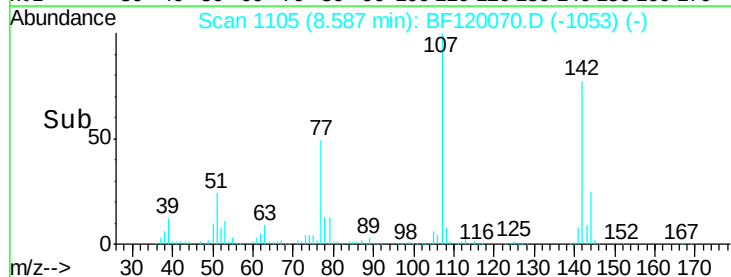
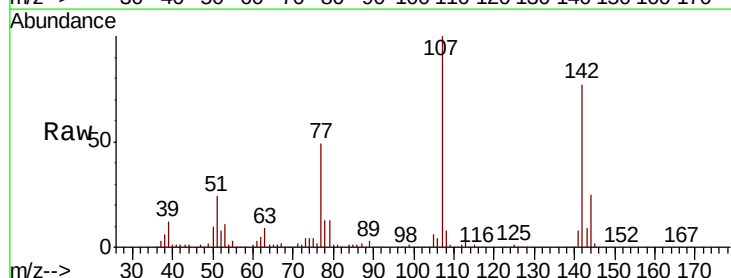
Manual Integrations
APPROVED

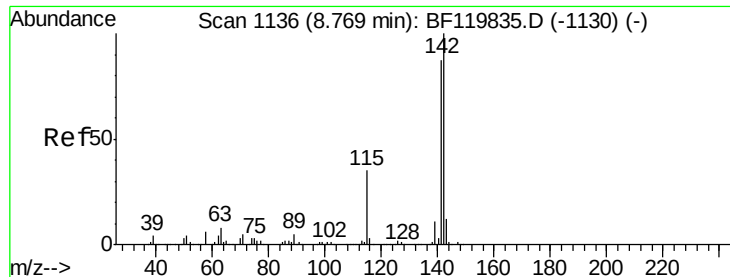
mohammad
4/21/2020 8:22:50 AM



#36
4-Chloro-3-methylphenol
Concen: 55.478 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.5	29.3
142	77.3	60.5	90.7





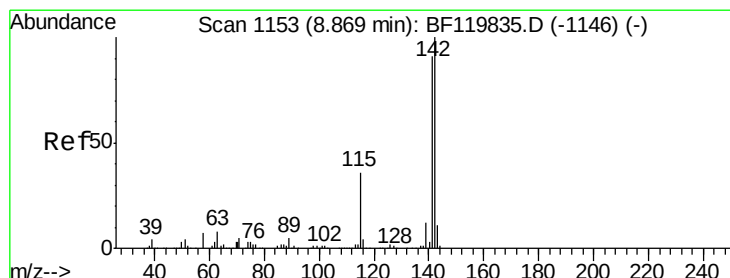
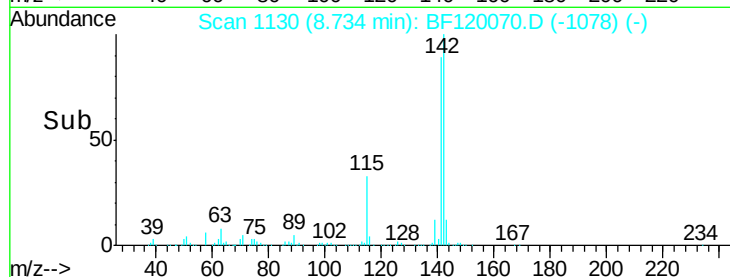
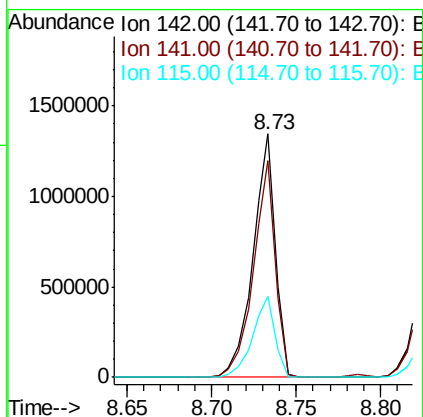
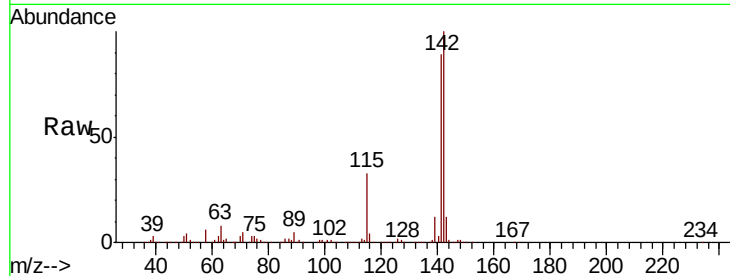
#37
2-Methylnaphthalene
Concen: 56.378 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.9	104.9
115	33.5	28.0	42.0

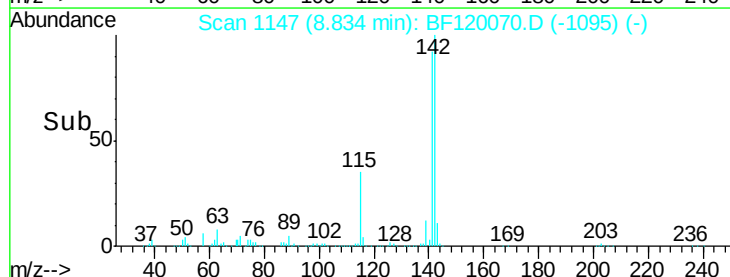
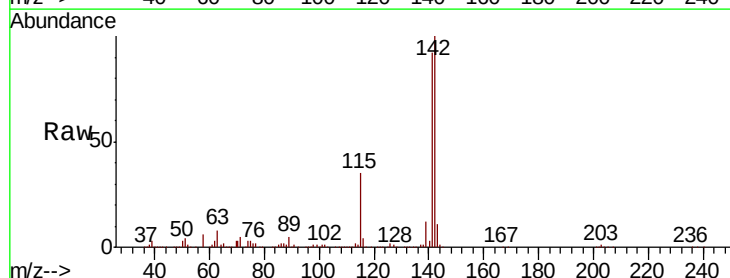
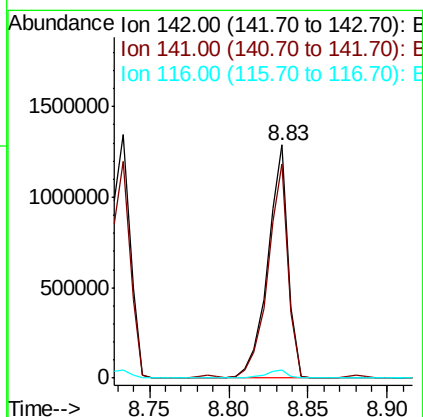
Manual Integrations
APPROVED

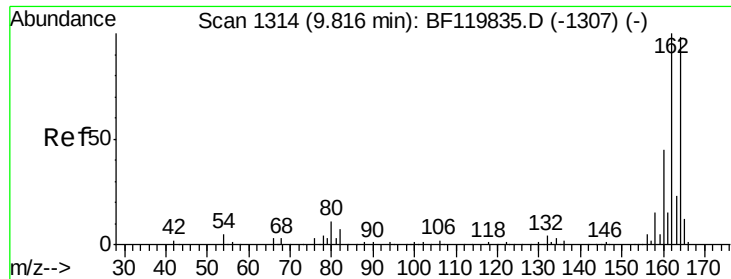
mohammad
4/21/2020 8:22:50 AM



#38
1-Methylnaphthalene
Concen: 55.712 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.9	109.3
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

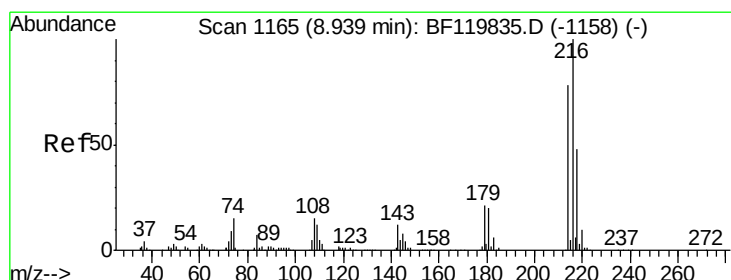
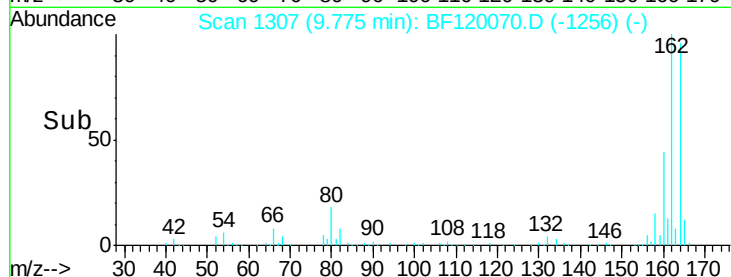
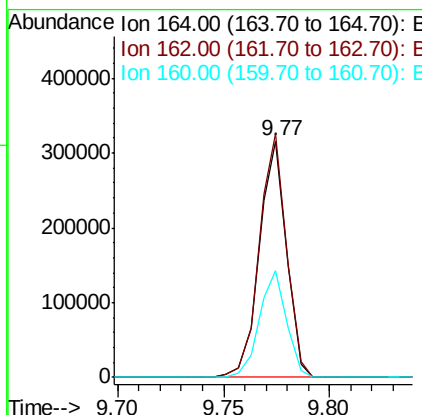
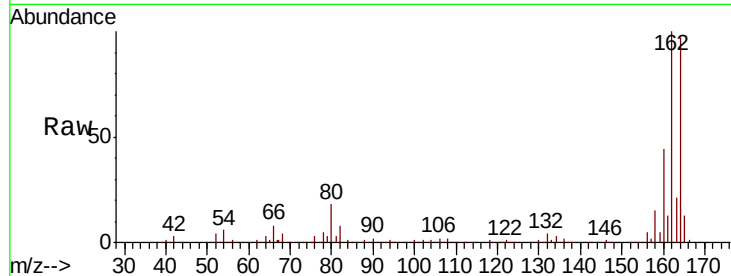
ClientSampleId :

TP-42-41-COMPMS

Tot Ion:	164	Resp:	282434
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.9	122.9
160	45.2	36.6	54.8

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.312 ng

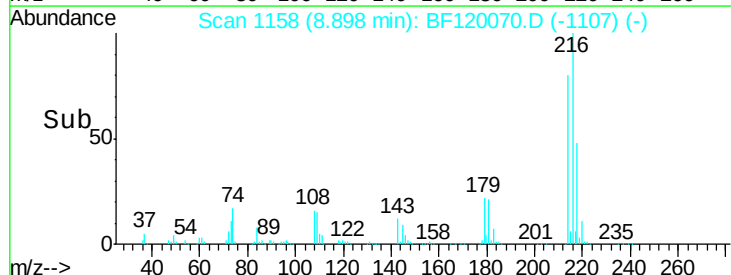
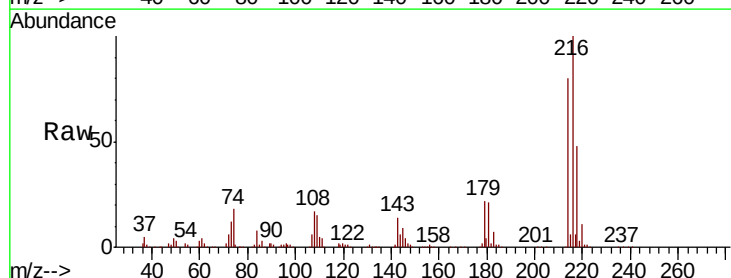
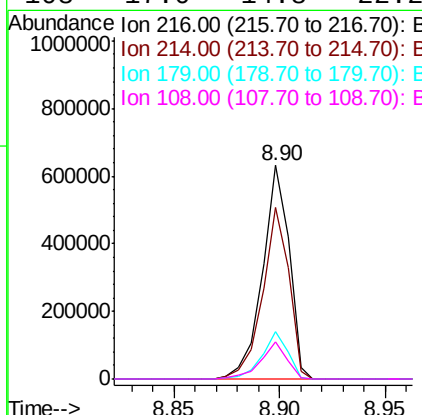
RT: 8.90 min Scan# 1158

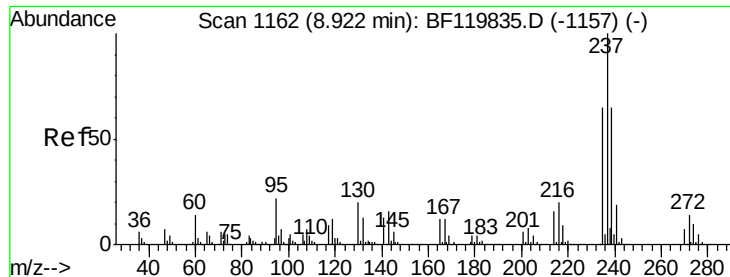
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:	216	Resp:	555853
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.1	94.7
179	21.1	17.0	25.4
108	17.0	14.8	22.2





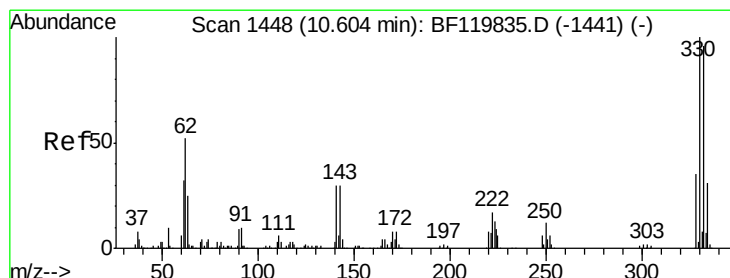
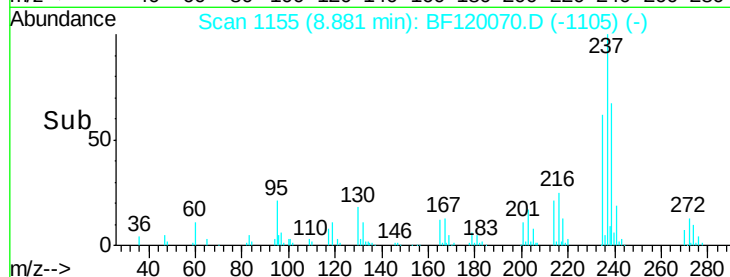
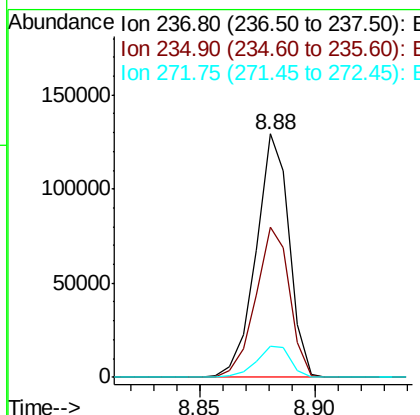
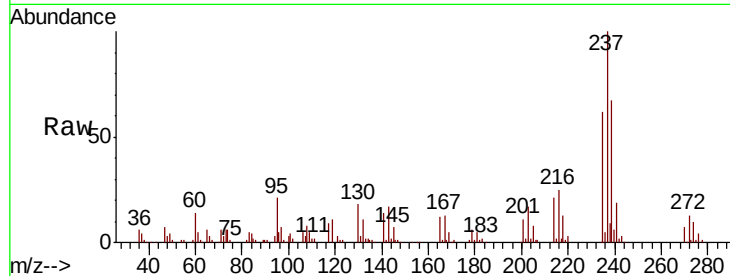
#41
Hexachlorocyclopentadiene
Concen: 25.384 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	128762		
235	61.6	44.9	84.9	
272	12.7	0.0	33.6	

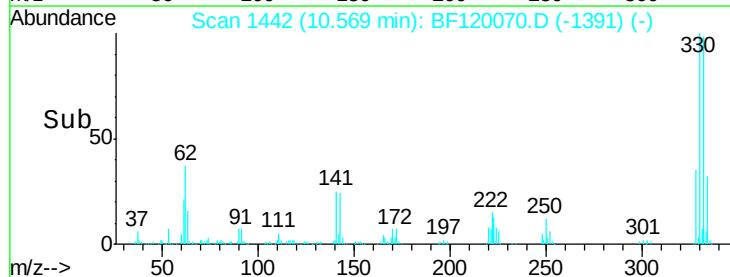
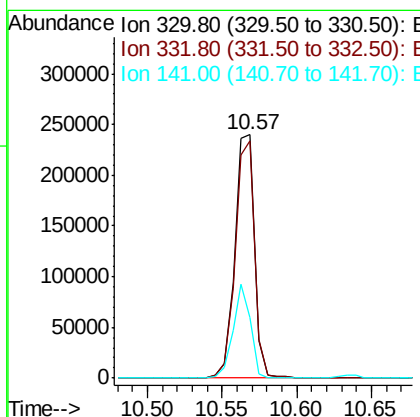
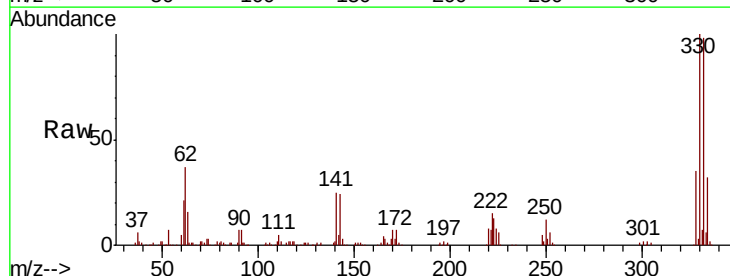
Manual Integrations
APPROVED

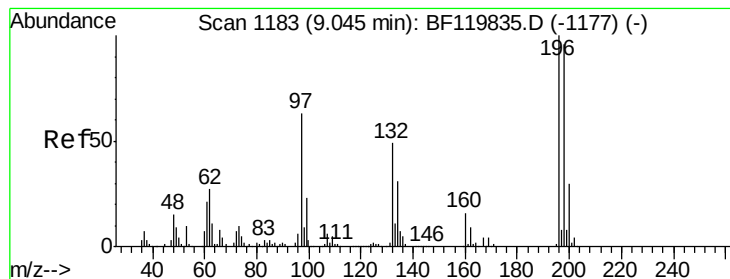
mohammad
4/21/2020 8:22:50 AM



#42
2,4,6-Tribromophenol
Concen: 64.787 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	224030		
332	96.1	76.8	115.2	
141	34.8	25.1	37.7	





#43

2,4,6-Trichlorophenol

Concen: 57.564 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

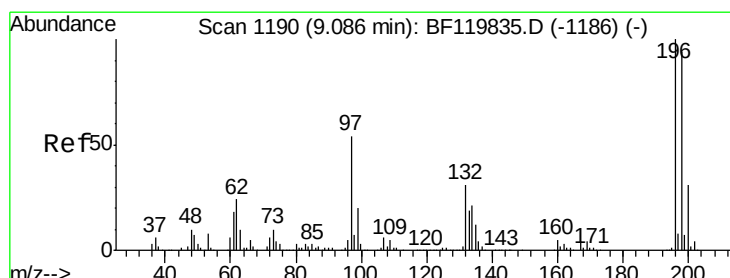
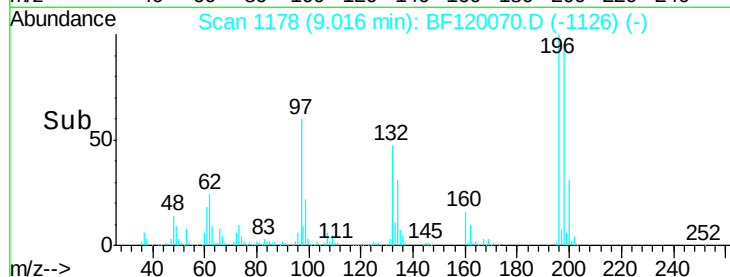
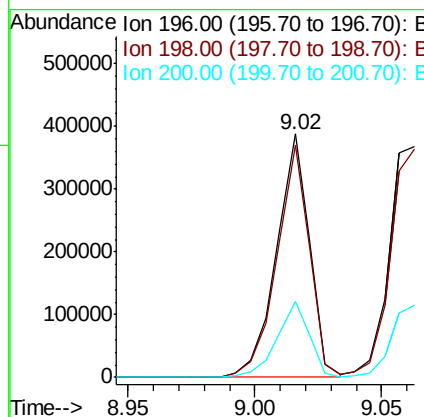
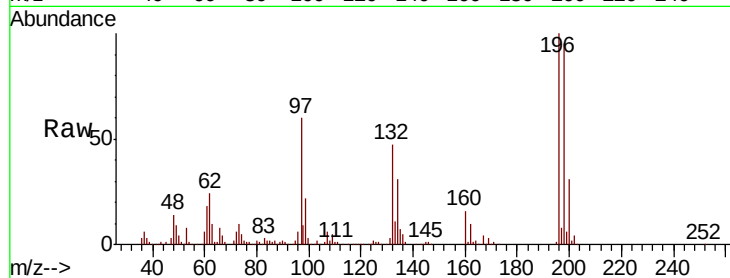
ClientSampleId :

TP-42-41-COMPMS

Tot Ion:	196	Resp:	354591
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.6	115.0
200	31.2	24.2	36.2

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#44

2,4,5-Trichlorophenol

Concen: 50.564 ng

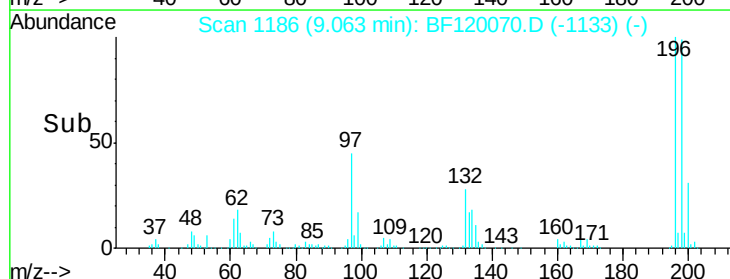
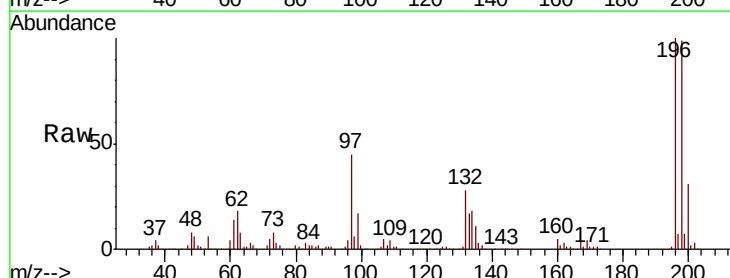
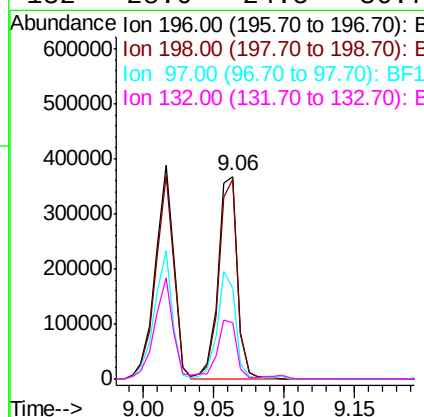
RT: 9.06 min Scan# 1186

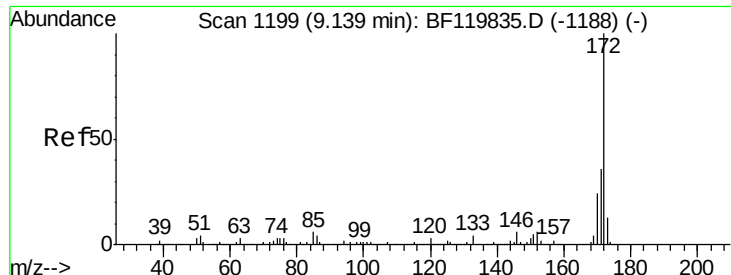
Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion:	196	Resp:	350812
Ion Ratio	Lower	Upper	
196	100		
198	98.6	75.1	112.7
97	44.8	43.4	65.2
132	28.0	24.5	36.7





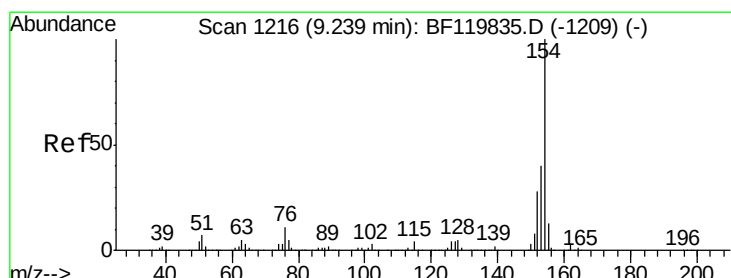
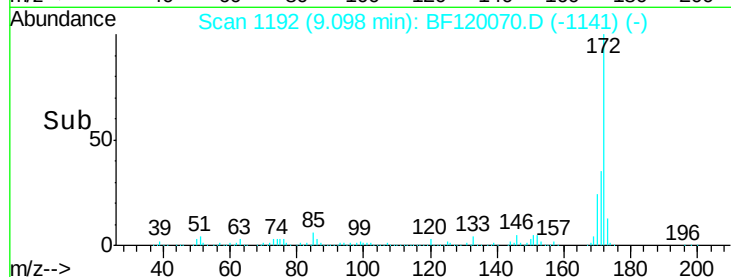
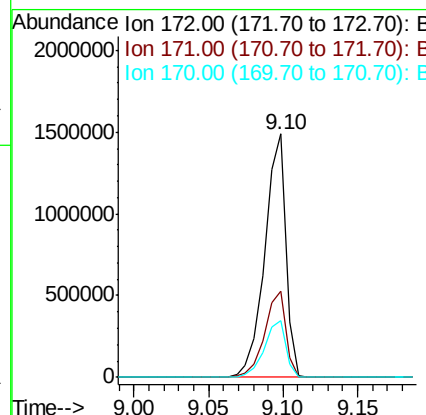
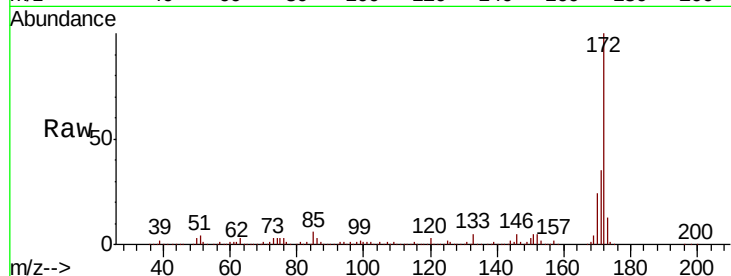
#45
2-Fluorobiphenyl
Concen: 72.073 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.4	28.9	43.3	
170	23.5	19.4	29.2	

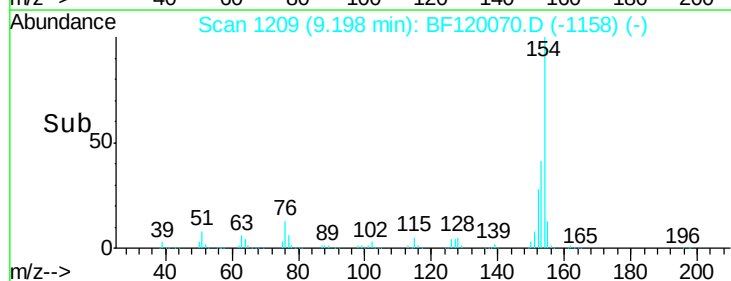
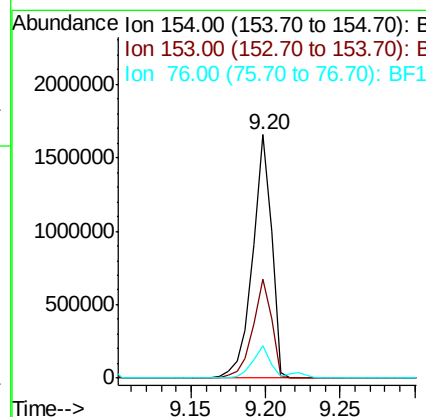
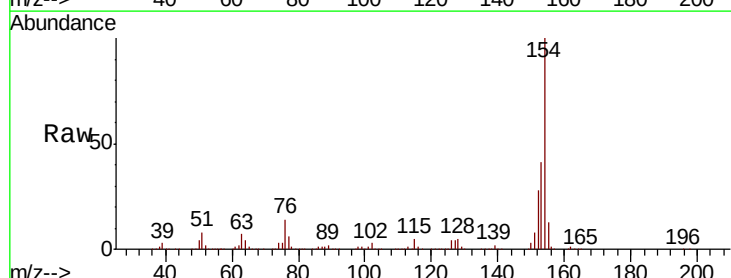
Manual Integrations
APPROVED

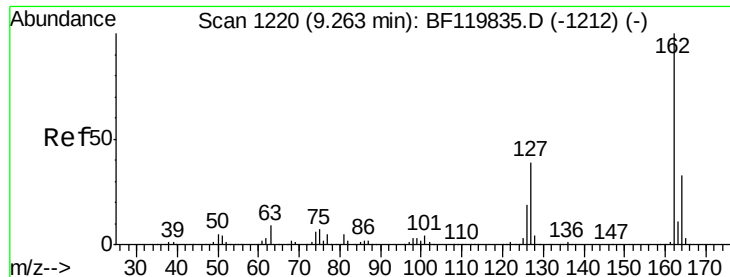
mohammad
4/21/2020 8:22:50 AM



#46
1,1'-Biphenyl
Concen: 60.757 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.5	20.5	60.5	
76	13.5	0.0	30.6	





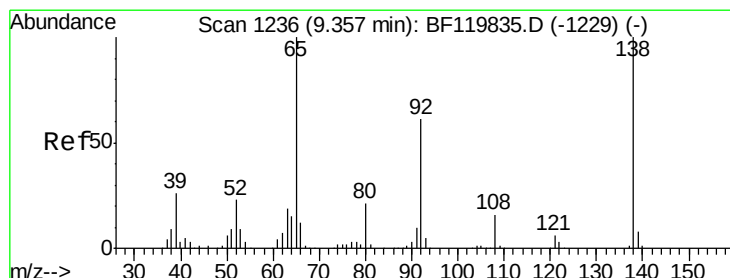
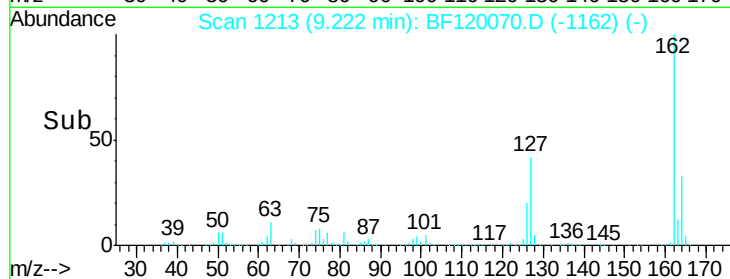
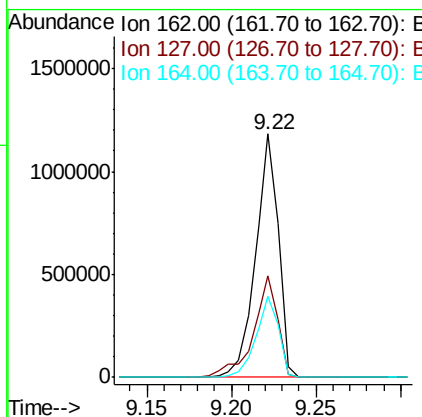
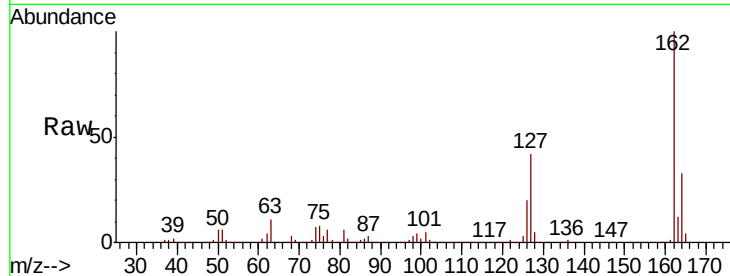
#47
2-Chloronaphthalene
Concen: 60.250 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.9	31.2	46.8	
164	33.1	26.3	39.5	

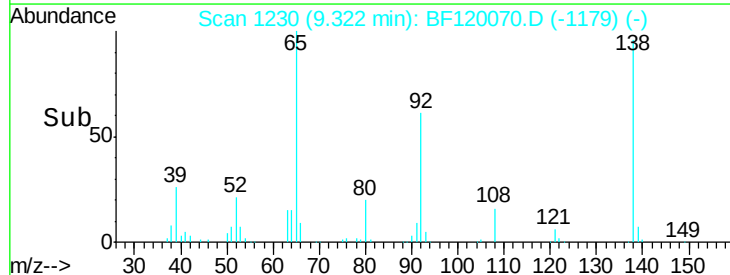
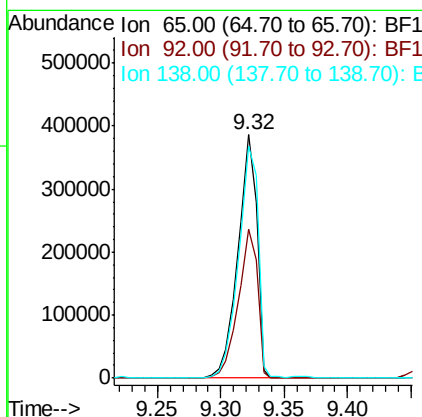
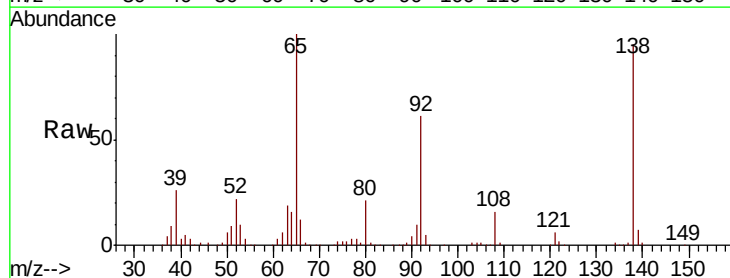
Manual Integrations
APPROVED

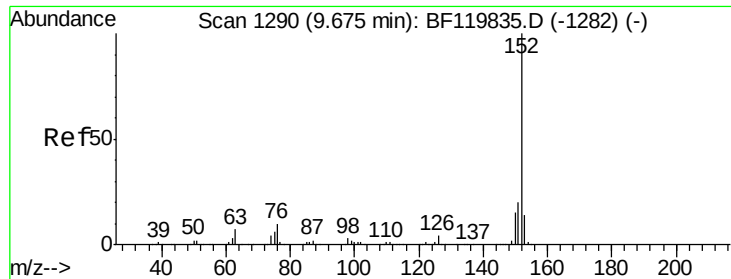
mohammad
4/21/2020 8:22:50 AM



#48
2-Nitroaniline
Concen: 59.438 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	61.2	49.0	73.6	
138	95.5	79.7	119.5	





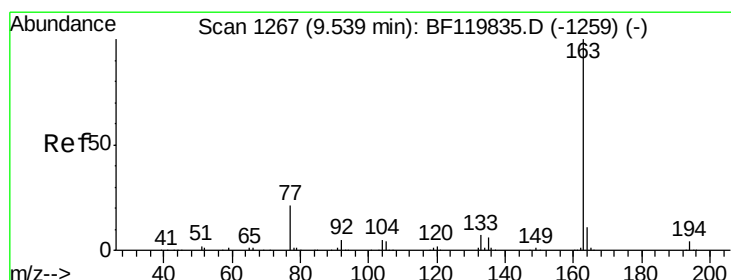
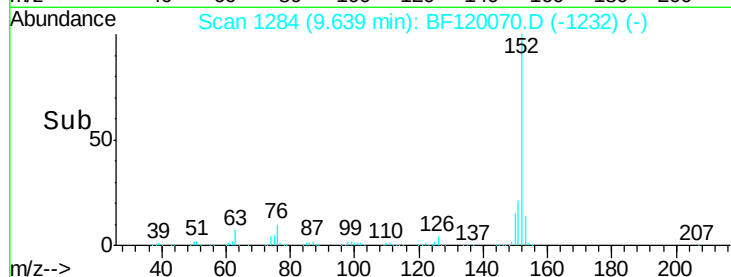
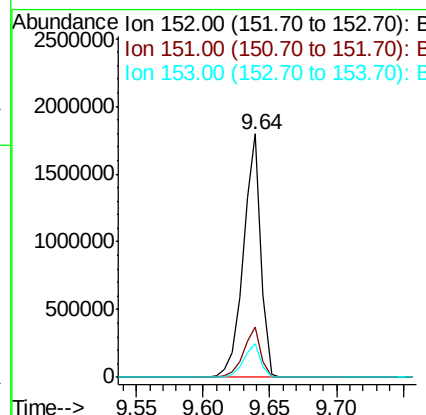
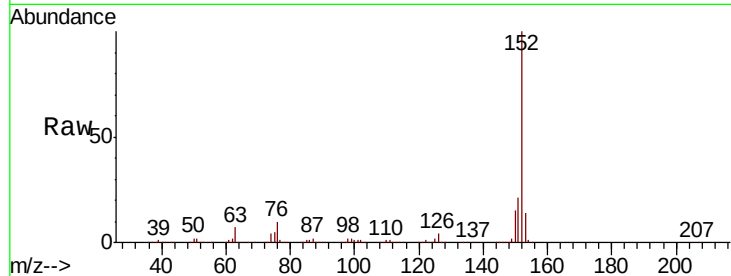
#49
Acenaphthylene
Concen: 58.112 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.7	10.9	16.3

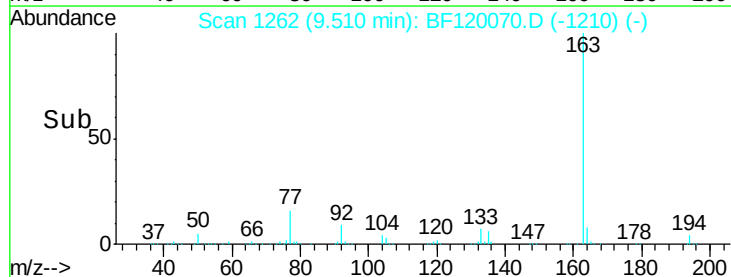
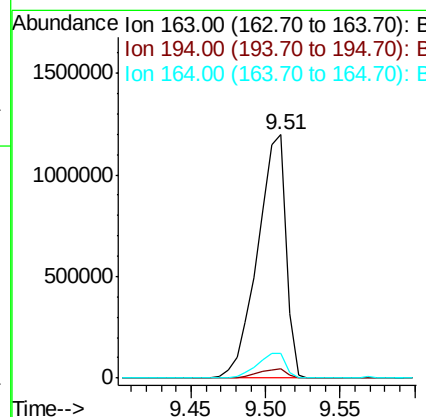
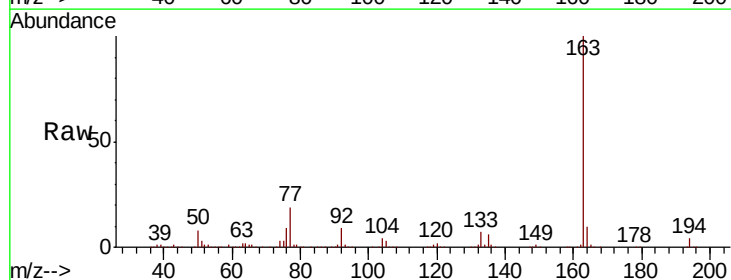
Manual Integrations
APPROVED

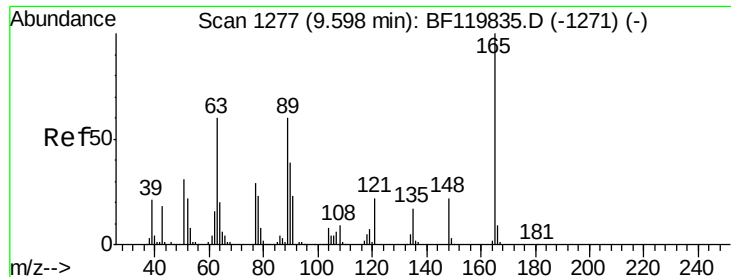
mohammad
4/21/2020 8:22:50 AM



#50
Dimethylphthalate
Concen: 71.551 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.1	8.4	12.6





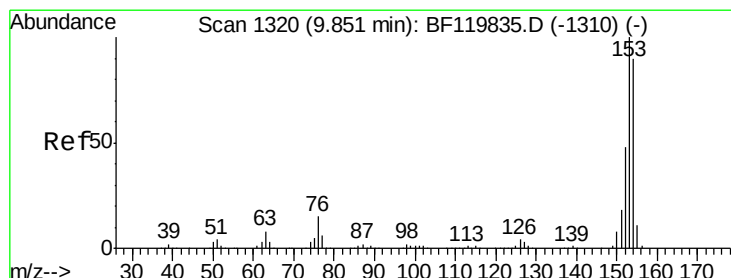
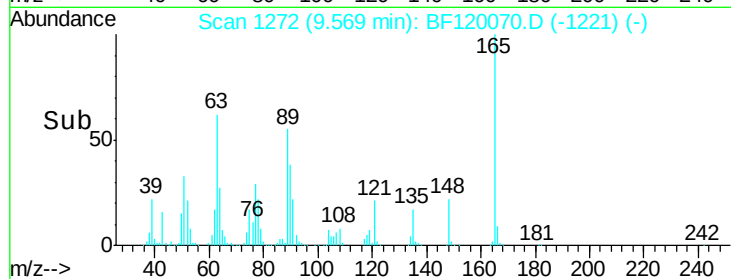
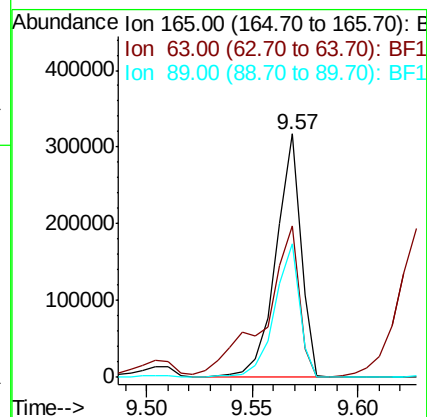
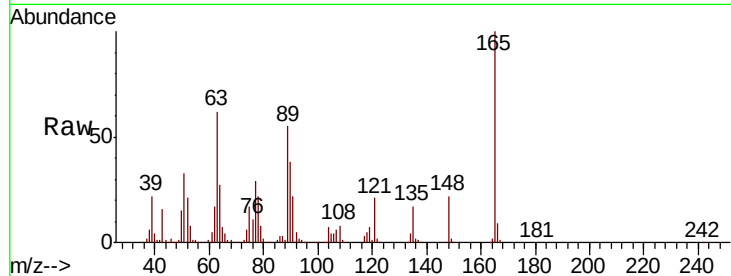
#51
2,6-Dinitrotoluene
Concen: 54.647 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	55.6	83.4
89	54.7	47.9	71.9

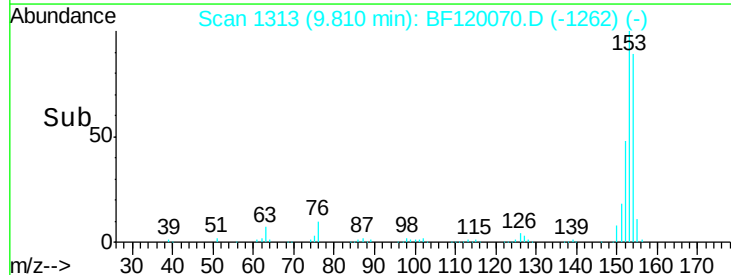
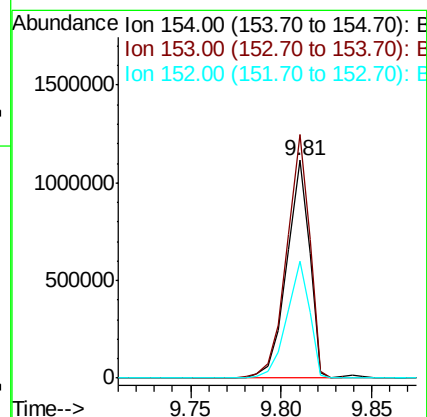
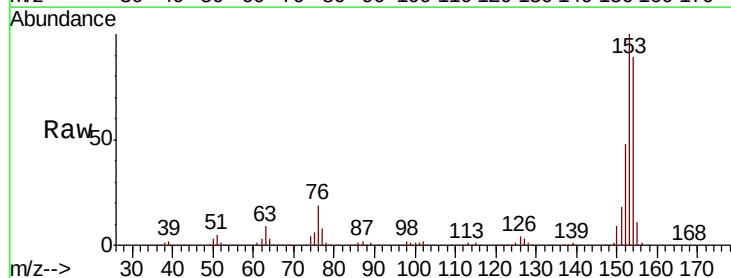
Manual Integrations
APPROVED

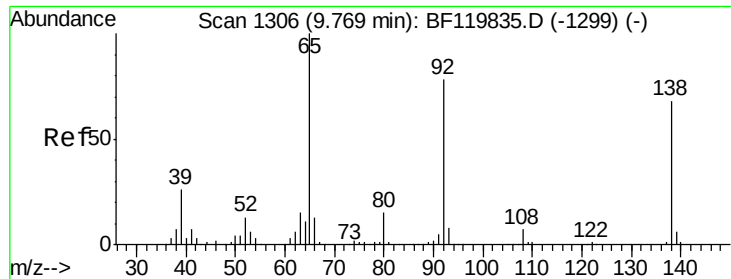
mohammad
4/21/2020 8:22:50 AM



#52
Acenaphthene
Concen: 52.853 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.8	133.2
152	53.5	42.4	63.6





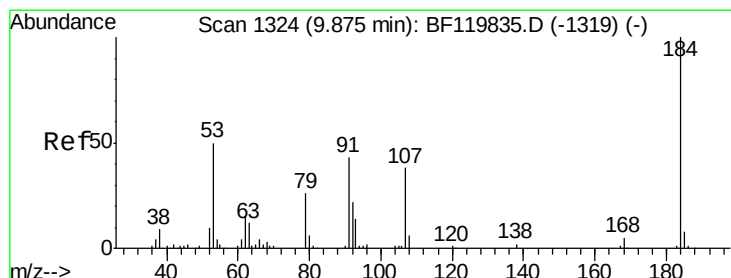
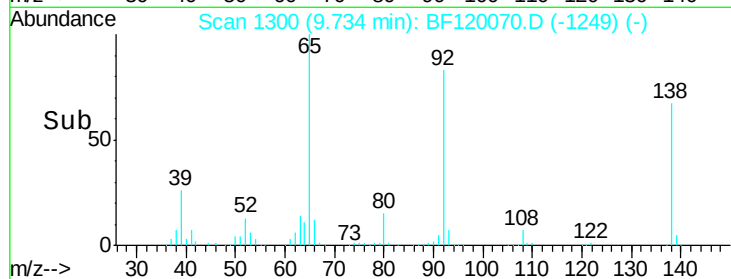
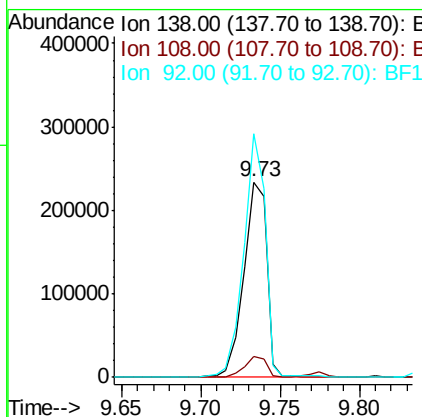
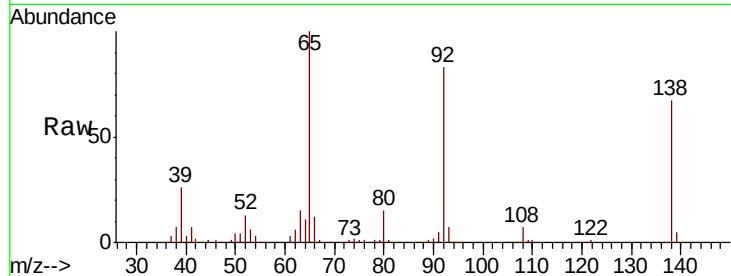
#53
3-Nitroaniline
Concen: 42.956 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	124.8	92.1	138.1

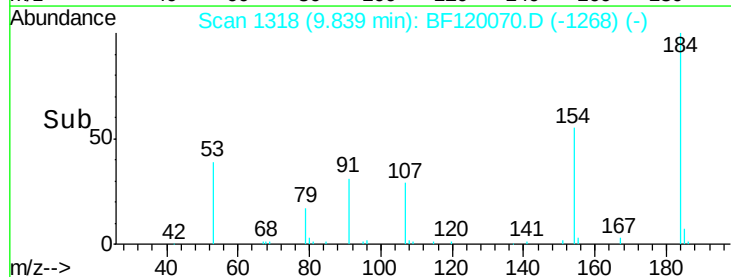
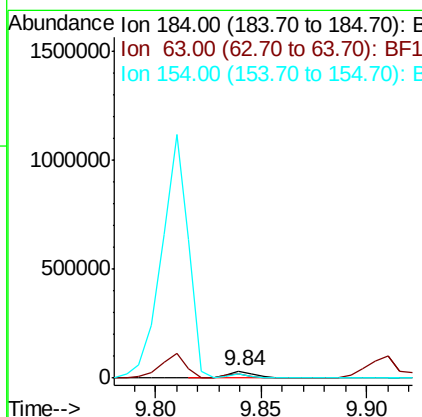
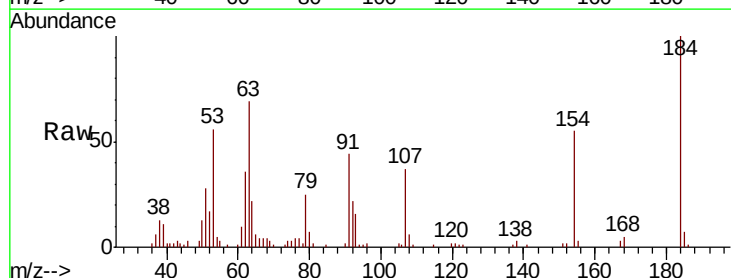
Manual Integrations
APPROVED

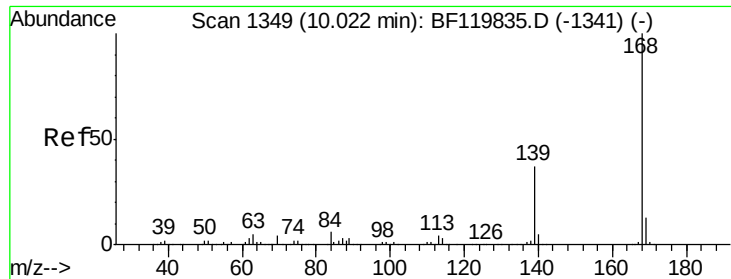
mohammad
4/21/2020 8:22:50 AM



#54
2,4-Dinitrophenol
Concen: 9.883 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	49.8	74.6
154	55.1	46.5	69.7





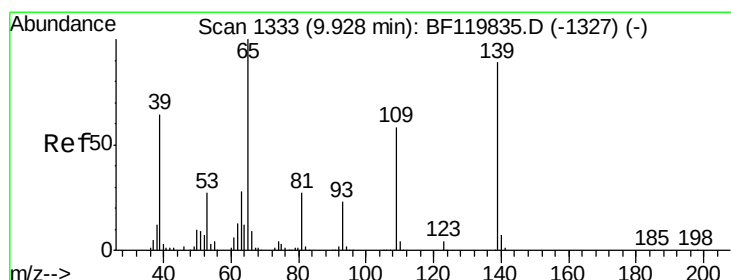
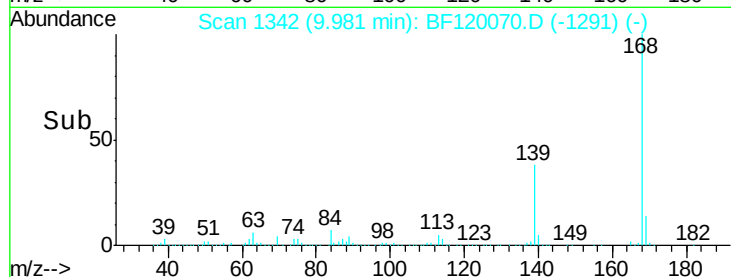
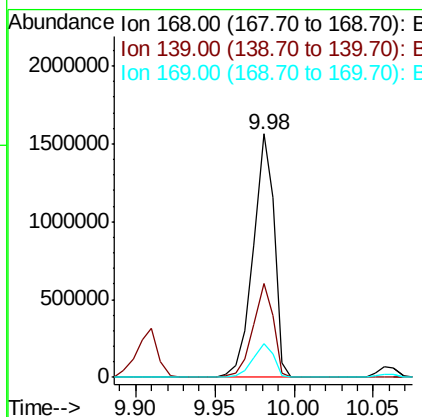
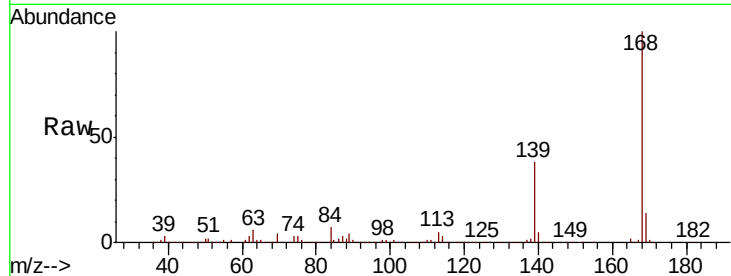
#55
Dibenzofuran
Concen: 56.101 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.8	44.6
169	13.7	10.6	15.8

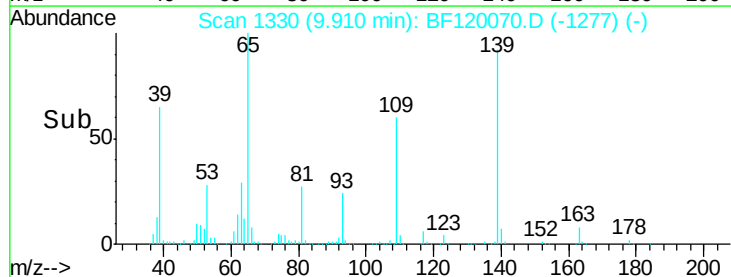
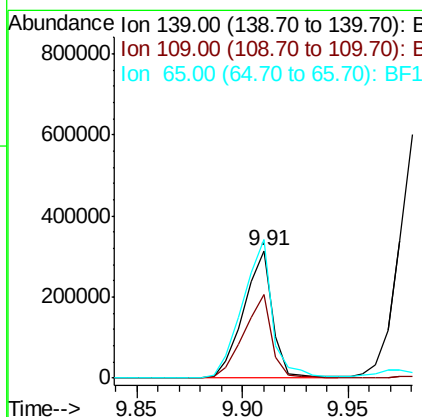
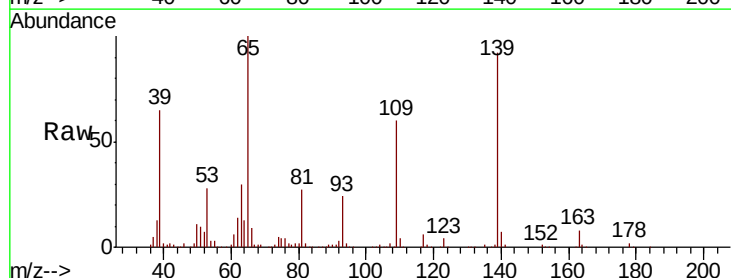
Manual Integrations
APPROVED

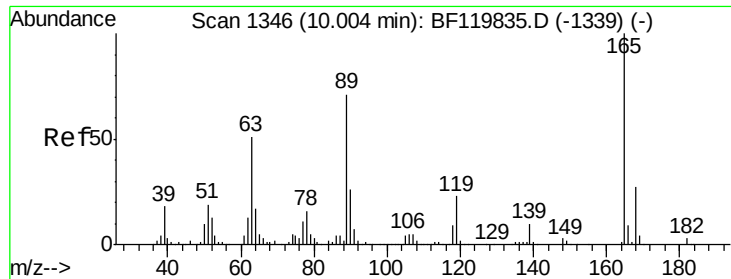
mohammad
4/21/2020 8:22:50 AM



#56
4-Nitrophenol
Concen: 73.666 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	45.5	85.5
65	108.6	92.3	132.3





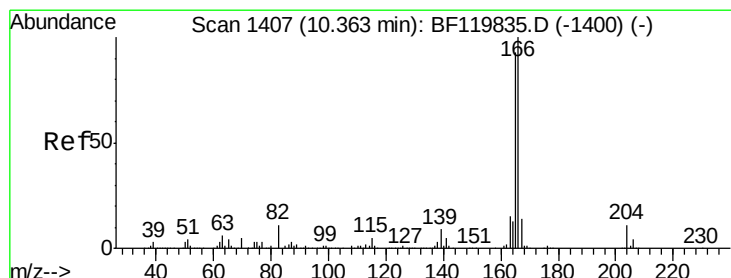
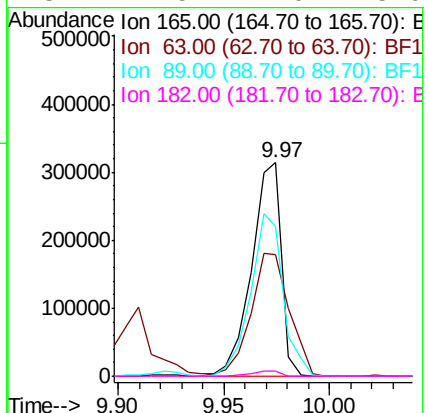
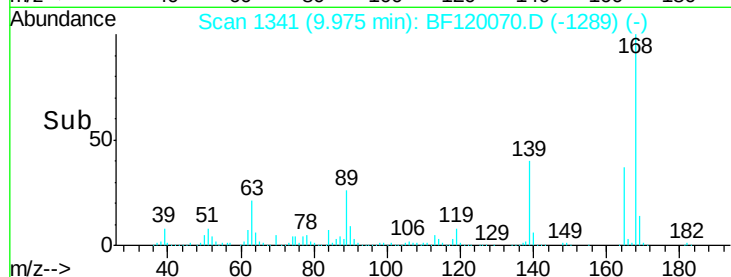
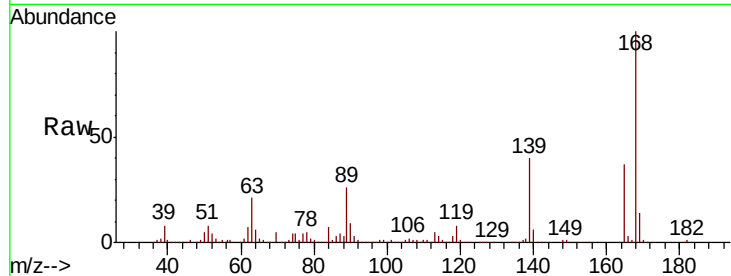
#57
2,4-Dinitrotoluene
Concen: 48.736 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	40.8	61.2
89	70.1	56.9	85.3
182	2.5	2.0	3.0

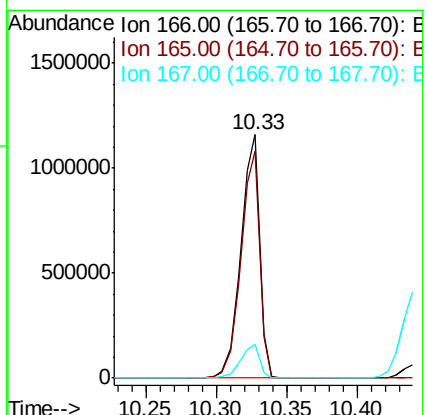
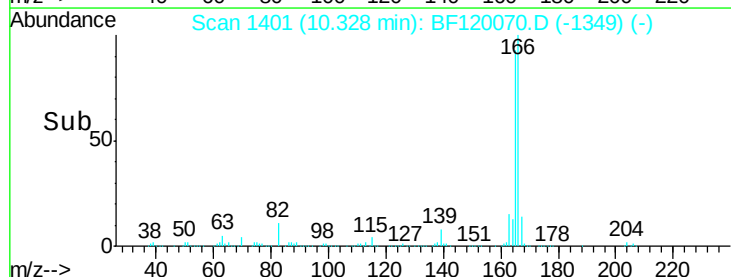
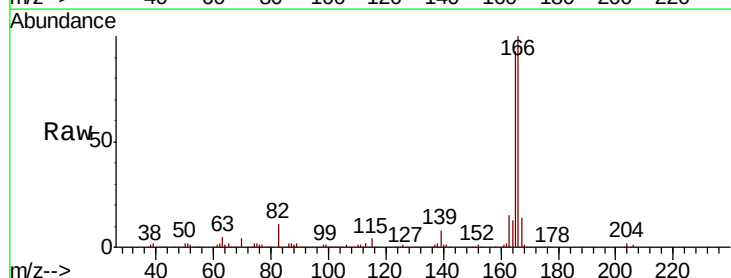
Manual Integrations
APPROVED

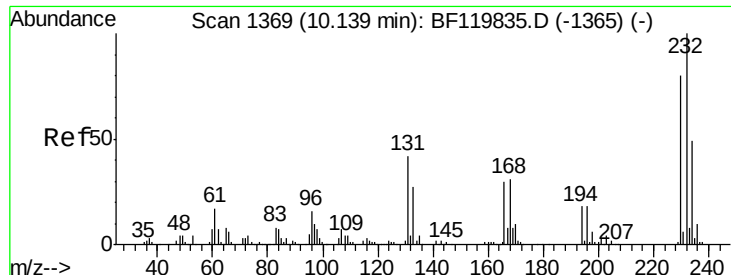
mohammad
4/21/2020 8:22:50 AM



#58
Fluorene
Concen: 52.139 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.2	111.2
167	13.7	10.8	16.2





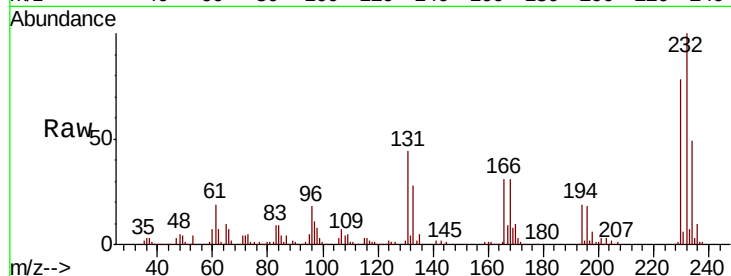
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.464 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

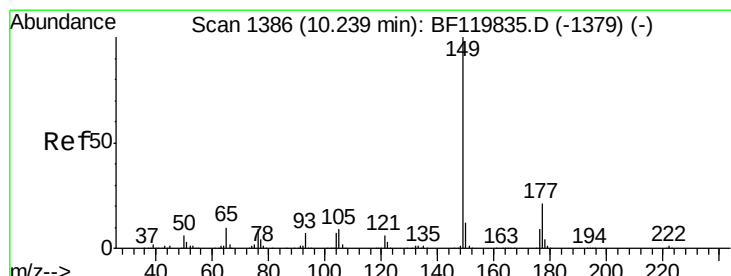
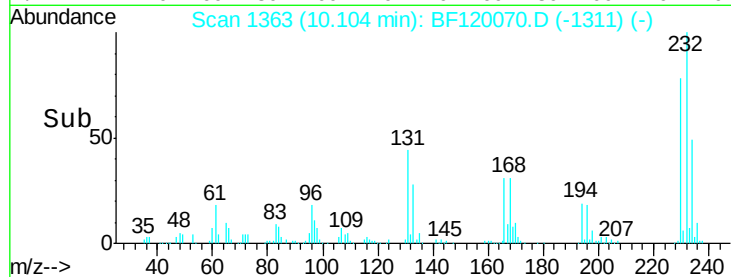
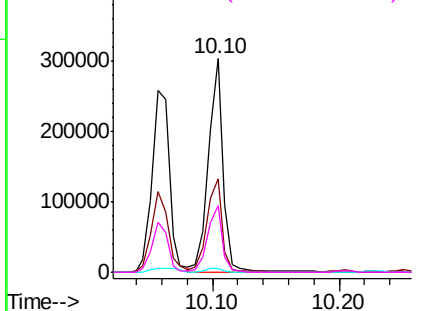
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		246551		
131	44.8	37.9	56.9		
130	2.1	1.8	2.6		
166	31.5	25.4	38.0		

Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:22:50 AM



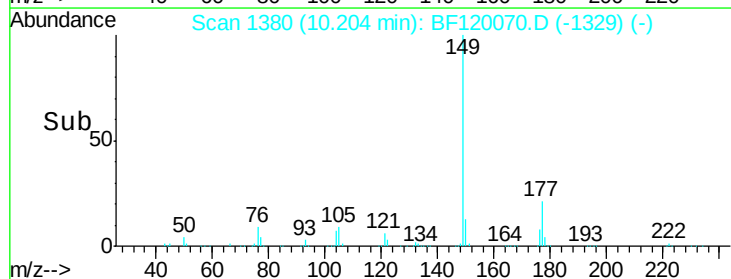
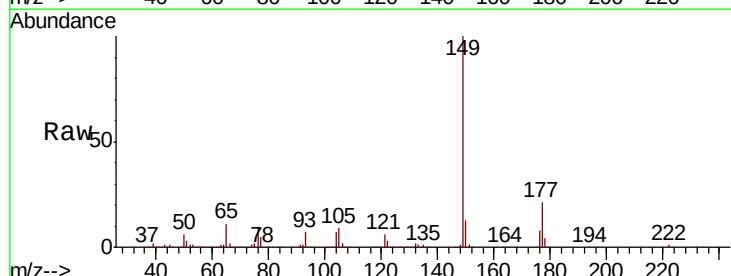
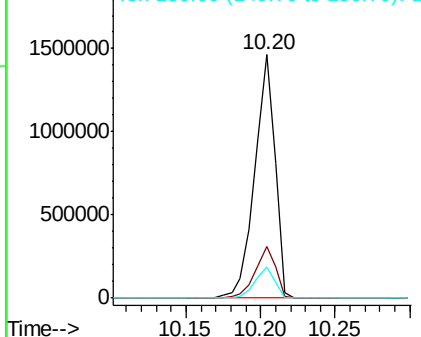
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

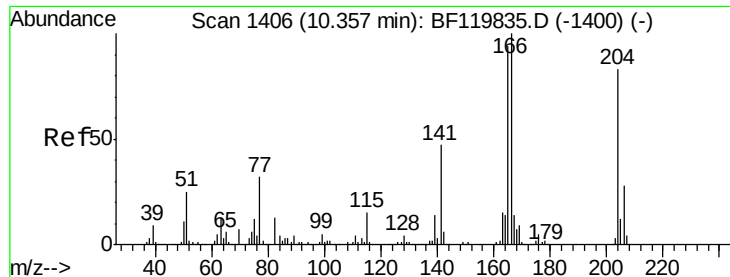


#60
 Diethylphthalate
 Concen: 60.034 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1359285		
177	21.0	16.8	25.2		
150	12.5	9.8	14.6		

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





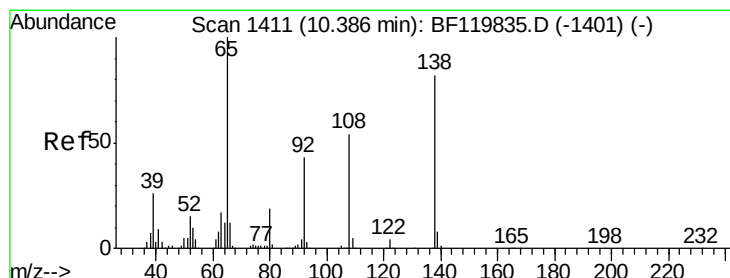
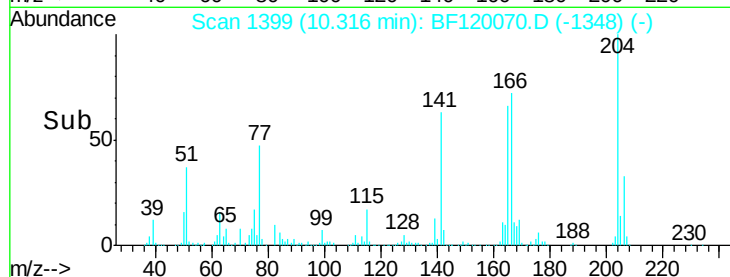
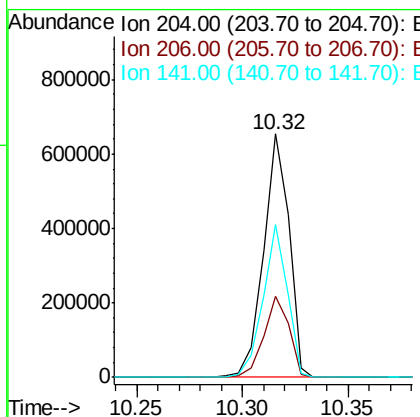
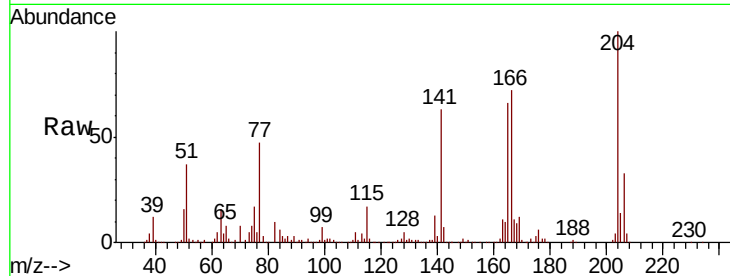
#61
 4-Chlorophenyl-phenylether
 Concen: 52.285 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion:	204	Resp:	547912
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.7	40.1
141	62.7	45.8	68.8

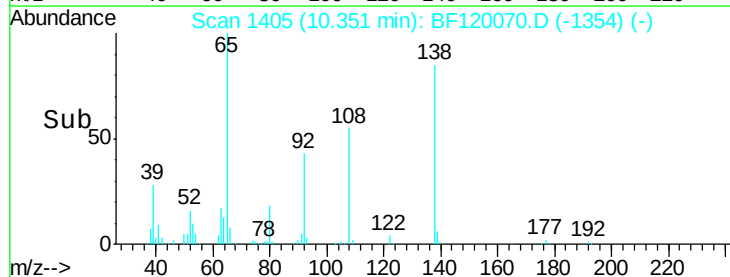
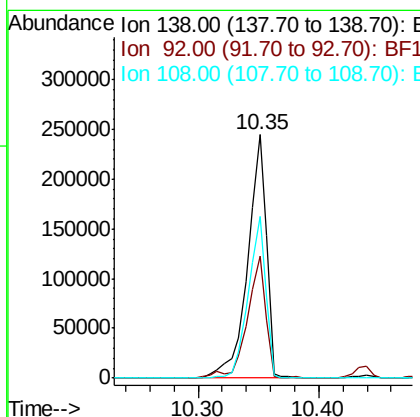
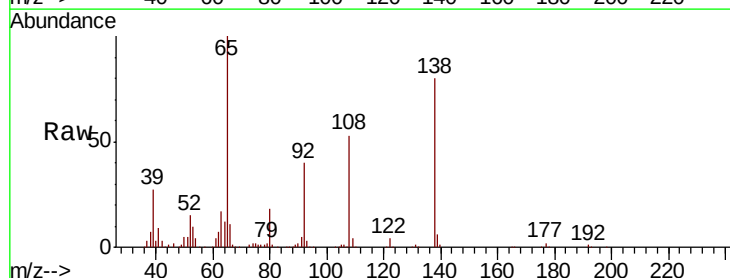
Manual Integrations
 APPROVED

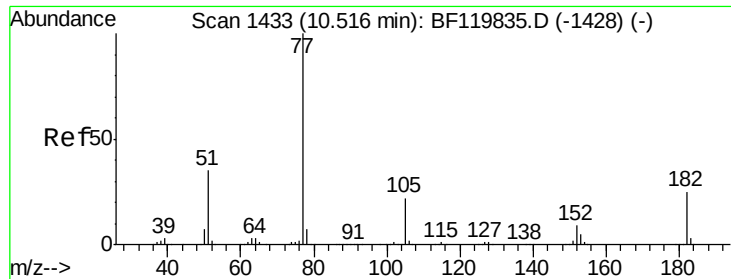
mohammad
 4/21/2020 8:22:50 AM



#62
 4-Nitroaniline
 Concen: 51.114 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:	138	Resp:	266147
Ion Ratio	Lower	Upper	
138	100		
92	50.2	31.6	71.6
108	66.3	45.2	85.2





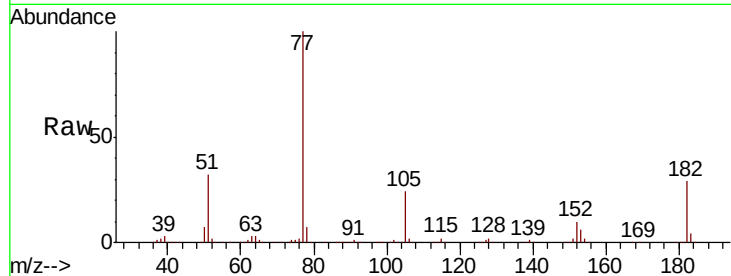
#63
Azobenzene
Concen: 56.583 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.6	4.5	44.5	
105	23.8	2.2	42.2	
51	31.9	15.1	55.1	

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



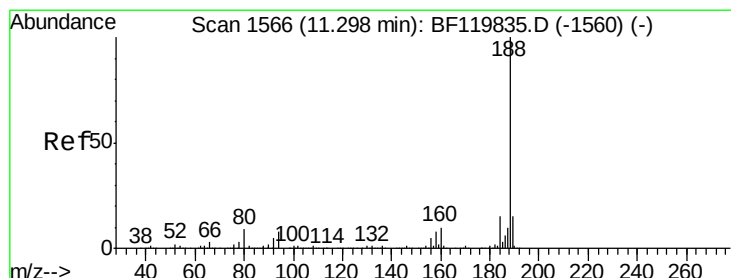
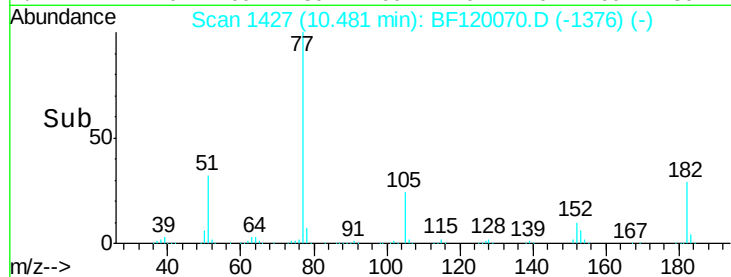
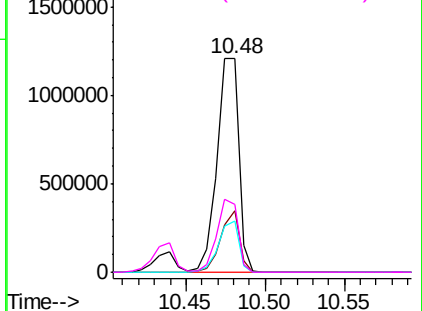
Abundance

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: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

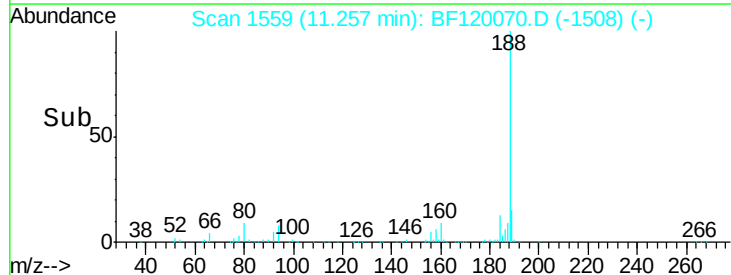
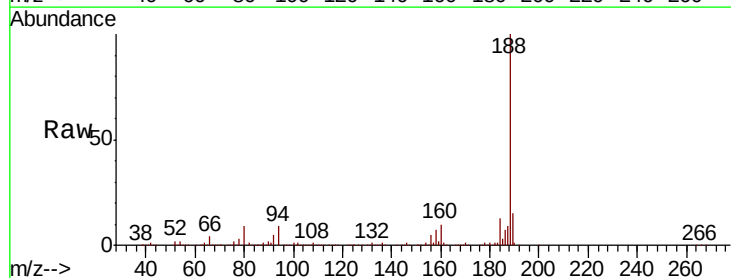
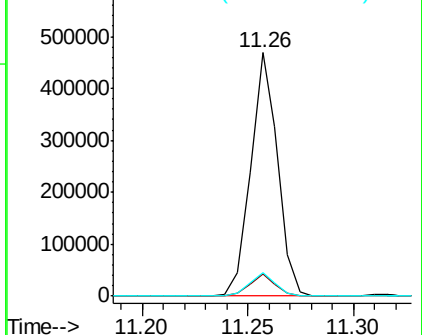
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	6.7	10.1	
80	9.4	7.4	11.2	

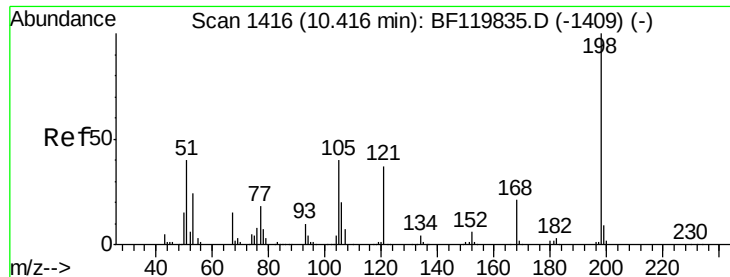
Abundance

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





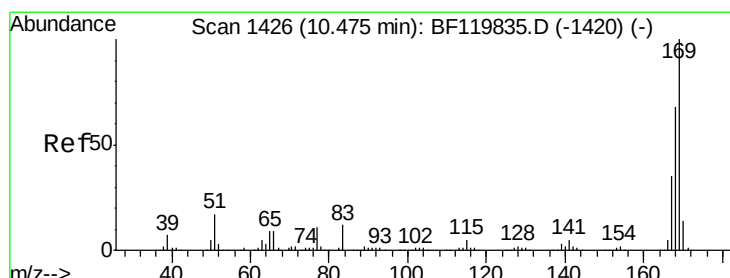
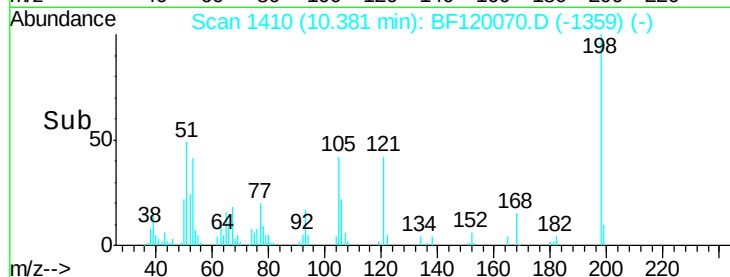
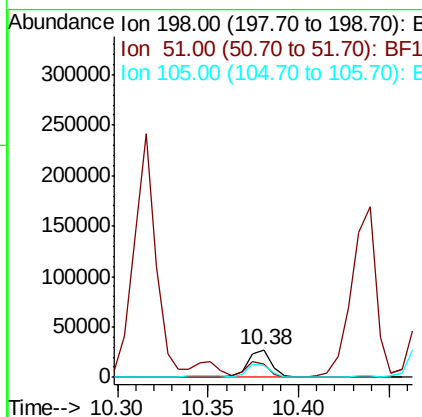
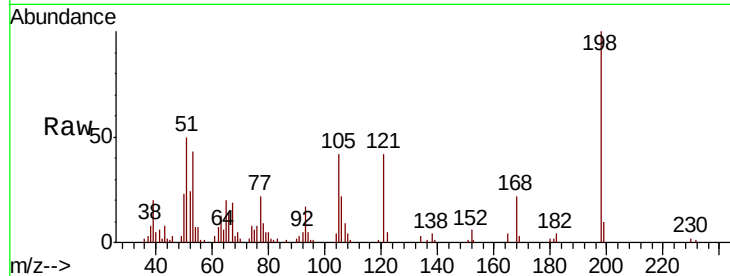
#65
4,6-Dinitro-2-methylphenol
Concen: 9.094 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.7	25.2	65.2
105	41.8	20.8	60.8

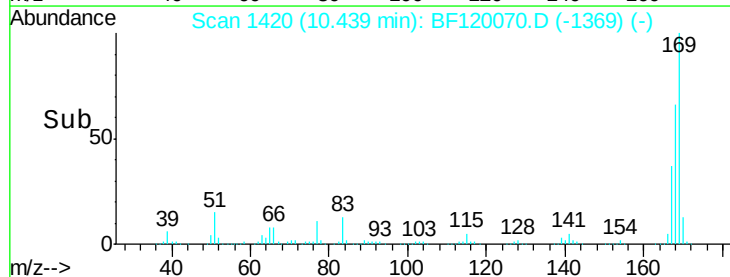
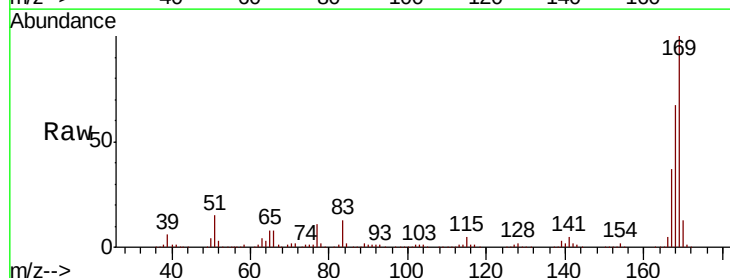
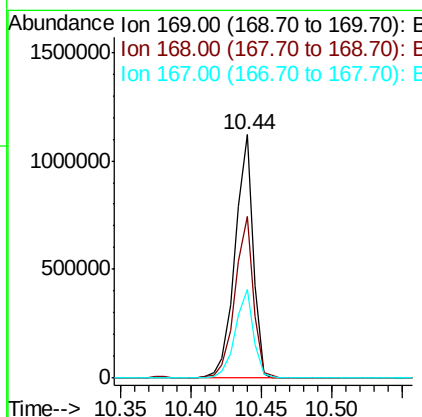
Manual Integrations
APPROVED

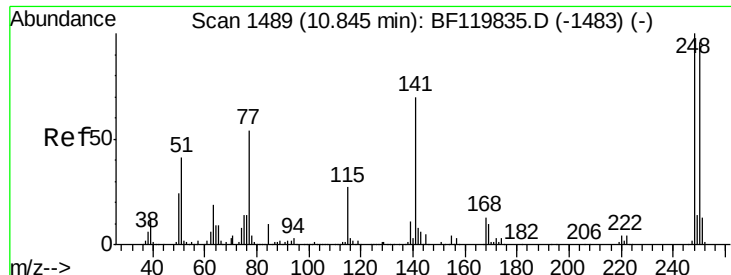
mohammad
4/21/2020 8:22:50 AM



#66
n-Nitrosodiphenylamine
Concen: 72.413 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.2	81.4
167	36.6	28.3	42.5





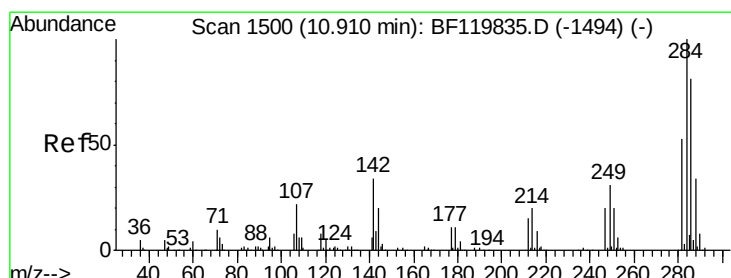
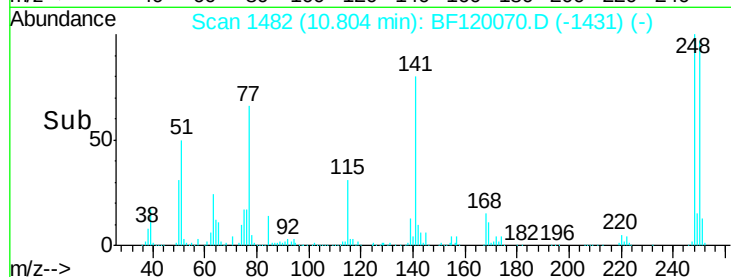
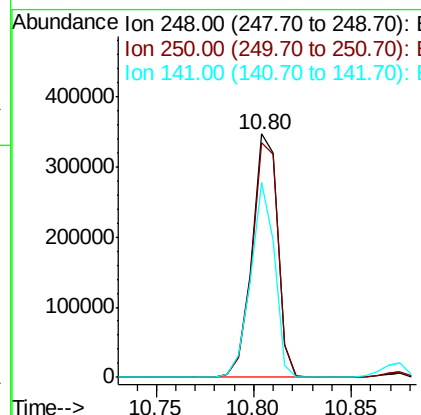
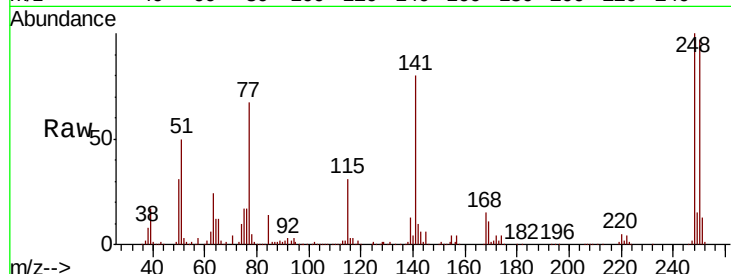
#67
 4-Bromophenyl-phenylether
 Concen: 61.367 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion:	248	Resp:	315724
Ion Ratio	Lower	Upper	
248	100		
250	96.6	76.6	114.8
141	79.9	55.9	83.9

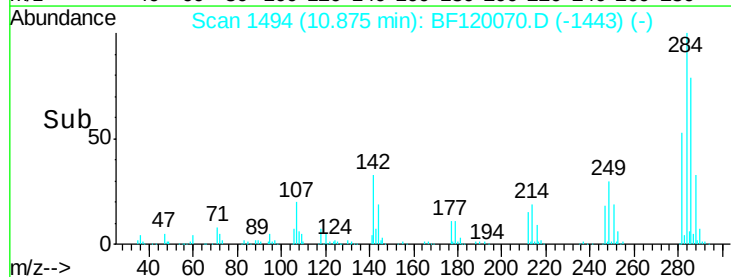
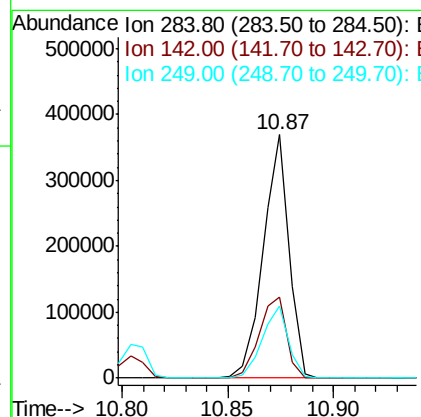
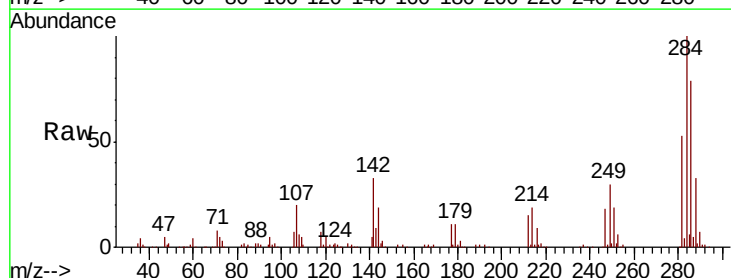
Manual Integrations
 APPROVED

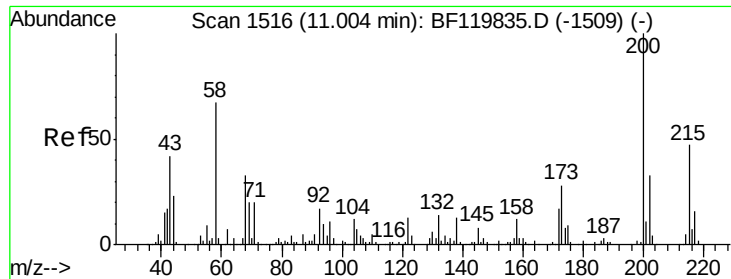
mohammad
 4/21/2020 8:22:50 AM



#68
 Hexachlorobenzene
 Concen: 60.081 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:	284	Resp:	313575
Ion Ratio	Lower	Upper	
284	100		
142	33.1	26.9	40.3
249	29.8	24.6	37.0





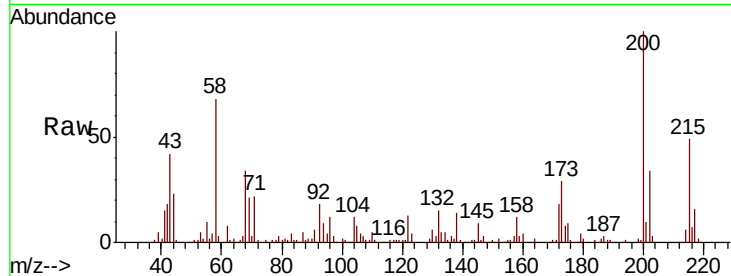
#69
Atrazine
Concen: 66.677 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

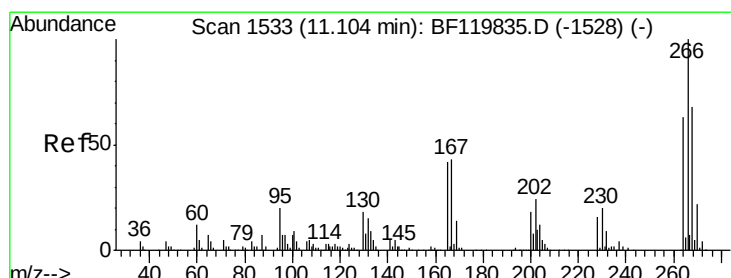
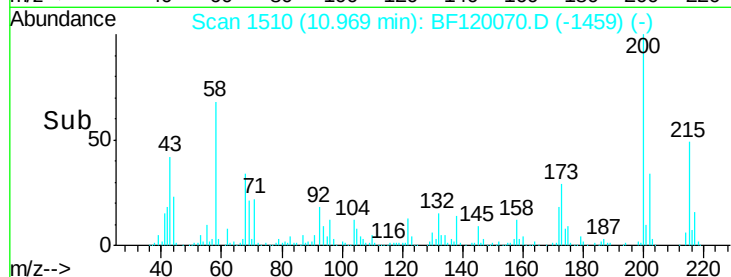
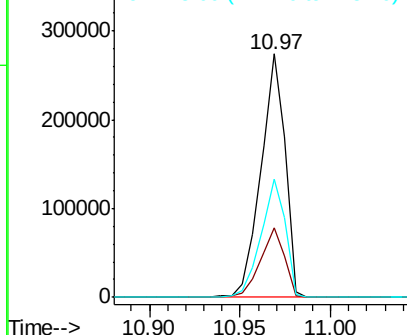
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	8.0	48.0
215	48.5	27.1	67.1

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM

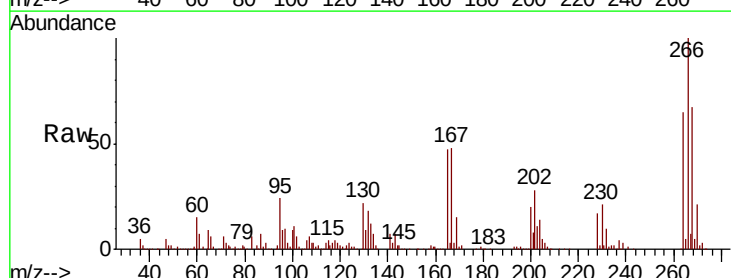


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

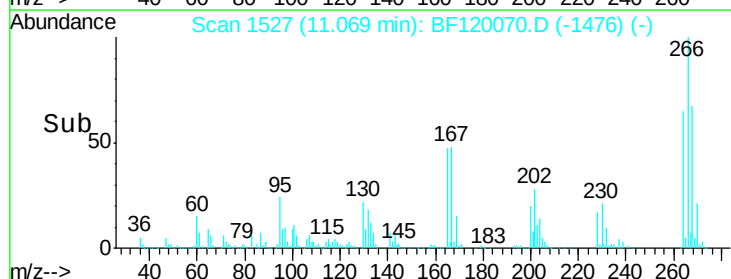
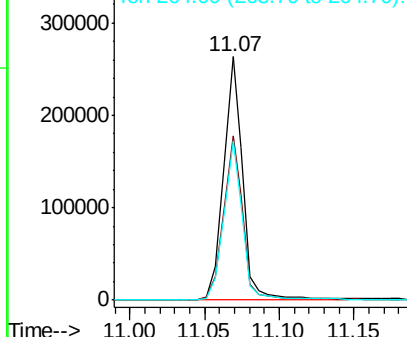


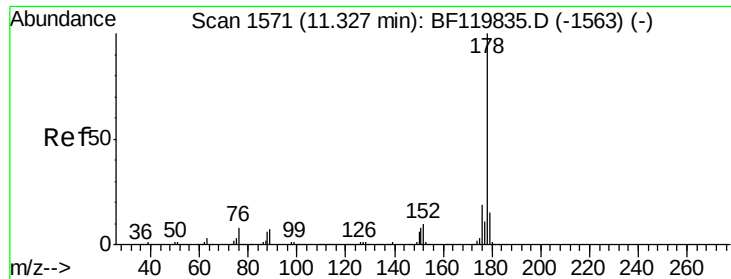
#70
Pentachlorophenol
Concen: 79.912 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.2	54.2	81.4
264	65.4	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 59.111 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMS

Tot Ion:178 Resp: 1301498

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

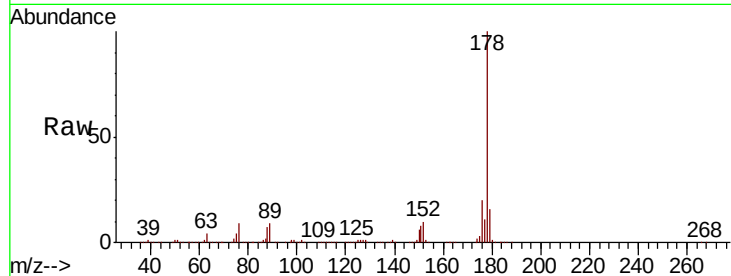
179 15.9 12.2 18.4

Manual Integrations

APPROVED

mohammad

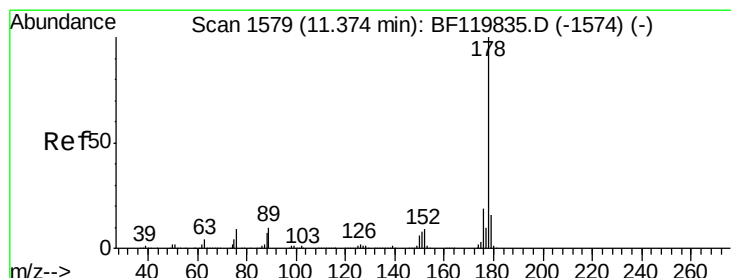
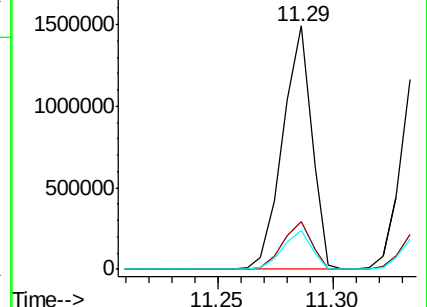
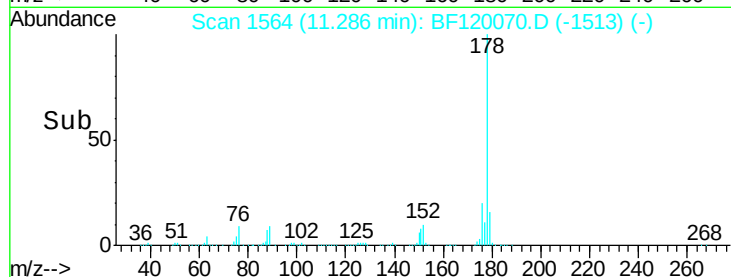
4/21/2020 8:22:50 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 58.509 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

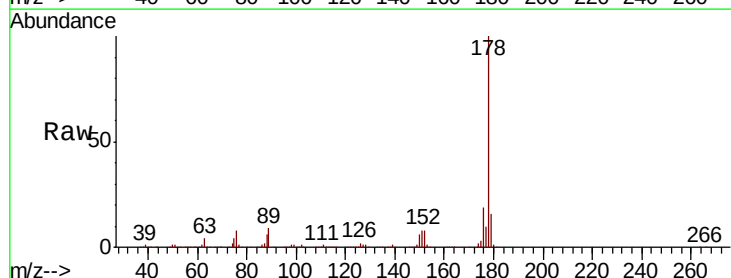
Tgt Ion:178 Resp: 1316015

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

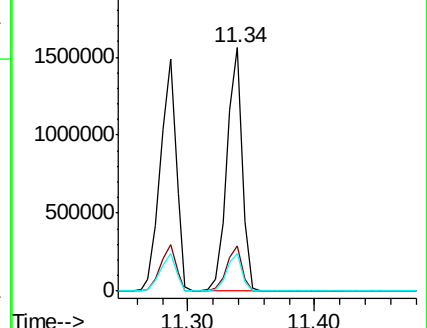
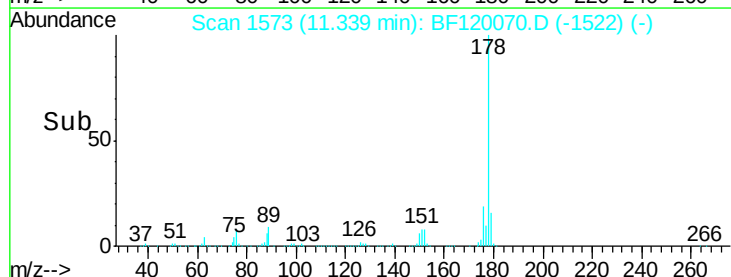
179 15.6 12.8 19.2

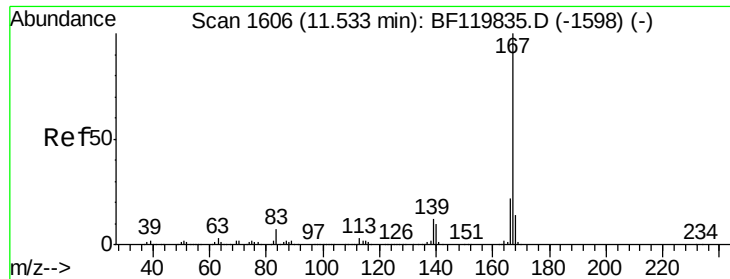


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





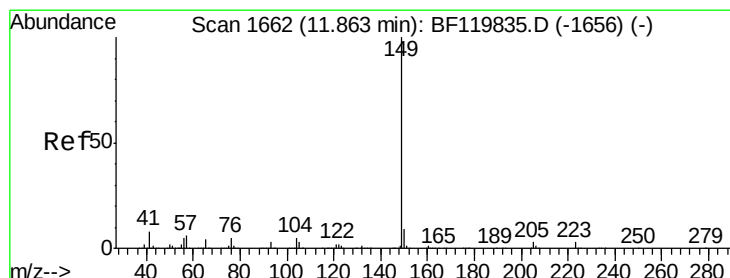
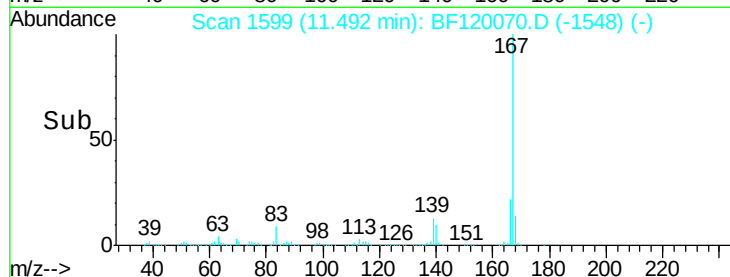
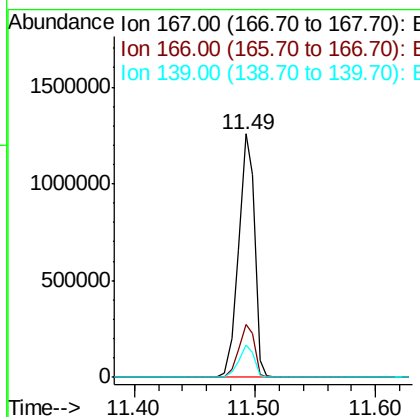
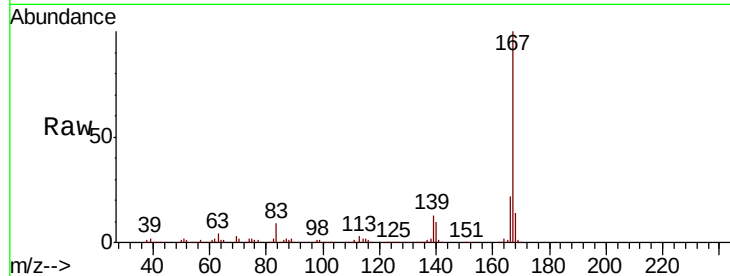
#73
 Carbazole
 Concen: 54.751 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion:167 Resp: 1164567
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 9.8 14.8

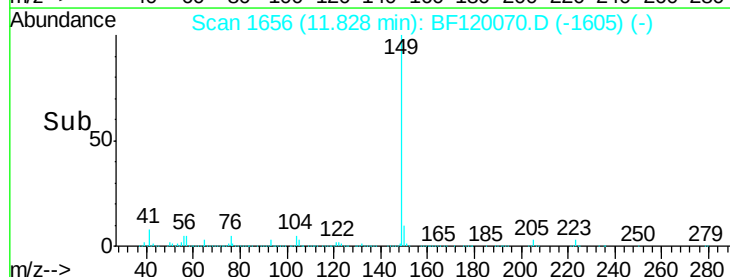
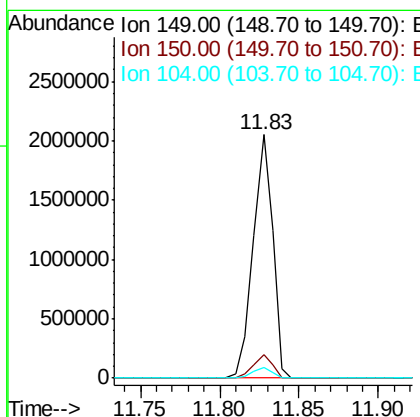
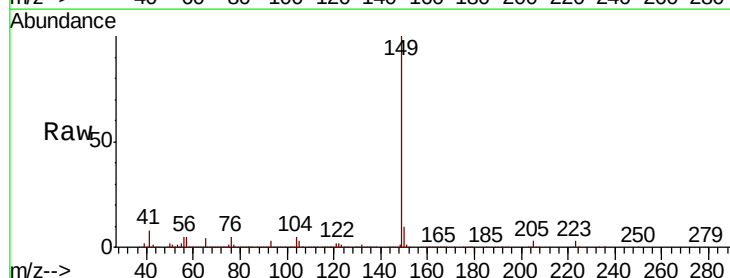
Manual Integrations
 APPROVED

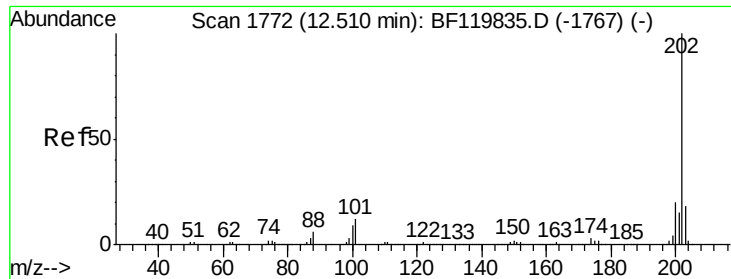
mohammad
 4/21/2020 8:22:50 AM



#74
 Di-n-butylphthalate
 Concen: 62.916 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion:149 Resp: 1759261
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.6 3.8 5.6





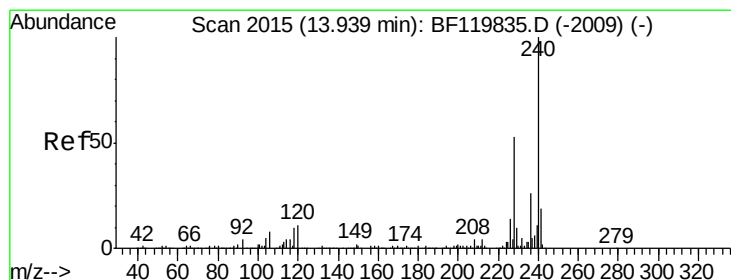
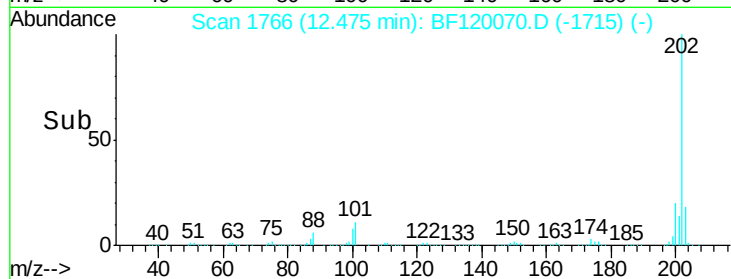
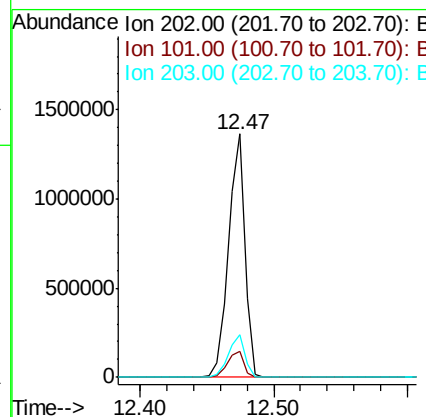
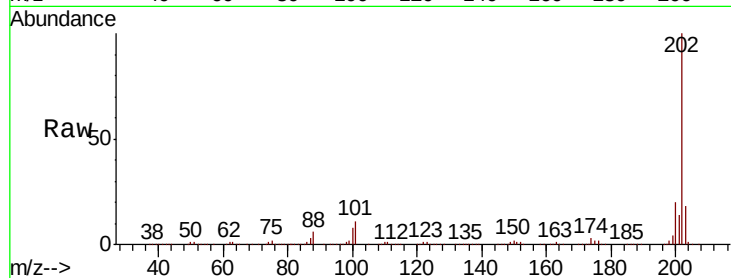
#75
Fluoranthene
Concen: 49.973 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.3
203	17.6	0.0	37.6

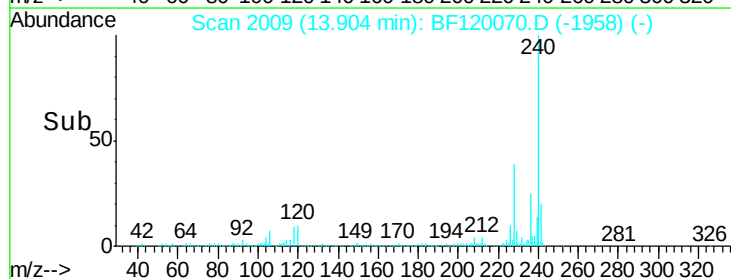
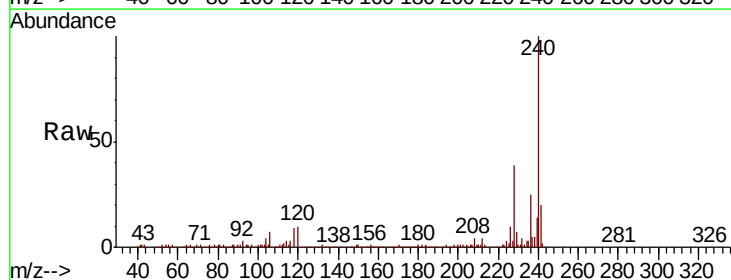
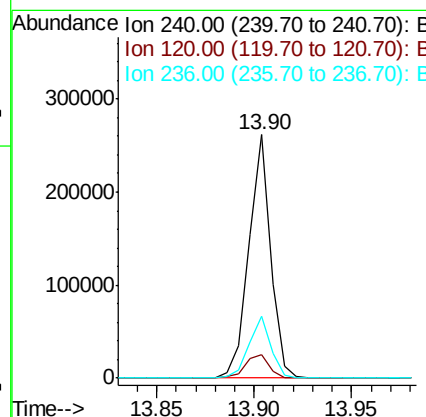
Manual Integrations
APPROVED

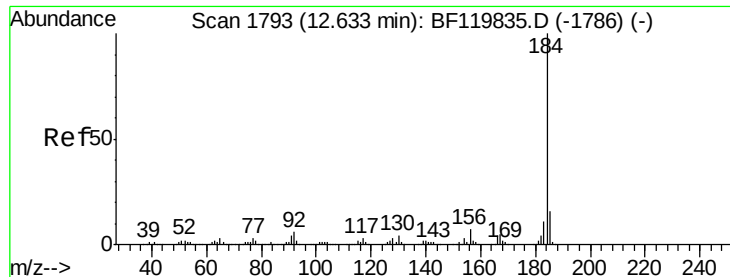
mohammad
4/21/2020 8:22:50 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.2	20.7	31.1





#77

Benzidine

Concen: 57.057 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMS

Tot Ion:184 Resp: 389818

Ion Ratio Lower Upper

184 100

185 13.5 13.2 19.8

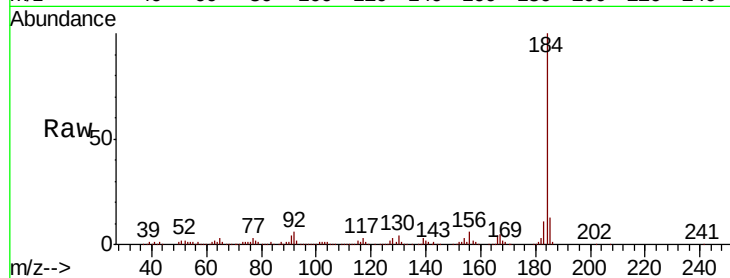
183 10.8 9.1 13.7

Manual Integrations

APPROVED

mohammad

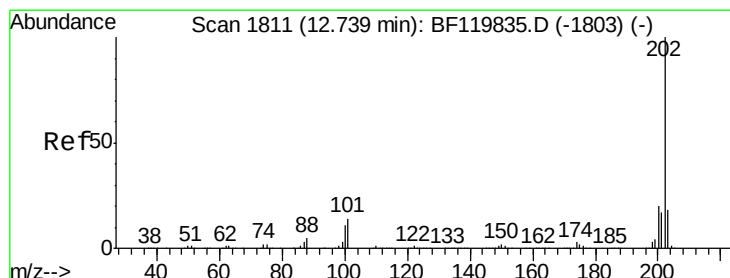
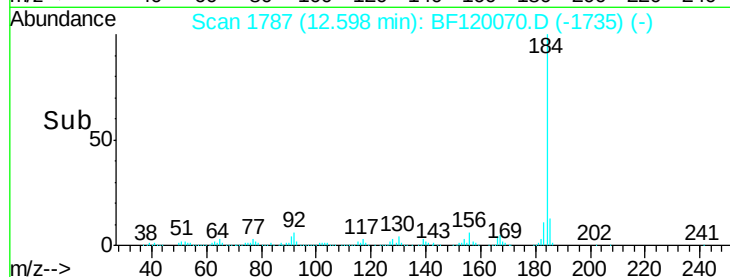
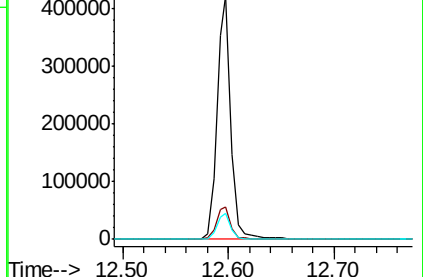
4/21/2020 8:22:50 AM



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: 68.485 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

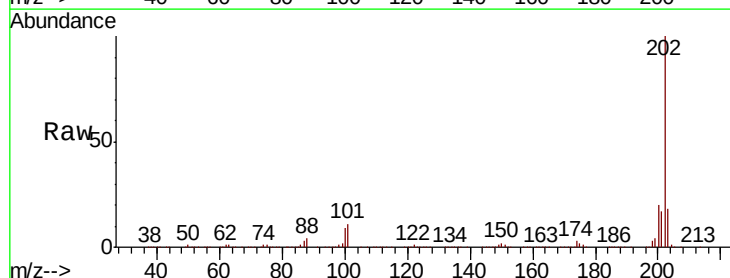
Tgt Ion:202 Resp: 1166907

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

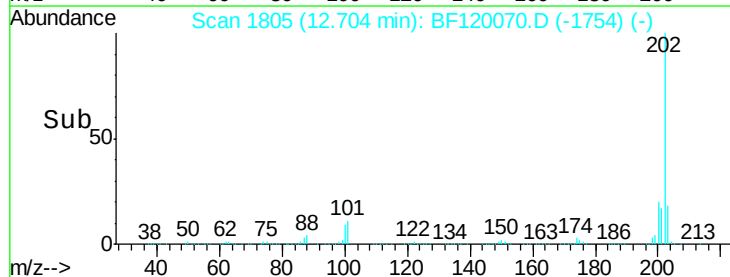
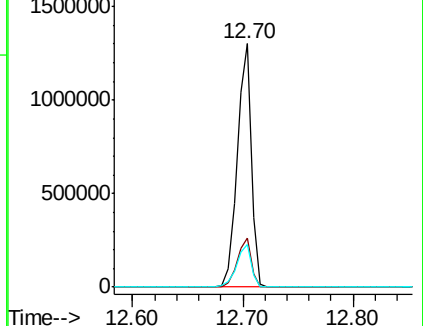
203 17.6 14.1 21.1

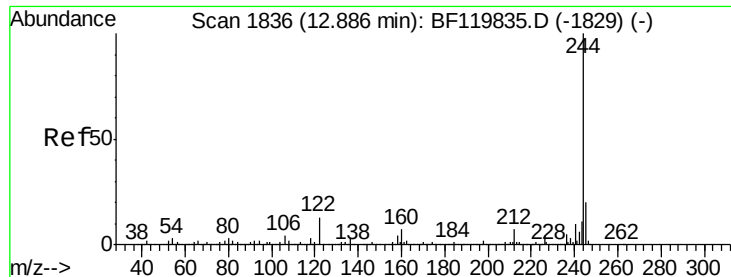


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





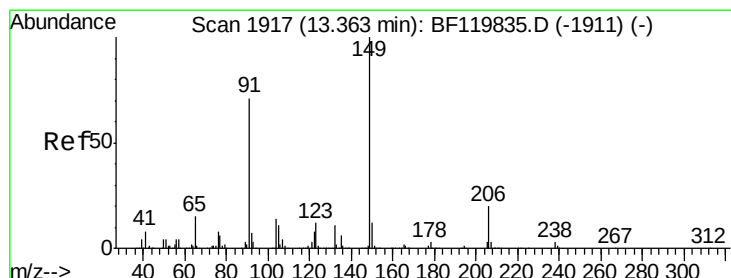
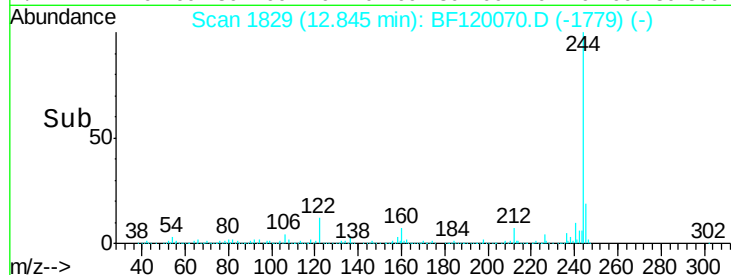
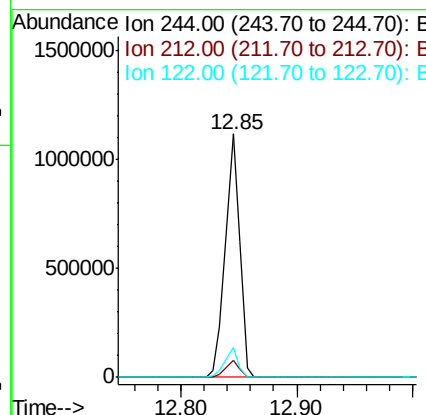
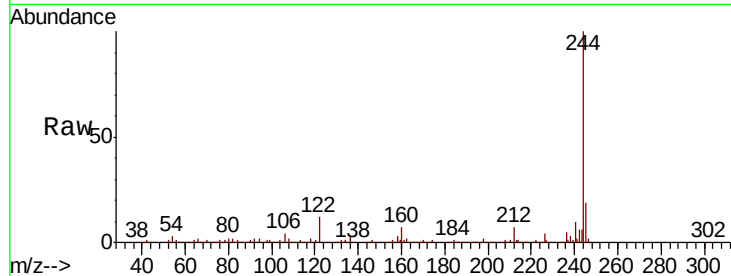
#79
 Terphenyl-d14
 Concen: 81.374 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	10.3	15.5

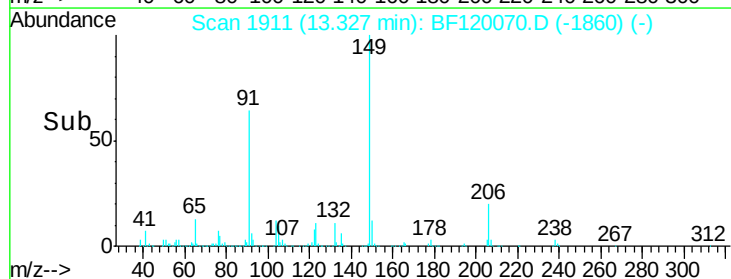
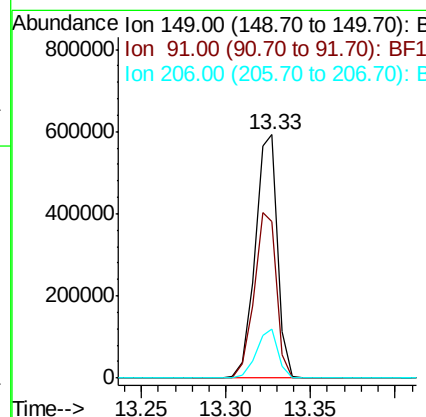
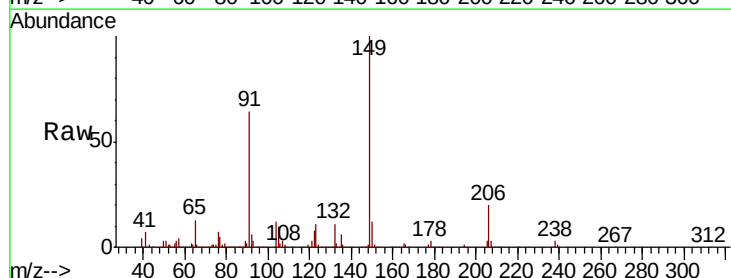
Manual Integrations
 APPROVED

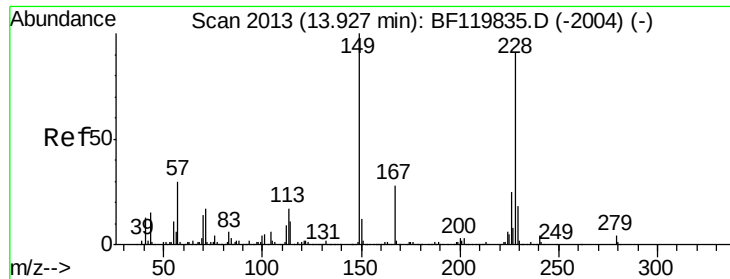
mohammad
 4/21/2020 8:22:50 AM



#80
 Butylbenzylphthalate
 Concen: 66.261 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.7	85.1
206	20.4	15.7	23.5





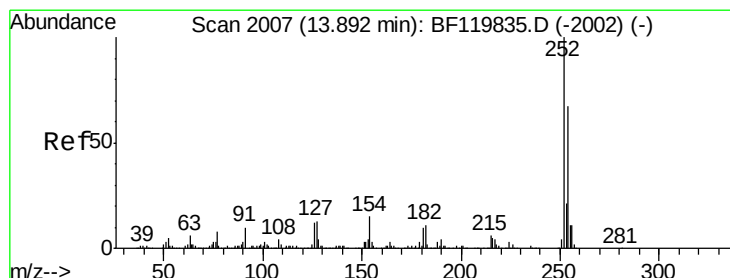
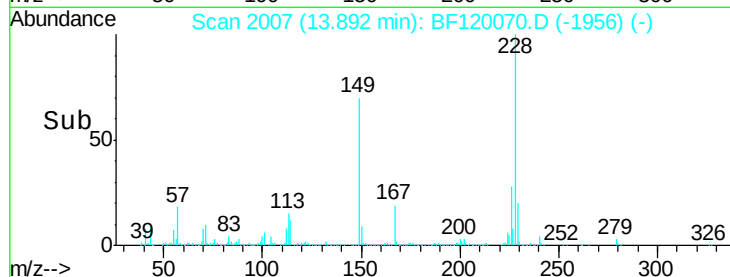
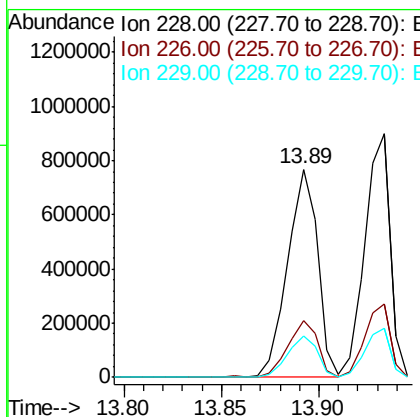
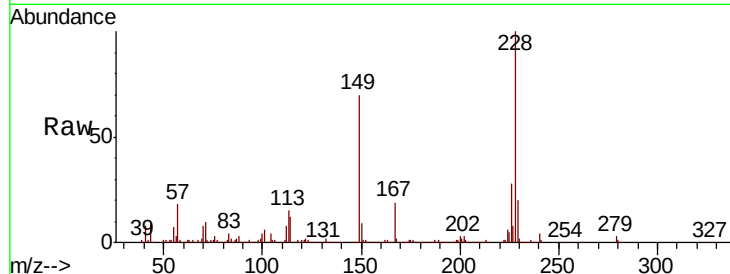
#81
Benzo(a)anthracene
Concen: 61.865 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.0	15.9	23.9

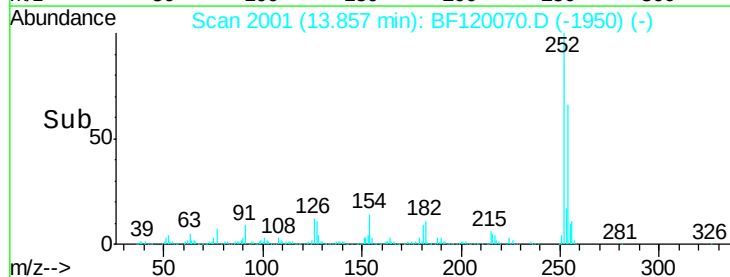
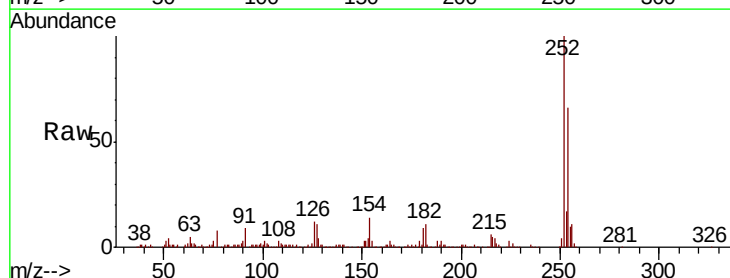
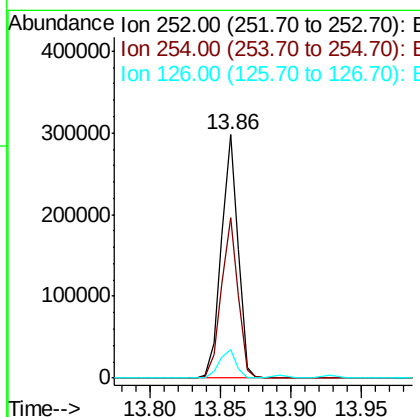
Manual Integrations
APPROVED

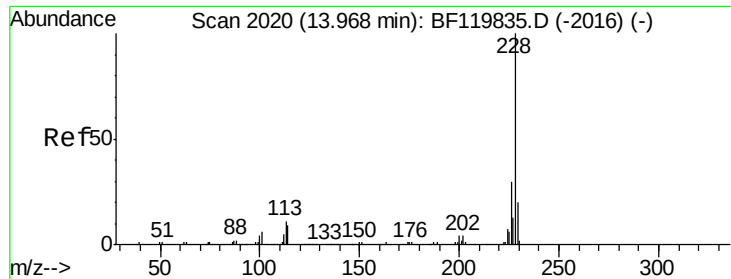
mohammad
4/21/2020 8:22:50 AM



#82
3,3'-Dichlorobenzidine
Concen: 49.563 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.9	80.9
126	11.6	9.7	14.5





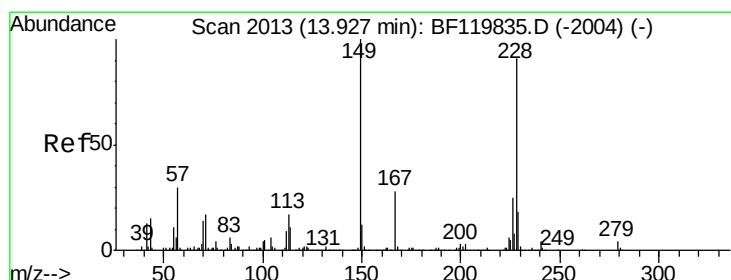
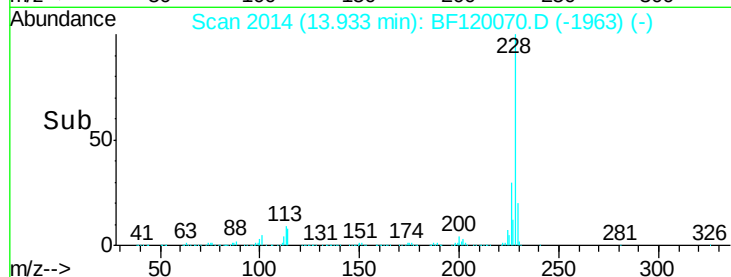
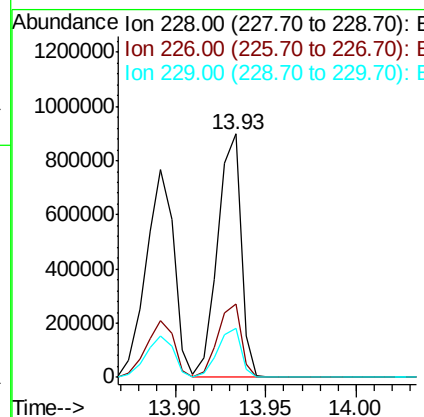
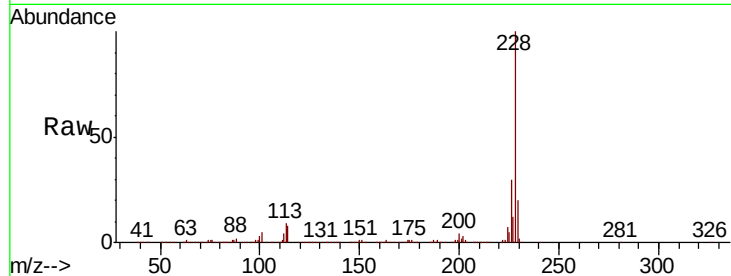
#83
 Chrysene
 Concen: 59.757 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	20.0	15.9	23.9

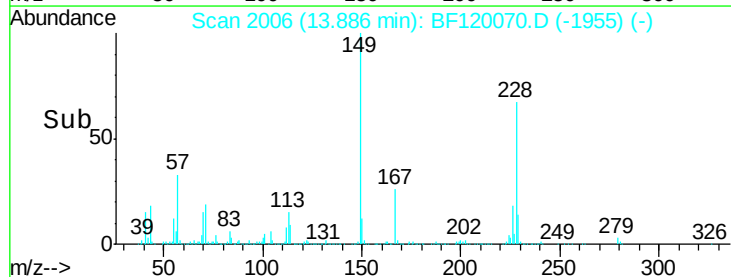
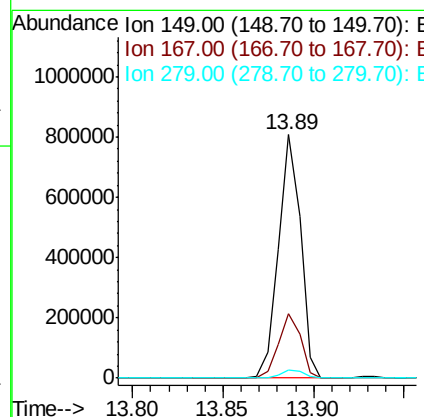
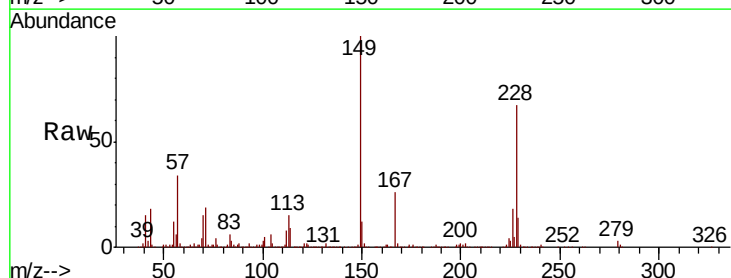
Manual Integrations
 APPROVED

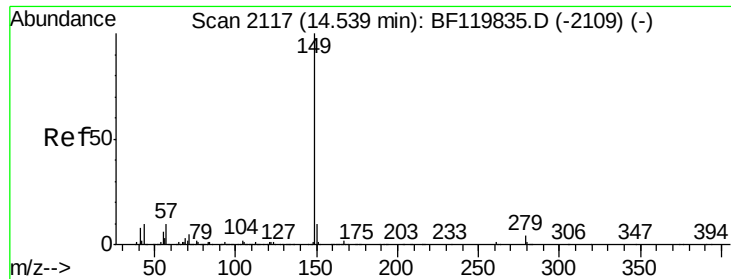
mohammad
 4/21/2020 8:22:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.979 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF120070.D
 Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.2
279	3.1	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 63.702 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMS

Tot Ion:149 Resp: 1214389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

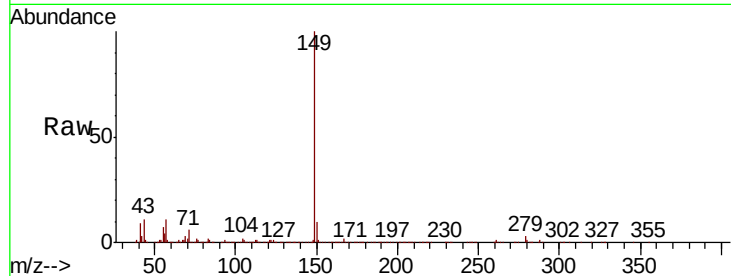
43 11.5 9.2 13.8

Manual Integrations

APPROVED

mohammad

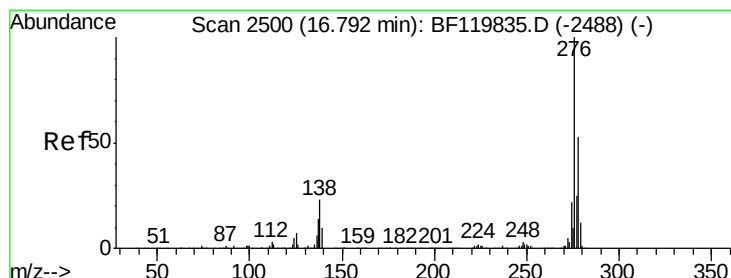
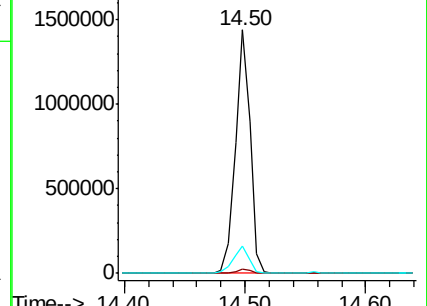
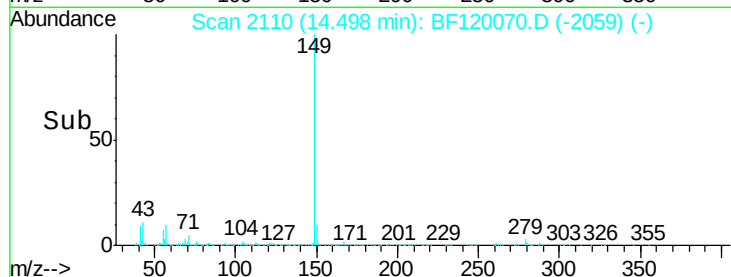
4/21/2020 8:22:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.798 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

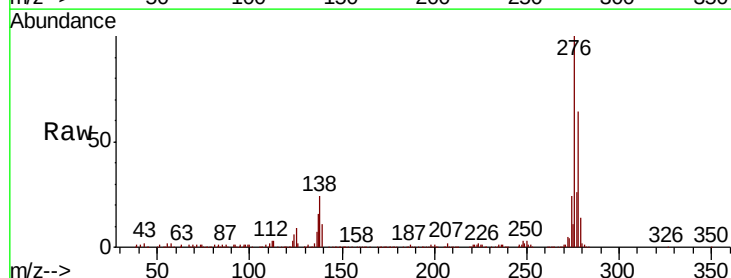
Tgt Ion:276 Resp: 616876

Ion Ratio Lower Upper

276 100

138 24.1 18.0 27.0

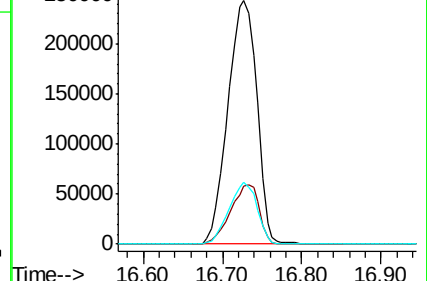
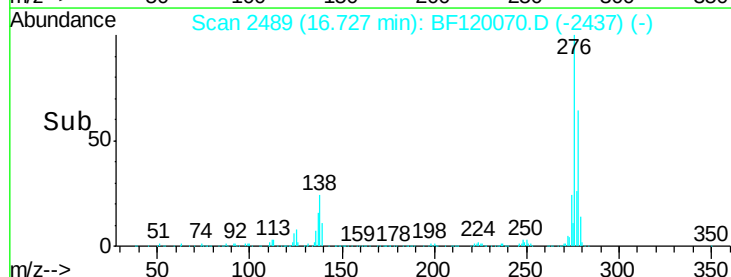
277 24.6 20.1 30.1

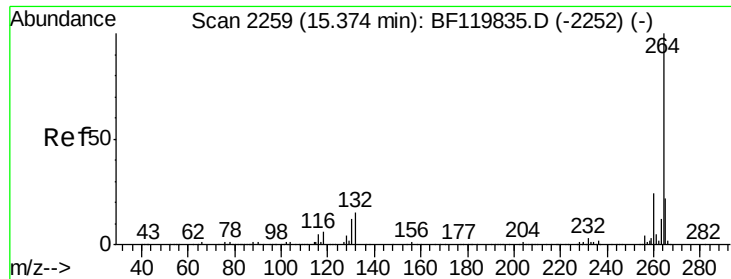


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Instrument :

BNA_F

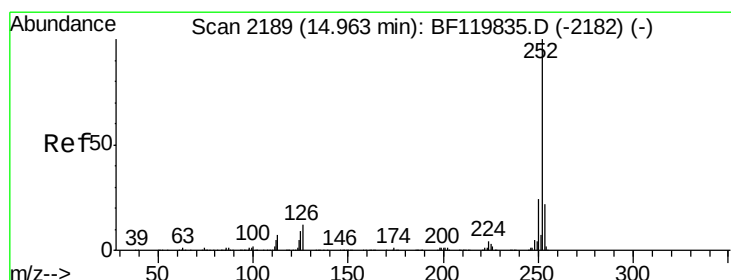
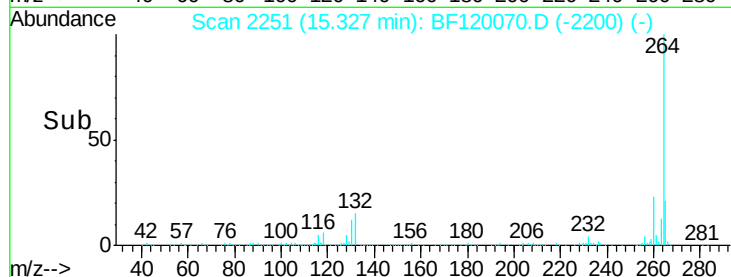
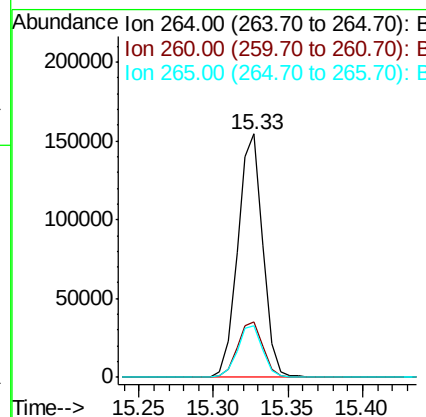
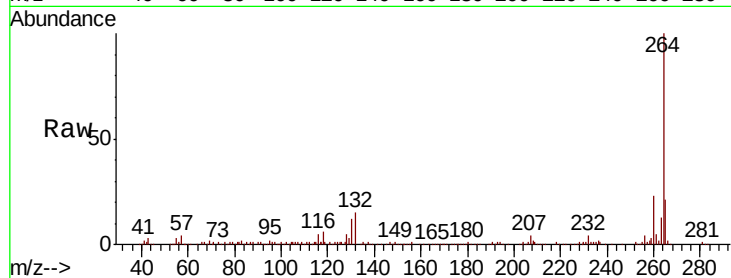
ClientSampleId :

TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#88

Benzo(b)fluoranthene

Concen: 55.280 ng

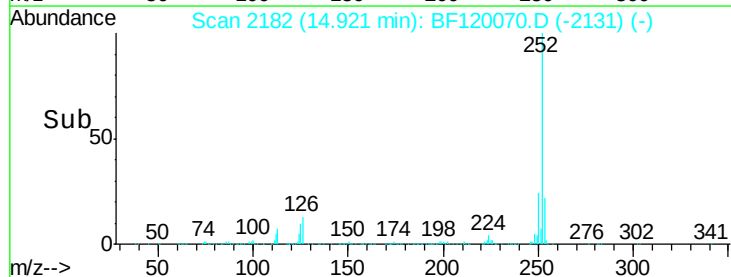
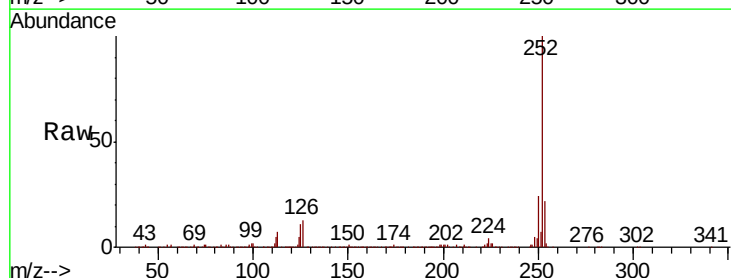
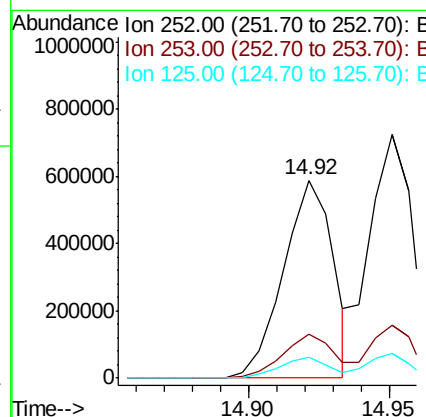
RT: 14.92 min Scan# 2182

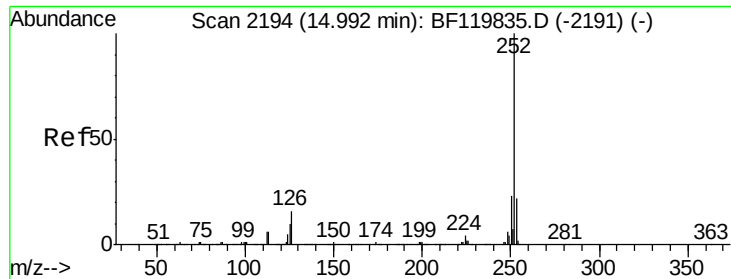
Delta R.T. 0.00 min

Lab File: BF120070.D

Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.6	7.4	11.2





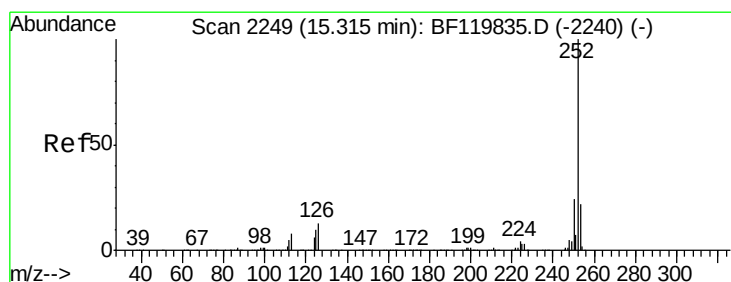
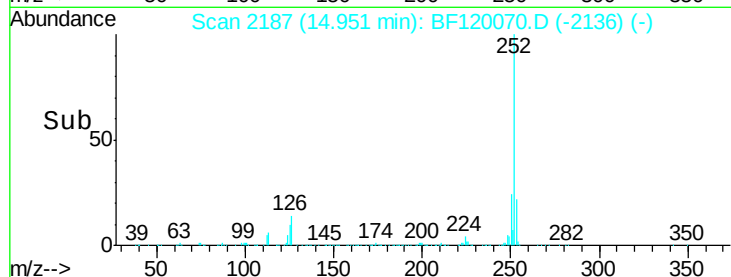
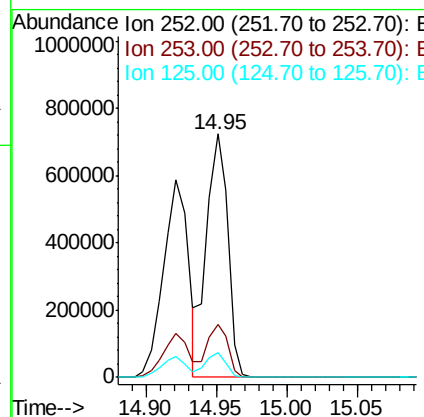
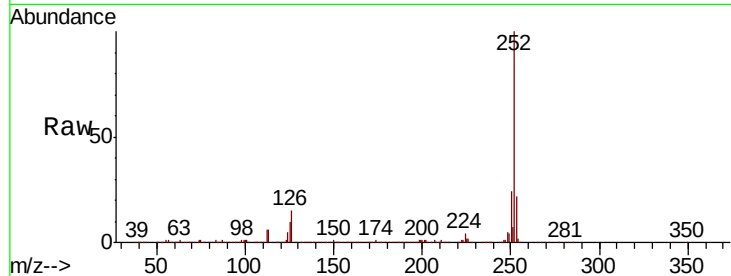
#89
Benzo(k)fluoranthene
Concen: 67.585 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.3	7.7	11.5

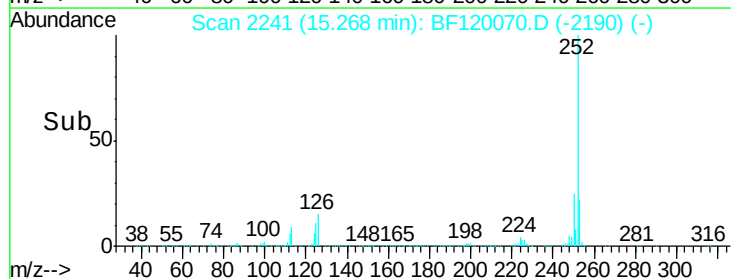
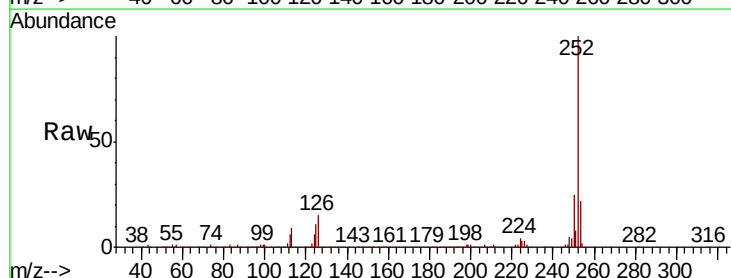
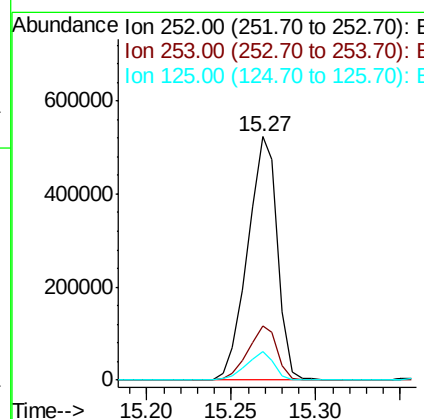
Manual Integrations
APPROVED

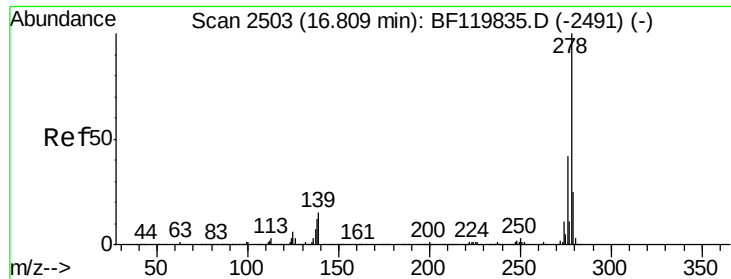
mohammad
4/21/2020 8:22:50 AM



#90
Benzo(a)pyrene
Concen: 58.799 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.5	8.3	12.5





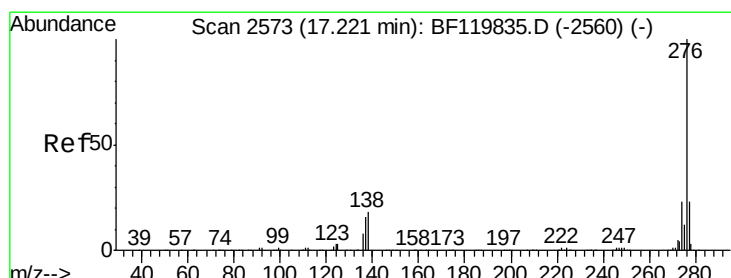
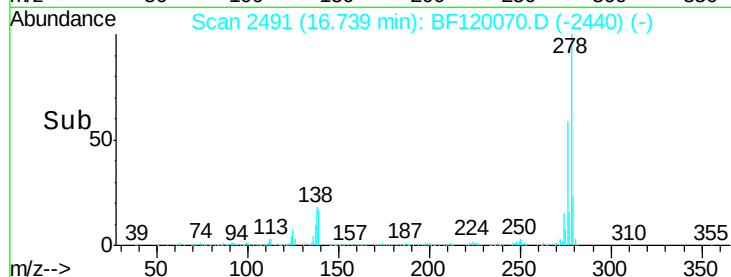
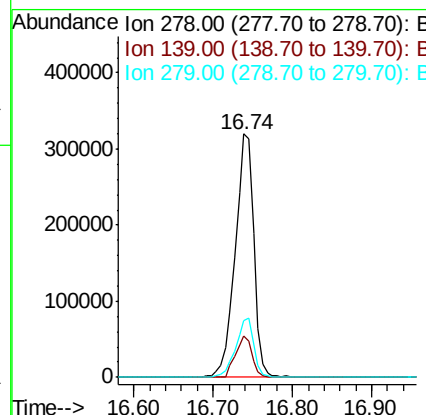
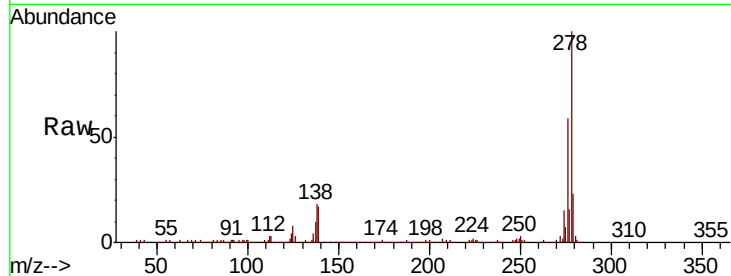
#91
Dibenzo(a,h)anthracene
Concen: 53.612 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.6	17.4
279	23.2	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:50 AM



#92
Benzo(g,h,i)perylene
Concen: 50.232 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF120070.D
Acq: 17 Apr 2020 20:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.5	27.7
138	20.2	14.6	22.0

