

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121066.D
 Acq On : 28 Jul 2020 13:20
 Operator : JU/CG
 Sample : L3435-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM

Quant Time: Jul 28 13:50:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159719	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629349	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	339967	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	671171	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539478	20.00	ng	0.00
86) Perylene-d12	15.42	264	522193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1054518	108.24	ng	0.01
7) Phenol-d6	6.45	99	1337621	106.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	840016	77.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	419438	112.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1513658	66.48	ng	0.00
79) Terphenyl-d14	12.92	244	1641535	66.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	153738	34.286	ng	99
3) Pyridine	3.33	79	339742	28.483	ng	99
4) n-Nitrosodimethylamine	3.27	42	174875	34.285	ng	94
6) Aniline	6.47	93	337756	20.560	ng	100
8) 2-Chlorophenol	6.60	128	407471	37.964	ng	99
9) Benzaldehyde	6.36	77	273051	46.840	ng	99
10) Phenol	6.46	94	470248	33.968	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	380989	35.909	ng	97
12) 1,3-Dichlorobenzene	6.75	146	410854	35.302	ng	98
13) 1,4-Dichlorobenzene	6.83	146	418701	36.180	ng	98
14) 1,2-Dichlorobenzene	6.98	146	400312	36.564	ng	99
15) Benzyl Alcohol	6.96	79	317619	35.687	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	532905	34.847	ng	99
17) 2-Methylphenol	7.07	107	321422	33.788	ng	99
18) Hexachloroethane	7.33	117	152689	36.453	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	252766	35.320	ng	98
20) 3+4-Methylphenols	7.22	107	365642	30.215	ng	# 81
22) Acetophenone	7.22	105	504848	35.743	ng	# 94
24) Nitrobenzene	7.40	77	403975	34.461	ng	97
25) Isophorone	7.63	82	750311	34.565	ng	97
26) 2-Nitrophenol	7.71	139	214607	38.546	ng	95
27) 2,4-Dimethylphenol	7.75	122	347853	38.482	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	478335	36.100	ng	99
29) 2,4-Dichlorophenol	7.96	162	336098	36.386	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	356350	34.772	ng	99
31) Naphthalene	8.12	128	1109989	34.383	ng	100
32) Benzoic acid	7.88	122	262940	38.750	ng	98
33) 4-Chloroaniline	8.16	127	162308	11.271	ng	99
34) Hexachlorobutadiene	8.24	225	206673	34.210	ng	99
35) Caprolactam	8.54	113	110616	37.343	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	351709	37.126	ng	96
37) 2-Methylnaphthalene	8.81	142	772791	36.868	ng	99
38) 1-Methylnaphthalene	8.91	142	716507	36.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	346802	35.012	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121066.D
 Acq On : 28 Jul 2020 13:20
 Operator : JU/CG
 Sample : L3435-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM

Quant Time: Jul 28 13:50:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	362840	66.280	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	248742	35.666	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	266374	33.671	nq	97
46) 1,1'-Biphenyl	9.27	154	934710	36.044	nq	99
47) 2-Chloronaphthalene	9.30	162	720244	34.065	nq	99
48) 2-Nitroaniline	9.39	65	223628	34.999	nq	100
49) Acenaphthylene	9.72	152	1164067	35.440	nq	99
50) Dimethylphthalate	9.57	163	1063304	43.353	nq	98
51) 2,6-Dinitrotoluene	9.64	165	198411	37.654	nq #	85
52) Acenaphthene	9.89	154	783542m	37.521	nq	
53) 3-Nitroaniline	9.80	138	114932	17.391	nq	99
54) 2,4-Dinitrophenol	9.92	184	187691	63.430	nq #	82
55) Dibenzofuran	10.06	168	1035679	34.296	nq	100
56) 4-Nitrophenol	9.97	139	338637	67.456	nq	93
57) 2,4-Dinitrotoluene	10.04	165	258160	37.308	nq	95
58) Fluorene	10.40	166	765335	33.981	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	234168	38.877	nq	97
60) Diethylphthalate	10.27	149	892312	35.969	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	374851	31.204	nq	97
62) 4-Nitroaniline	10.42	138	214420	33.308	nq	95
63) Azobenzene	10.55	77	814764	34.498	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	131858	35.070	nq	87
66) n-Nitrosodiphenylamine	10.51	169	739380	35.019	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	256030	34.215	nq	94
68) Hexachlorobenzene	10.95	284	283380	35.008	nq	95
69) Atrazine	11.04	200	213585	40.847	nq	98
70) Pentachlorophenol	11.15	266	347002	74.828	nq	100
71) Phenanthrene	11.36	178	1175964	34.068	nq	100
72) Anthracene	11.42	178	1254947	36.206	nq	99
73) Carbazole	11.57	167	1176238	34.195	nq	100
74) Di-n-butylphthalate	11.90	149	1442690	36.344	nq	100
75) Fluoranthene	12.54	202	1354750	35.408	nq	99
77) Benzidine	12.67	184	622161	43.864	nq	99
78) Pyrene	12.77	202	1376143	36.080	nq	100
80) Butylbenzylphthalate	13.40	149	643989	37.875	nq	95
81) Benzo(a)anthracene	13.96	228	1112192	34.045	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	359072	29.134	nq	99
83) Chrysene	14.00	228	1198853	34.921	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	810132	38.639	nq	100
85) Di-n-octyl phthalate	14.56	149	1553995	37.254	nq	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1186758	32.678	nq	99
88) Benzo(b)fluoranthene	15.00	252	1161757	36.806	nq	100
89) Benzo(k)fluoranthene	15.03	252	1132731	39.349	nq	100
90) Benzo(a)pyrene	15.36	252	1033556	35.889	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	997585	33.628	nq	98
92) Benzo(g,h,i)perylene	17.29	276	964854	32.987	nq	99

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

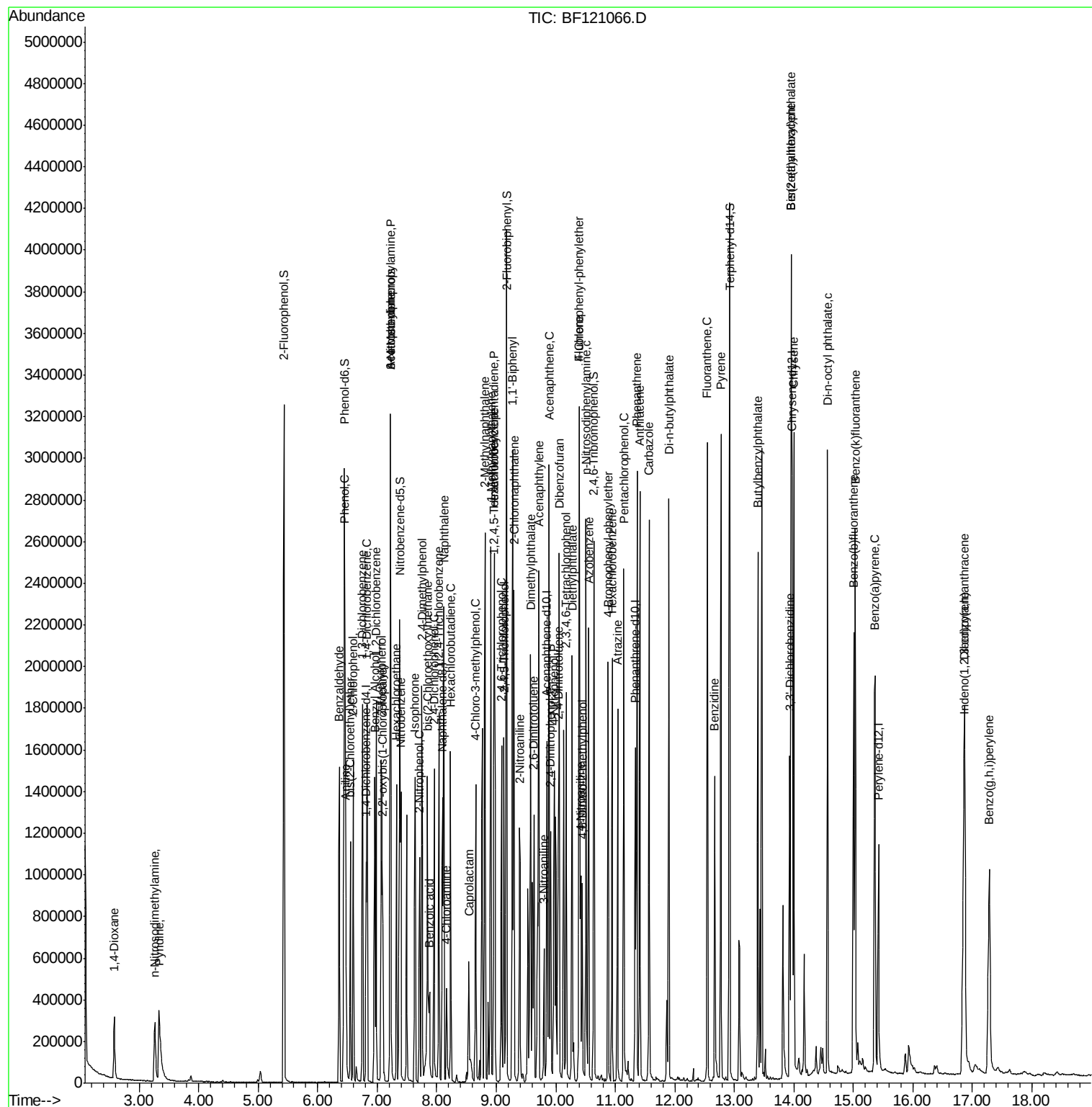
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121066.D
 Acq On : 28 Jul 2020 13:20
 Operator : JU/CG
 Sample : L3435-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 SP-1MS

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM

Quant Time: Jul 28 13:50:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration





#1

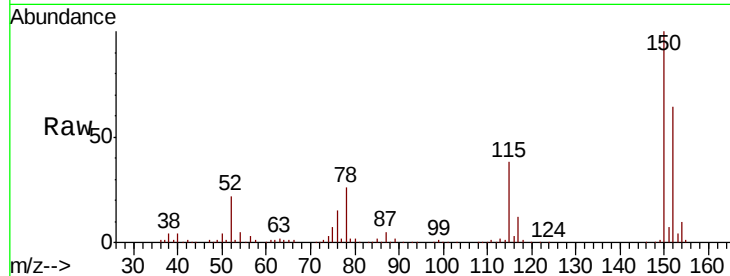
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.0	187.6
115	59.6	47.0	70.4

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM

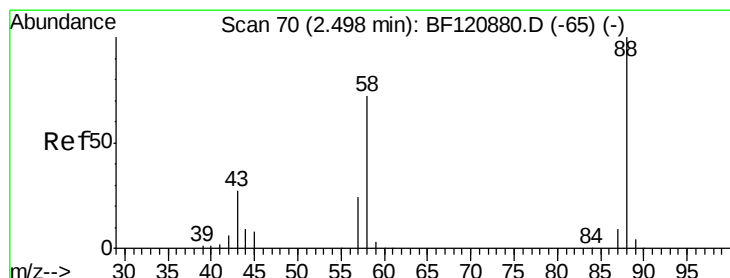
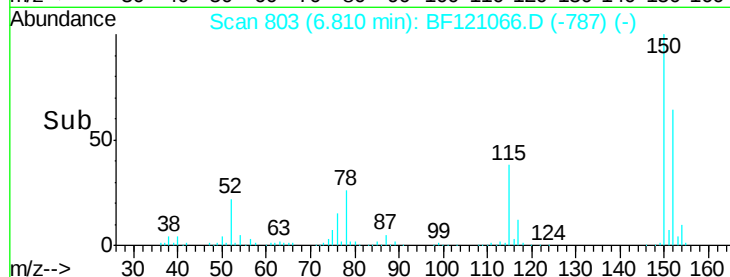
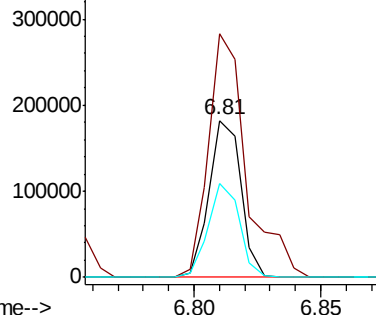


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

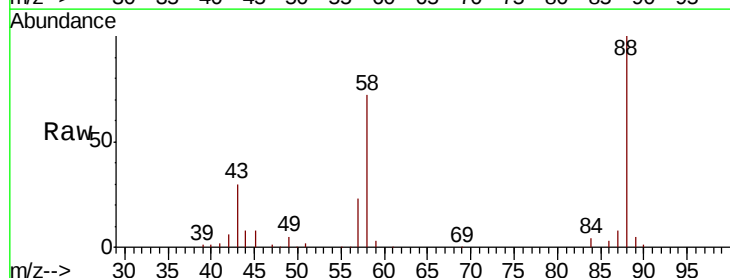
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.286 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.2	87.2
43	27.2	22.1	33.1

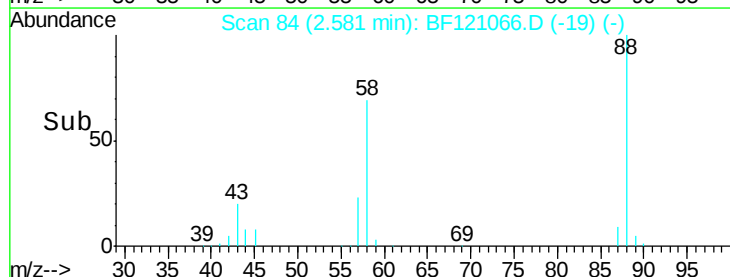
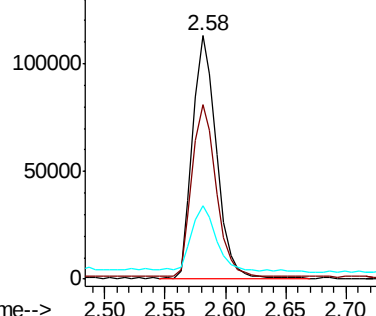


Abundance

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





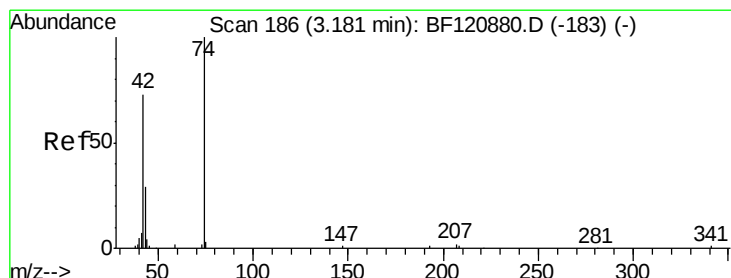
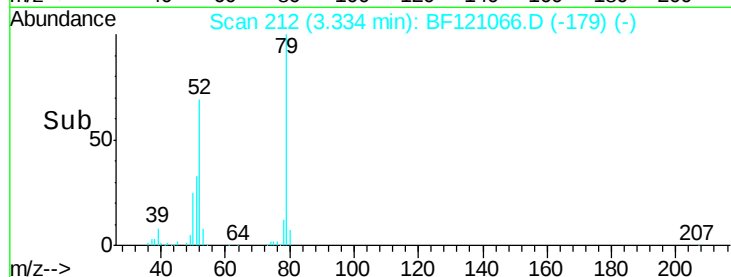
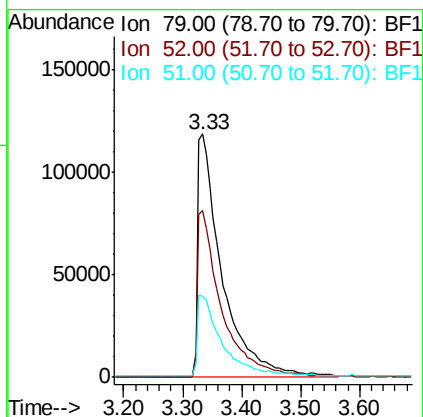
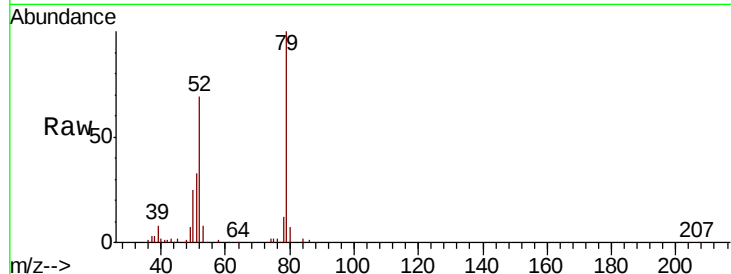
#3
 Pvridine
 Concen: 28.483 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.09 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	55.0	82.6
51	33.1	26.9	40.3

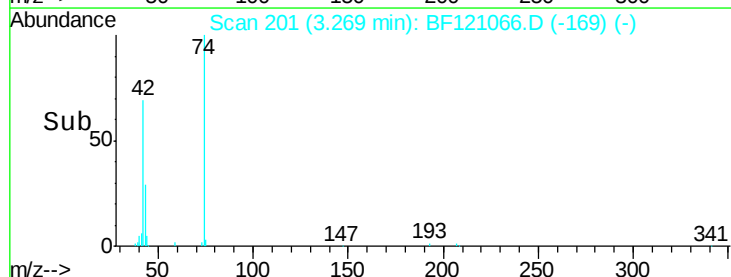
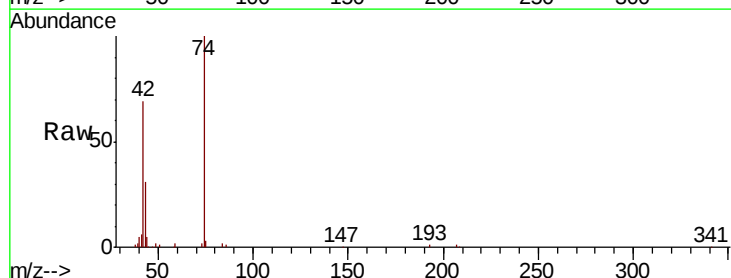
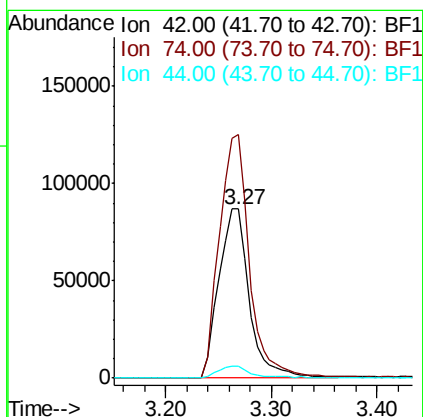
Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM



#4
 n-Nitrosodimethylamine
 Concen: 34.285 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.0	108.7	163.1
44	6.8	5.2	7.8





#5

2-Fluorophenol

Concen: 108.236 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampled :

SP-1MS

Tot Ion: 112 Resp: 1054518

Ion Ratio Lower Upper

112 100

64 54.8 41.3 61.9

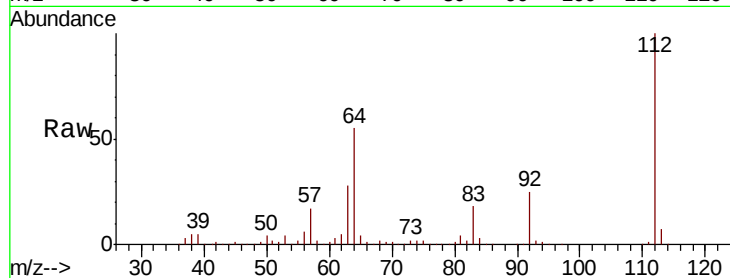
63 28.5 21.1 31.7

Manual Integrations

APPROVED

mohammad

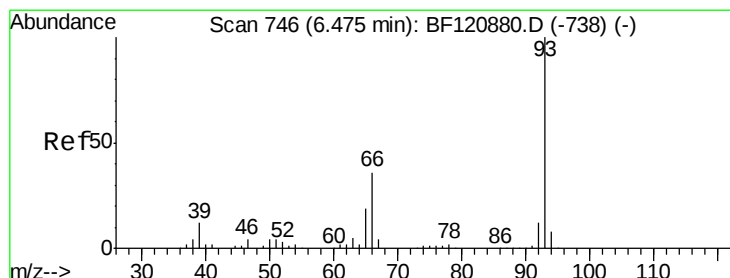
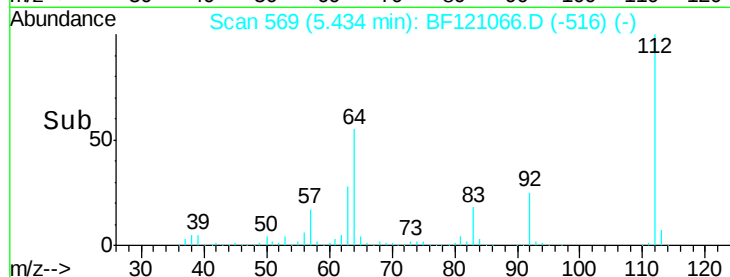
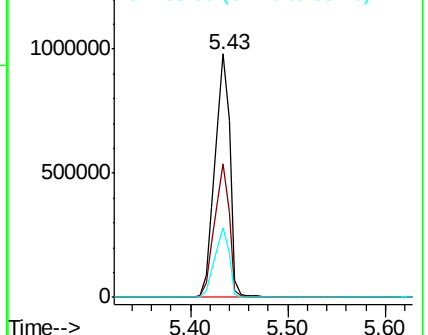
7/29/2020 11:47:13 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.560 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

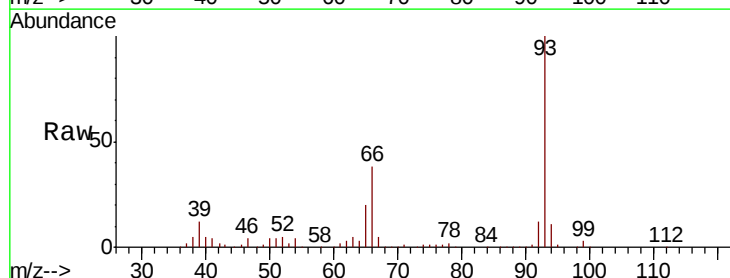
Tgt Ion: 93 Resp: 337756

Ion Ratio Lower Upper

93 100

66 37.9 30.2 45.4

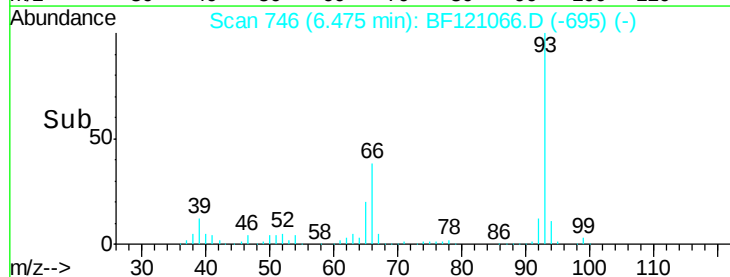
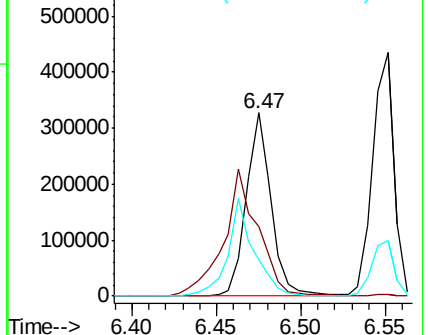
65 20.1 15.8 23.6

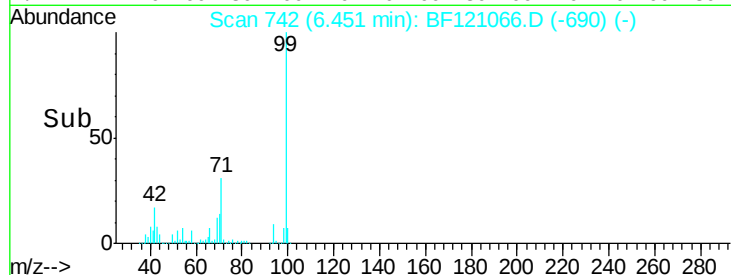
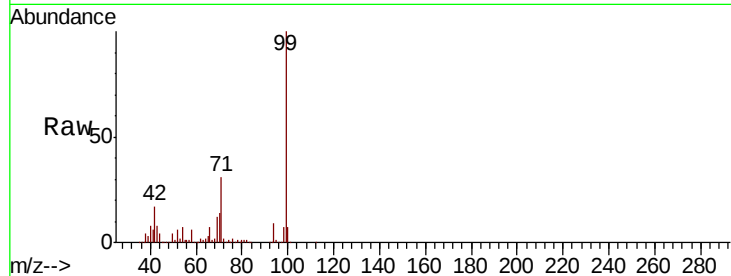


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.285 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tot Ion:	99	Resp:	1337621
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.1	19.7
71	31.0	24.2	36.4

Instrument :

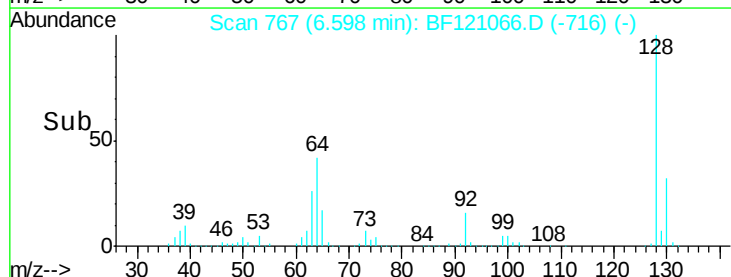
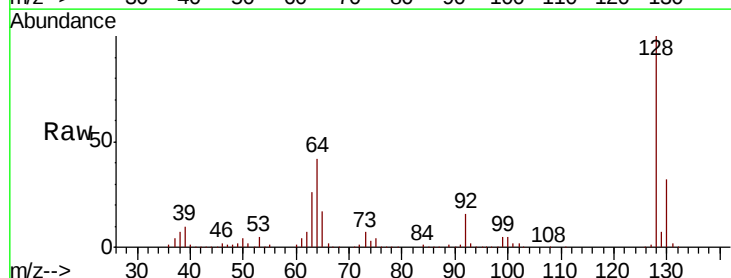
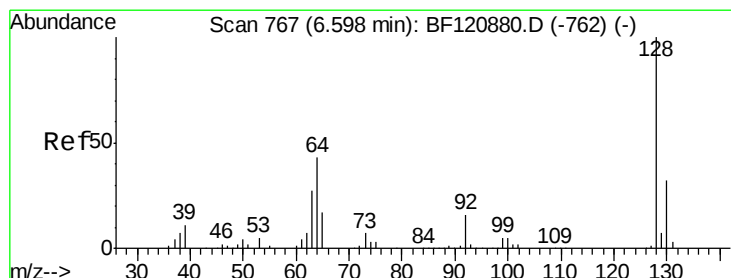
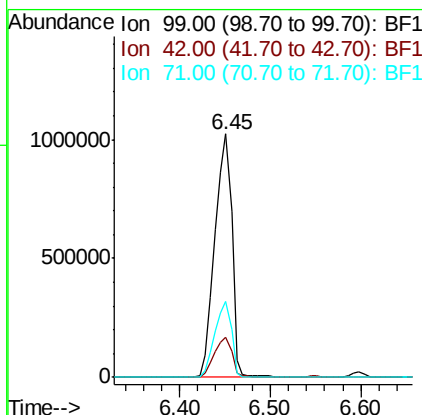
BNA_F

ClientSampleId :

SP-1MS

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#8

2-Chlorophenol

Concen: 37.964 ng

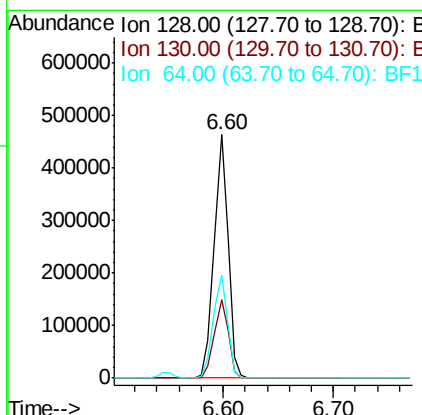
RT: 6.60 min Scan# 767

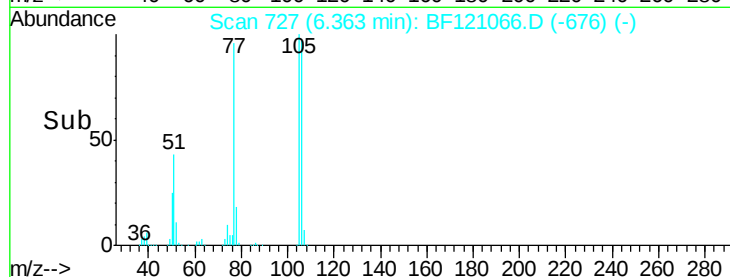
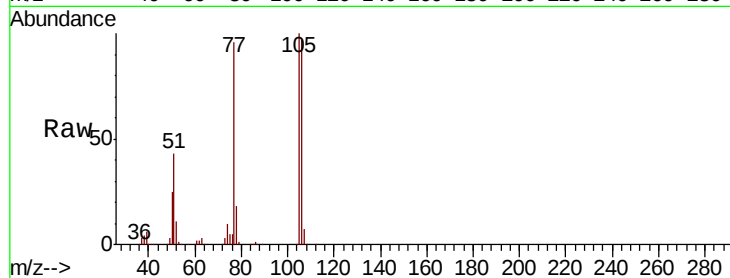
Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	128	Resp:	407471
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.1	52.1
64	42.5	24.0	64.0





#9

Benzaldehyde

Concen: 46.840 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tot Ion:	77	Resp:	273051
Ion Ratio	Lower	Upper	
77	100		
105	103.8	82.5	122.5
106	100.3	78.7	118.7

Instrument :

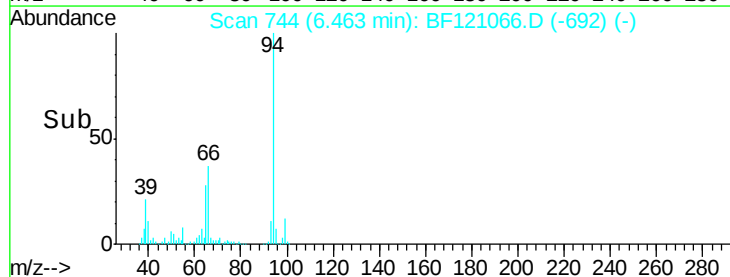
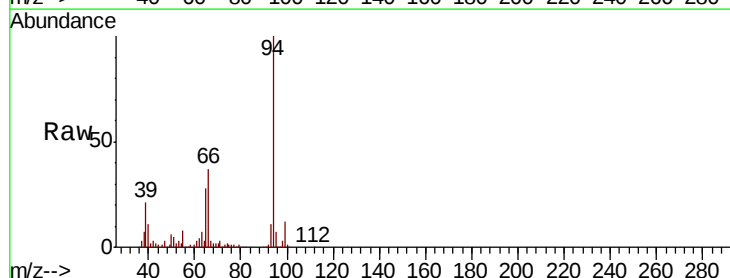
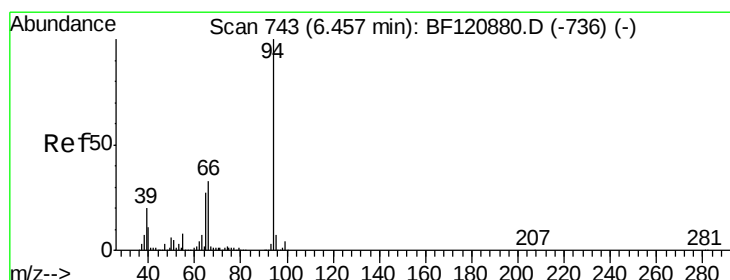
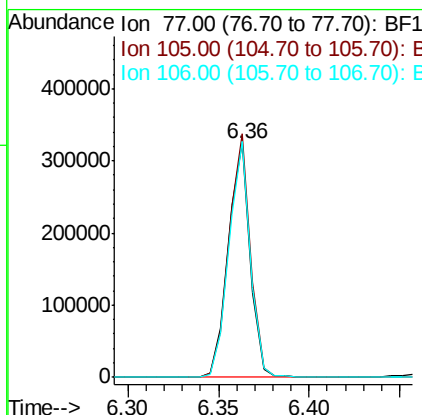
BNA_F

ClientSampled :

SP-1MS

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#10

Phenol

Concen: 33.968 ng

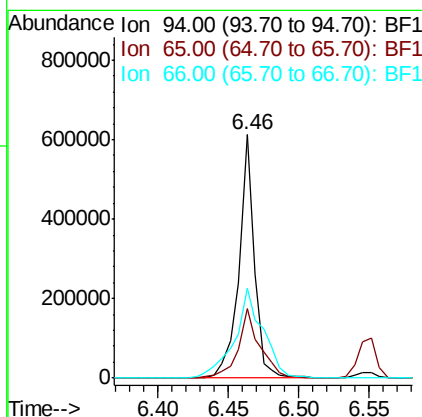
RT: 6.46 min Scan# 744

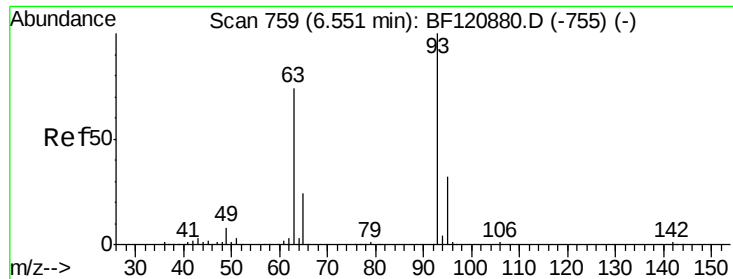
Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	94	Resp:	470248
Ion Ratio	Lower	Upper	
94	100		
65	28.4	6.6	46.6
66	37.1	13.2	53.2





#11

bis(2-Chloroethyl)ether

Concen: 35.909 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

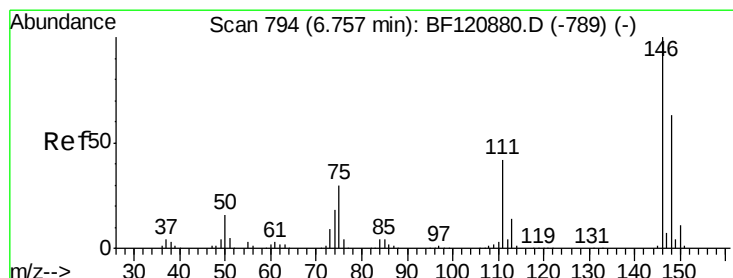
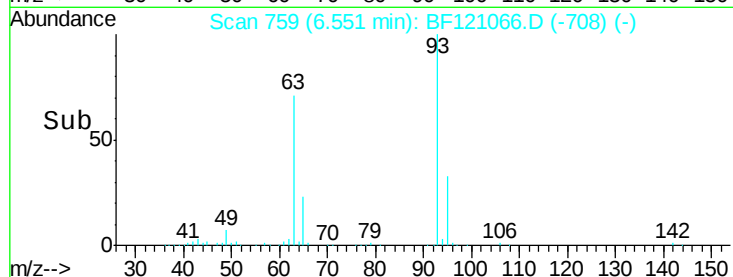
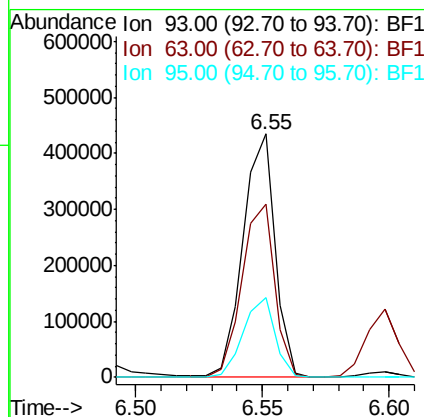
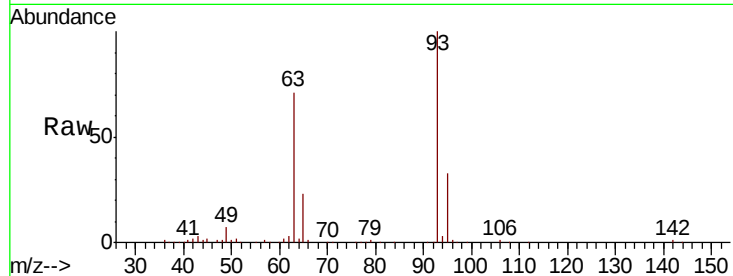
ClientSampleId :

SP-1MS

Tot Ion:	93	Resp:	380989
Ion Ratio	Lower	Upper	
93	100		
63	71.3	54.2	94.2
95	32.5	12.2	52.2

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#12

1,3-Dichlorobenzene

Concen: 35.302 ng

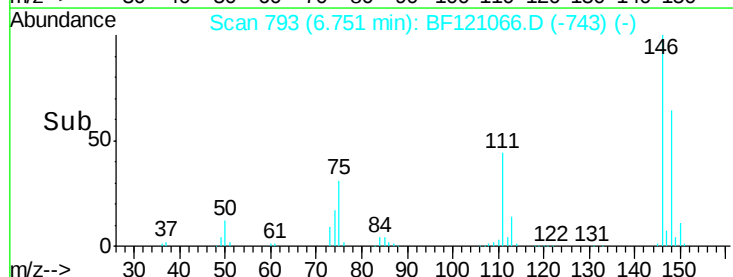
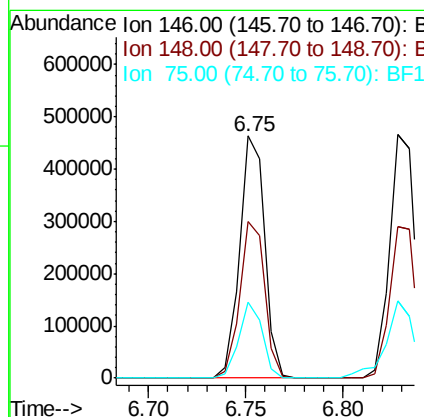
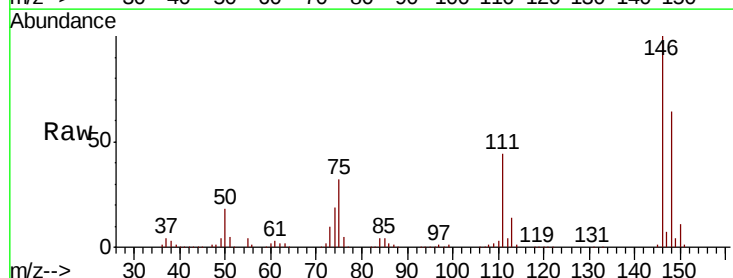
RT: 6.75 min Scan# 793

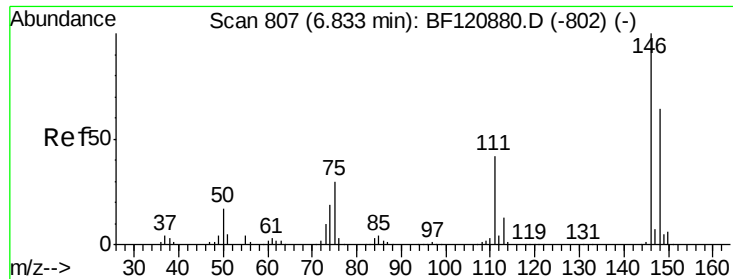
Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	146	Resp:	410854
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
75	31.5	24.1	36.1





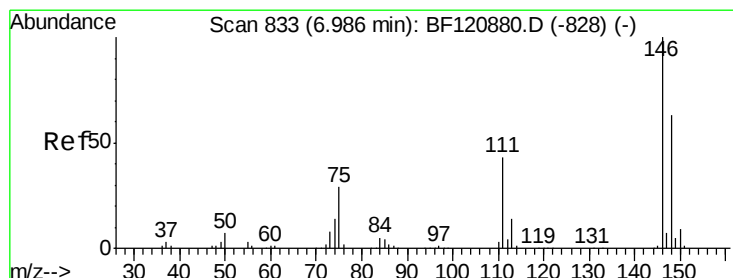
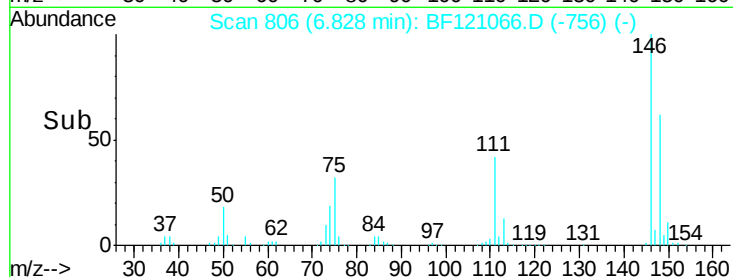
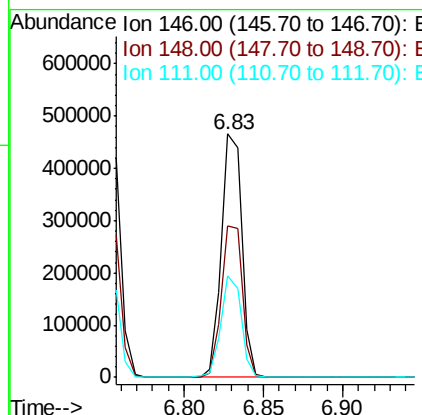
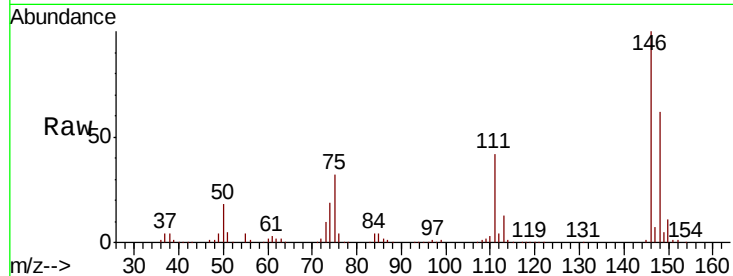
#13
1,4-Dichlorobenzene
Concen: 36.180 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.6	77.4
111	41.8	33.5	50.3

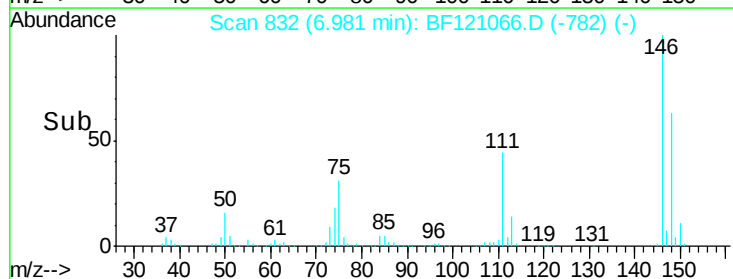
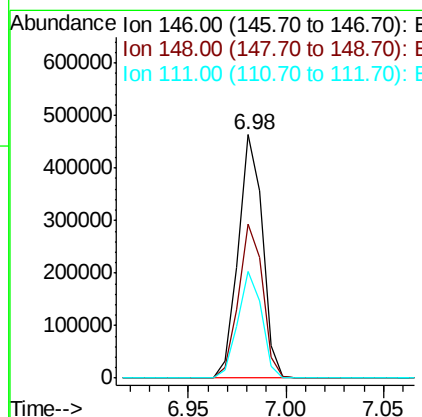
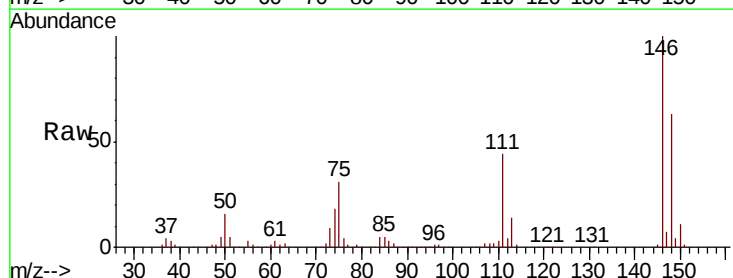
Manual Integrations
APPROVED

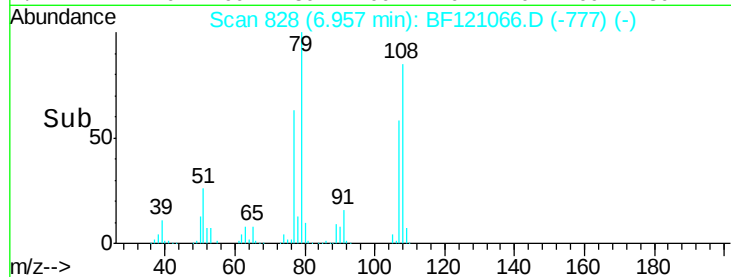
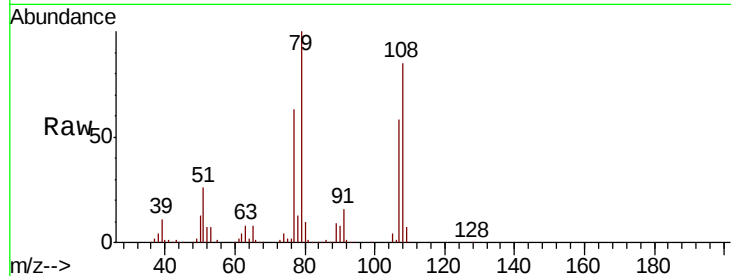
mohammad
7/29/2020 11:47:13 AM



#14
1,2-Dichlorobenzene
Concen: 36.564 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	43.9	34.2	51.2





#15

Benzyl Alcohol

Concen: 35.687 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tot Ion:	79	Resp:	317619
Ion Ratio	Lower	Upper	
79	100		
108	84.7	67.0	100.6
77	63.2	51.0	76.4

Instrument :

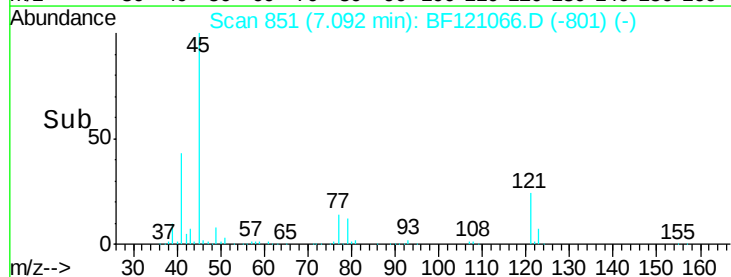
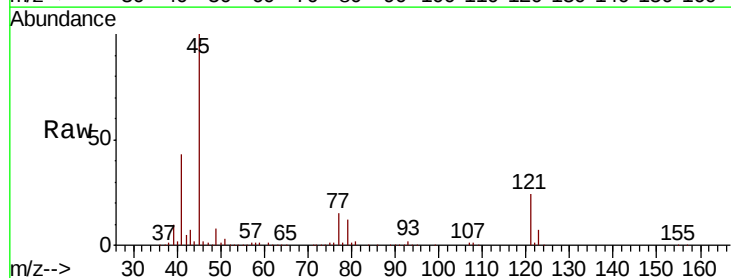
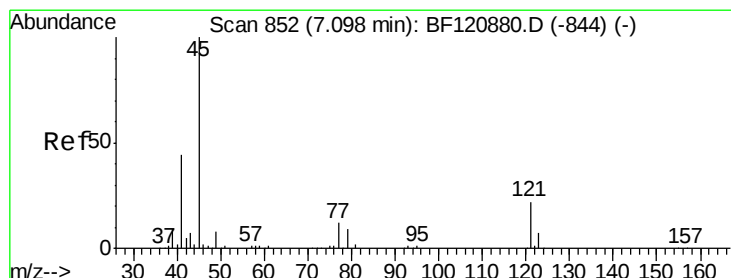
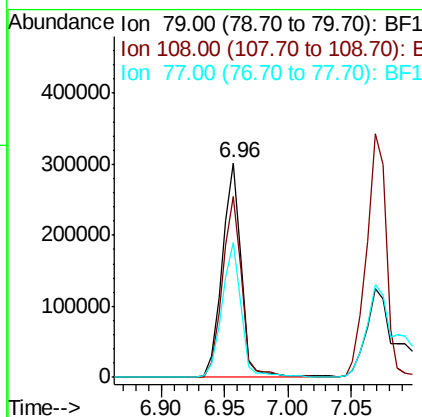
BNA_F

ClientSampleId :

SP-1MS

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.847 ng

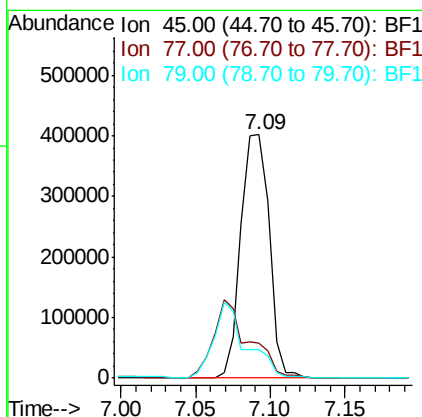
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	45	Resp:	532905
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.7	0.0	31.0





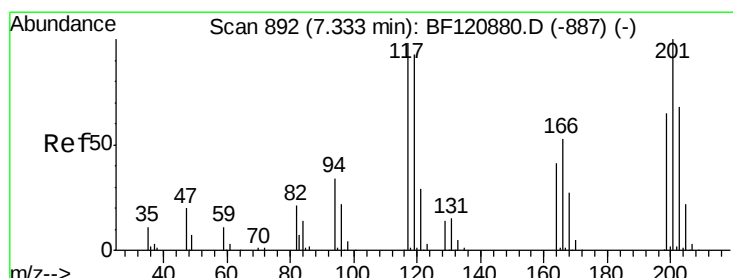
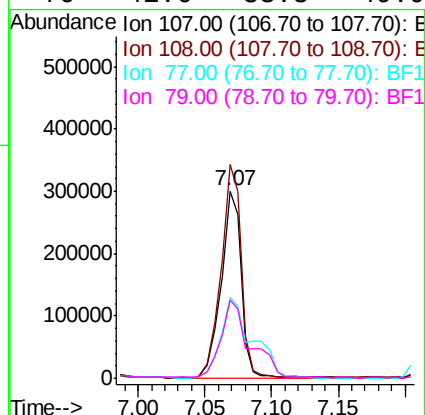
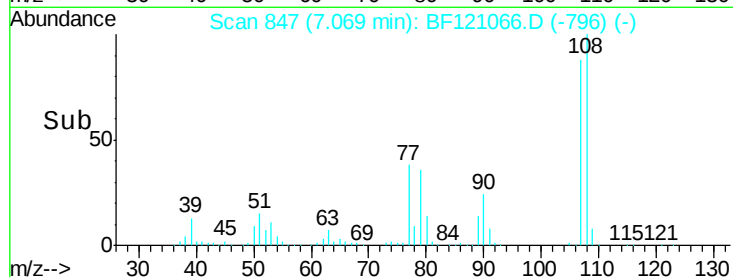
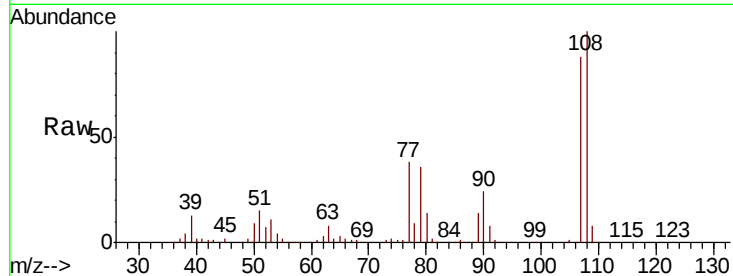
#17
2-Methylphenol
Concen: 33.788 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:	107	Resp:	321422
Ion Ratio	Lower	Upper	
107	100		
108	114.0	92.0	138.0
77	43.3	34.0	51.0
79	41.6	33.3	49.9

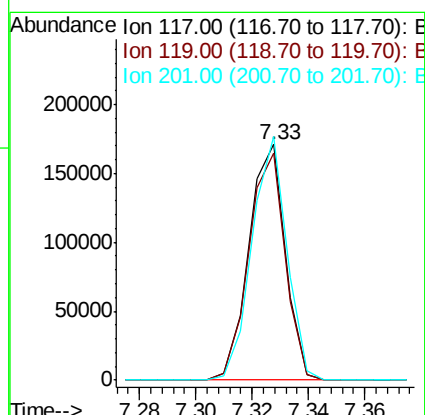
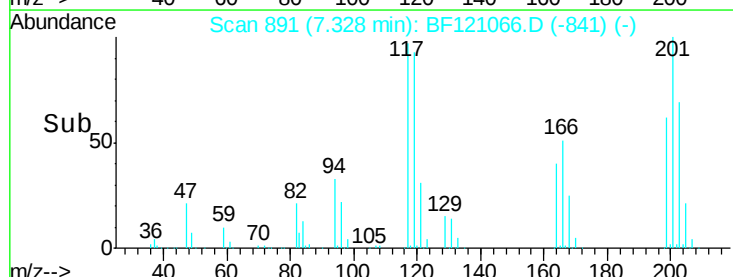
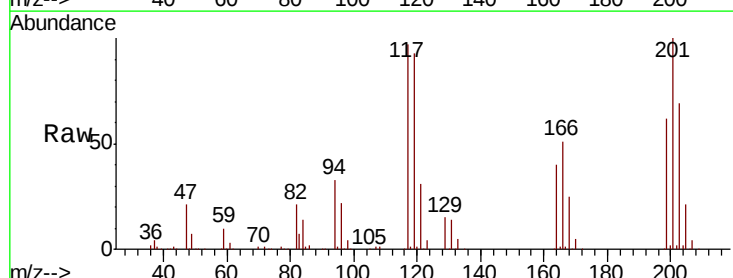
Manual Integrations
APPROVED

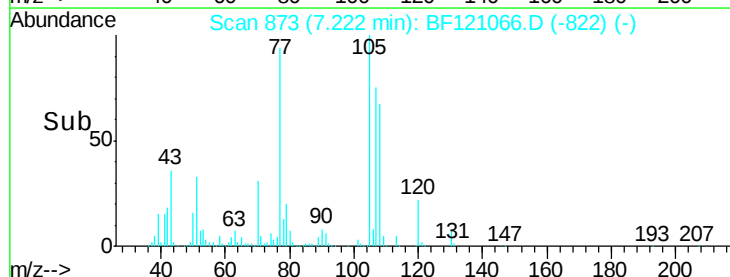
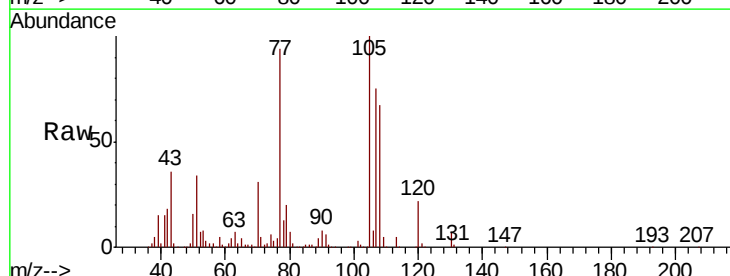
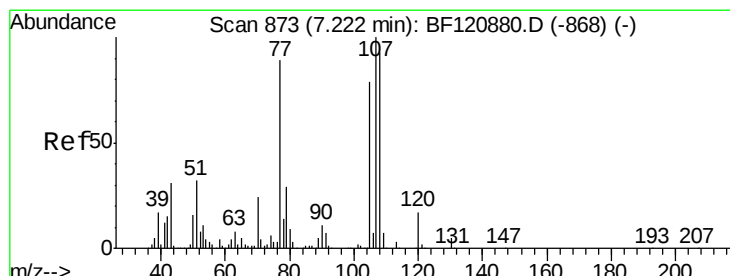
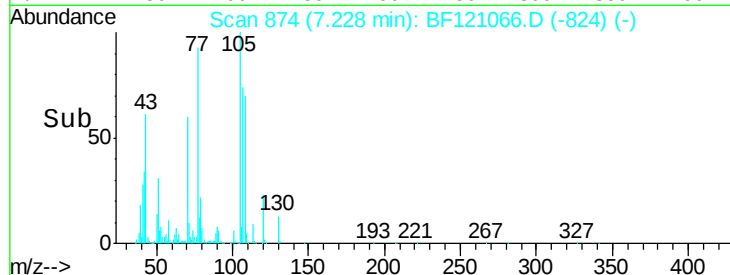
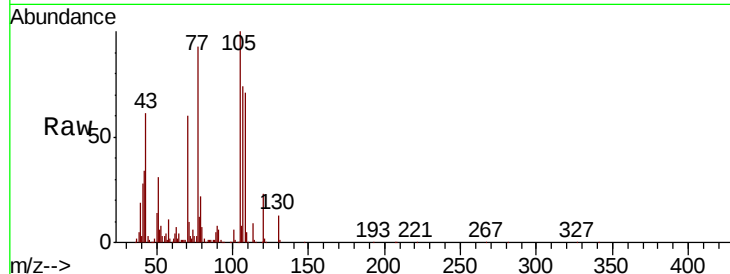
mohammad
7/29/2020 11:47:13 AM



#18
Hexachloroethane
Concen: 36.453 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:	117	Resp:	152689
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.0	114.0
201	103.4	81.7	122.5





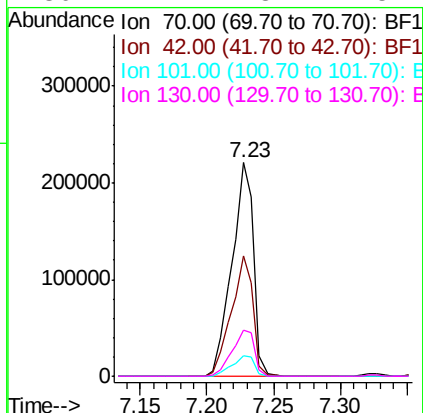
#19
n-Nitroso-di-n-propylamine
Concen: 35.320 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.0	66.0
101	9.8	7.8	11.6
130	21.4	18.7	28.1

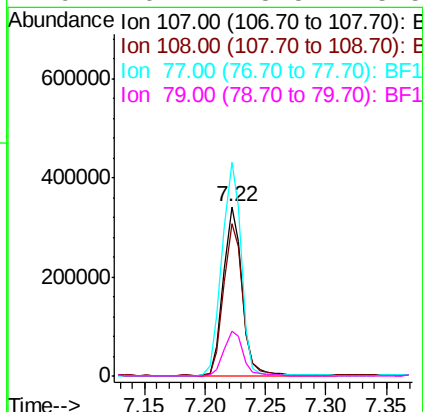
Manual Integrations
APPROVED

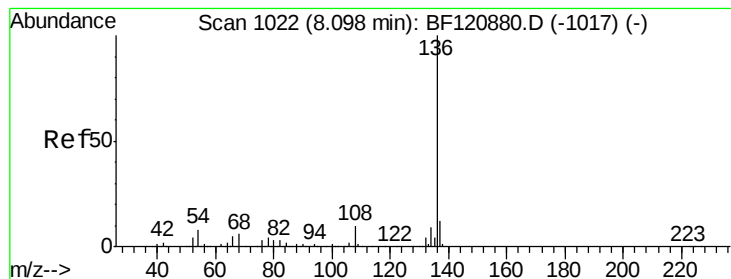
mohammad
7/29/2020 11:47:13 AM



#20
3+4-Methylphenols
Concen: 30.215 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.8	112.8
77	126.0	68.7	108.7#
79	26.4	8.5	48.5





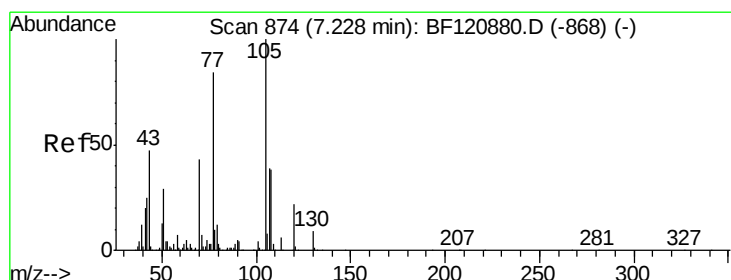
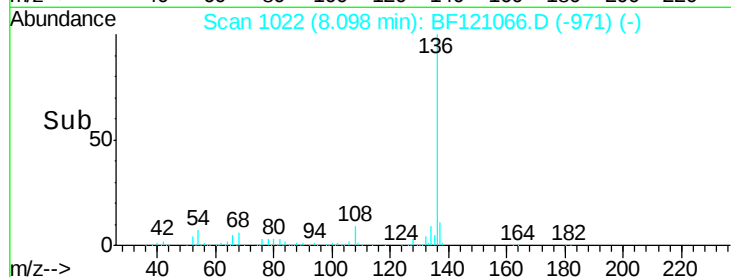
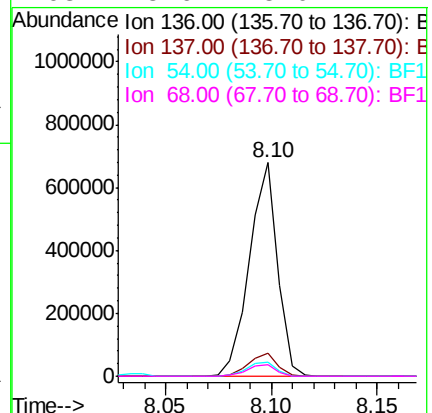
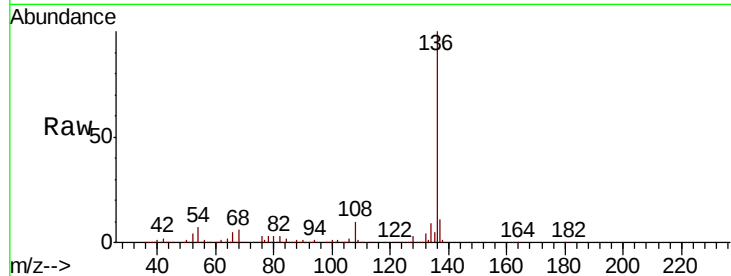
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		629349		
137	11.1	9.3	13.9		
54	6.7	6.3	9.5		
68	5.6	5.0	7.4		

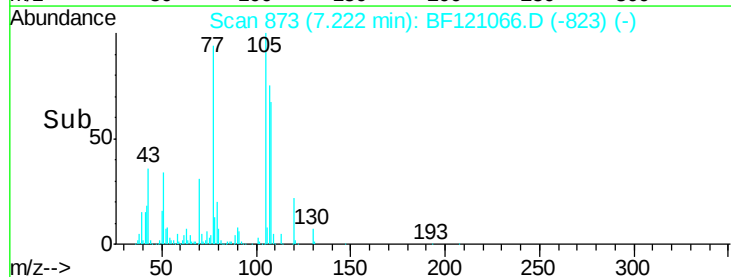
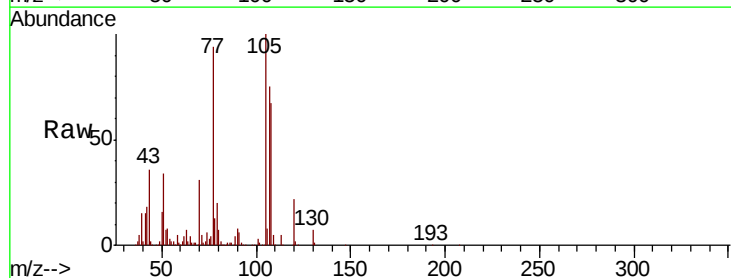
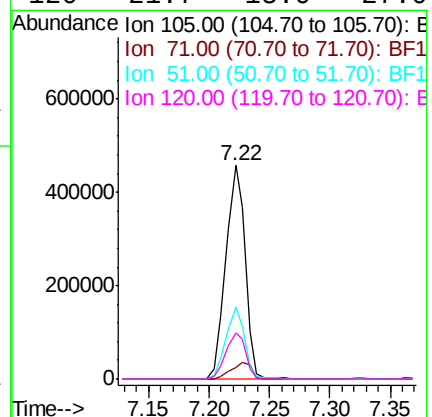
Manual Integrations
APPROVED

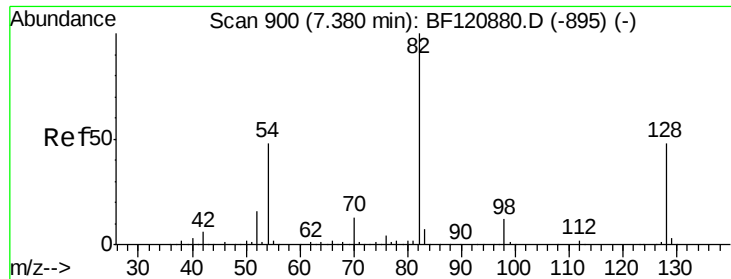
mohammad
7/29/2020 11:47:13 AM



#22
Acetophenone
Concen: 35.743 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		504848		
71	5.2	5.7	8.5#		
51	33.6	22.9	34.3		
120	21.7	18.0	27.0		





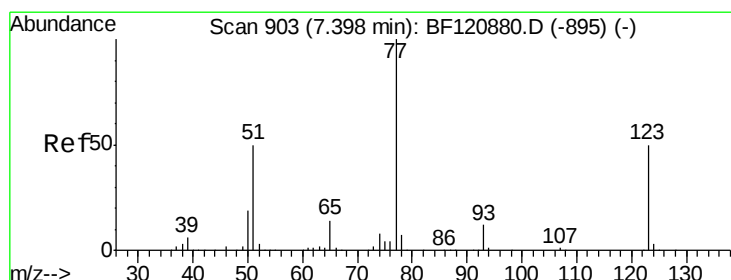
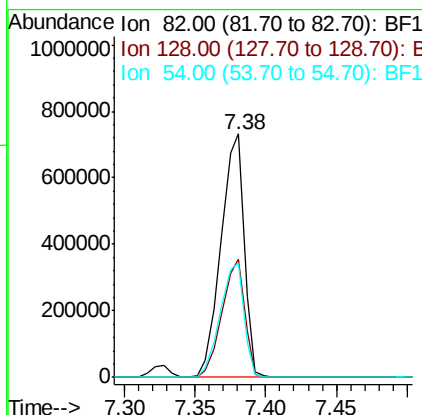
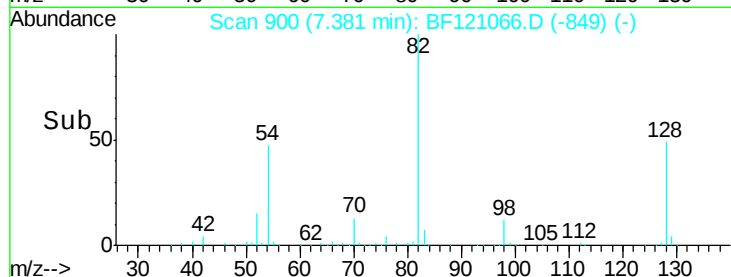
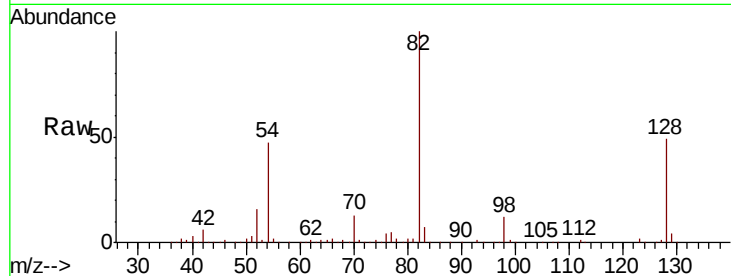
#23
 Nitrobenzene-d5
 Concen: 77.232 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.2	57.4
54	46.9	38.7	58.1

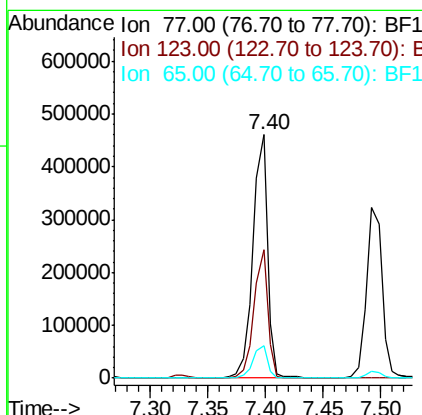
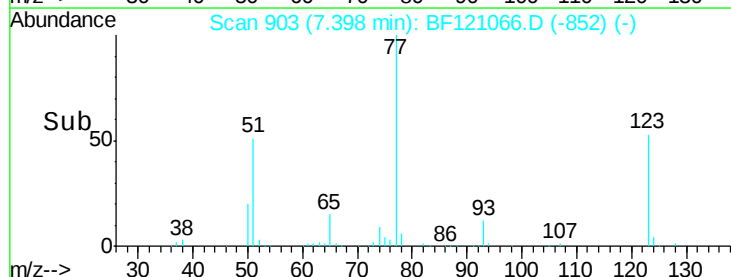
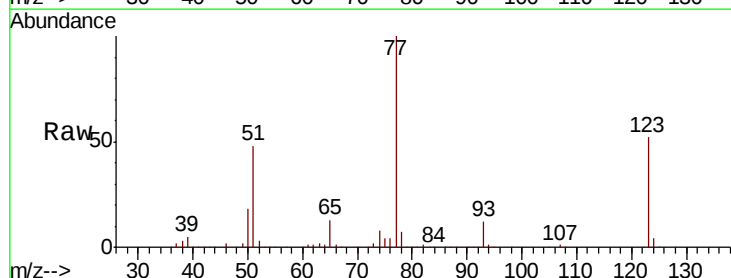
Manual Integrations
 APPROVED

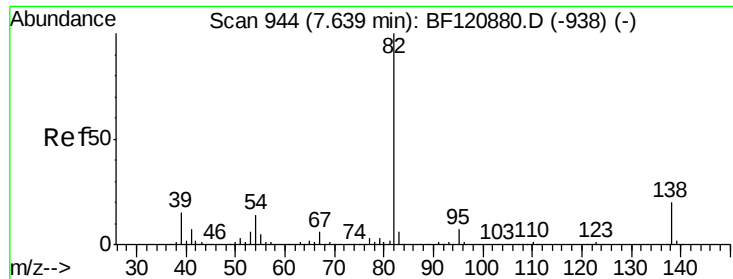
mohammad
 7/29/2020 11:47:13 AM



#24
 Nitrobenzene
 Concen: 34.461 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	40.1	60.1
65	13.3	10.8	16.2





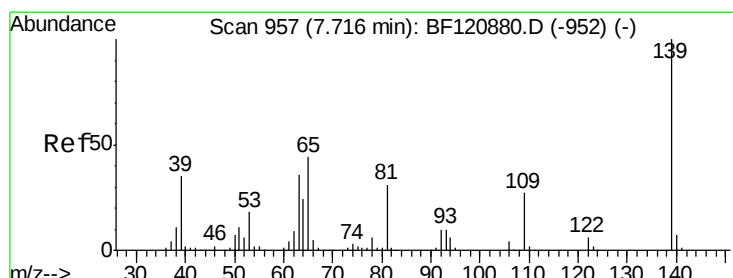
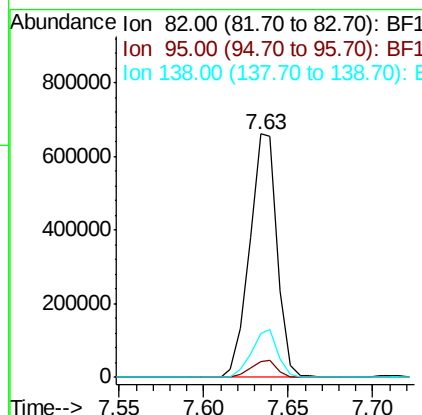
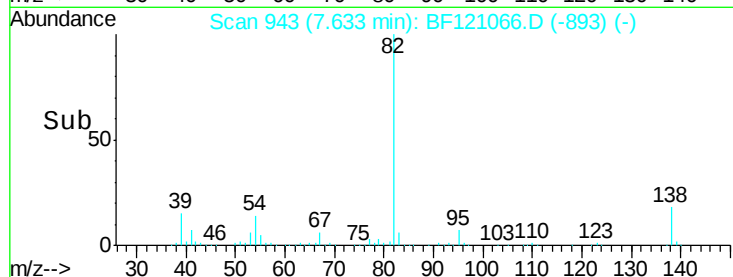
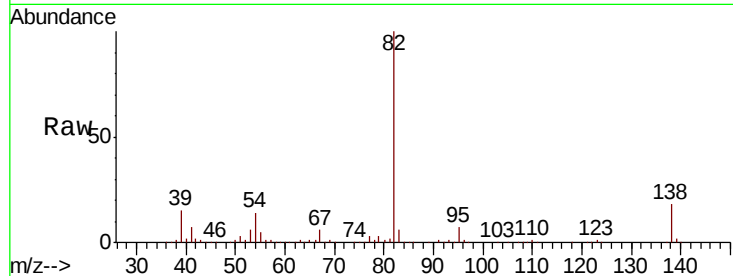
#25
Isophorone
Concen: 34.565 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	750311		
95	6.7		5.5	8.3
138	18.0		15.6	23.4

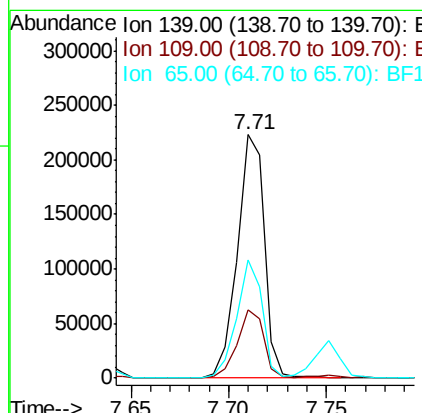
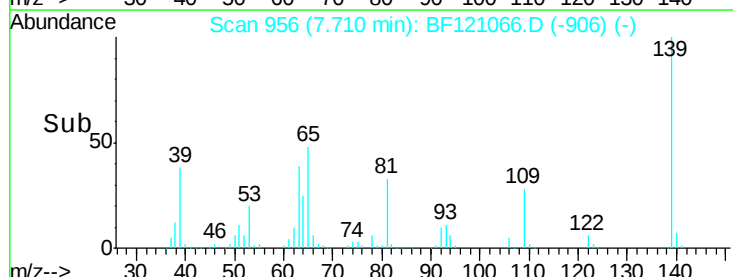
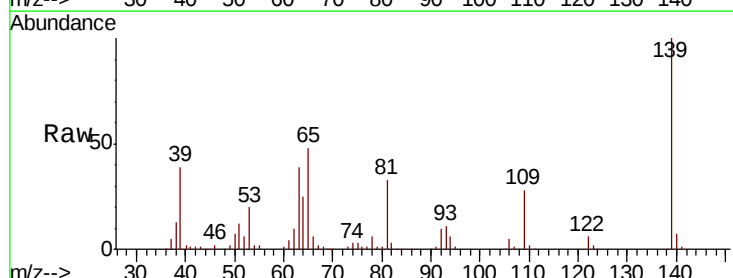
Manual Integrations
APPROVED

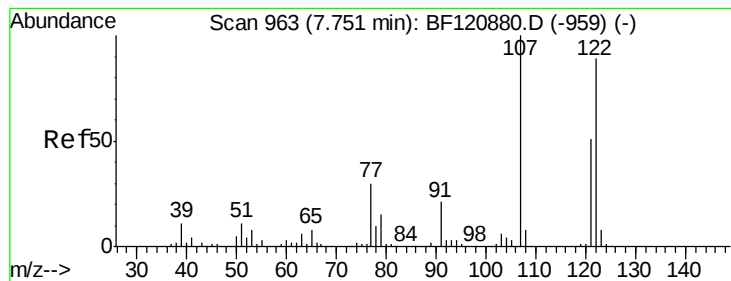
mohammad
7/29/2020 11:47:13 AM



#26
2-Nitrophenol
Concen: 38.546 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	214607		
109	28.3		21.6	32.4
65	48.5		35.3	52.9





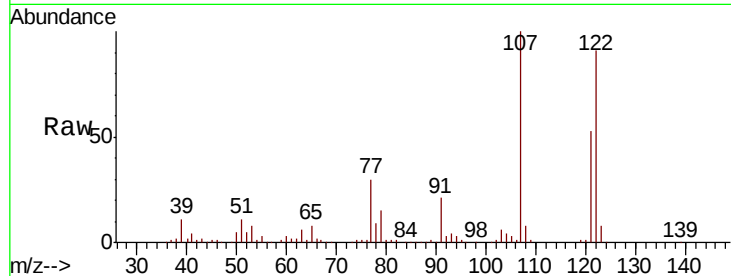
#27
2,4-Dimethylphenol
Concen: 38.482 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

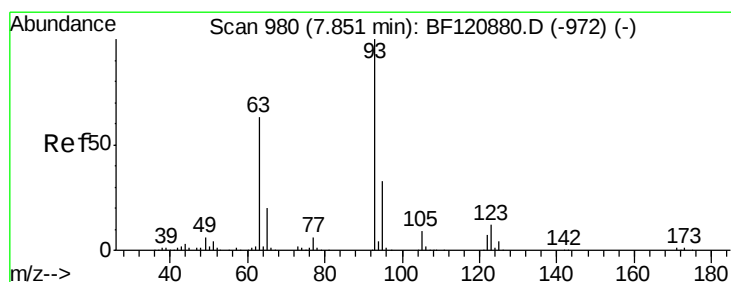
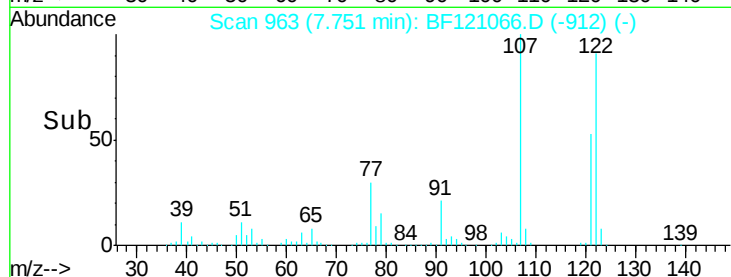
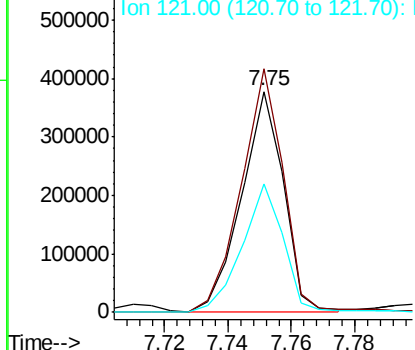
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.4	134.0
121	58.0	46.0	69.0

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM

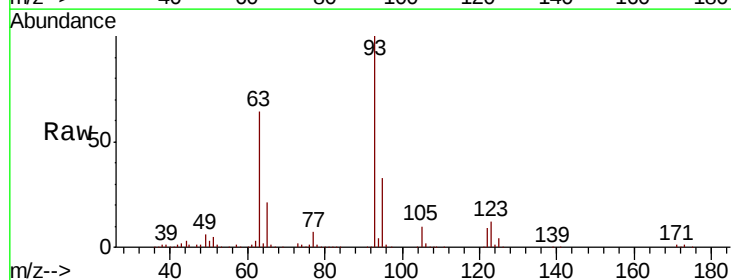


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

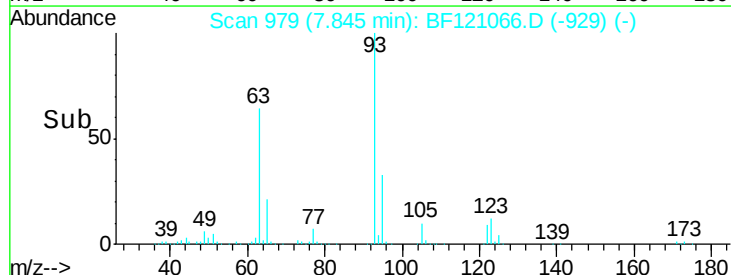
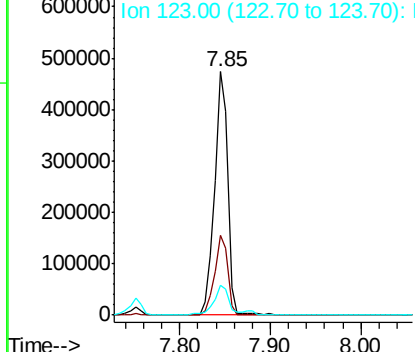


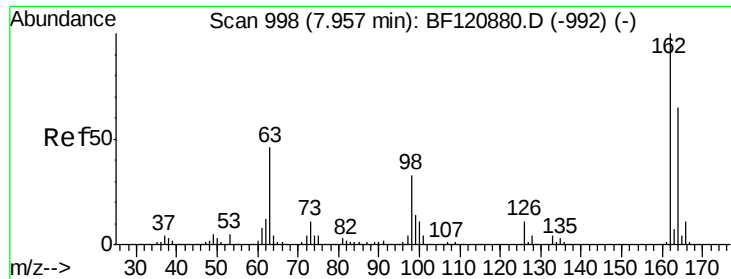
#28
bis(2-Chloroethoxy)methane
Concen: 36.100 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	39.8
123	12.1	10.0	15.0



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





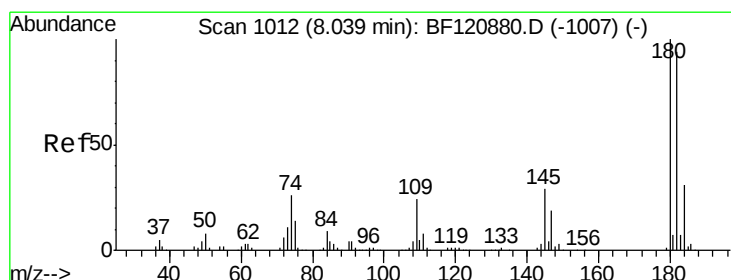
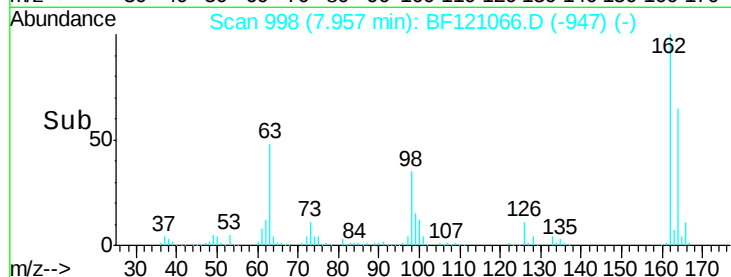
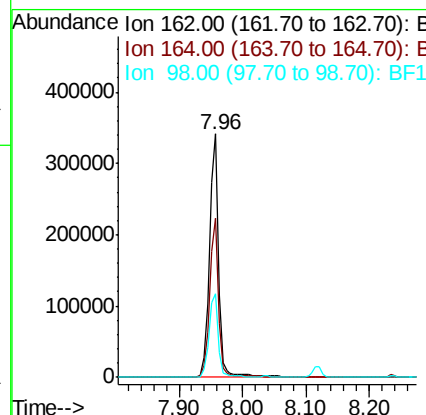
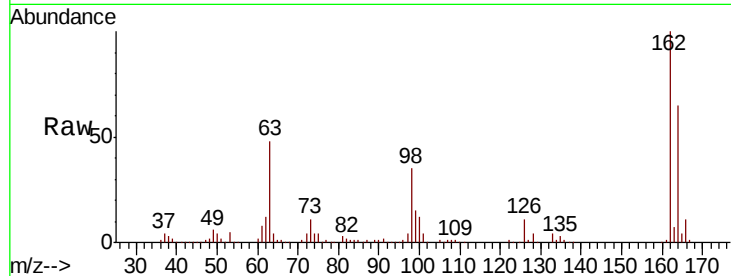
#29
2,4-Dichlorophenol
Concen: 36.386 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.1	45.3	85.3	
98	34.5	13.3	53.3	

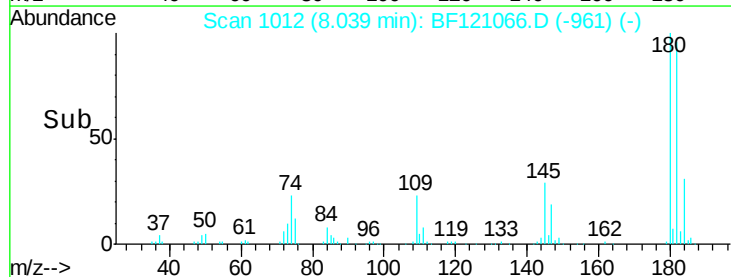
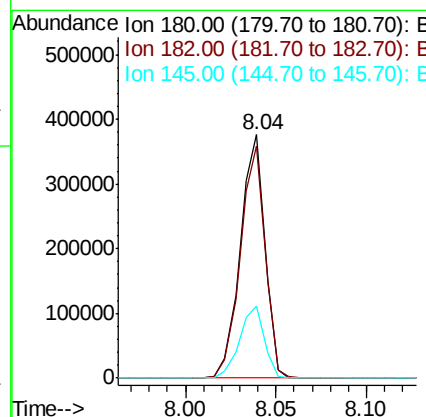
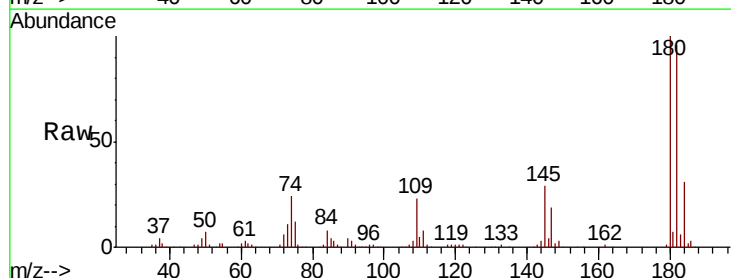
Manual Integrations
APPROVED

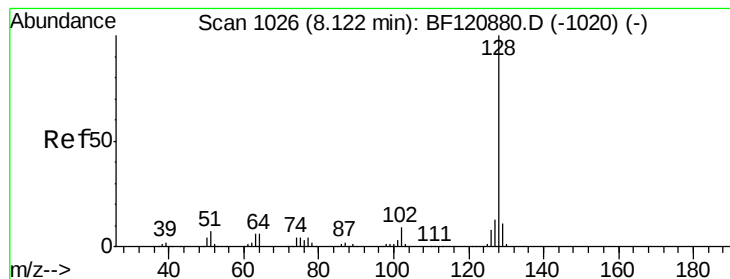
mohammad
7/29/2020 11:47:13 AM



#30
1,2,4-Trichlorobenzene
Concen: 34.772 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	75.0	112.6	
145	29.5	23.5	35.3	





#31

Naphthalene

Concen: 34.383 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:128 Resp: 1109989

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

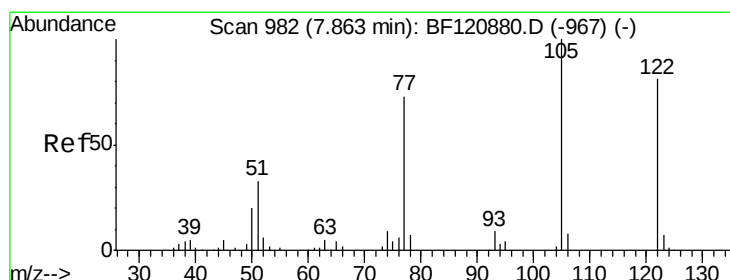
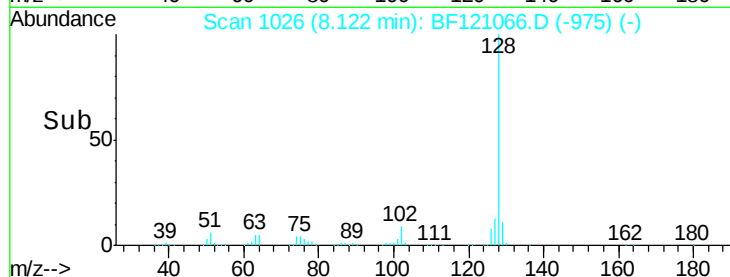
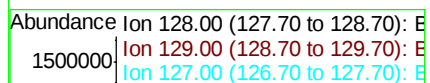
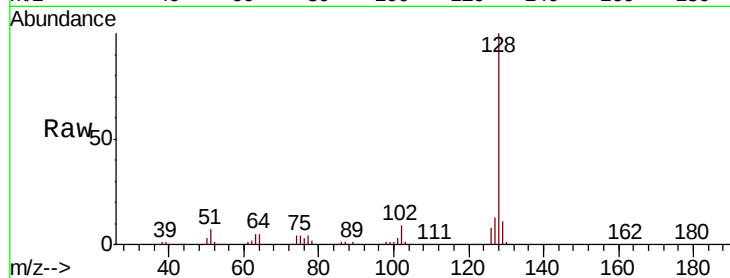
127 13.4 10.7 16.1

Manual Integrations

APPROVED

mohammad

7/29/2020 11:47:13 AM



#32

Benzoic acid

Concen: 38.750 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

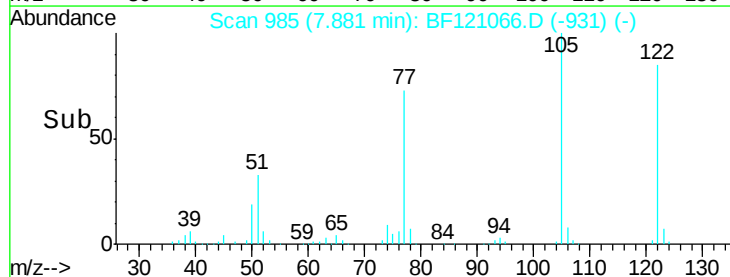
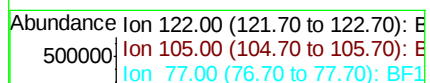
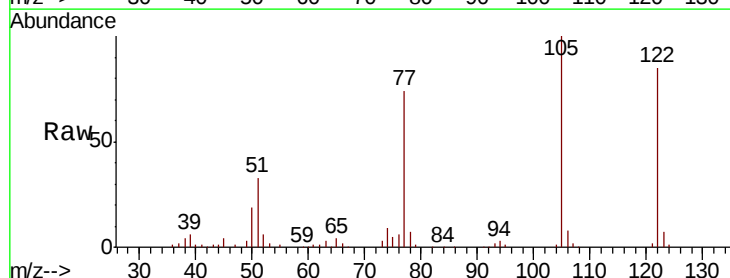
Tgt Ion:122 Resp: 262940

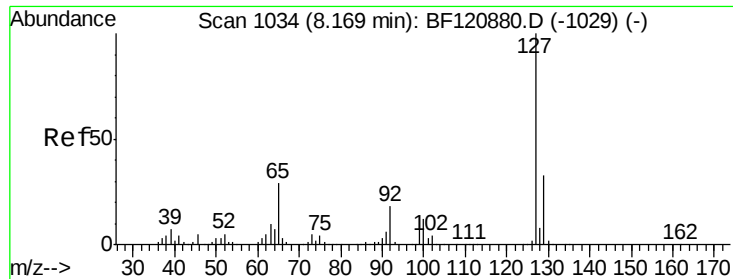
Ion Ratio Lower Upper

122 100

105 118.1 101.3 141.3

77 87.9 69.1 109.1





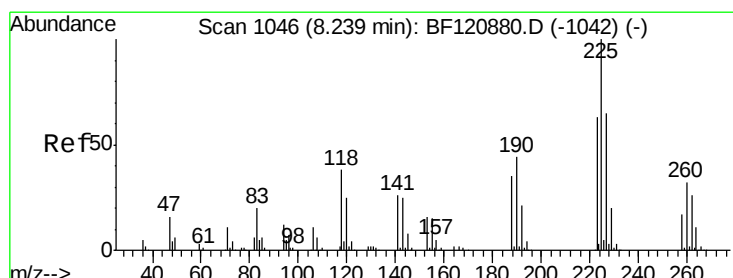
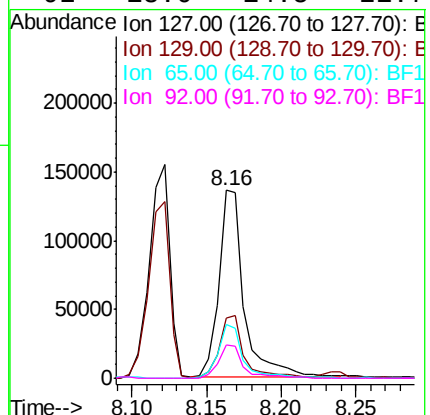
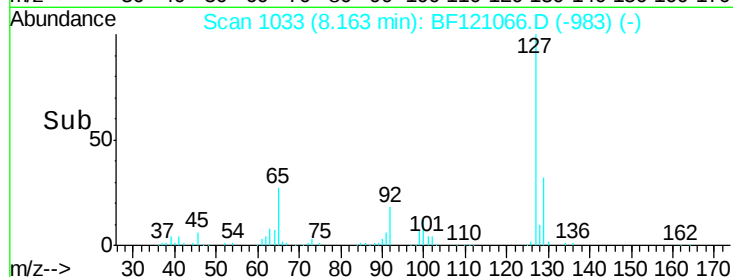
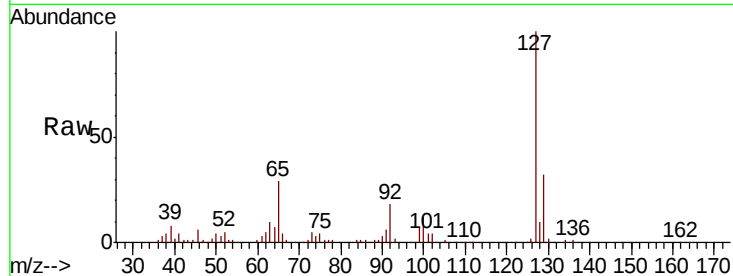
#33
4-Chloroaniline
Concen: 11.271 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.5	39.7		
65	29.0	23.0	34.4		
92	18.0	14.5	21.7		

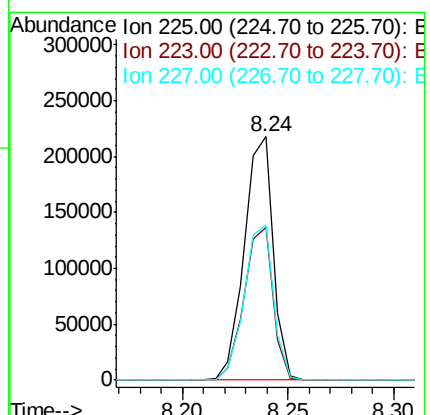
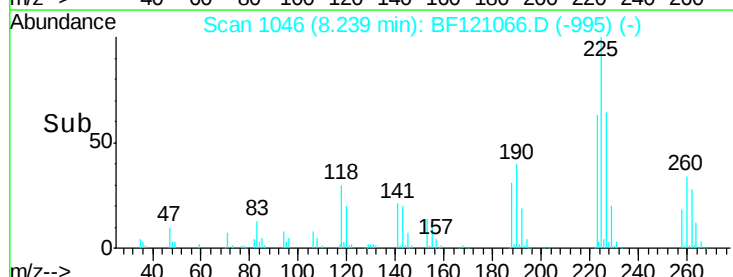
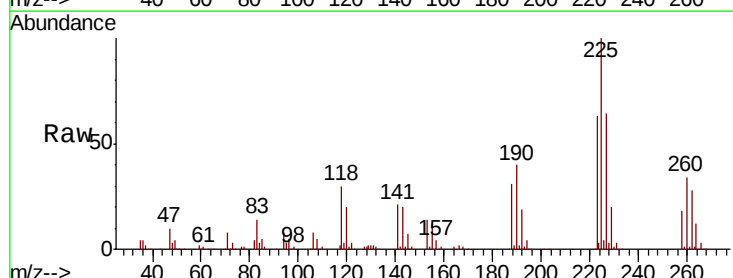
Manual Integrations
APPROVED

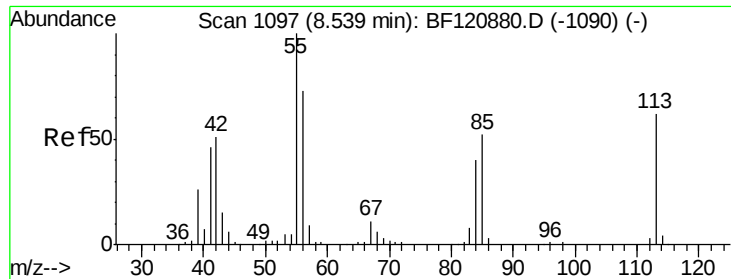
mohammad
7/29/2020 11:47:13 AM



#34
Hexachlorobutadiene
Concen: 34.210 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.6	76.0		
227	63.7	52.2	78.2		





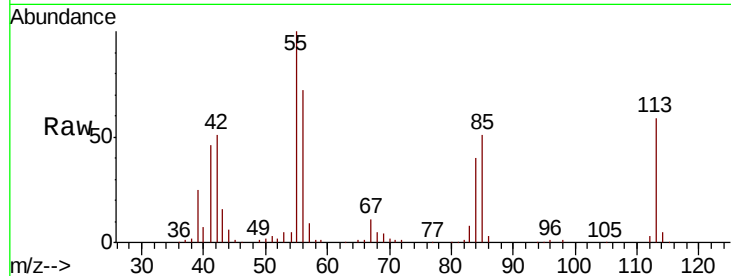
#35
Caprolactam
Concen: 37.343 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

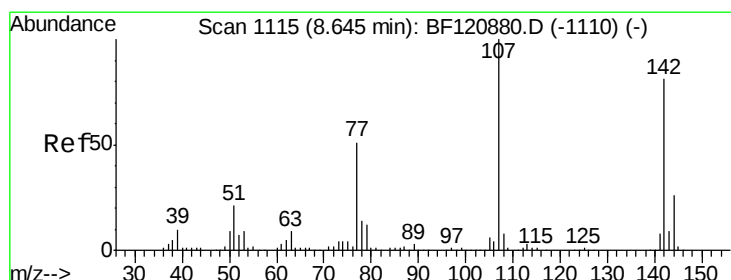
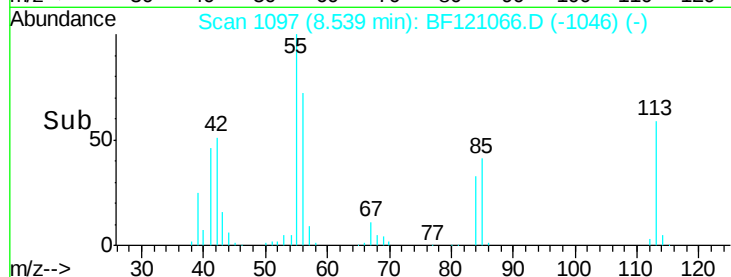
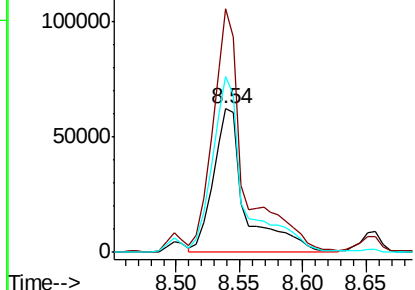
Tot Ion	Ratio	Lower	Upper
113	100		
55	169.5	143.3	183.3
56	122.4	99.4	139.4

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM

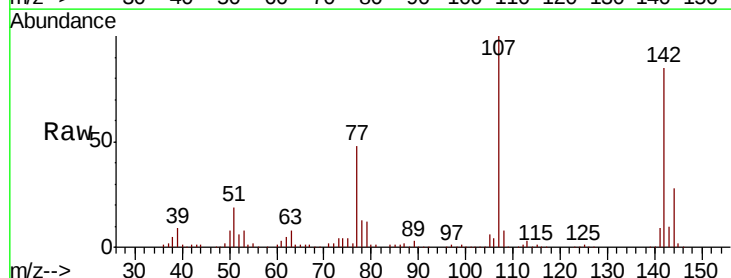


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

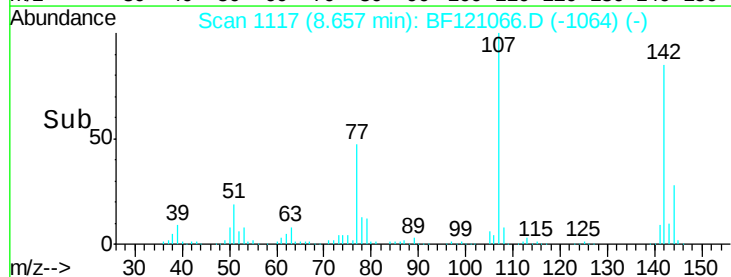
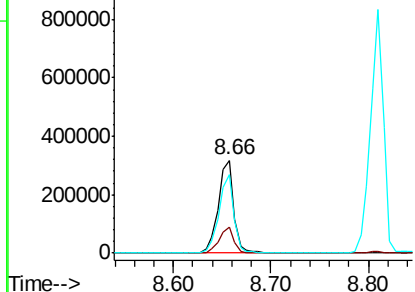


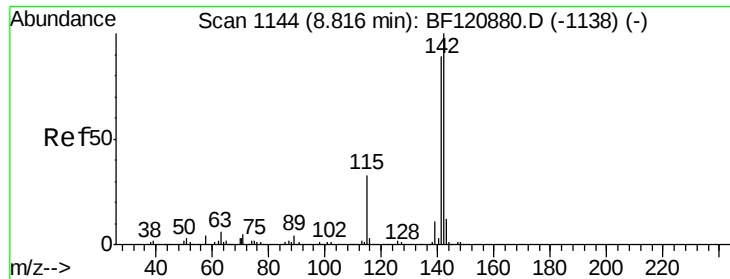
#36
4-Chloro-3-methylphenol
Concen: 37.126 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.0	31.6
142	84.6	65.0	97.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





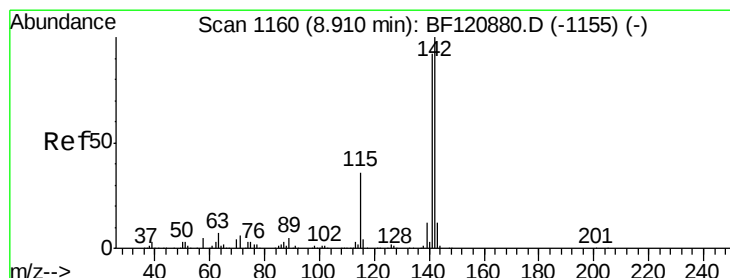
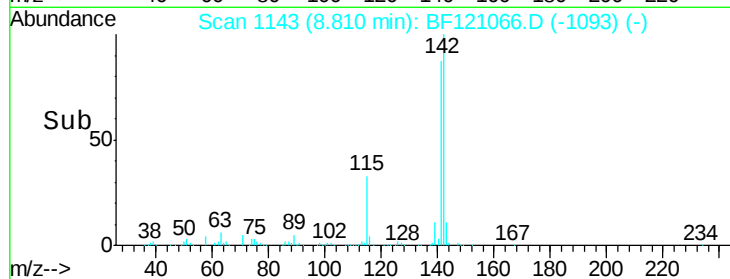
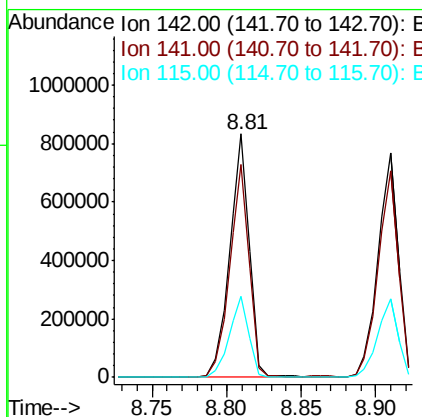
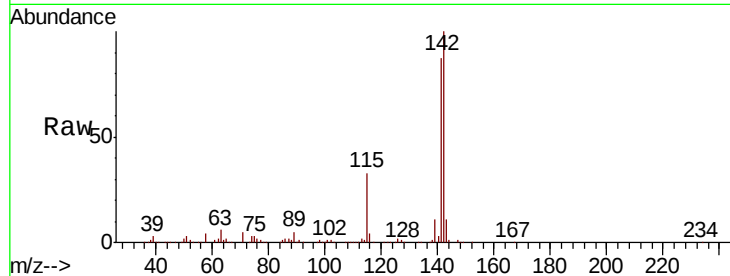
#37
2-Methylnaphthalene
Concen: 36.868 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4
115	33.1	26.0	39.0

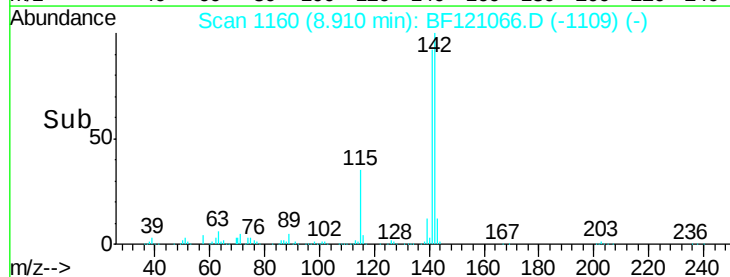
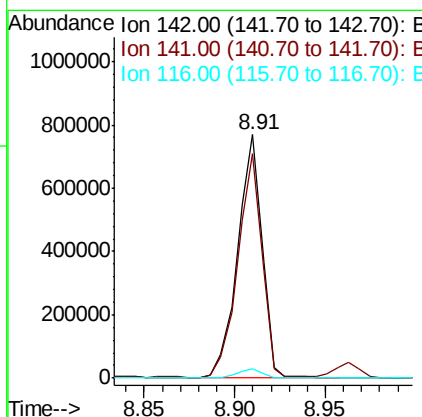
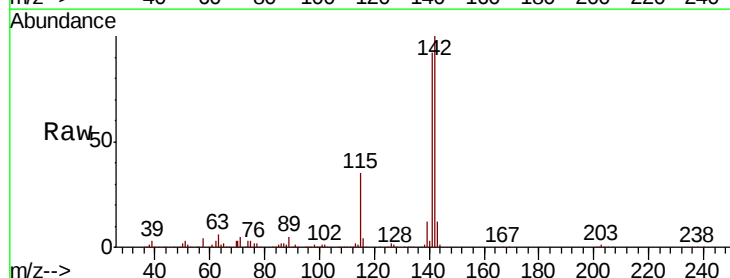
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#38
1-Methylnaphthalene
Concen: 36.092 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

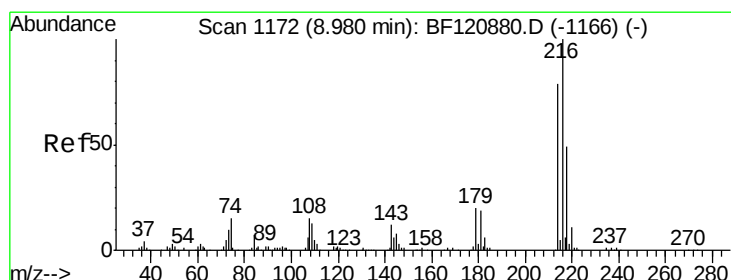
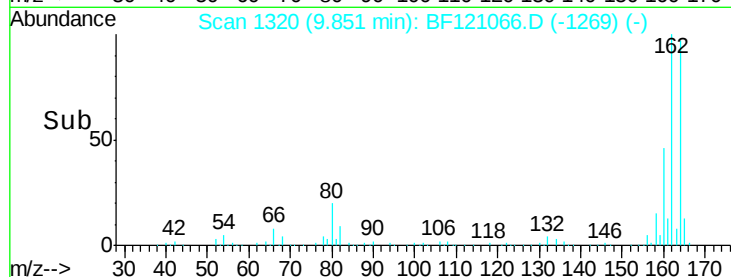
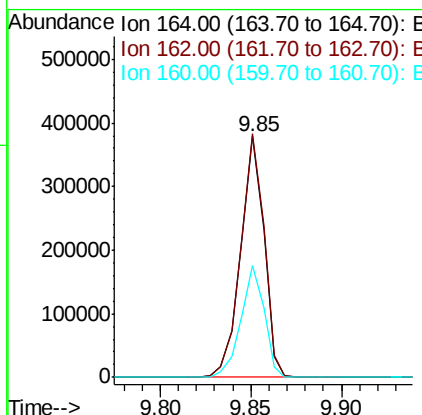
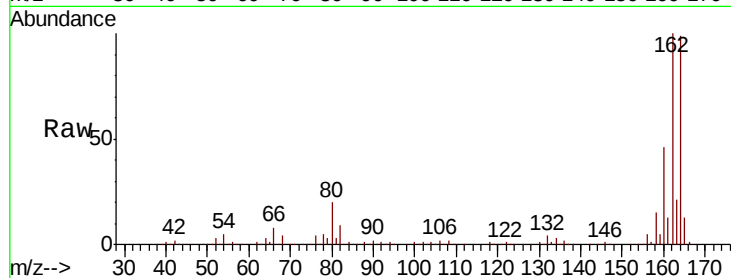
ClientSampleId :

SP-1MS

Tot Ion:	164	Resp:	339967
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.2	121.8
160	46.7	36.9	55.3

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.012 ng

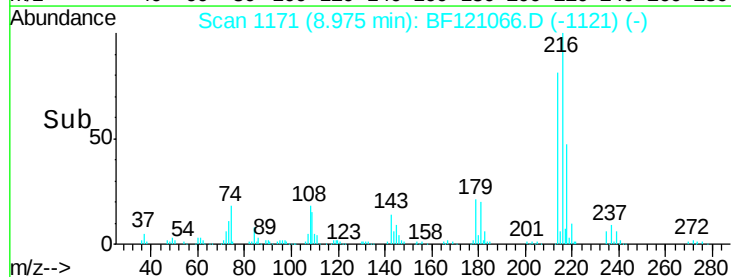
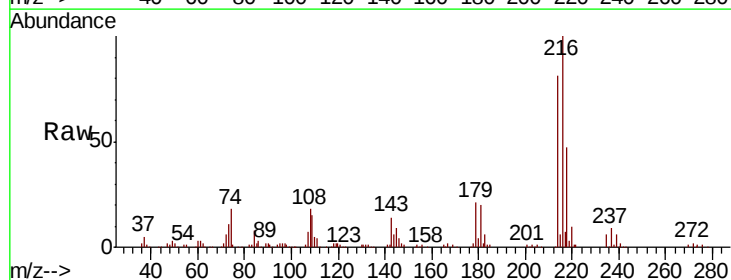
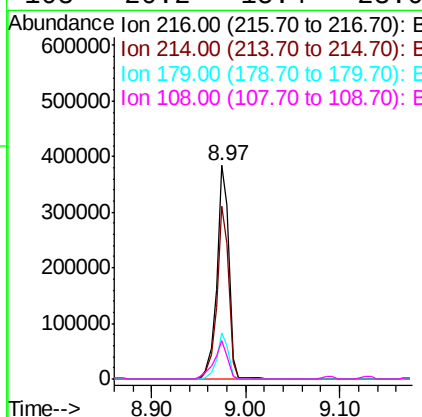
RT: 8.97 min Scan# 1171

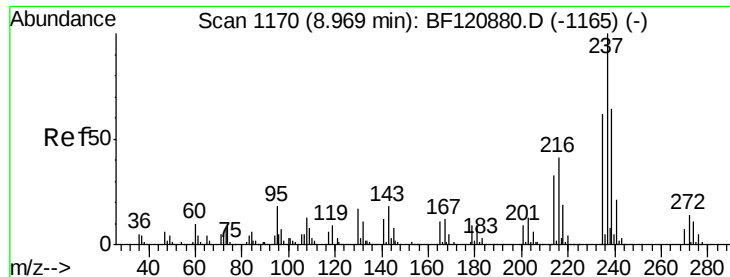
Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	216	Resp:	346802
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	20.5	16.6	24.8
108	20.2	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 66.280 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

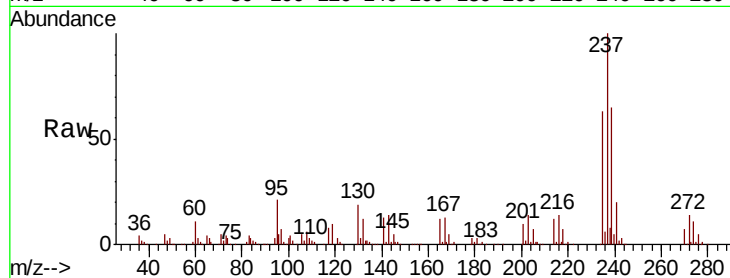
ClientSampled :

SP-1MS

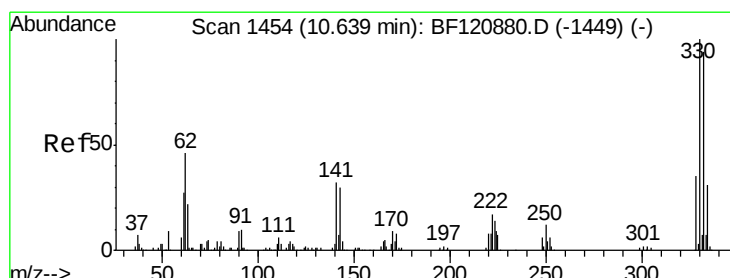
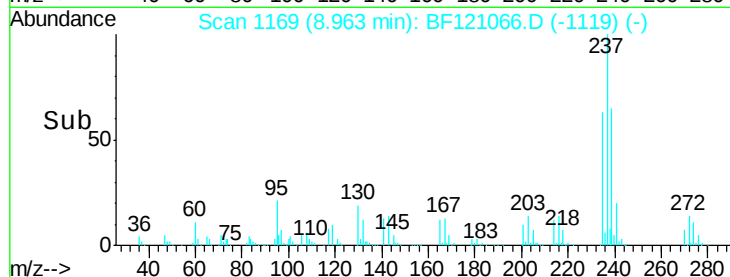
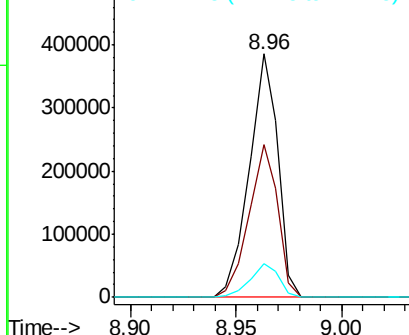
Tot Ion:	237	Resp:	362840
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.6	81.6
272	13.8	0.0	33.7

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



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



#42

2,4,6-Tribromophenol

Concen: 112.714 ng

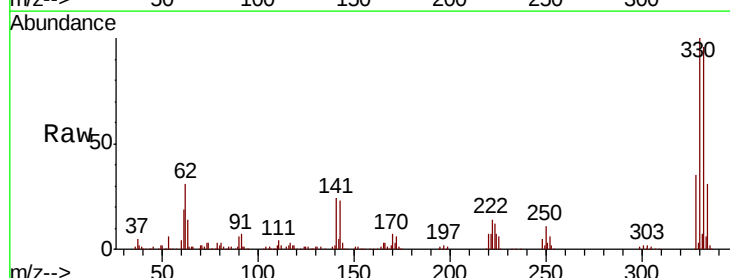
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

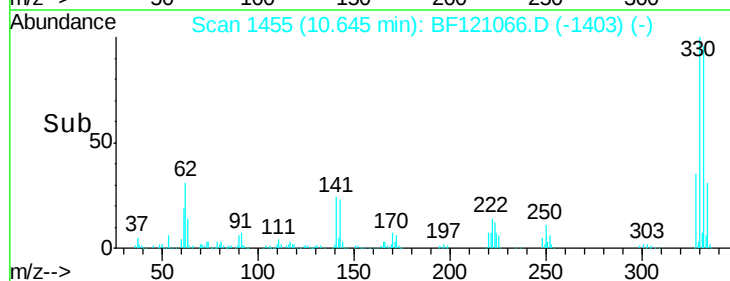
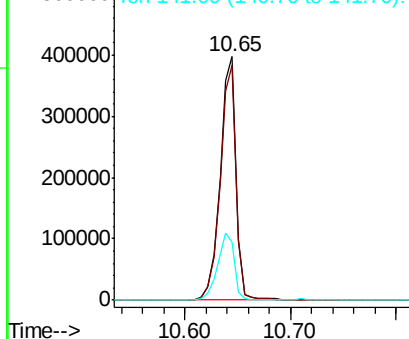
Lab File: BF121066.D

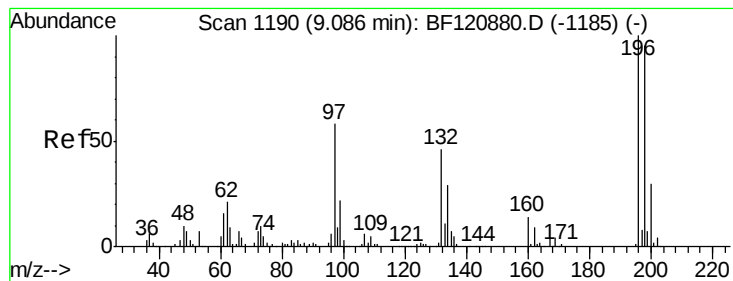
Acq: 28 Jul 2020 13:20

Tgt Ion:	330	Resp:	419438
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.5	113.3
141	29.6	25.7	38.5



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





#43

2,4,6-Trichlorophenol

Concen: 35.666 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

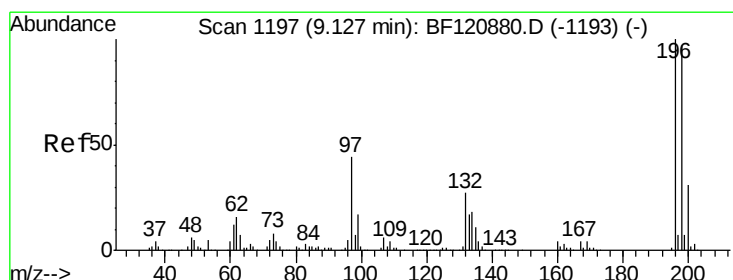
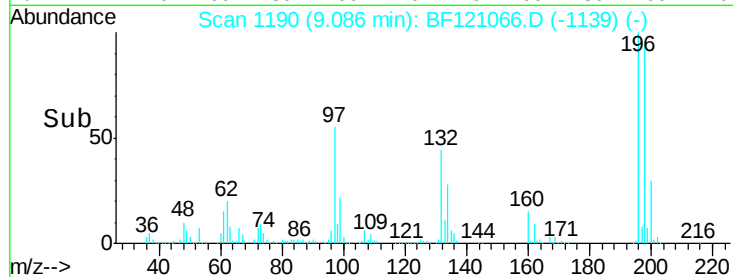
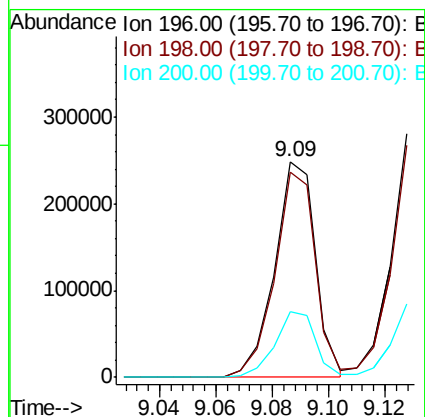
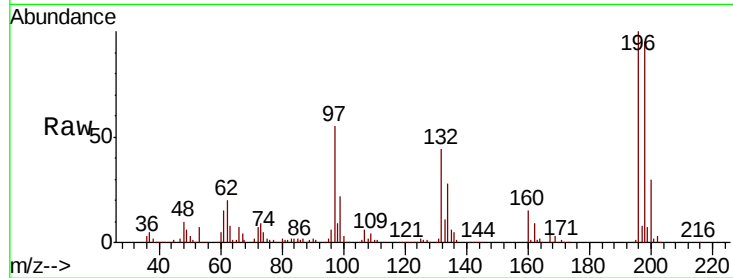
ClientSampled :

SP-1MS

Tot Ion:	196	Resp:	248742
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
200	30.3	24.4	36.6

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#44

2,4,5-Trichlorophenol

Concen: 33.671 ng

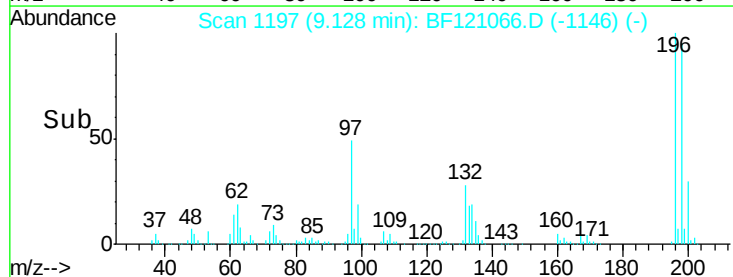
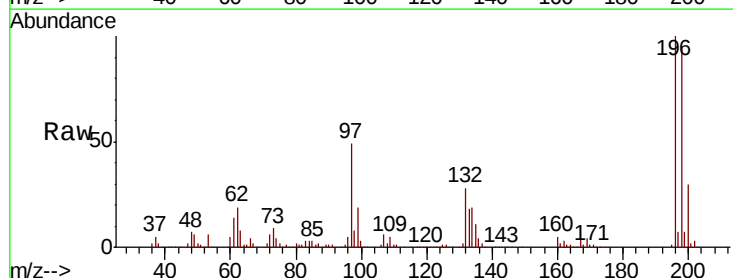
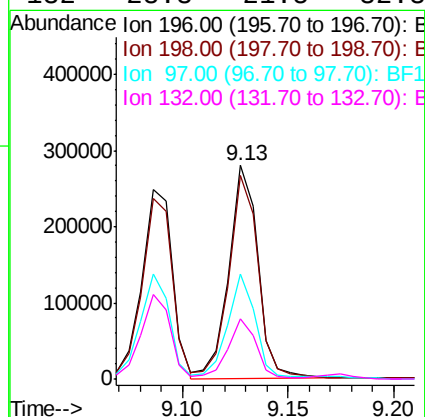
RT: 9.13 min Scan# 1197

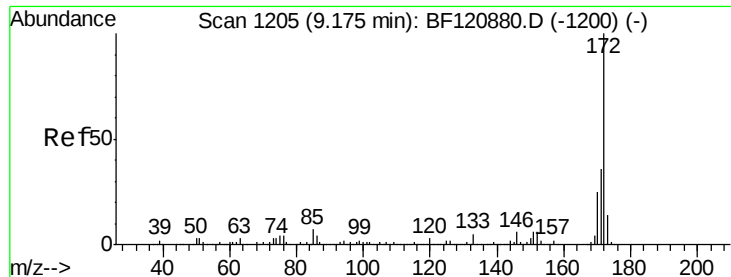
Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	196	Resp:	266374
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.6	116.4
97	49.1	35.6	53.4
132	28.3	21.5	32.3





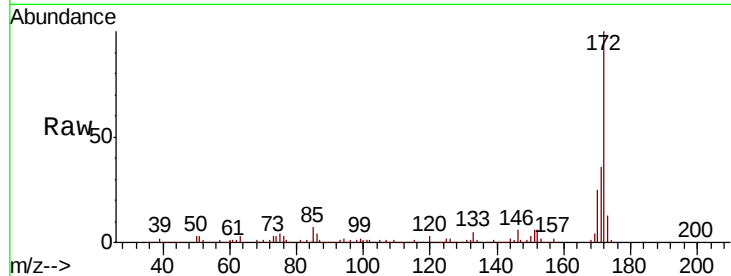
#45
2-Fluorobiphenyl
Concen: 66.476 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM

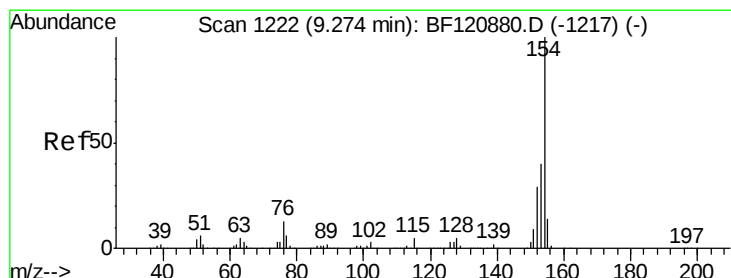
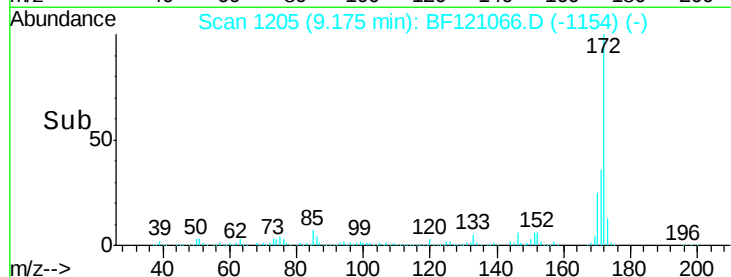
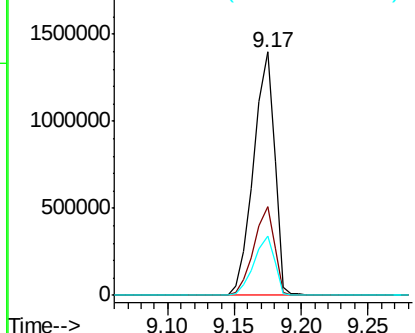


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.044 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

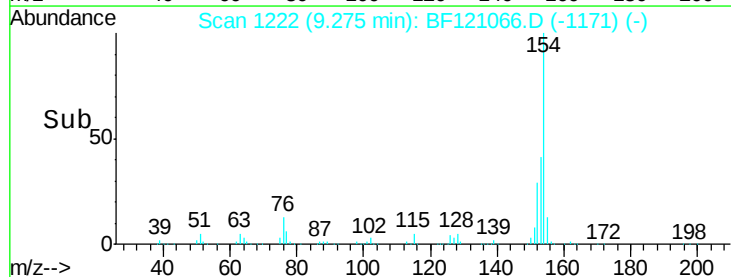
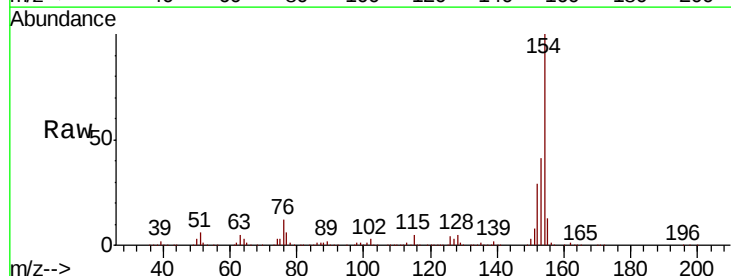
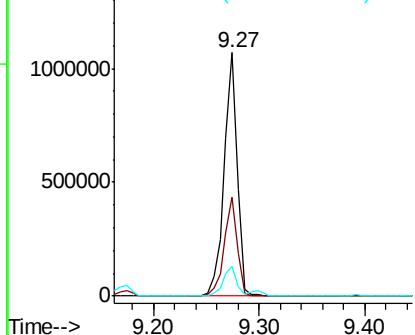
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.5	0.0	33.1

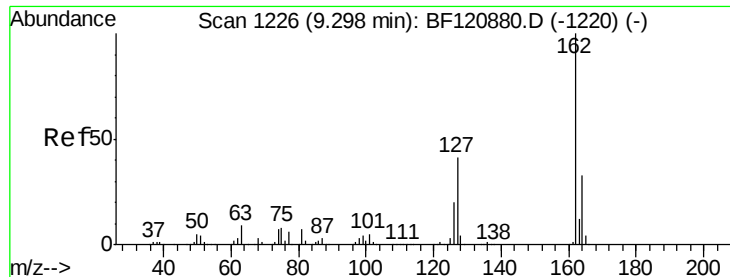
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





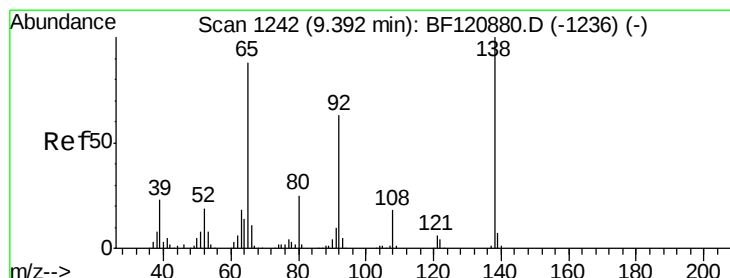
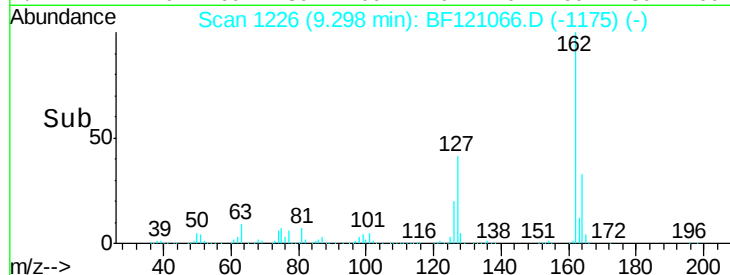
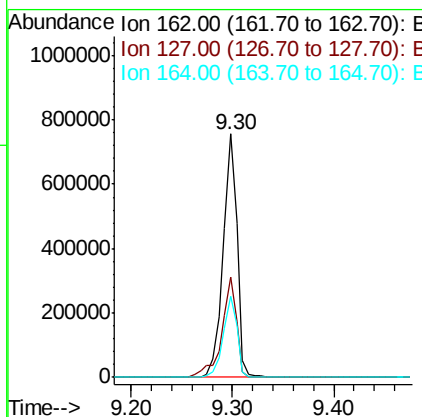
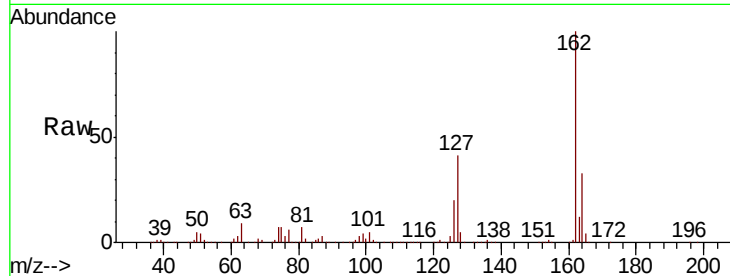
#47
2-Chloronaphthalene
Concen: 34.065 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.3	49.9
164	33.4	26.6	39.8

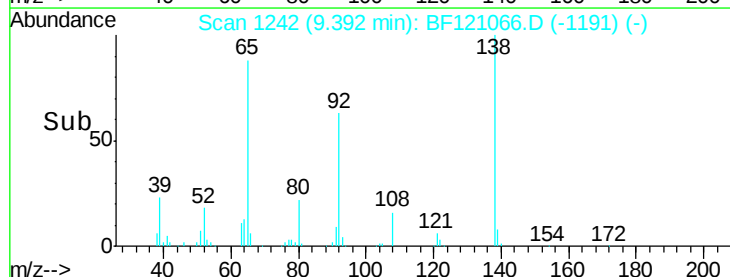
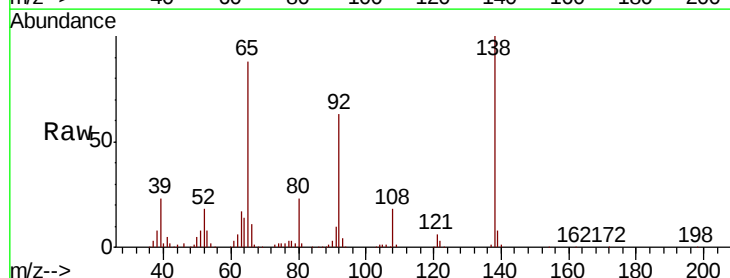
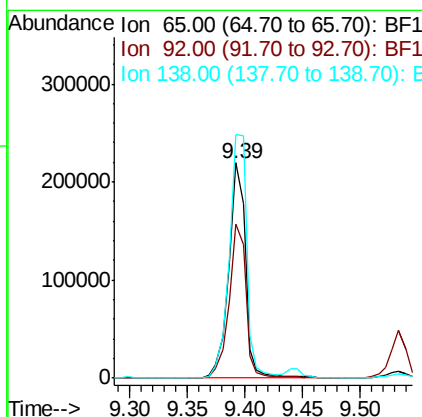
Manual Integrations
APPROVED

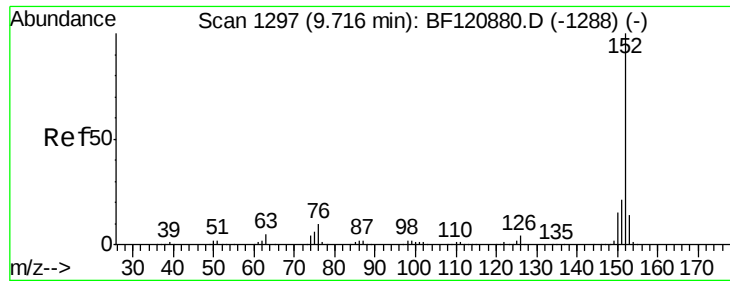
mohammad
7/29/2020 11:47:13 AM



#48
2-Nitroaniline
Concen: 34.999 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.0	85.4
138	113.1	90.4	135.6





#49

Acenaphthylene

Concen: 35.440 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:152 Resp: 1164067

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

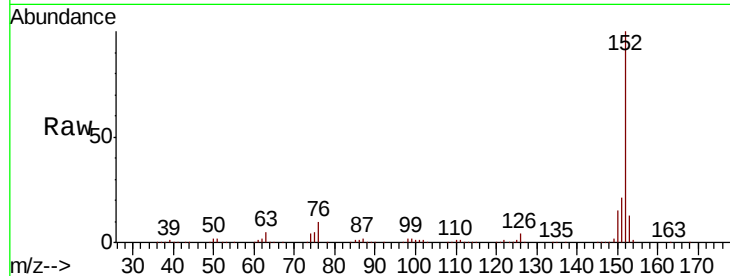
153 13.3 10.9 16.3

Manual Integrations

APPROVED

mohammad

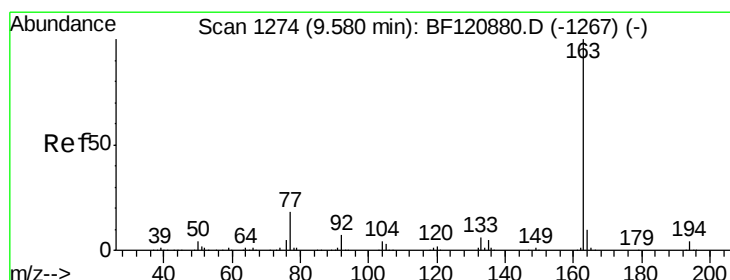
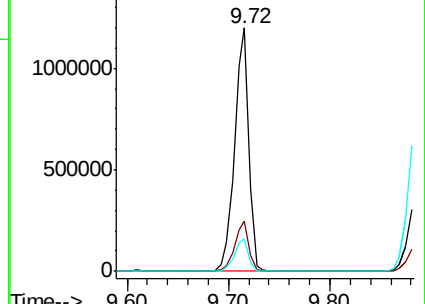
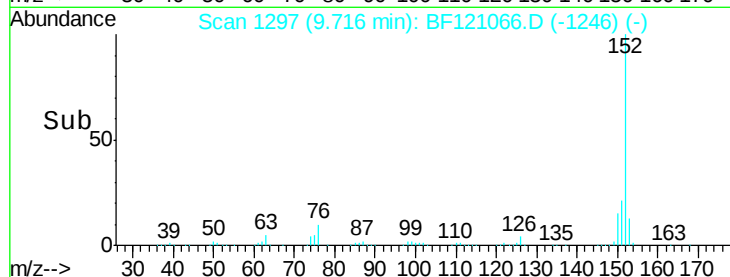
7/29/2020 11:47:13 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.353 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

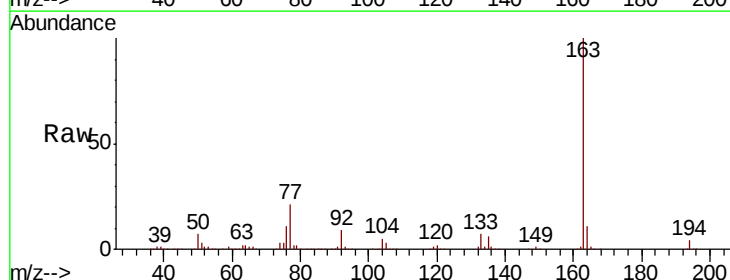
Tgt Ion:163 Resp: 1063304

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

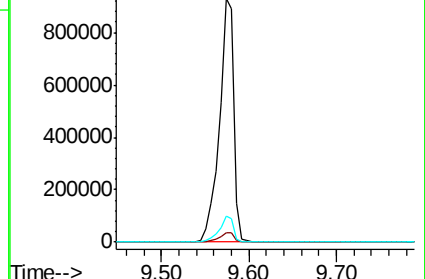
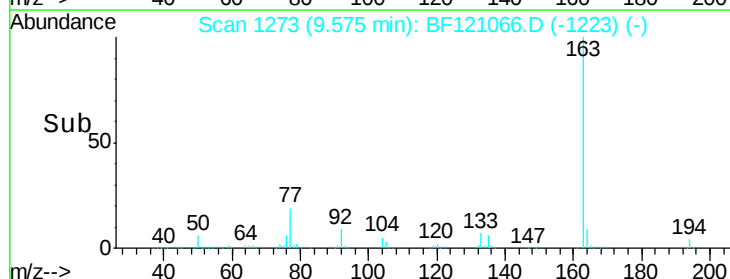
164 10.8 7.9 11.9

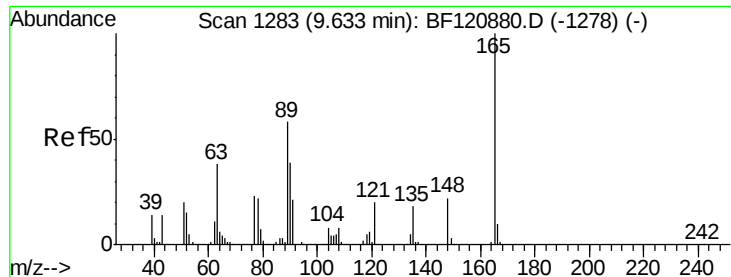


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





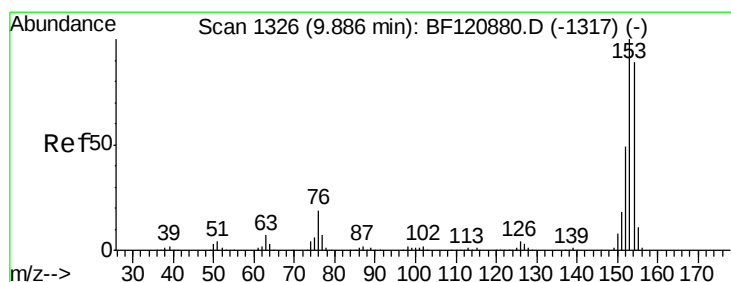
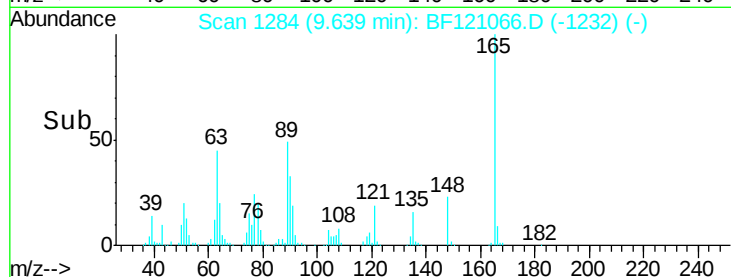
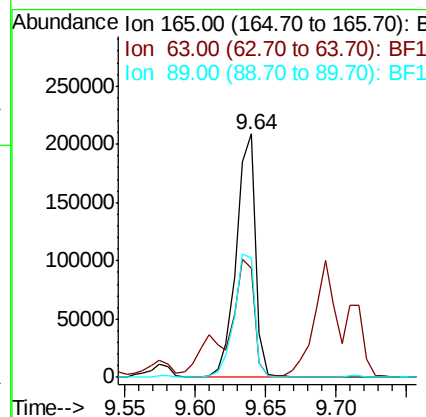
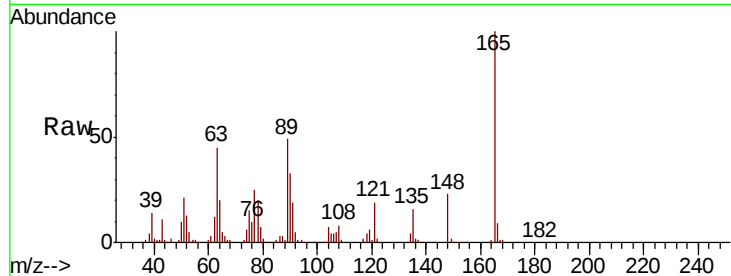
#51
2,6-Dinitrotoluene
Concen: 37.654 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198411		
63	45.0		45.4	68.2#
89	48.9		47.0	70.4

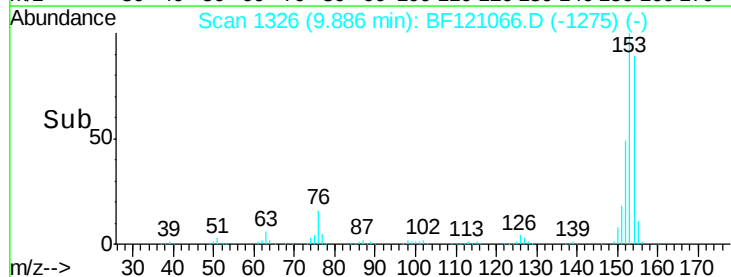
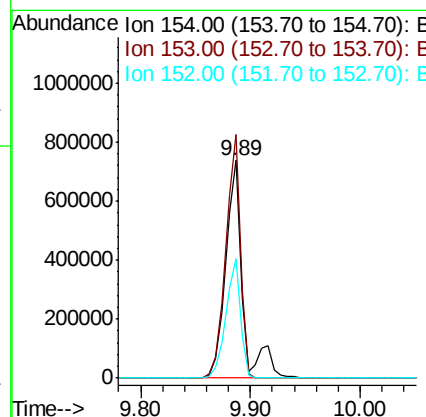
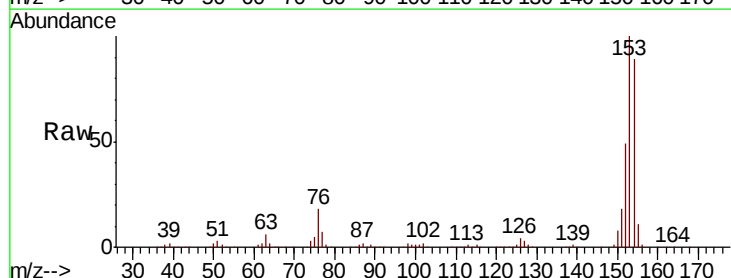
Manual Integrations
APPROVED

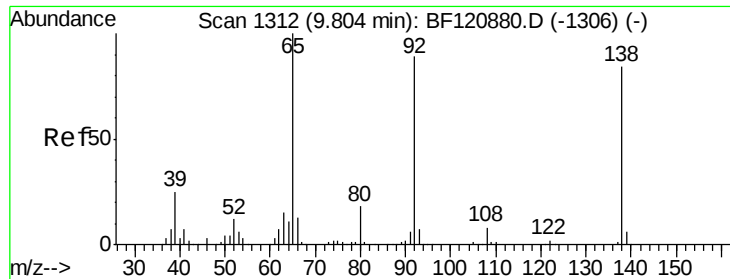
mohammad
7/29/2020 11:47:13 AM



#52
Acenaphthene
Concen: 37.521 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	783542		
153	111.8		89.5	134.3
152	54.9		44.2	66.2





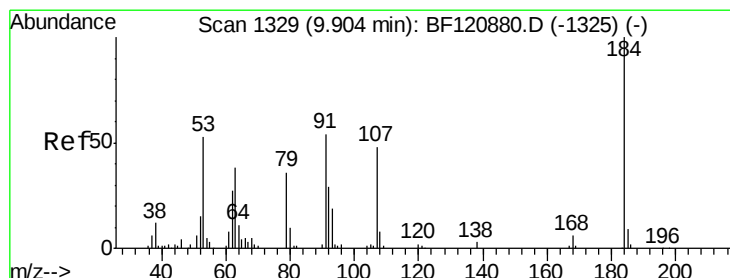
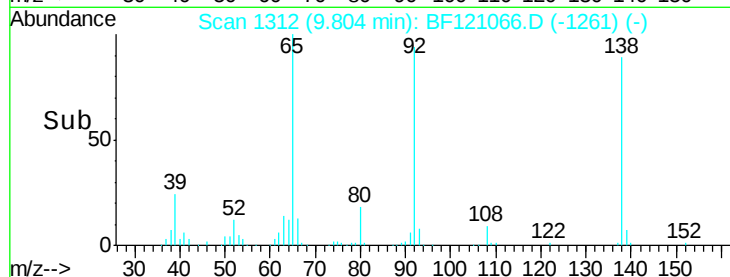
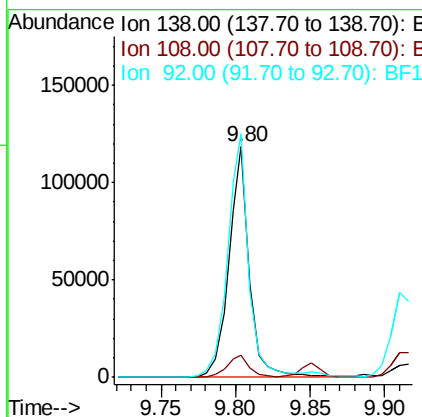
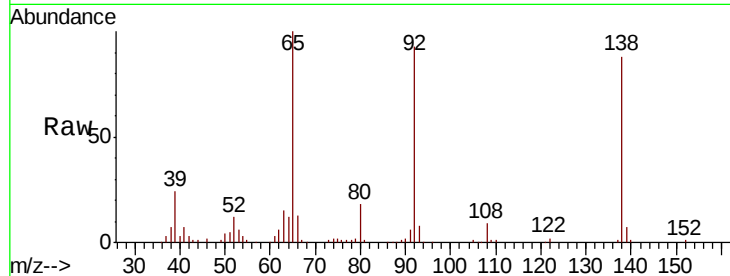
#53
3-Nitroaniline
Concen: 17.391 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	105.6	85.3	127.9

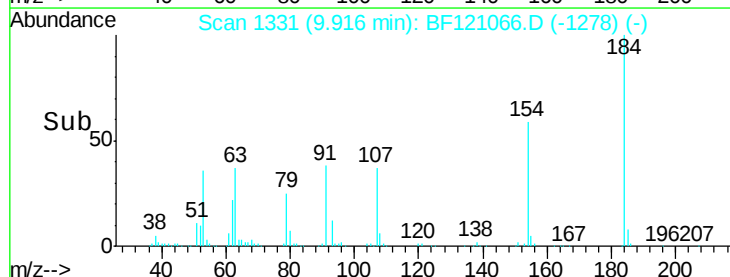
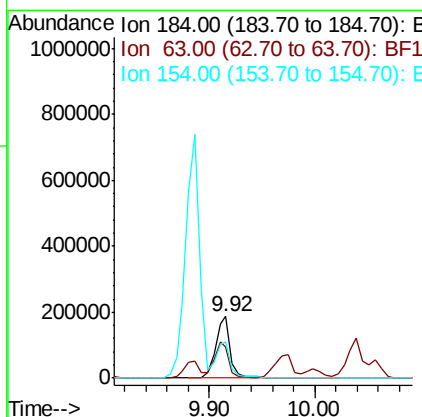
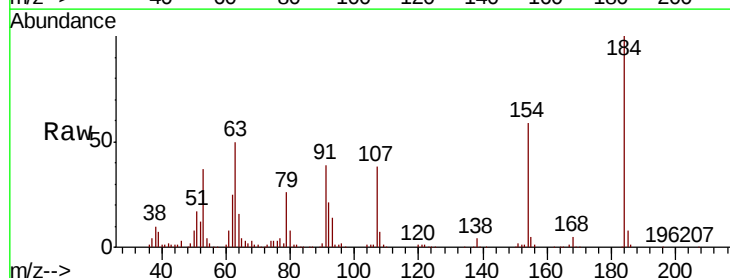
Manual Integrations
APPROVED

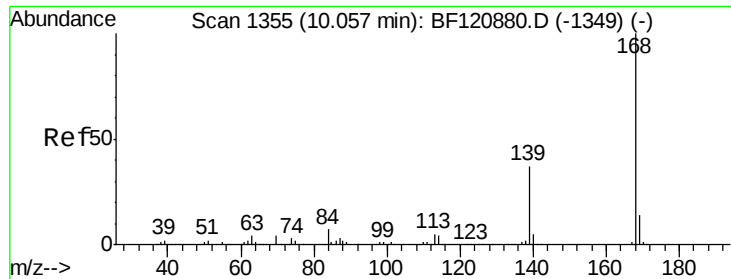
mohammad
7/29/2020 11:47:13 AM



#54
2,4-Dinitrophenol
Concen: 63.430 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	57.9	86.9#
154	59.3	52.6	78.8





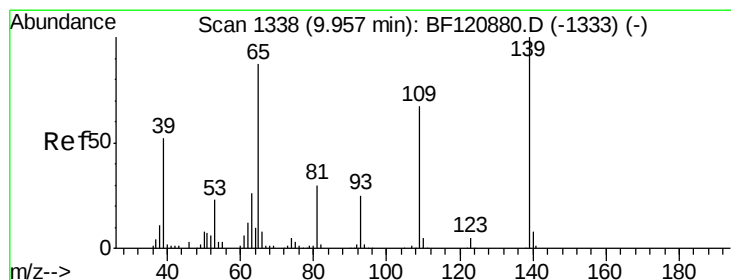
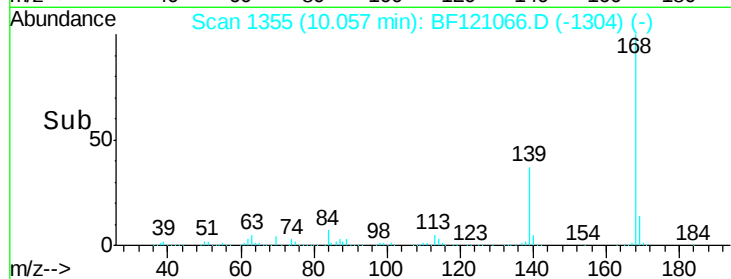
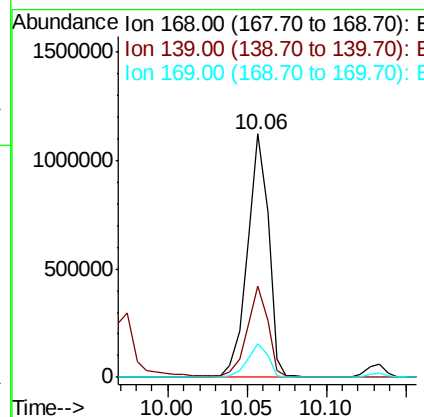
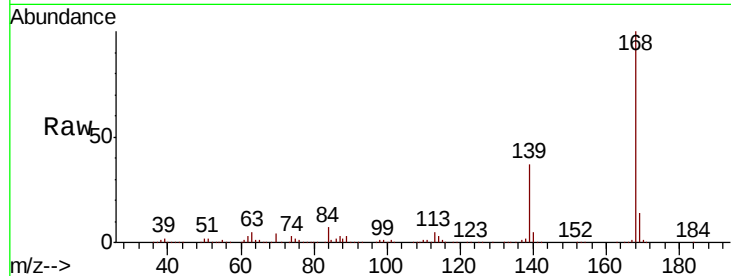
#55
Dibenzenofuran
Concen: 34.296 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	13.9	11.1	16.7

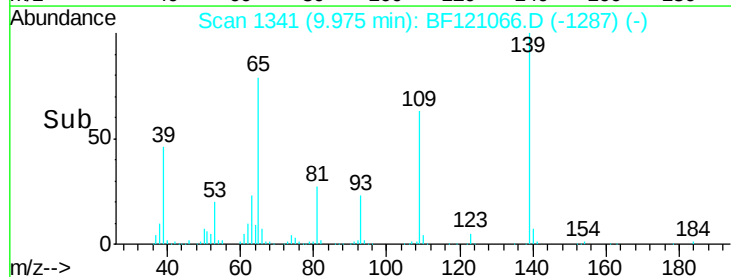
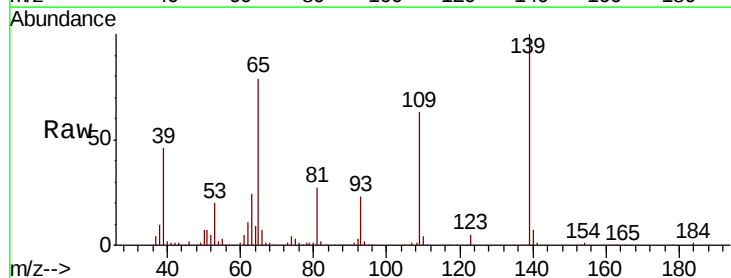
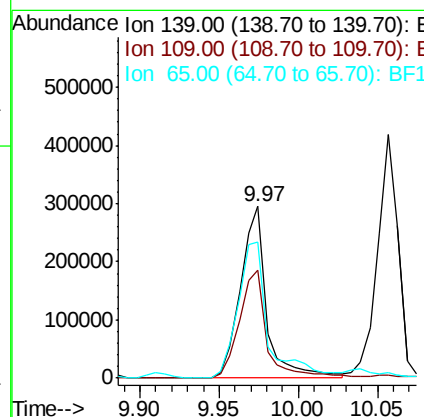
Manual Integrations
APPROVED

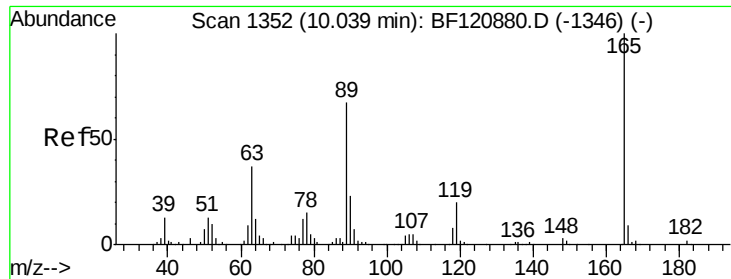
mohammad
7/29/2020 11:47:13 AM



#56
4-Nitrophenol
Concen: 67.456 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	47.3	87.3
65	79.4	67.2	107.2





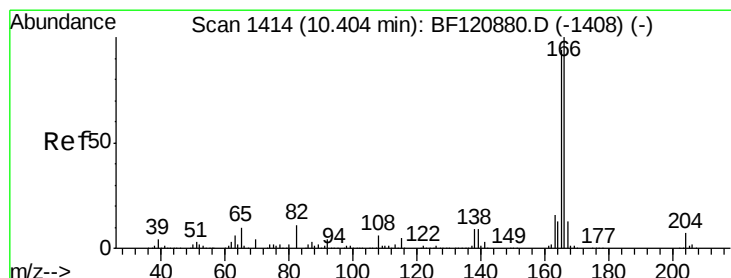
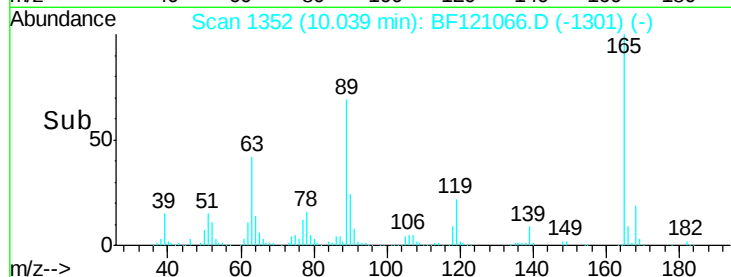
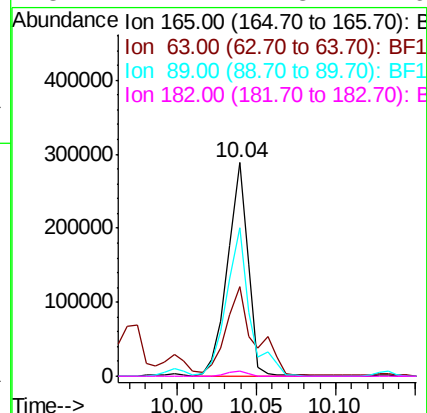
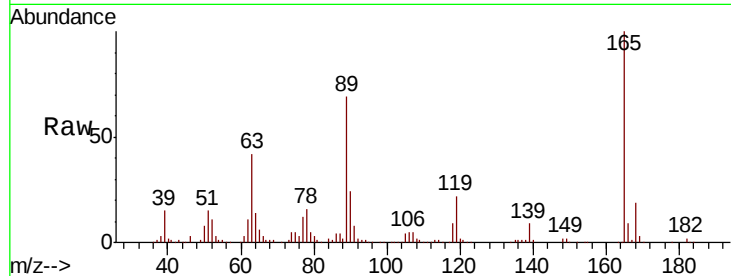
#57
2,4-Dinitrotoluene
Concen: 37.308 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		258160		
63	42.0	29.4	44.2		
89	69.5	53.4	80.0		
182	2.4	1.8	2.6		

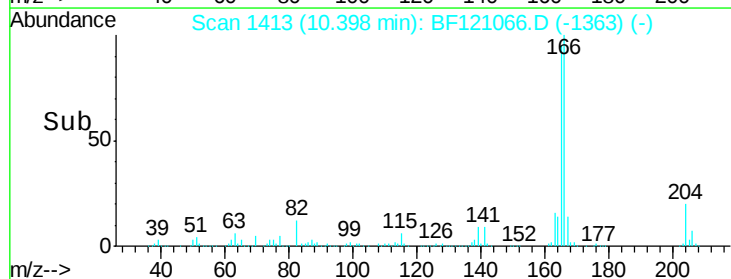
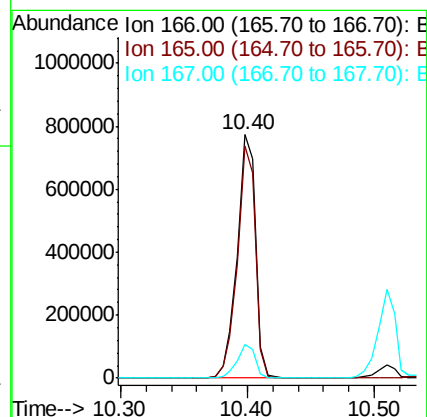
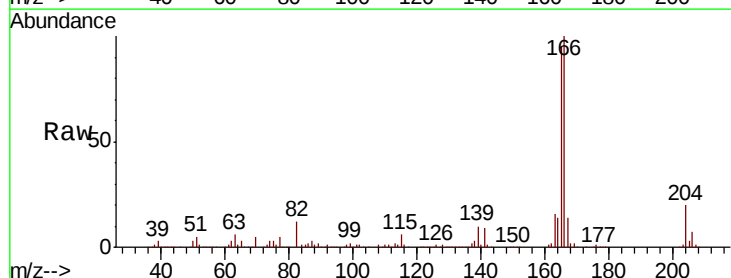
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#58
Fluorene
Concen: 33.981 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		765335		
165	95.1	75.4	113.0		
167	13.9	10.6	15.8		





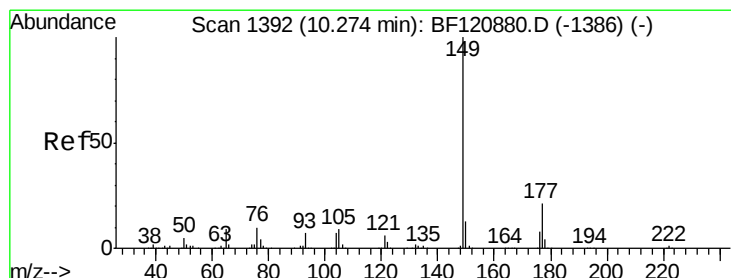
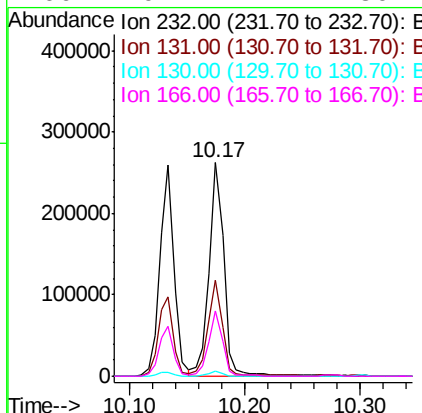
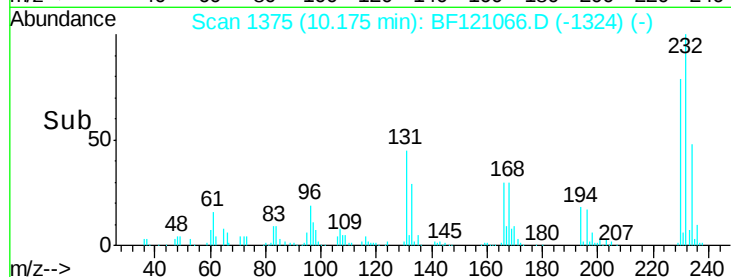
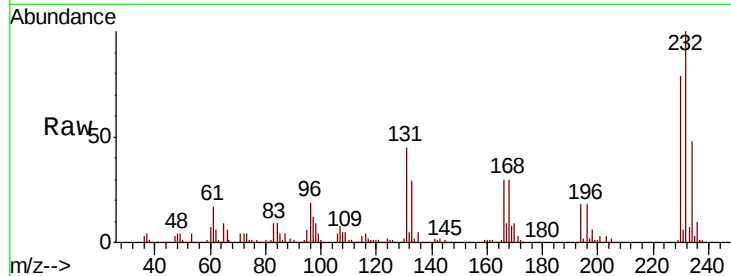
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.877 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	37.1	55.7
130	2.1	1.7	2.5
166	29.1	24.2	36.4

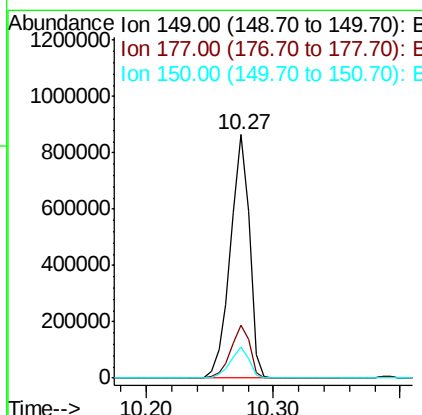
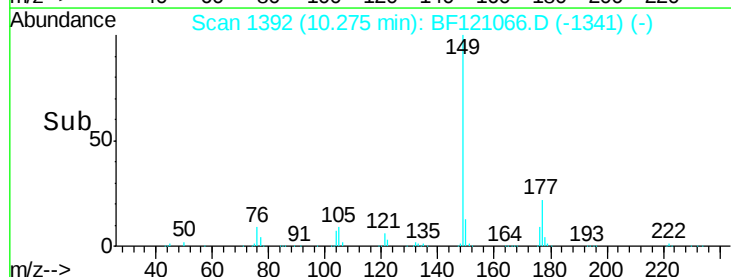
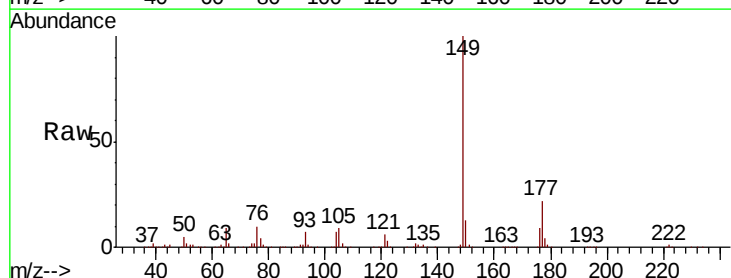
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#60
Diethylphthalate
Concen: 35.969 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.7	10.3	15.5





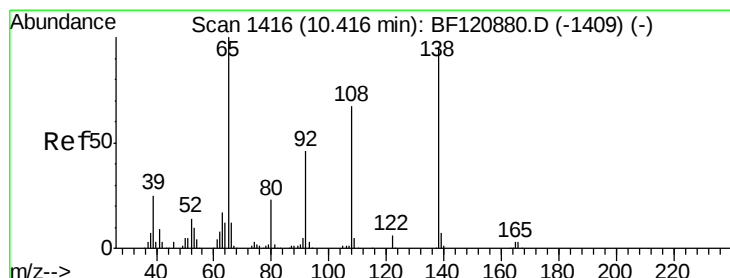
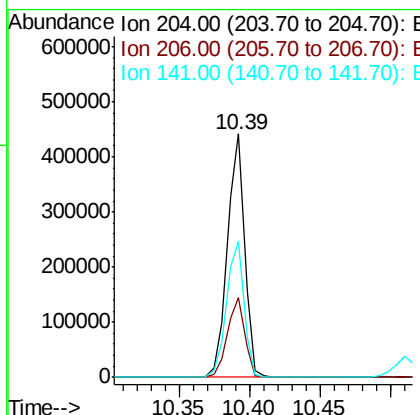
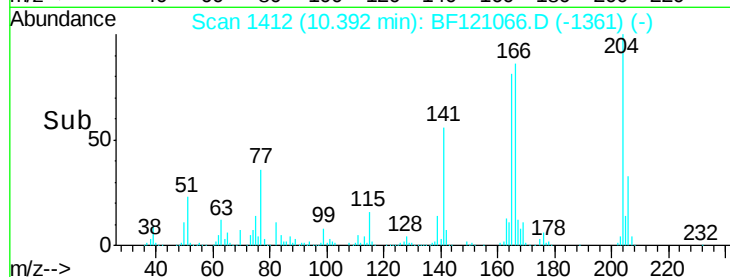
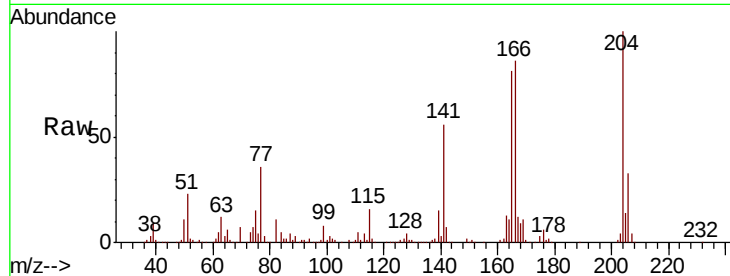
#61
4-Chlorophenyl-phenylether
Concen: 31.204 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	56.0	47.2	70.8

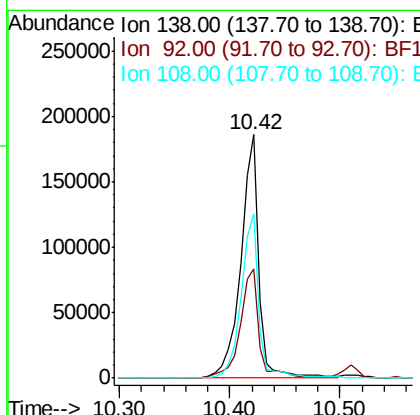
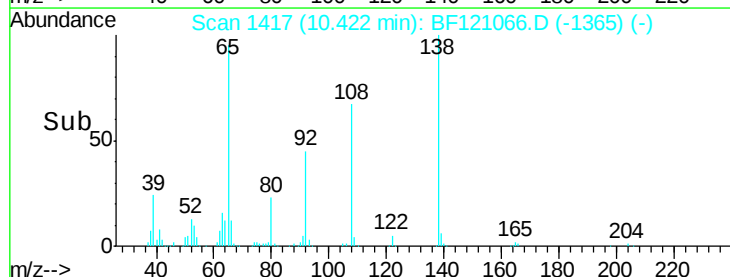
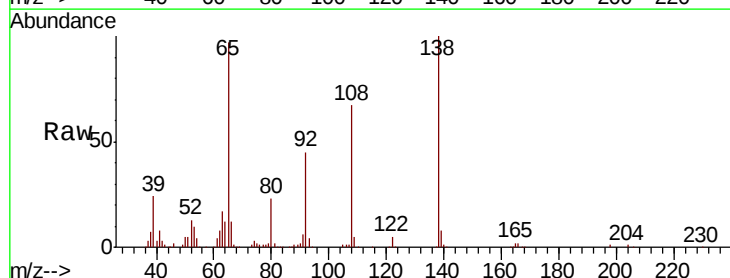
Manual Integrations
APPROVED

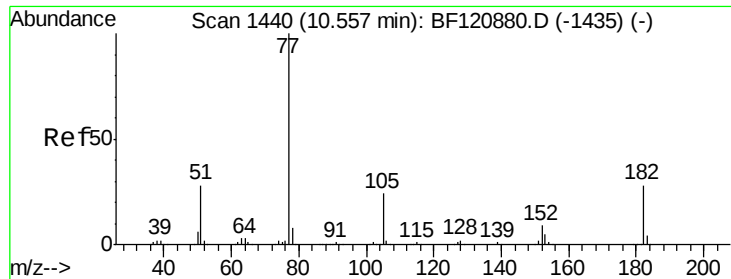
mohammad
7/29/2020 11:47:13 AM



#62
4-Nitroaniline
Concen: 33.308 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	28.6	68.6
108	67.5	51.1	91.1





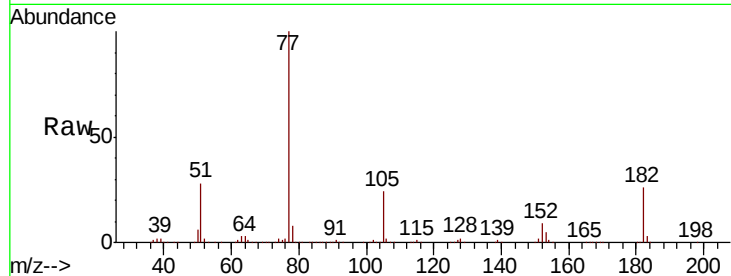
#63
Azobenzene
Concen: 34.498 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

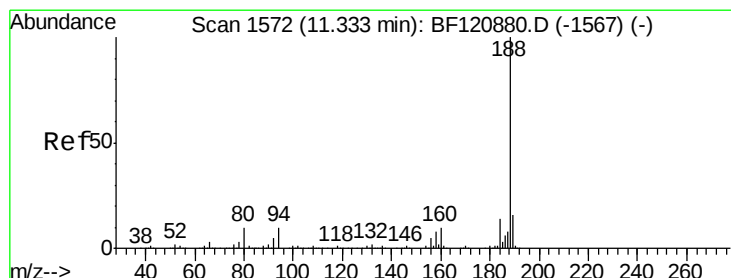
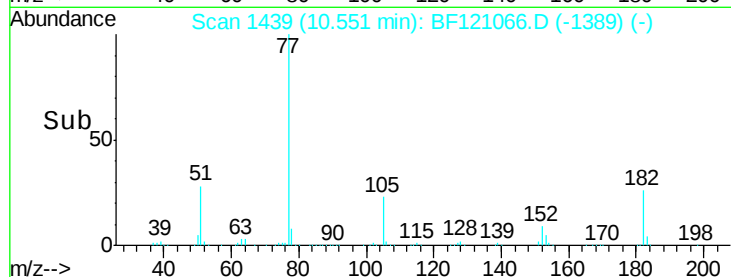
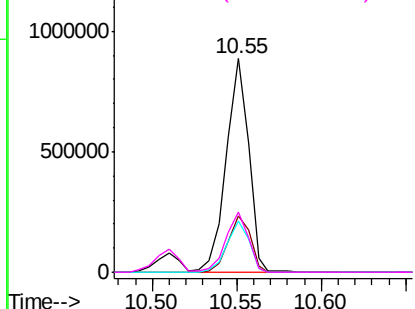
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	7.8	47.8	
105	23.9	4.4	44.4	
51	28.4	8.0	48.0	

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



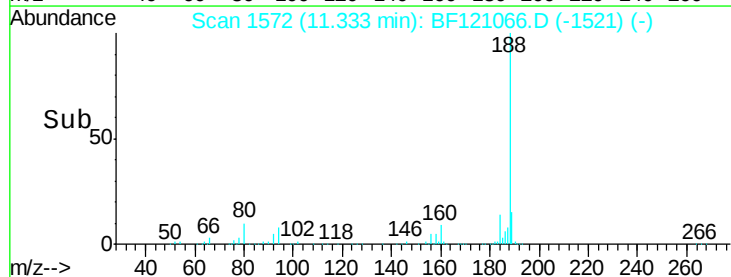
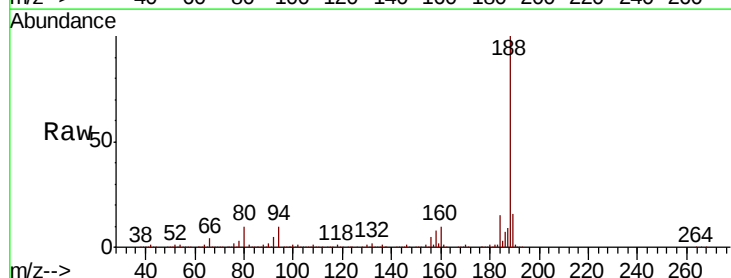
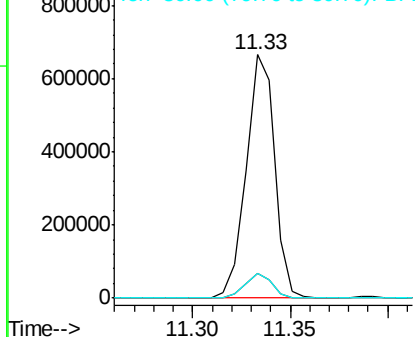
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	8.0	12.0	
80	10.2	8.3	12.5	

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





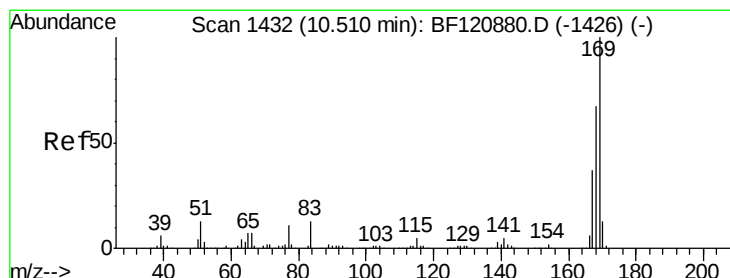
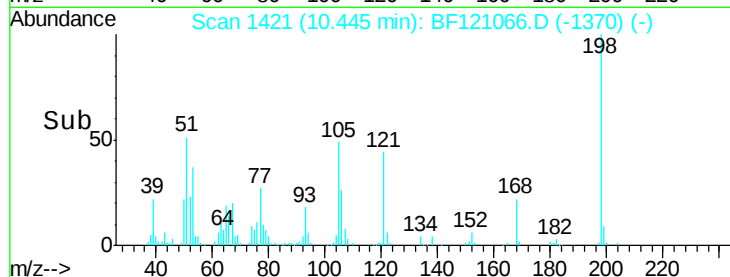
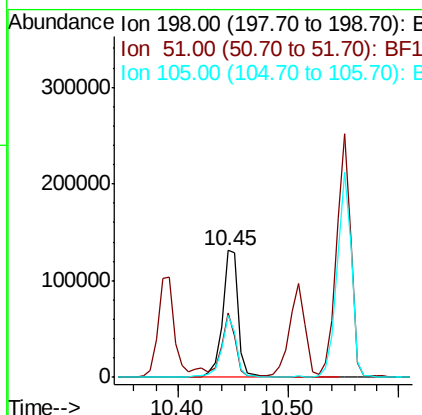
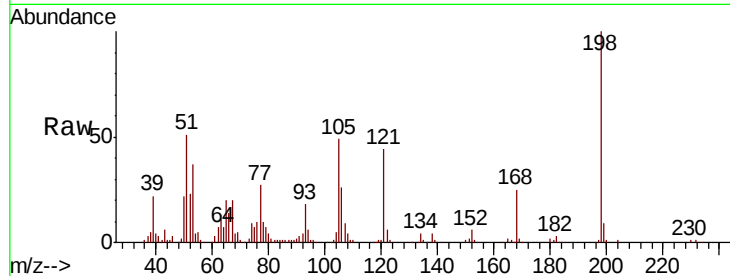
#65
4,6-Dinitro-2-methylphenol
Concen: 35.070 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.0	19.5	59.5
105	49.2	24.4	64.4

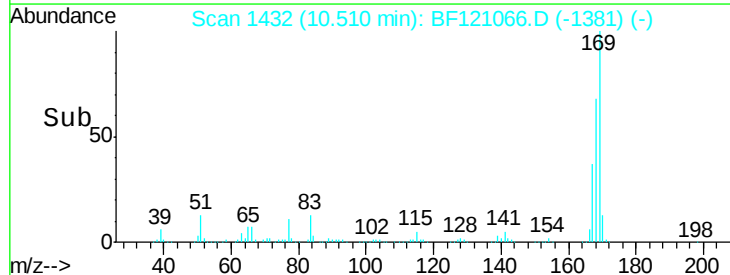
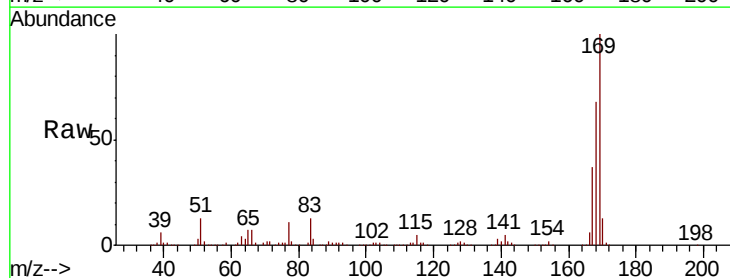
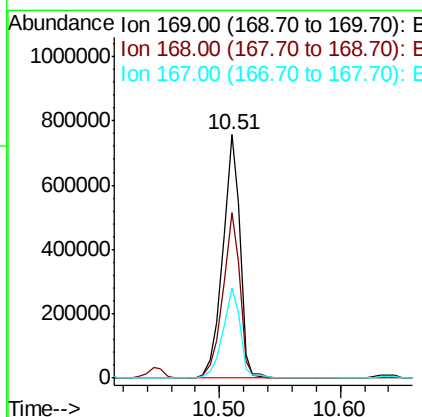
Manual Integrations
APPROVED

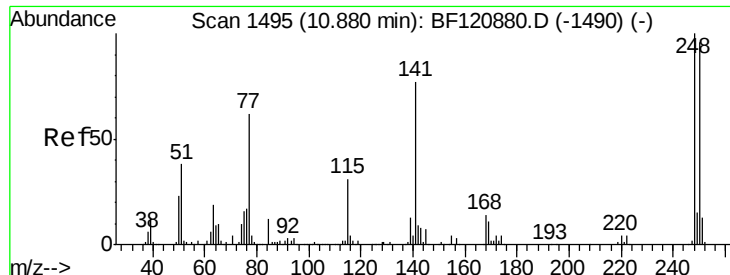
mohammad
7/29/2020 11:47:13 AM



#66
n-Nitrosodiphenylamine
Concen: 35.019 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.4	80.0
167	37.0	29.4	44.0





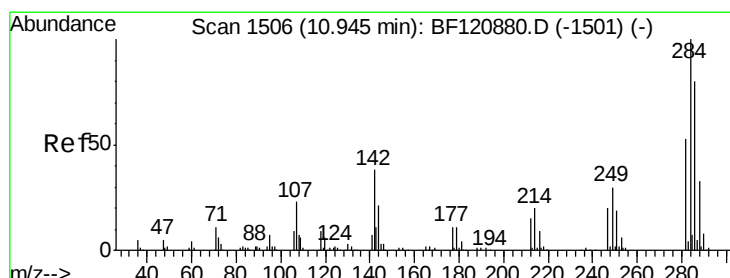
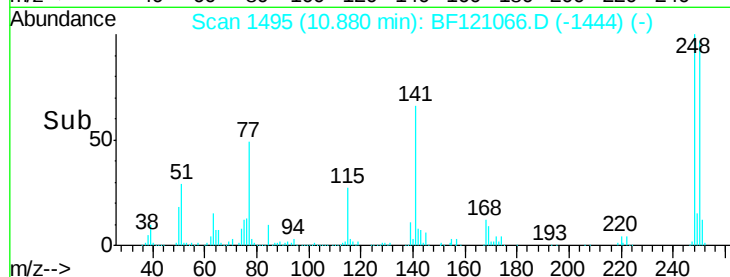
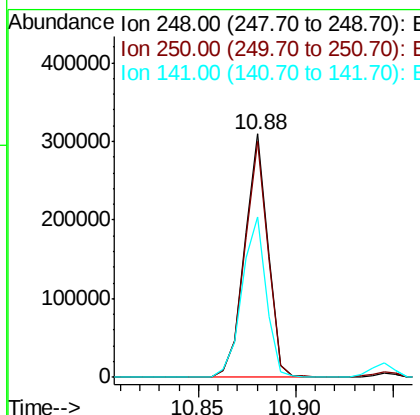
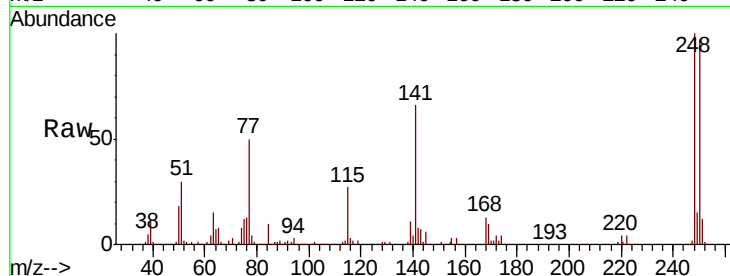
#67
4-Bromophenyl-phenylether
Concen: 34.215 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.1	115.7
141	65.8	61.2	91.8

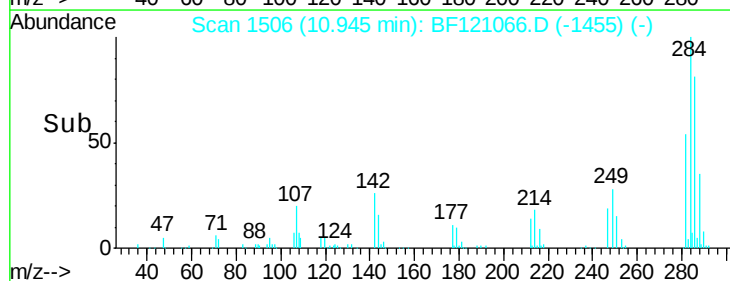
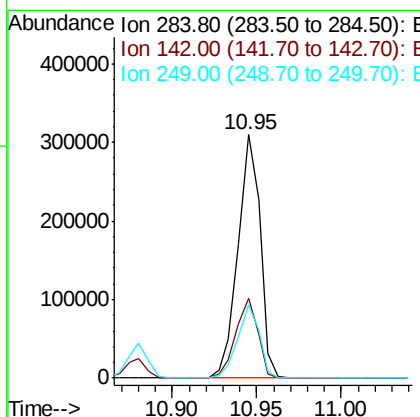
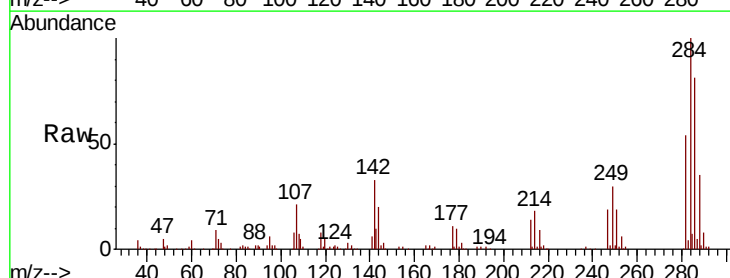
Manual Integrations
APPROVED

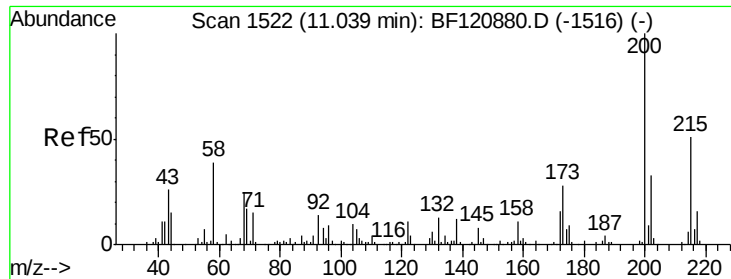
mohammad
7/29/2020 11:47:13 AM



#68
Hexachlorobenzene
Concen: 35.008 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	30.2	45.2
249	30.1	24.2	36.2





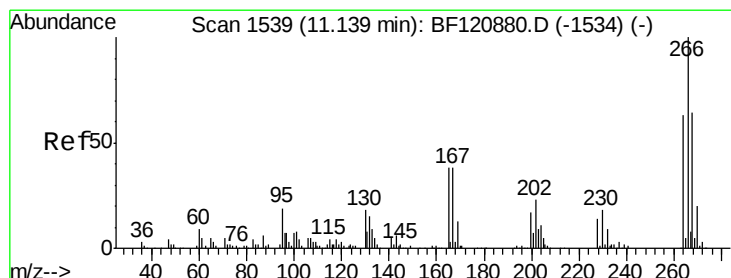
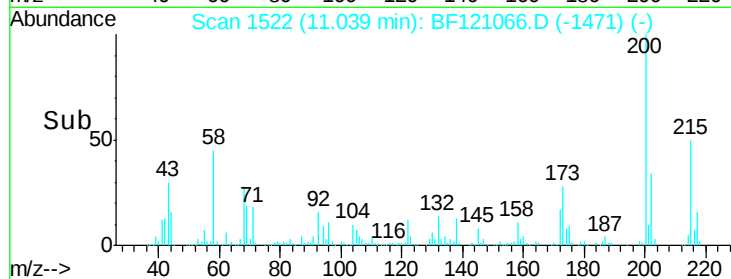
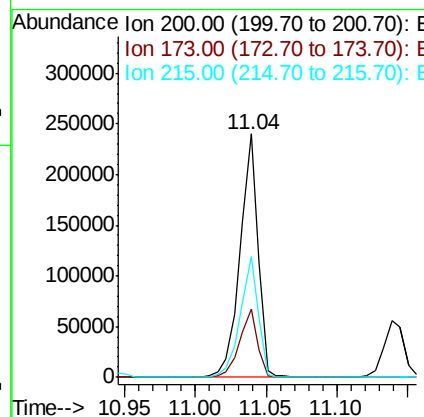
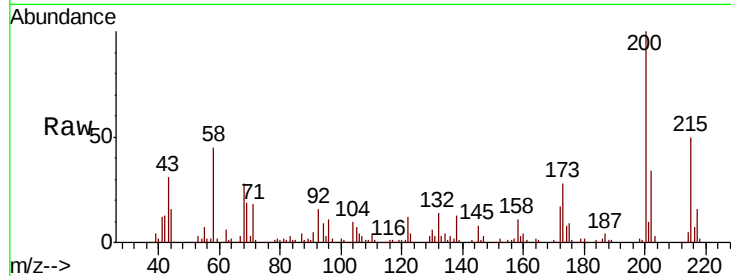
#69
 Atrazine
 Concen: 40.847 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	213585		
173	28.1	8.0	48.0	
215	49.5	31.5	71.5	

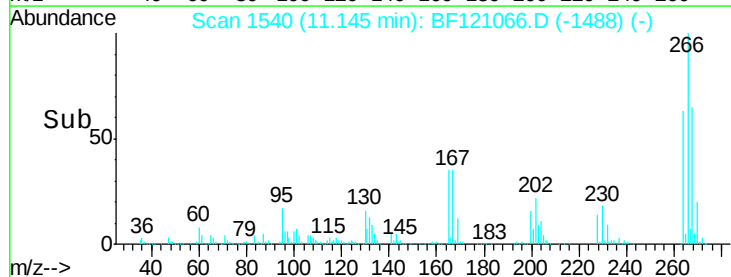
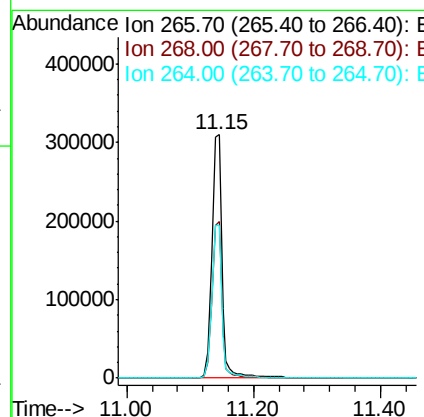
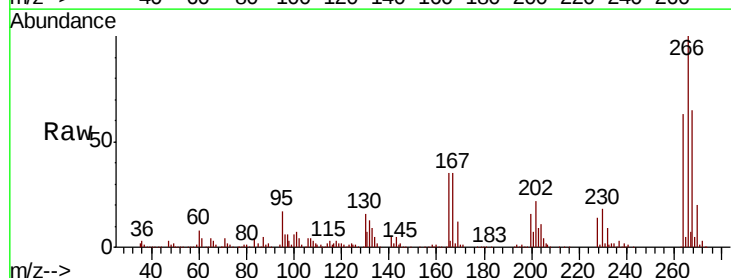
Manual Integrations
 APPROVED

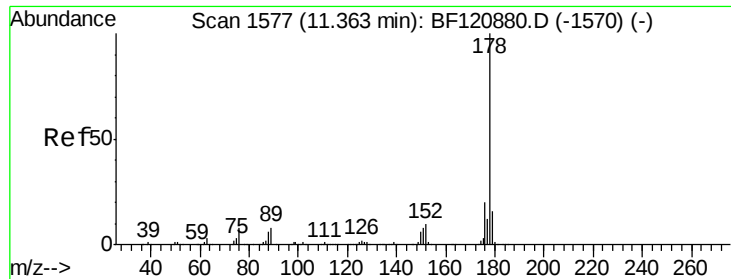
mohammad
 7/29/2020 11:47:13 AM



#70
 Pentachlorophenol
 Concen: 74.828 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	347002		
268	64.5	51.1	76.7	
264	62.7	50.2	75.2	





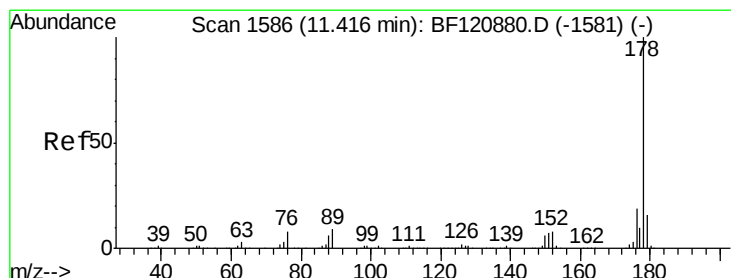
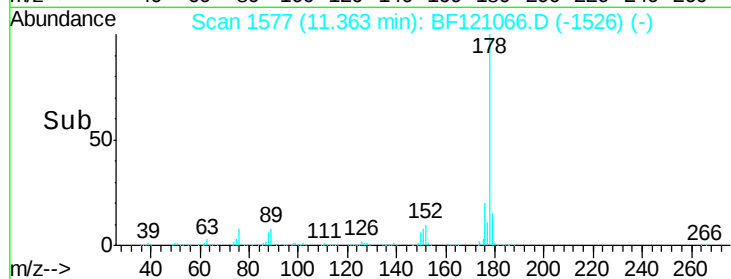
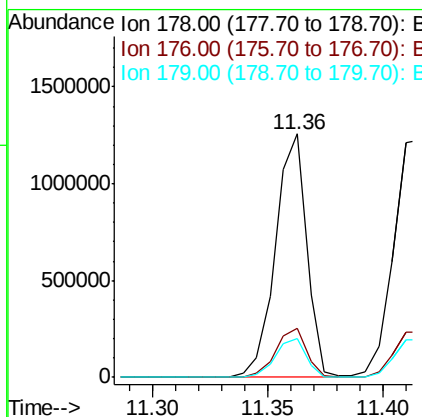
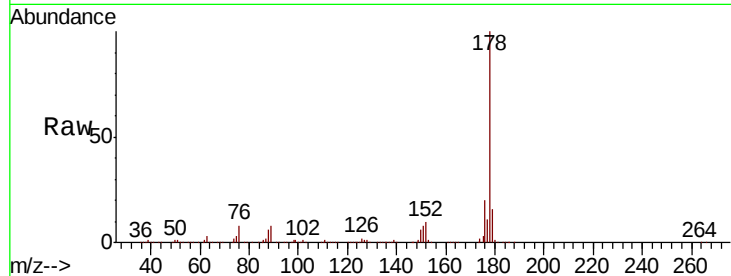
#71
Phenanthrene
Concen: 34.068 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:178 Resp: 1175964
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.7 12.8 19.2

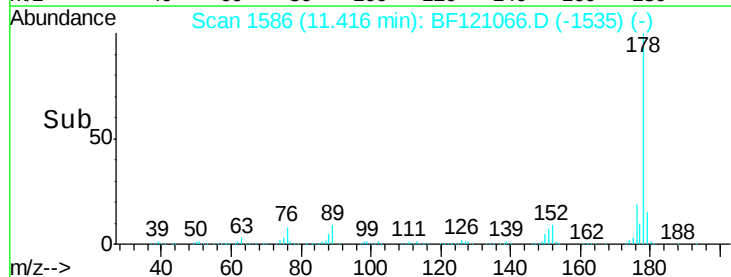
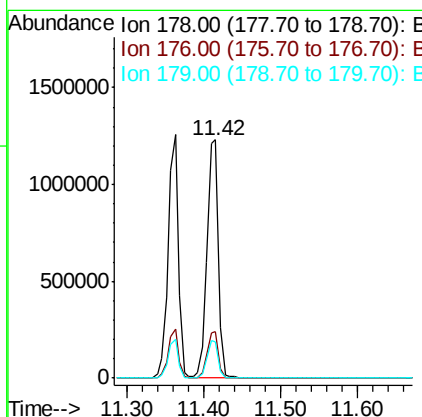
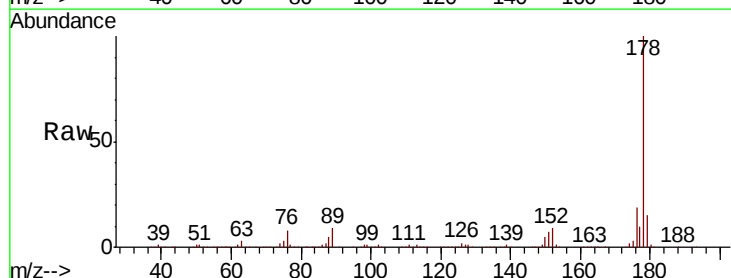
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#72
Anthracene
Concen: 36.206 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:178 Resp: 1254947
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.8 19.2





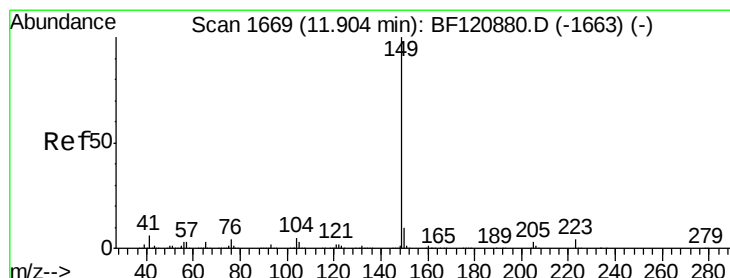
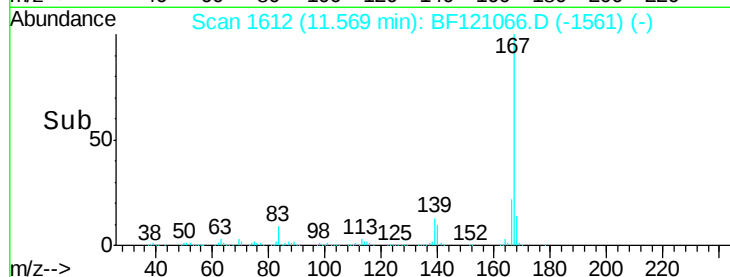
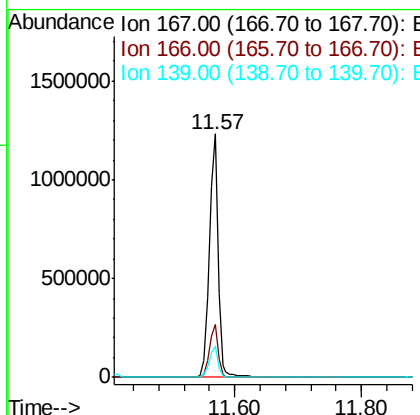
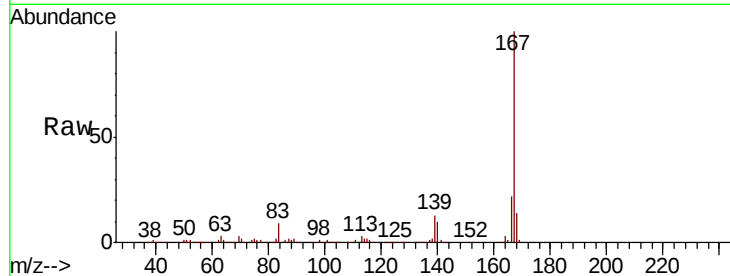
#73
 Carbazole
 Concen: 34.195 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:167 Resp: 1176238
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.6 10.1 15.1

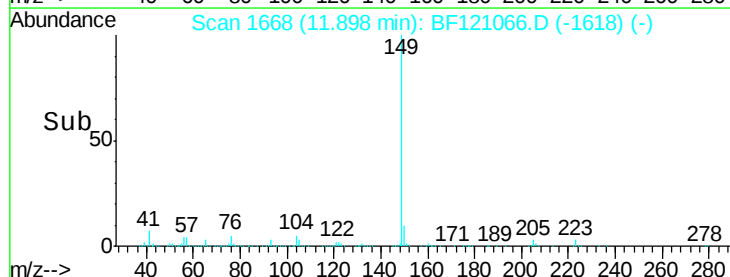
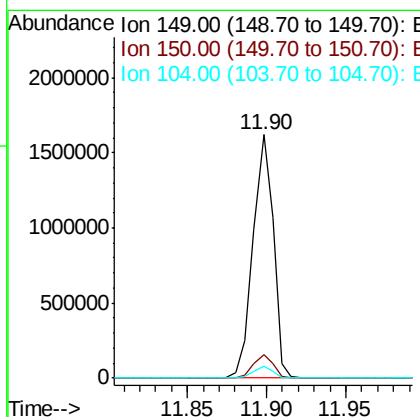
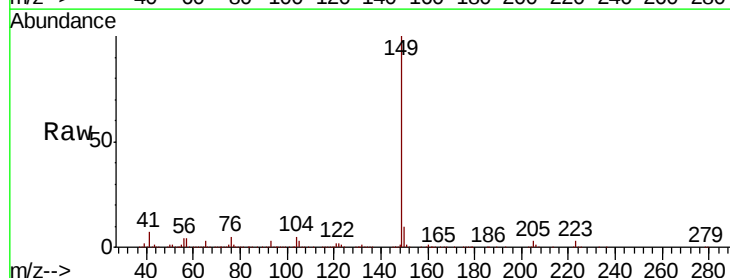
Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM



#74
 Di-n-butylphthalate
 Concen: 36.344 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:149 Resp: 1442690
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.9 3.8 5.6





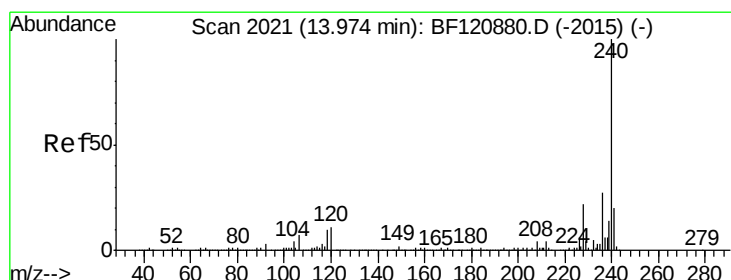
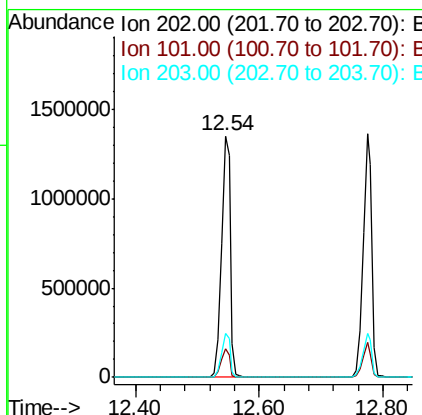
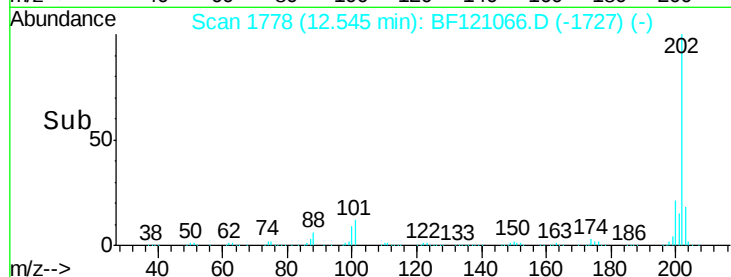
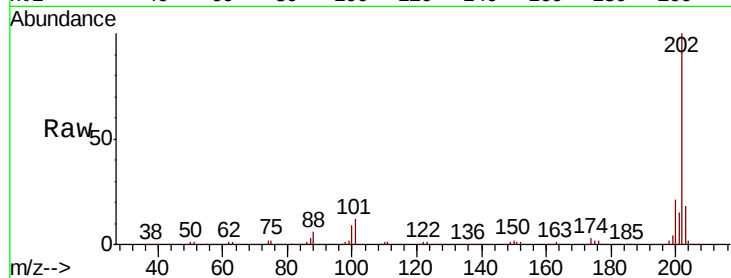
#75
Fluoranthene
Concen: 35.408 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.7
203	18.3	0.0	38.0

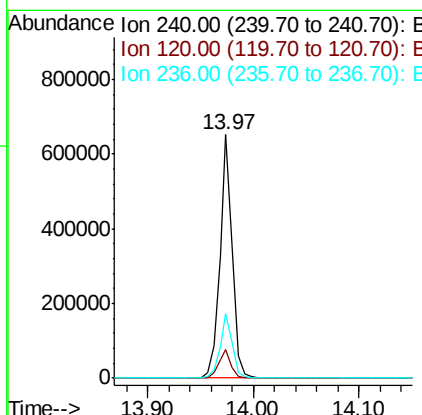
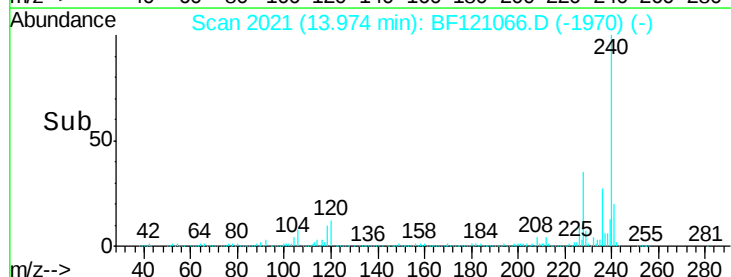
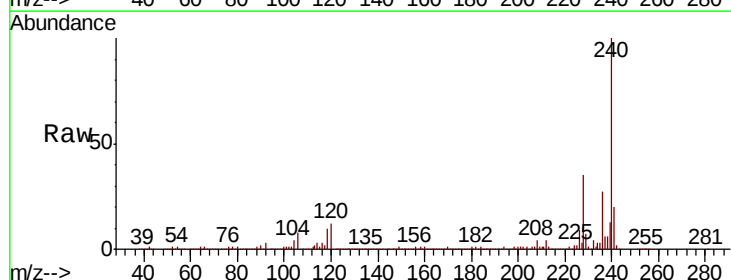
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 43.864 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

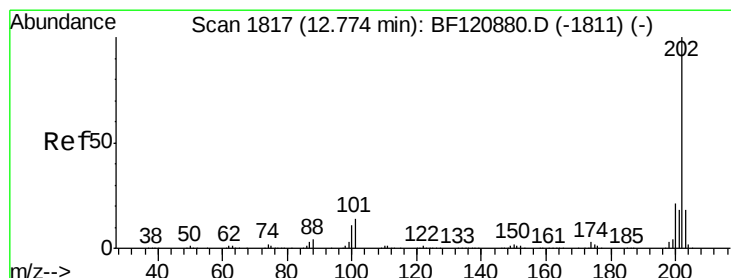
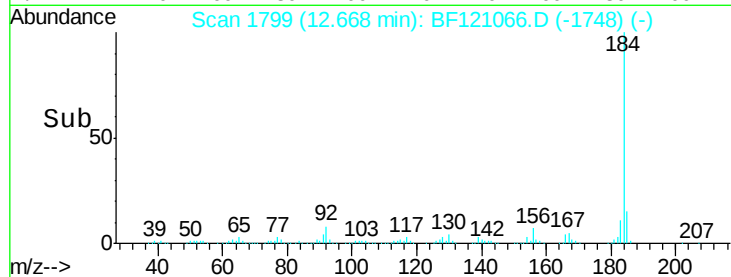
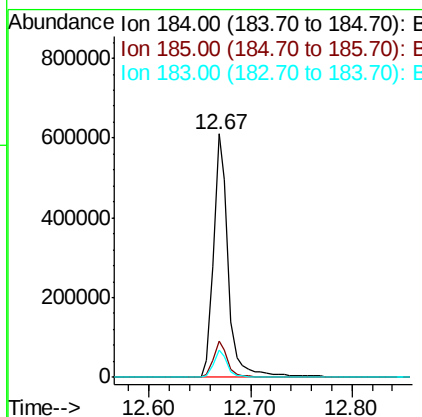
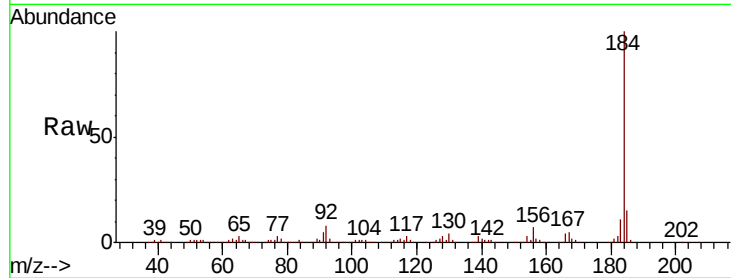
ClientSampleId :

SP-1MS

Tot Ion:	184	Resp:	622161
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.0	8.5	12.7

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#78

Pyrene

Concen: 36.080 ng

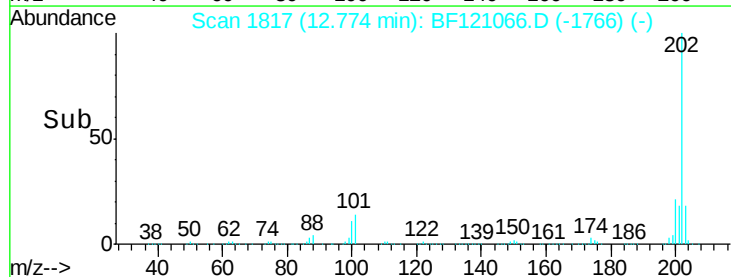
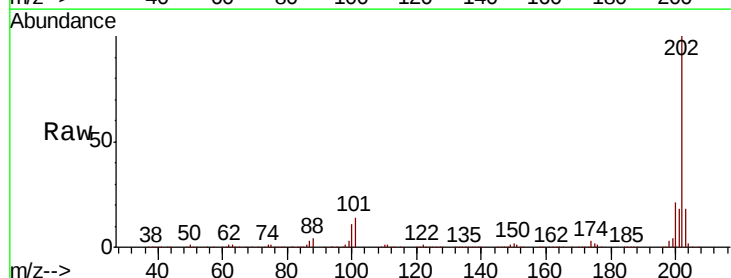
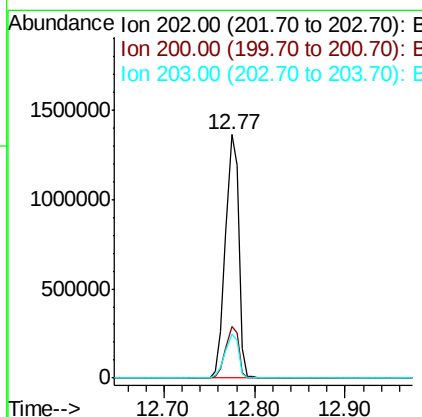
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	202	Resp:	1376143
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	18.3	14.4	21.6





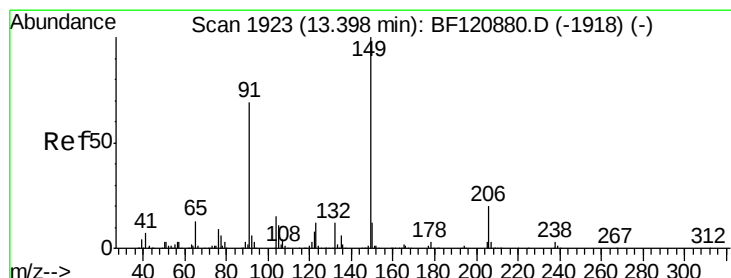
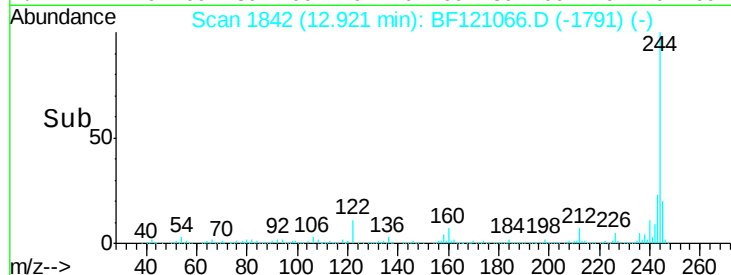
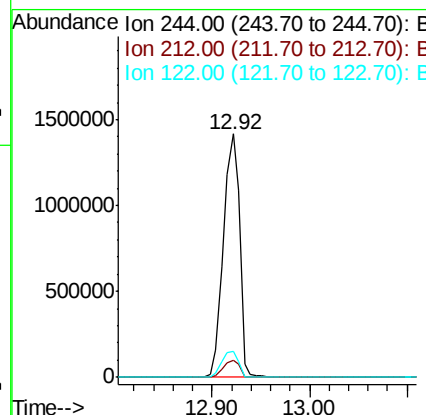
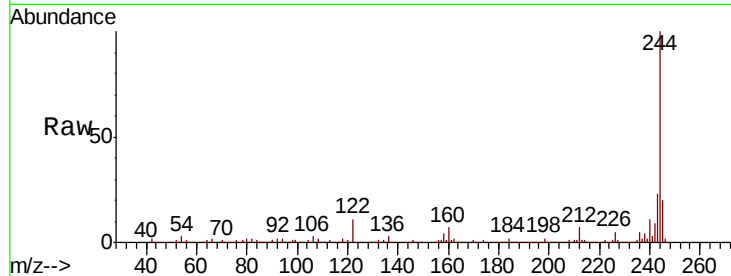
#79
 Terphenyl-d14
 Concen: 66.144 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:244 Resp: 1641535
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.7 8.9 13.3

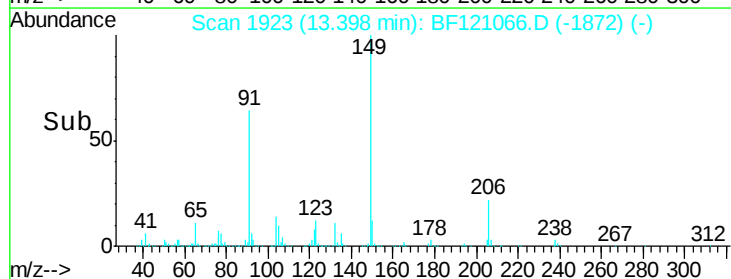
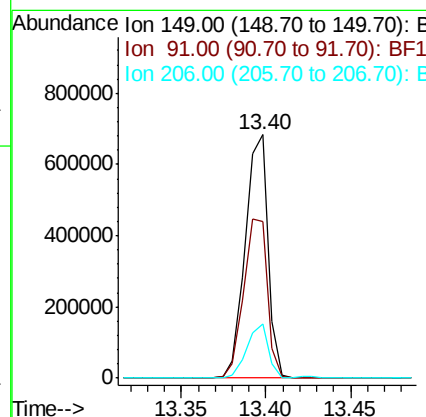
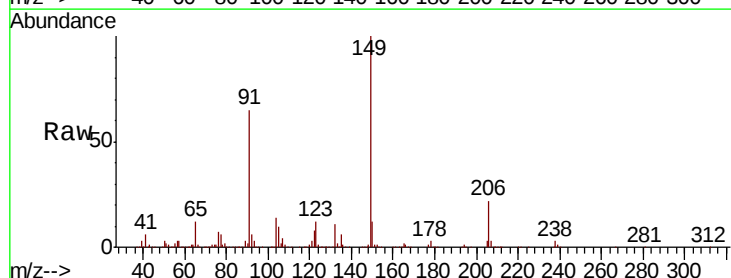
Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:13 AM



#80
 Butylbenzylphthalate
 Concen: 37.875 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:149 Resp: 643989
 Ion Ratio Lower Upper
 149 100
 91 64.6 55.1 82.7
 206 22.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 34.045 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

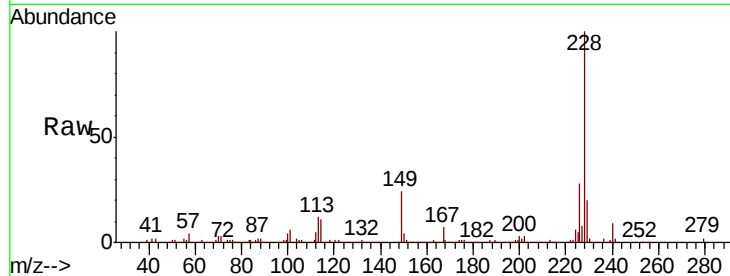
ClientSampleId :

SP-1MS

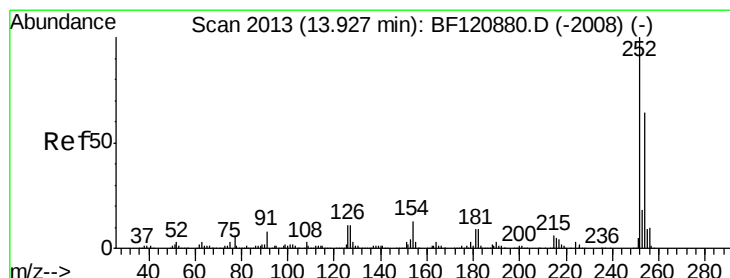
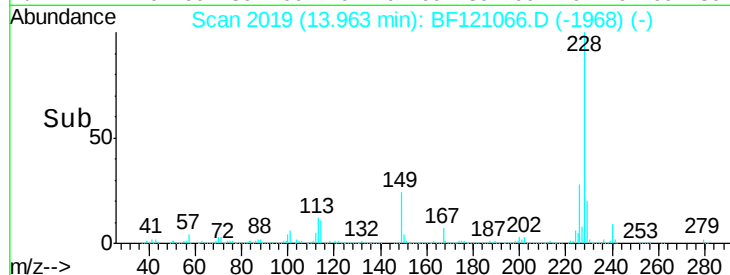
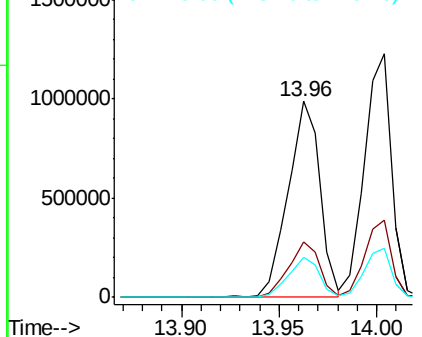
Tot Ion:	228	Resp:	1112192
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.4	16.1	24.1

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.134 ng

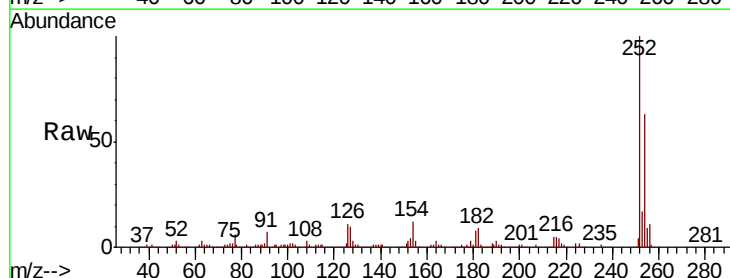
RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

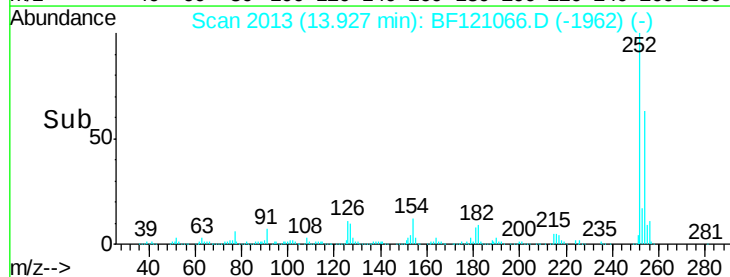
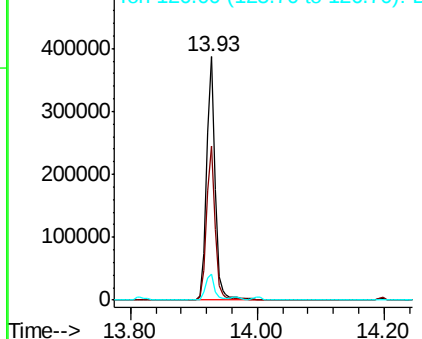
Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:	252	Resp:	359072
Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.2	76.8
126	10.8	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





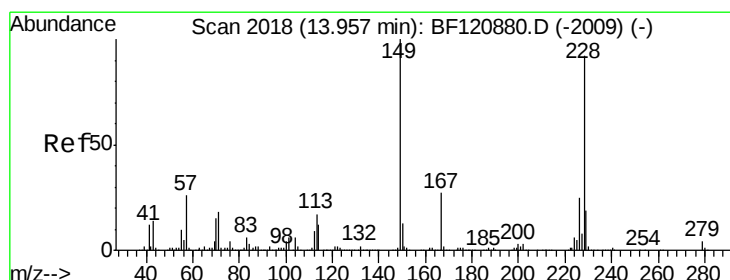
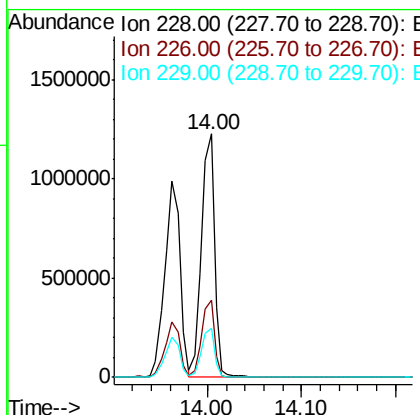
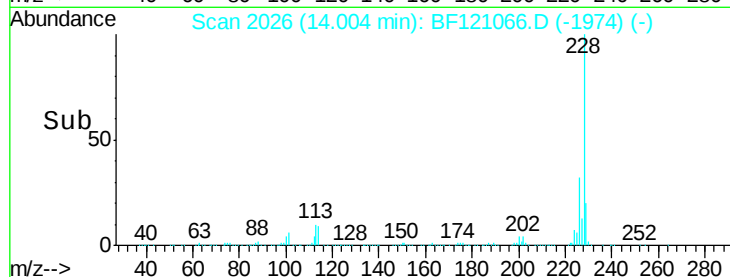
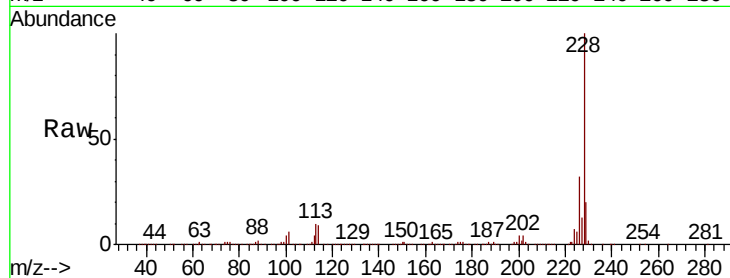
#83
Chrysene
Concen: 34.921 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:228 Resp: 1198853
Ion Ratio Lower Upper
228 100
226 31.7 25.6 38.4
229 20.0 16.8 25.2

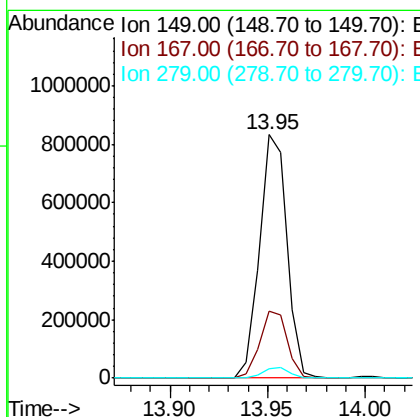
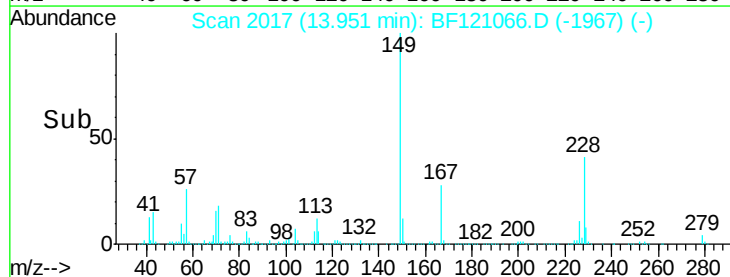
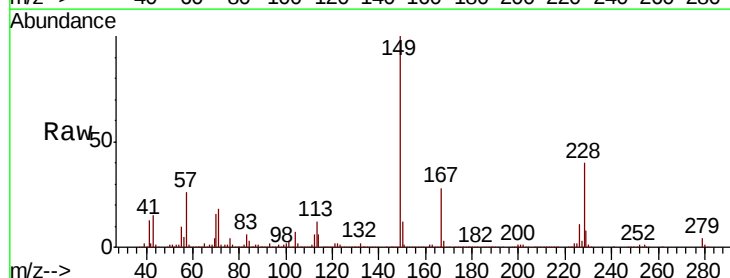
Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.639 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:149 Resp: 810132
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 3.6 3.0 4.4





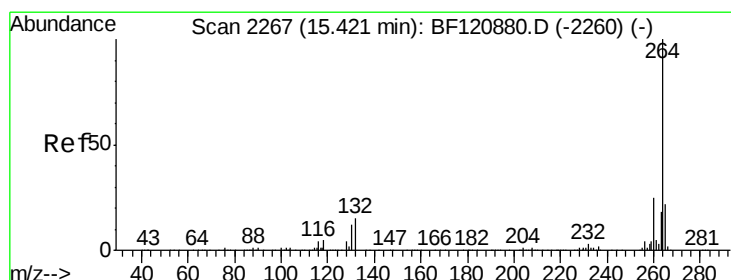
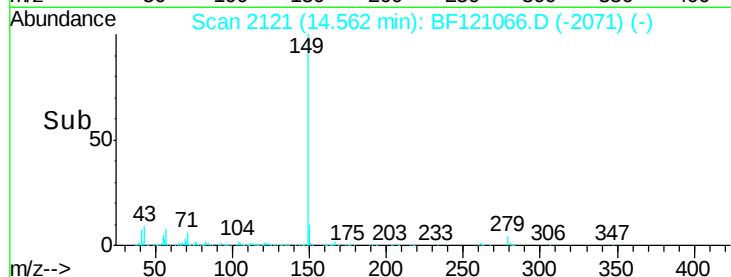
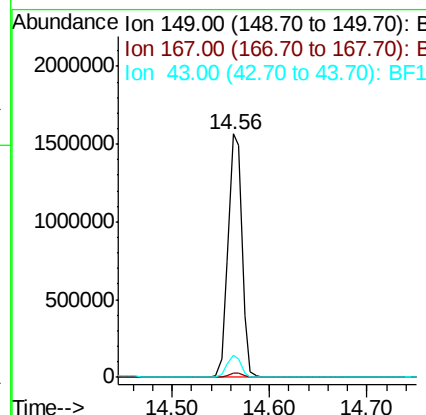
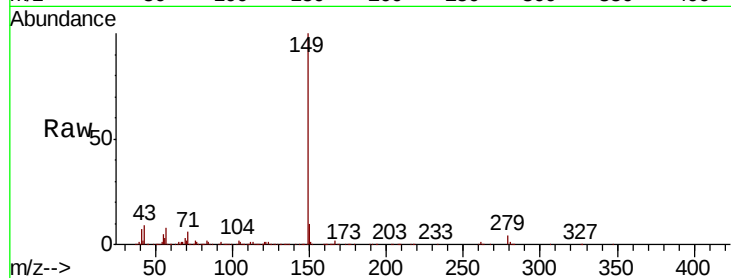
#85
Di-n-octyl phthalate
Concen: 37.254 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.6	11.4

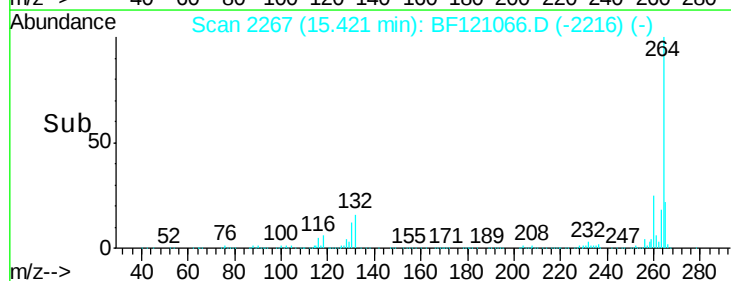
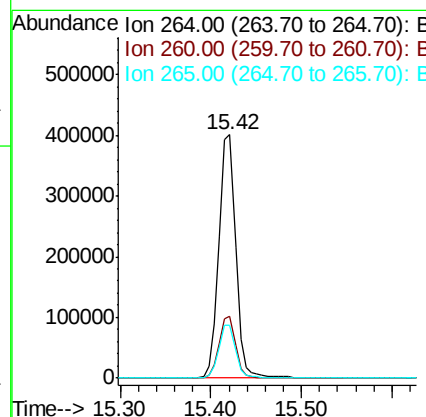
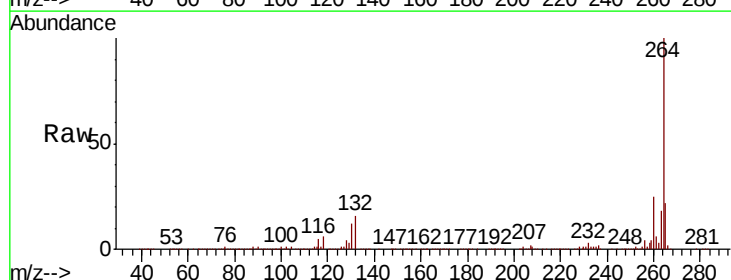
Manual Integrations
APPROVED

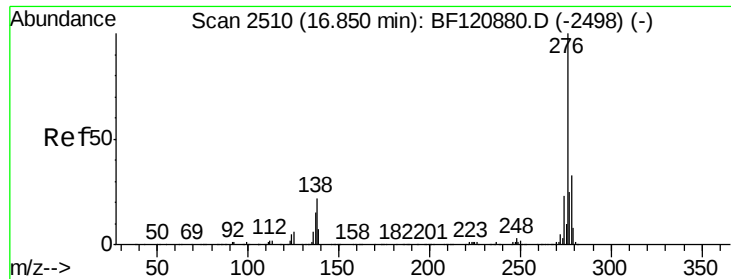
mohammad
7/29/2020 11:47:13 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	22.0	17.4	26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.678 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

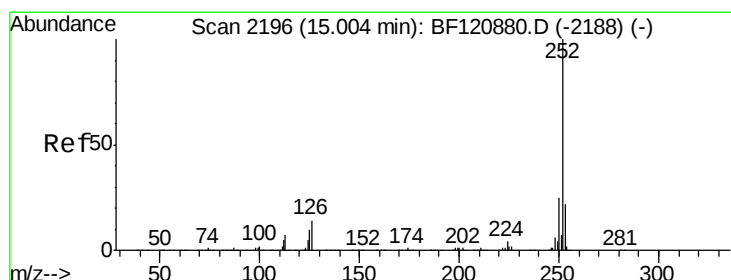
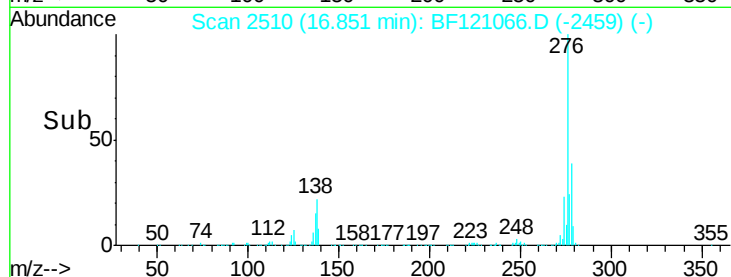
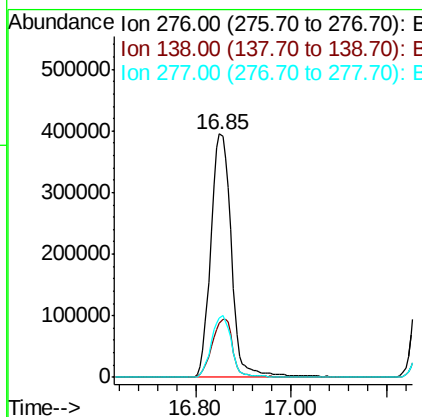
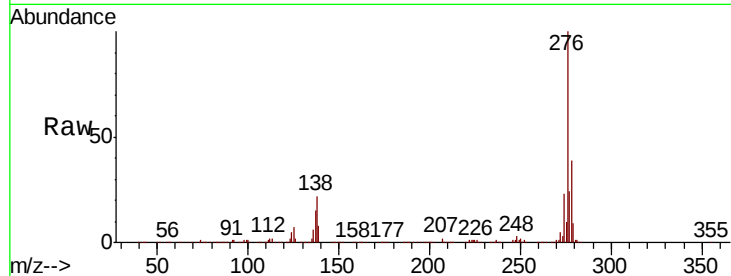
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:276 Resp: 1186758

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.8
277	25.2	20.2	30.2

Manual Integrations
 APPROVED

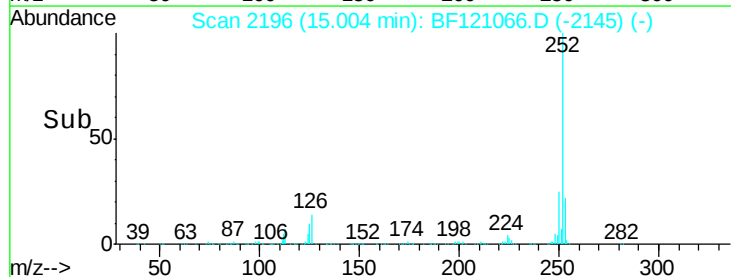
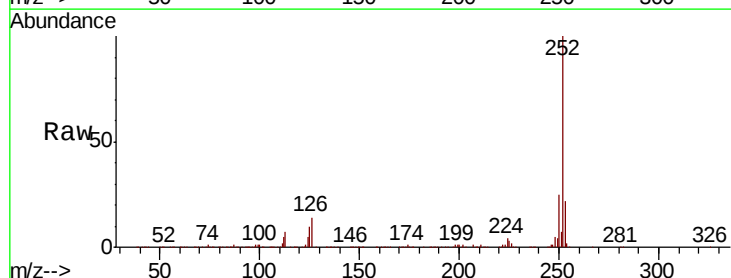
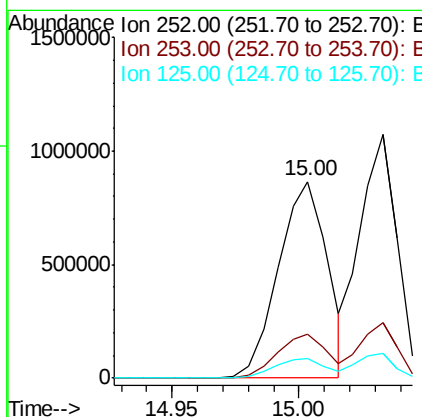
mohammad
 7/29/2020 11:47:13 AM

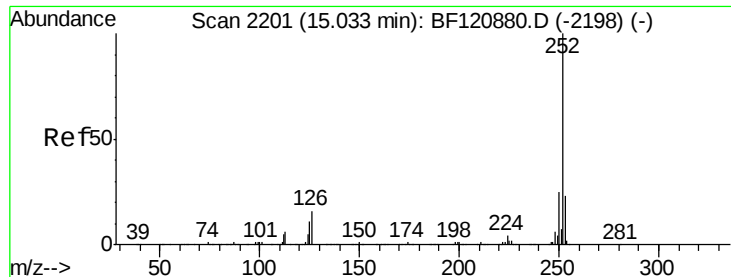


#88
 Benzo(b)fluoranthene
 Concen: 36.806 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:252 Resp: 1161757

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	8.3	12.5





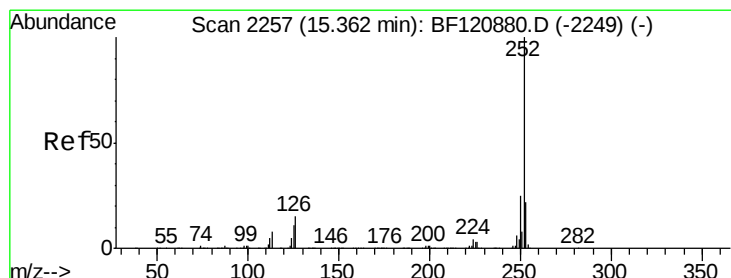
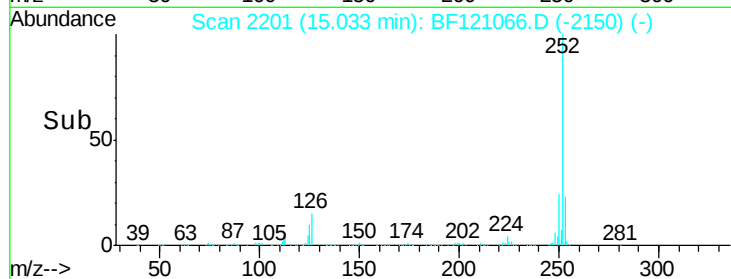
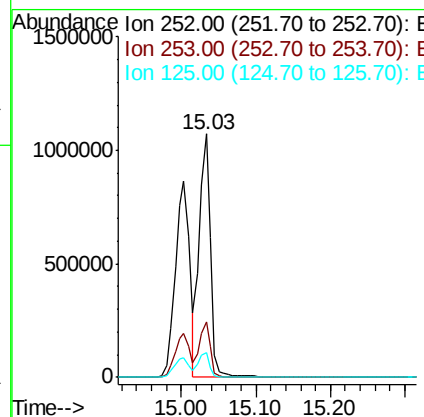
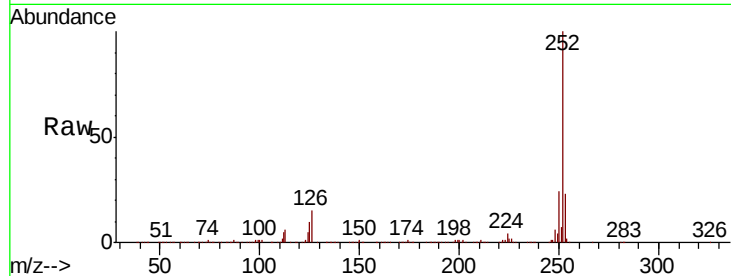
#89
Benzo(k)fluoranthene
Concen: 39.349 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.1	8.4	12.6

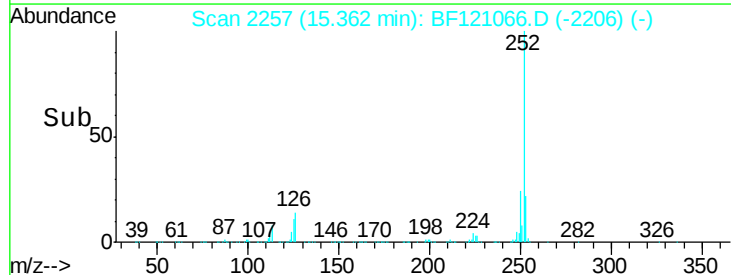
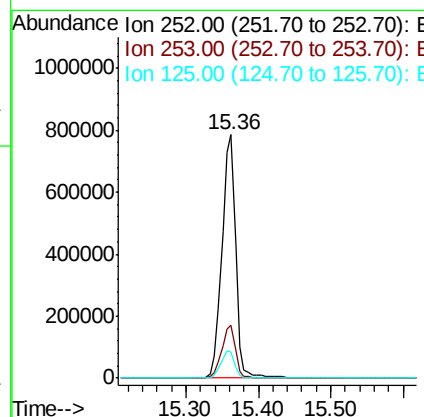
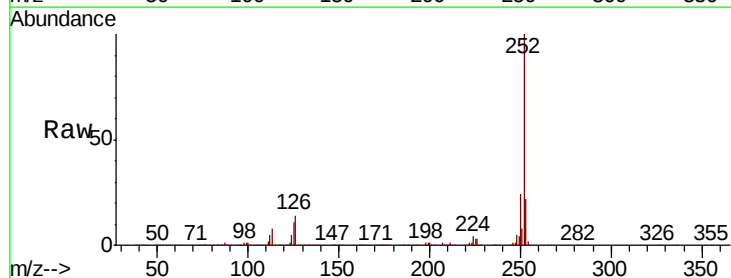
Manual Integrations
APPROVED

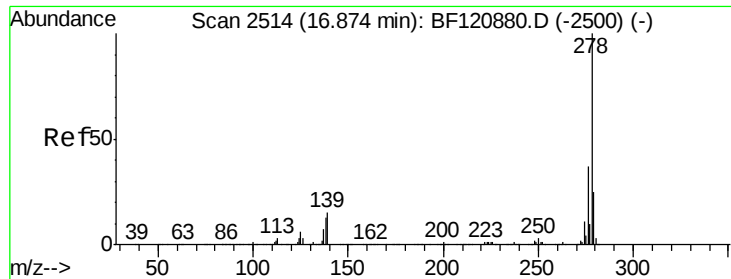
mohammad
7/29/2020 11:47:13 AM



#90
Benzo(a)pyrene
Concen: 35.889 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.8	8.9	13.3





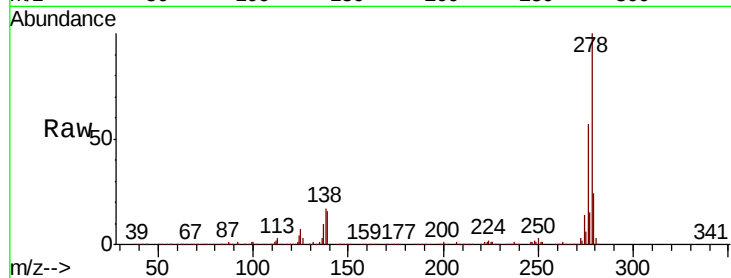
#91
Dibenzo(a,h)anthracene
Concen: 33.628 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

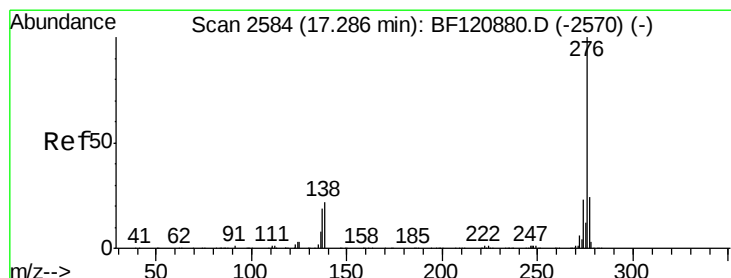
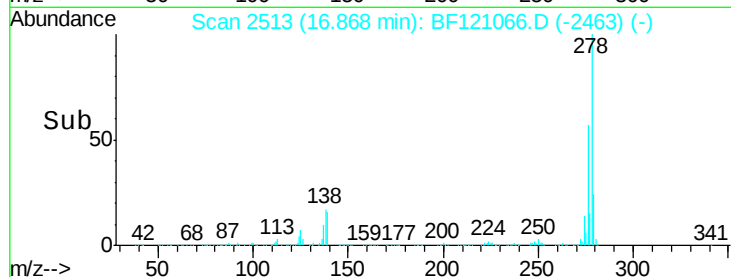
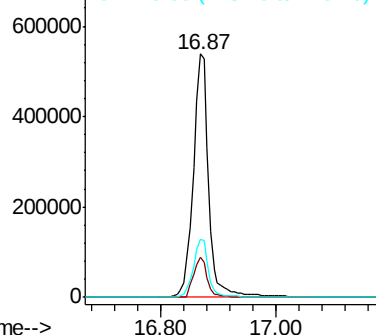
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.3	18.5
279	24.0	20.1	30.1

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:13 AM

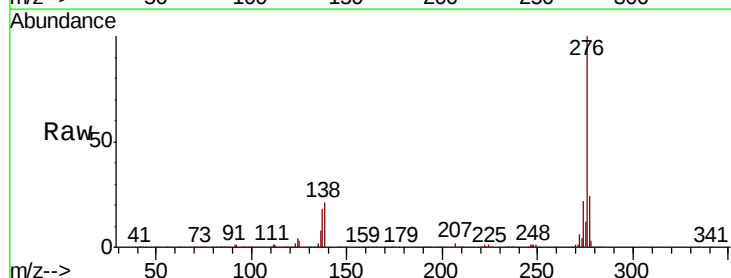


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.987 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	17.5	26.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

